

SECTION A-A

PLAN

TURBIDITY CURTAIN - TEMPORARY

TURBIDITY CURTAIN

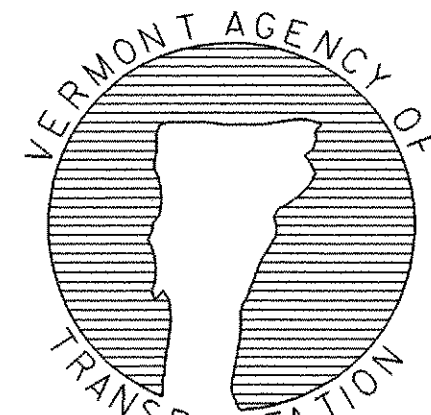
APPLICATION NOTES:

- THE PURPOSE OF A TURBIDITY CURTAIN IS TO SEPARATE WORK AREAS IN OR ADJACENT TO WATERS, TO PREVENT SEDIMENT FROM ENTERING THE WATERS.
- TURBIDITY CURTAIN SHALL NOT BE PLACED ACROSS A FLOWING WATERWAY, OR IN A WATERWAY WITH STREAM VELOCITIES GREATER THAN 1.5 FT/SEC.
- TURBIDITY CURTAIN SHALL NOT BE PLACED AT THE OUTLET OF A CULVERT OR DITCH UNLESS THE VELOCITY DOES NOT EXCEED 1.5 FT/SEC.
- THE DETAIL DEPICTS WORK AT A BRIDGE LOCATION, BUT TURBIDITY CURTAIN MAY BE APPLIED AT OTHER LOCATIONS.

GENERAL NOTES:

- THE TURBIDITY CURTAIN SHALL BE PLACED AS CLOSE TO THE WORK AS POSSIBLE WITHOUT INTERFERING WITH CONSTRUCTION OPERATIONS.
- THE TURBIDITY CURTAIN SHALL BE A MAXIMUM OF 100 FEET LONG BETWEEN ANCHORS. LAST SECTION SHALL GENERALLY TERMINATE A MINIMUM OF 10 FEET BEYOND THE LIMIT OF DISTURBANCE. TURBIDITY CURTAIN MAY BE PLACED LESS THAN 10 FEET BEYOND THE LIMIT OF DISTURBANCE IF SHOWN IN THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL MONITOR THE TURBIDITY CURTAIN, TAKING INTO ACCOUNT WEATHER PATTERNS AND PREVAILING WIND DIRECTIONS THAT MAY AFFECT WATER LEVELS, VELOCITY AND MOVEMENT OF THE TURBIDITY CURTAIN.
- THE TURBIDITY CURTAIN SHALL BE REMOVED BY SLOWLY PULLING TOWARD THE SHORE TO MINIMIZE ESCAPE OF SEDIMENTS INTO THE WATERWAY.
- THE WEIGHTED ANCHOR SYSTEM SHALL BE A TYPE THAT ALLOWS THE CURTAIN TO CONFORM TO THE CONTOUR ON THE BOTTOM OF THE WATERWAY.
- PAYMENT FOR INSTALLATION AND REMOVAL OF THE TURBIDITY CURTAIN SHALL BE MADE UNDER THE GEOTEXTILE FOR FILTER CURTAIN ITEM.
- PAYMENT FOR MONITORING TURBIDITY CURTAIN SHALL BE MADE UNDER THE MONITORING EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM.
- PAYMENT FOR MAINTAINING TURBIDITY CURTAIN SHALL BE MADE UNDER THE MAINTENANCE OF EROSION PREVENTION & SEDIMENT CONTROL PLAN ITEM, UNLESS MAINTENANCE IS REQUIRED DUE TO POOR INSTALLATION PRACTICES.
- INSTALL TEMPORARY GUIDE POSTS AS NECESSARY TO MAINTAIN THE REQUIRED POSITION OF THE TURBIDITY CURTAIN WHEN STREAM VELOCITIES EXCEED 1.5 FT/SECOND. POST MATERIAL SHALL BE CLEAN, UNTREATED WOOD OR STEEL WITH A GENERALLY CIRCULAR CROSS SECTION. POSTS SHALL BE OF SUFFICIENT SIZE AND LENGTH, WITH ADEQUATE EMBEDMENT AND SPACING TO ENSURE THE TURBIDITY CURTAIN LAYOUT IS MAINTAINED.

REVISIONS AND CORRECTIONS
MAY 18, 2004 N. GARBACIK



EROSION PREVENTION & SEDIMENT CONTROL DETAILS TURBIDITY CURTAIN

DETAIL EPSC-6

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SHEET 20 OF 39