**TOWN OF KNIGHTDALE SCM INSPECTIONS**

WHEN SCHEDULING INSPECTIONS, PLEASE CALL THE PUBLIC WORKS ADMINISTRATIVE ASSISTANT AT (919) 217-2250.

**PLEASE NOTE: THE FOLLOWING PERSONNEL MUST BE PRESENT AT ALL INSPECTIONS:**

1) SITE SUPERVISOR

2) GEOTECH

3) AS-BUILT CERTIFYING ENGINEER OR SOMEONE UNDER THEIR SUPERVISION

**THE FOLLOWING ITEMS MUST BE INSPECTED BY TOK STAFF DURING THE INSTALLATION OF ANY SCM WITH DAM:**

1. KEY TRENCH EXCAVATION
2. PRINCIPAL SPILLWAY PIPE AND ASSOCIATED COMPONENTS:
3. CONCRETE CRADLE
4. ANTI-SEEP COLLAR
5. SEEPAGE DIAPHRAGM
6. OUTLET STRUCTURE
7. ANTI-FLOTATION BALLAST
8. ANY SITE-CONSTRUCTED REINFORCED CONCRETE STRUCTURES

**THE FOLLOWING ITEMS MUST BE INSPECTED BY TOK STAFF DURING THE INSTALLATION OF ANY SAND FILTERS OR BIORETENTION DEVICES**

1. SUBGRADE OR CONSTRUCTED FOUNDATION
2. OUTLET OR RISER IN COMBINATION WITH CONNECTING UNDERDRAINS
3. FILTER MEDIA
4. DAM ITEMS ON PREVIOUS LIST IF APPLICABLE

**GEOTECHNICAL TESTING AND CERTIFICAITON**

ALL REPORTS ARE TO BE SUBMITTED WITHIN 30-DAYS OF DAM COMPLETION

REQUIRED GEOTECHNICAL RECORDS INCLUDE:

1. DAM EMBANKMENT MATERIAL COMPOSITION AND DENSITY TESTING
2. MAP THAT LABELS ALL POINTS WHERE THE DAM AND DAM FOUNDATION AREAS WERE TESTED
3. DIGITAL PHOTOS SHOWING THE DAM FOUNDATION AREAS, THE RISER, THE PRINCLIPLE SPILLWAY PIPE, THE CONCRETE CRADLE, THE SEEPAGE DIAPHRAM, RELIEF DRAINS, ETC., BEING INSTALLED.