**March 23, 2015 Meeting of the MDC Team**

**Updates from DEMLR:**

* WQC Meeting and Public Notice (Annette)
* Meeting with Representative Millis (Annette)
* DEMLR Response to last week’s email chain (Bradley)

**DRAFT fast track process (from Feb meeting):**



**Decision: Box 2 - Projects not eligible for Fast-Track (from Feb meeting):**

1. Projects that do not follow the MDC. (Note: This includes projects claiming an exemption from the MDC based on vested rights, a waiver or variance as well as modifications to existing permits where the modified/new SCMs do not meet the MDC)
2. Projects that currently do not comply with an existing state stormwater permit.

**Decision: Box 2 - Required Items for a Fast-Track Permit Application (from Feb meeting):**

1. Fast-track application form and permit application fee. The application form will include, among other items:
2. Latitude & longitude will be included in the application.
3. Opportunity to designate an authorized agent.
4. A statement of Financial Responsibility/Ownership.
5. A sealed, signed, and dated statement that the design is complete and that the project has been designed in accordance with the MDC.
6. Agreement that there will be a transferable O&M agreement in perpetuity. A copy of the most current property deed and a copy of the lease agreement or sales agreement if applicable.
7. Signature of applicant.
8. A USGS map identifying the site location. If the receiving stream is reported as class SA or the receiving stream drains to and is within 1/2 mile of SA waters, then include the 1/2 mile radius shall be included on the map.
9. A site plan depicting the boundary of the project or project phase currently being permitted, including the locations of stormwater control measures, streams, wetlands and buffers.
10. For corporations and limited liability corporations (LLC): Documentation from the NC Secretary of State or other official documentation, which supports the titles and positions held by the persons listed in the Contact Information section. The corporation or LLC must be listed as an active corporation in good standing with the NC Secretary of State, otherwise the application will be returned.

**For Discussion: Box 1 - Designation of a “Qualified Professional” Under Fast Track**

**(Excerpted items 15A NCAC 02T .1104 Application Submittal, Residuals Management – We would need to modify for stormwater)**

(1)         Site plans.  If required by G.S. 89C, a professional land surveyor shall provide location information on boundaries and physical features not under the purview of other licensed professions.  Site plans or maps shall be provided to the Division by the applicant depicting the location, orientation and relationship of the surface disposal unit features including:

              [Note:  The North Carolina Board of Examiners for Engineers and Surveyors has determined, via letter dated December 1, 2005, that locating boundaries and physical features, not under the purview of other licensed professions, on maps pursuant to this Paragraph constitutes practicing surveying under G.S. 89C.]

(A)        a scaled map of the surface disposal unit, with topographic contour intervals not exceeding 10 feet or 25 percent of total site relief and showing all surface disposal unit-related structures and fences within the surface disposal unit;

(B)          the location of all wells (including usage and construction details if available), streams (ephemeral, intermittent, and perennial), springs, lakes, ponds, and other surface drainage features within 500 feet of the surface disposal unit and delineation of the review and compliance boundaries;

(C)        setbacks as required by Rule .1108 of this Section; and

(D)       site property boundaries within 500 feet of the surface disposal unit.

(2)         Engineering design documents.  If required by G.S. 89C, a professional engineer shall prepare these documents.  The following documents shall be provided to the Division by the applicant:

              [Note:  The North Carolina Board of Examiners for Engineers and Surveyors has determined, via letter dated December 1, 2005, that preparation of engineering design documents pursuant to this Paragraph constitutes practicing engineering under G.S. 89C.]

(A)          engineering plans for the surface disposal unit and equipment except those previously permitted unless they are directly tied into the new units or are critical to the understanding of the complete process;

(B)          specifications describing materials to be used, methods of construction, and means for ensuring quality and integrity of the finished product including leakage testing; and

(C)        engineering calculations including hydraulic and pollutant loading, sizing criteria, hydraulic profile, and total dynamic head and system curve analysis for each pump.

(3)         Soils Report.  A soil evaluation of the surface disposal unit site shall be provided to the Division by the applicant in a report that includes the following.  If required by G.S. 89F, a soil scientist shall prepare this evaluation:

               [Note:  The North Carolina Board for Licensing of Soil Scientists has determined, via letter dated December 1, 2005, that preparation of soils reports pursuant to this Paragraph constitutes practicing soil science under G.S. 89F.]

(A)       Field description of soil profile, based on examinations of excavation pits or auger borings, within seven feet of land surface or to bedrock describing the following parameters by individual diagnostic horizons: thickness of the horizon; texture; color and other diagnostic features; structure; internal drainage; depth, thickness, and type of restrictive horizon(s); and presence or absence and depth of evidence of any seasonal high water table (SHWT).  Applicants may be required to dig pits when necessary for proper evaluation of the soils at the site.

(B)          A soil map delineating major soil mapping units within the surface disposal unit site and showing all physical features, location of pits and auger borings, legends, scale, and a north arrow.

**For Discussion: Box 4 - What is a “Reasonable Time Frame?”**

**Table until April: Box 5 – Discuss construction oversight and “project completion”**

**For Discussion: Box 6 - Potential Items to be submitted with As-Builts**

1. Sealed, signed and dated calculations for the stormwater control measures only will be submitted with the as-builts but not at the time of application.
2. Sealed, signed, & dated 24’x36” plans of the entire site at a readable scale, including:

a. Project name, engineer and firm, revision number and dates.

b. Location map with street names and SR numbers, legend, north arrow, scale.

c. Dimensioned property/project boundary with bearings & distances.

d. The boundaries of all surface waters, regulatory flood zones, and protected riparian buffers or a note on the plans that none exist.

e. The boundaries of all vegetated or protected riparian buffers.

f. Site layout showing all built-upon areas, drainage features, stormwater collection systems (inlets, outlets, swales, pipe elevations, slopes and diameters), and SCMs at ultimate build-out.

g. Existing contours, proposed contours, spot elevations, and finished floor elevations.

h. Existing drainage (including off-site), drainage easements, pipe sizes, runoff calculations.

i. Drainage area boundaries (included in the main set of plans, not as a separate document).

j. Existing and proposed maintenance access routes, utility easements, drainage easements, public rights-of-way etc.

k. A construction sequence that shows how the SCMs will be protected from sediment until the entire drainage area is stabilized.

1. Sealed, signed, & dated full-sized plan details of each SCM (or typical if appropriate) in both plan view and cross-section at a scale of 1" = 30' or larger, including:

a. Dimensions, side slopes, length to width ratios and elevations with a benchmark for clean-out if appropriate.

b. All applicable conveyance devices, including: bypass structure, pretreatment area, flow distribution device, underdrains, outlet device, outlet dissipater and level spreader.

c. A table of elevations, incremental volumes and accumulated volumes (if applicable).

d. Specifications for applicable materials, such as planting media, aggregate, sod, underdrains, outlet devices, etc.

1. Sealed, signed, & dated landscaping plans for each wet pond, stormwater wetland and bioretention cell (or typical) at a scale of 1" = 20' or larger, including:
2. Delineation of planting zones (for stormwater wetlands only);
3. Plant layout with species names and locations; and
4. Total number and sizes of all plant species.
5. Sealed, signed, & dated soils report based on field evaluation indicating the SHWT elevations within the footprints of the proposed SCM(s). Provide a map of the boring locations with the existing elevations and boring logs. For infiltration SCMs, the report shall include the soil type, infiltration rate and method for determining the infiltration rate. Soils information shall be signed and sealed by a licensed soil scientist.
6. A copy of the signed and notarized operation and maintenance (O & M) agreement including an estimation of the maintenance cost.
7. A copy of the deed restrictions protecting the SCMs and limiting the built-upon area so that it does not exceed the capacity of the SCM(s) or the high density threshold (as applicable).