

**NPDES GROUND STABILIZATION REQUIREMENTS**

1. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
  - a. ALL PERIMETER DIKES, SWALES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
  - b. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
2. CONDITIONS - IN MEETING THE STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:
  - a. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.
  - b. ALL SLOPES 50' IN LENGTH OR GREATER SHALL APPLY THE GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 50' SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3: 1, THE 7 DAY-REQUIREMENT APPLIES.
  - c. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT
  - d. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7-DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.
  - e. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.
  - f. FOR PORTIONS OF PROJECT WITHIN THE SEDIMENT CONTROL COMMISSION-DEFINED "HIGH QUALITY WATER ZONE" (15A NCAC 04A .0 1 05) , STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND DISTURBING ACT.
  - g. PORTIONS OF A SITE THAT ARE LOWER IN ELEVATION THAN ADJACENT DISCHARGE LOCATIONS AND ARE NOT EXPECTED TO DISCHARGE DURING CONSTRUCTION MAY BE EXEMPT FROM THE TEMPORARY GROUND COVER REQUIREMENTS IF IDENTIFIED ON THE APPROVED E&SC PLAN OR ADDED BY THE PERMITTING AUTHORITY.

**NPDES NOTES**

1. THIS PAGE IS SUBMITTED TO COMPLY WITH NPDES GENERAL STORMWATER PERMIT NCG010000;
2. THIS PAGE CAN BE APPROVED BY THE CITY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000 ONLY;
3. THIS PAGE OF THE APPROVED PLANS IS ENFORCEABLE EXCLUSIVELY PURSUANT TO NPDES GENERAL STORMWATER PERMIT NCG010000;
4. THE CITY IS NOT AUTHORIZED TO ENFORCE THIS PAGE OF THE PLANS AND IT IS NOT A PART OF THE APPROVED PLANS FOR PURPOSES OF ENFORCEMENT ACTION UNDER THE CITY CODE

**NPDES PH II HIGH/LOW DENSITY CALCULATIONS**

TOTAL SITE AREA: 1.92 AC  
 EXISTING IMPERVIOUS: 0 AC  
 PROPOSED IMPERVIOUS: 1.02 AC  
 NPDES DENSITY CALCULATIONS:  
 1.92 - 0 = 1.92 AC  
 1.02/1.92=53.13%

**LEGEND**

- TEMP LOW SPOT SILT FENCE OUTLET
- TEMP WATLE
- TEMP SILT SOCK
- TEMP INLET PROTECTION
- TEMP SEDIMENT BASIN
- TEMP CONSTRUCTION ENTRANCE
- TEMP DIVERSION DITCH (LINED-SEE DETAIL)
- TEMP SILT FENCE
- TEMP TREE PROTECTION FENCE
- LIMITS OF DISTURBANCE

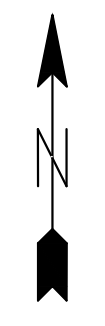
ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED AFTER EVERY RAIN EVENT AND ONCE PER WEEK. THE CONTRACTOR OR THE OWNER SHALL CONDUCT INSPECTIONS IN COMPLIANCE WITH NPDES REQUIREMENTS AND RECORDS OF THOSE INSPECTIONS SHALL BE KEPT AVAILABLE ONSITE.

ALL ADJACENT STREETS WILL BE KEPT CLEAN AT ALL TIMES OR A WASH STATION WILL BE REQUIRED.

APPROVED by the Town of Cary Development Review Committee



By: Kevin A. Hales  
04/17/2018



NO WETLANDS EXIST ON-SITE

NOTE: ALL CONSTRUCTION ACTIVITY MUST BE IN ACCORDANCE WITH THE ACCEPTED POLICIES OF THE TOWN OF CARY AND NCDOT



**BASS, NIXON & KENNEDY, INC.**  
**CONSULTING ENGINEERS**  
 6310 CHAPEL HILL ROAD, SUITE 250, RALEIGH, NC 27607  
 TELEPHONE: (919)951-4422 OR (800)354-1879 FAX: (919)951-8668  
 CERTIFICATION NUMBERS: NOBELS (C-0110); NCBOLA (C-0267)

PROGRESS	DATE	DRAWN BY	IP
4	03-06-18	PER TOC COMMENTS	IP
3	02-08-18	PER TOC COMMENTS	IP
2	11-09-17	PER TOC COMMENTS	IP
1	09-14-17	PER TOC COMMENTS	IP
		NO.	BY
		DESCRIPTION	REVISIONS

**TRIANGLE AQUATIC CENTER WEST & SOUTH PARKING EXPANSION**  
 PROJECT NO. 18-DP-0033  
 TOWN OF CARY, WAKE COUNTY, NORTH CAROLINA