

CONSTRUCTION SITE EROSION CONTROL



WHAT IS EROSION CONTROL?















WHY HAVE EROSION CONTROL?

- **TO CONTROL SOIL LOSS FROM A CONSTRUCTION SITE**
- **TO IMPROVE WATER QUALITY**
- **VIBRANT ECONOMY**
- **KEEP RESIDENTIAL COMPLAINTS TO A MINIMUM**









REQUIREMENTS OF EROSION CONTROL PLAN

- HOW DO I CONTAIN SEDIMENT TO MY JOBSITE?**
- WHAT TYPES OF EROSION CONTROL DO I INSTALL.**
- AM I REQUIRED TO MAINTAIN EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION?**









SITE PLAN



- **NORTH ARROW AND SITE BOUNDARIES**
- **ADJACENT STREETS AND ROADS**
- **LOCATION OF EXISTING AND PROPOSED STORM SEWER INLETS**
- **LOCATION OF PROPOSED BUILDINGS AND PAVED AREAS**
- **GRADIENT OF EXISTING AND PROPOSED SLOPES AND ELEVATIONS (MIN 2' CONTOURS)**
- **LOCATION OF ANY WELLS**
- **AREAS OF LAND DISTURBING ACTIVITY**
- **CONSTRUCTION SCHEDULE TIMELINE**
- **LOCATION OF ANY SOIL STOCKPILES**

MASS GRADING

- **LOCATION OF TEMPORARY STORAGE PILES**
- **LOCATION OF TEMPORARY ACCESS DRIVES**
- **LOCATION OF SEDIMENT CONTROLS**
- **LOCATION OF CONCENTRATED FLOW**
- **LOCATION OF STORM SEWER INLETS**
- **LOCATION OF DIVERSIONS**
- **DEWATERING SITES**









ONE AND TWO FAMILY

- **PERIMETER EROSION CONTROL**
- **3" to 6" STONE ACCESS DRIVE**
- **DITCH CHECKS**
- **STORM SEWER INLET PROTECTION**
- **DUMPSTER ON SITE**
- **PERMIT POSTED**
- **ADDRESS POSTED AT CENTER OF LOT**
- **80% SEDIMENT REDUCTION OR LESS THAN 5 TONS/ACRE PER YEAR**
- **LOCATION OF ANY SOIL STOCKPILE**























EROSION CONTROL BMP'S

- **MANAGEMENT OF OVERLAND FLOW**
- **TRAPPING SEDIMENT IN CHANNELIZED FLOW**
- **STAGING LAND DISTURBING ACTIVITIES**
- **PROTECTION OF DOWNSLOPE DRAINAGE INLETS**
- **MINIMIZATION OF TRACKING**







REQUIREMENTS OF BMP'S

- **NO TRACKING ON STREET**
- **NO TRASH ACCUMULATION ON SITE**
- **MAINTAIN PERIMETER EROSION CONTROL**
- **CHECK SITE CONDITIONS AS NEEDED**
- **SEED OR MULCH SOIL STOCKPILES**



PLAN REVIEW PROCESS

- **SOIL LOSS ANALYSIS**
- **POST CONSTRUCTION
STORMWATER MANAGEMENT
PLAN**

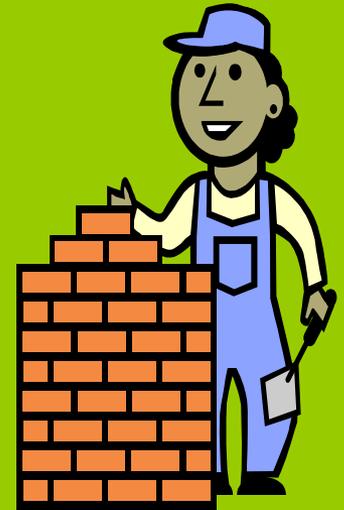
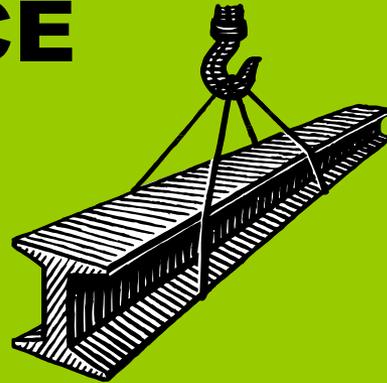


PERMIT PROCESS

- **COPY OF NOI (NOTICE OF INTENT)**
- **EROSION CONTROL PLAN**

CONSTRUCTION

- **CONTRACTOR REPORT (WEEKLY)**
- **MAINTENANCE**



OCCUPANCY

- **COPY OF NOT (NOTICE OF TERMINATION)**



POST CONSTRUCTION

- **INSTITUTE POST CONSTRUCTION
STORMWATER MANAGEMENT
PLAN**

STORMWATER MANAGEMENT PLAN REQUIREMENTS

- **80% REDUCTION SUSPENDED SOLIDS**
- **REDUCE OR MAINTAIN 2YR/24HR
PEAK DISCHARGE**
- **RESIDENTIAL INFILTRATION 90%**
- **COMMERCIAL INFILTRATION 60%**
- **ANY NATURAL FEATURES**
- **FUELING AND MAINTENANCE AREAS**
- **BMP LOCATION**
- **BMP'S INSTALLED BEFORE FINAL
STABILIZATION**

ENFORCEMENT PROCEDURES

- **NOTICE TO COMPLY 24/72 HOURS**
- **REINSPECTION FEE'S**
- **\$60.00 1ST INSPECTION**
- **\$90.00 2ND INSPECTION**
- **\$180.00 3RD INSPECTION**
- **\$360.00 4TH INSPECTION**
- **\$360.00 ADDITIONAL INSPECTIONS**
- **FEES DO NOT REGRESS**
- **POSSIBLE STOP WORK ORDER**
- **POSSIBLE WITHHOLD PERMIT**

Questions

