200 S. TRYON ST. • CHARLOTTE, NC 28202

EC-2A

EXAMPLE OF PUMP-AROUND OPERATION

NOTES:

- 1) All excavation shall be performed in only dry or isolated areas of the work zone.
- 2) Impervious dikes are to be used to isolate work from stream flow when necessary.
- 3) Maintenance of stream flow operations shall be incidental to the work. This includes polyethylene sheeting, diversion pipes, pumps and hoses.
- 4) Pumps and hoses shall be of sufficient size to dewater the work area.
- 5) All erosion control measures for the pump-around must be located within the permitted stream and buffer limits

1. INSTALL SPECIAL STILLING BASIN(S).

- OPERATIONS FOR STREAM DIVERSION.
- 4. PLACE DOWNSTREAM IMPERVIOUS DIKE AND PUMPING APPARATUS. DEWATER ENTRAPPED AREA. AREA TO BE DEWATERED SHALL BE EQUAL TO ONE DAY'S WORK.
- 5. INSTALL CULVERT(S) IN ACCORDANCE WITH THE PLANS.
- 6. EXCAVATE ANY ACCUMULATED SILT AND DEWATER BEFORE REMOVAL OF IMPERVIOUS DIKES. REMOVE IMPERVIOUS DIKES, PUMPS, AND TEMPORARY FLEXIBLE HOSE. (DOWNSTREAM IMPERVIOUS DIKES FIRST).
- 7. REMOVE SPECIAL STILLING BASIN(S) AND BACKFILL. STABILIZE DISTURBED AREA WITH SEED AND MULCH.

SEQUENCE OF CONSTRUCTION FOR TYPICAL WORK AREA SPECIAL STILLING BASIN (SEE PROJECT SPECIAL PROVISIONS) Utilize a Stabilized Outlet Instead of SPECIAL STILLING BASIN a Special Stilling Basin If Pumping (SEE PROJECT SPECIAL PROVISIONS) 2. INSTALL UPSTREAM PUMP AND TEMPORARY FLEXIBLE HOSE. Clean Water 3. PLACE UPSTREAM IMPERVIOUS DIKE AND BEGIN PUMPING IMPERVIOUS DIKE DEWATERING PUMP (SEE PROJECT SPECIAL PROVISIONS) EXISTING STREAM CHANNEL — CULVERT **TEMPORARY** FLEXIBLE HOSE (SEE PROJECT SPECIAL PROVISIONS) PUMP-AROUND PUMP TOP OF BANK