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June 3, 2015

NHDES SHORELAND FILE # 2014-00793
SEE ALSO FILE # 2904

RESPONSE TO COMPLIANCE INSPECTION REPORT

NAME OF PROJECT: Nippo Pond LLC
DESCRIPTION OF PROJECT: Shoreland Restoration
SITE LOCATION: Harlan Drive (Map 112, Lot 37.1) – Waterfront Lot (Nippo Pond)
ZONING DISTRICT(S): General Residential – Shoreland Protection District Overlay
NAME OF LOT OWNER(S): Nippo Pond LLC
OWNER'S ADDRESS (1): 304 Maplewood Ave.
OWNER'S ADDRESS (2): Portsmouth, NH 03801
NAME OF DEVELOPER: Scott Zielfelder
NAME OF AGENTS: Randy R. Orvis & Bernard Cote of Geometres Blue Hills LLC
NAME OF NHDES INSPECTOR: David Price

Mr. Price,

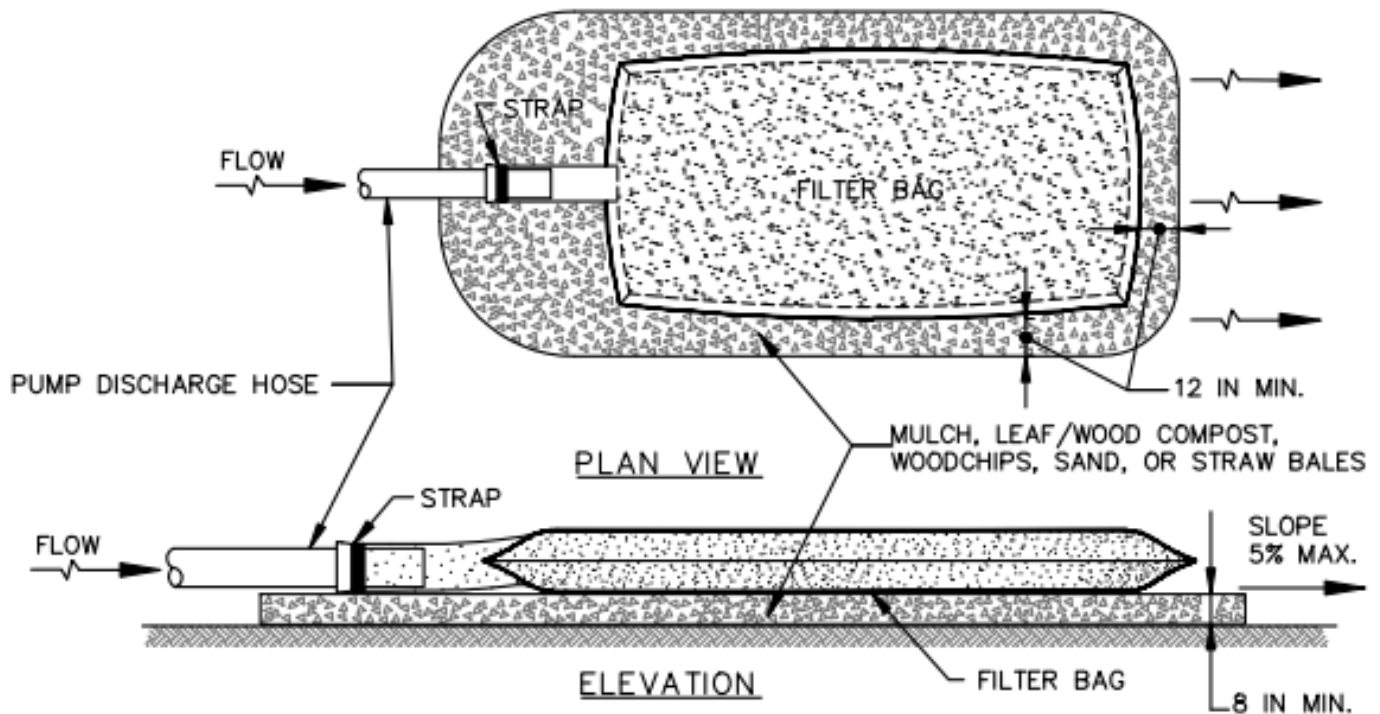
In response to our conversation on site today and also the compliance inspection report, I am writing this letter to outline the restoration sequence to take place on the above mentioned property. The order of events and time frames for this restoration process are as follows:

1. By 6/5/2015 – An additional silt fence shall be installed slightly downslope of the existing silt fence and both fences shall be left in place until all construction has been completed.
2. By 6/5/2015 - Hay mulch shall be applied on exposed soil around the house site and shall be maintained while construction is taking place.
3. By 6/5/2015 – Stormwater has collected in the foundation hole and become turbid. This water is to be pumped into a tank truck and disposed of off-site in an upland location or a large silt bag is to be placed at the top of the slope in the vegetated area adjacent to the foundation hole surrounded by fixed hay bales and filter fabric so as to allow for proper filtration of the water being pumped into the bag.
4. By 6/12/2015 – The foundation shall be constructed so that the existing well can be capped to stop the water that is seeping onto the ground and running downhill towards Nippo Pond. Also the fill material within the 50' waterfront buffer shall be placed in the foundation hole and the disturbed area shall be returned to natural grade.
5. By 6/12/2015 – A shoreland restoration plan shall be submitted to David Price at NHDES clearly depicting the procedures for properly restoring the disturbance area within the 50' waterfront buffer and outlining the vegetation to be planted.
6. As long as steps 1-5 are accomplished in a timely manner, the remaining site work and construction may continue upon approval of the restoration plan by NHDES. **(NOTE: If any part of the activities defined in steps 1-5 cannot be accomplished in the time frame shown, David Price must be notified immediately and proper arrangements must be made to complete the given task as soon as possible per his recommendation.)**
7. The remaining restoration items outlined on the approved restoration plan shall be completed during construction and/or after construction activities are completed as per NHDES guidelines.

Cc: Scott Zielfelder of Nippo Pond LLC


Bernard K. Cote Jr.
Operations Manager
Geometres Blue Hills LLC

FILTER BAG INSTALLATION AND MAINTAINENCE SPECIFICATIONS



CONSTRUCTION SPECIFICATIONS

1. TIGHTLY SEAL SLEEVE AROUND THE PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON SUITABLE BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOODCHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12 INCHES FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS THE BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND PROPERLY DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD THE DEWATERED SEDIMENT FROM THE BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY THE END OF THE WORK DAY. RESTORE THE SURFACE AREA BENEATH THE BAG TO ORIGINAL CONDITION UPON REMOVAL OF THE DEVICE.
5. USE NONWOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4 INCH DIAMETER PUMP DISCHARGE HOSE. THE BAG MUST BE MANUFACTURED FROM A NONWOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT ²	ASTM D-4491
PERMITTIVITY (SEC ⁻¹)	1.2 SEC ⁻¹	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE (AOS)	0.15-0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.