

## CHANGES TO MS4 PERMITS SINCE PALM BEACH COUNTY PERMIT ISSUED

### 1. Table II.A.1.a

- Swales broken into treatment swales and conveyance swales

### 2. Part II A 7 c

- The permittees shall continue to implement the program developed to identify and eliminate source(s) of illicit discharges, illicit connections and dumping to the MS4 through a proactive inspection schedule and through reactive investigations into reports of suspected illicit activity.

### 3. Part III A

#### 1. Structural controls

Provide an inventory of all known major outfalls covered by the permit and a map depicting the location of the major outfalls (hard copy or CD-ROM).	Provide the outfall inventory and map with the Year 1 ANNUAL REPORT.
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#### 6. Herbicides, Pesticides, and Fertilizers

**Moved** By January 1, 2014, all permittee personnel applying fertilizer shall be trained through the Green Industry BMP Program. By that same date, a permittee who contracts the application of fertilizer shall use only commercial applicators of fertilizer who have been trained through the Green Industry BMP Program and have obtained a limited certification for urban landscape commercial fertilizer application under Section 482.1562, F.S. If the permittee operates one or more golf courses, the courses shall be operated in a manner that is consistent with the *Best Management Practices for the Enhancement of Environmental Quality on Florida Golf Courses* manual (Florida DEP, 2007).

**Deleted** During Year 1 of the permit, develop and implement a written plan for the training of all permittee personnel applicators and contracted applicators to emphasize the stormwater implications of pesticide, herbicide and fertilizer application

7. Illicit discharge elimination

**Revised reporting requirements:** Report the ~~number and~~ type of training activities, and the number of permittee personnel and contractors trained (both in-house and outside training), in each ANNUAL REPORT.

**7c and 7d Clarified language on training:** The plan shall include the following: a description of the topics to be covered; a description of the personnel and contractors targeted for training; the methods and materials to be used for the training; identification of the staff/ department(s)/ outside entities who will perform the training; the method for documenting the training activities; and the annual schedule for the training. The plan shall address comprehensive training for new personnel and ~~follow up~~ refresher training for current personnel.

A single plan may address all the training required per Parts III.A.6, III.A.7.c, III.A.7.d and III.A.9.c of the permit.

The plan shall be developed and implemented within 12 months of the date of permit issuance, and be reviewed annually and updated as needed to reflect changes in procedures, techniques, or staffing. ~~Follow up~~ Refresher training shall be provided annually.

9. Construction Site Operator Training

**9c Clarified language**

During Year 1 of the permit, develop and implement a written plan for stormwater training/outreach for construction site plan reviewers, site inspectors and site operators. Provide training for permittee personnel (employed by or under contract with the permittee) <del>and private persons</del> involved in the site plan review, inspection or construction of stormwater management, erosion, and sedimentation controls. <u>Also provide training for private construction site operators.</u> All inspectors of construction sites shall be certified through the	Report the <del>number and</del> type of training activities, the number of inspectors, site plan reviewers and site operators trained (both in-house and outside training), and the
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<p>Florida Stormwater, Erosion, and Sedimentation Control Inspector Training program, or an equivalent program approved by the Department.</p> <p>The plan shall include the following: a description of the topics to be covered; a description of the personnel, contractors and private <del>persons</del> <u>construction site operators</u> targeted for training; the methods and materials to be used for the training; identification of the staff/ department(s)/ outside entities who will perform the training; the method for documenting the training activities; and the annual schedule for the training. The plan shall address comprehensive training for new personnel and <del>follow-up or</del> <u>refresher</u> training for current personnel.</p> <p>The plan shall be developed and implemented within 12 months of the date of permit issuance, and be reviewed annually and updated as needed to reflect changes in procedures, techniques, or staffing. <del>Follow-up</del> <u>Refresher</u> training shall be provided annually.</p>	<p>number of private <del>persons</del> <u>construction site operators</u> trained by the permittee, in each ANNUAL REPORT.</p>
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**Part V**

**B2 clarified:** *Monitoring Program Requirements:* The existing monitoring plan that was approved by the Department on October 23, 2003 (modifications approved on November 10, 2009) shall continue to be implemented by the permittees upon issuance of the permit. Given the new requirements in this permit for water bodies with EPA-established or DEP-adopted TMDLs, the permittees may modify or develop a new plan for submittal, review, and approval by the Department.

**Part VIII**

**B clarified:** The requirements of this section apply only to the permittee’s MS4 discharges to receiving waters with adopted or established TMDLs and associated allocations. It is the intent of this section to ensure that pollutant discharges for those parameters listed in the TMDL are reduced to the MEP through the implementation of the permittee’s SWMP. Adequate progress toward achieving assigned wasteload allocations (WLAs) will be demonstrated through the implementation of structural and nonstructural best management practices and other program activities that are targeted at TMDL-related pollutants within watersheds that discharge to a water body with an EPA-established or DEP-adopted TMDL

**B3a clarified:** TMDL Prioritization Report (Months 1-6): The Department recognizes the difficulty and expense of undertaking the requirements in this section of the permit. Accordingly, the permittee is required to develop a prioritized list of water bodies and TMDLs and an accompanying schedule for undertaking the tasks that follow. To accomplish this, the permittee shall first develop a final list of water bodies to which its MS4 discharges that have adopted DEP TMDLs or EPA-established TMDLs. ~~The permittee~~ shall then develop a list of factors that will be used to prioritize the water bodies with these adopted TMDLs and undertake the remaining tasks in this section of the permit. Using the factors, the permittee shall develop a prioritized list of water bodies with TMDLs and a schedule for completing the remaining tasks as outlined below. The permittee shall prepare a final report that includes the final list of adopted DEP TMDLs or EPA-established TMDLs, the prioritization factors, the prioritized list, and the associated schedule, and submit it to DEP for review and approval.

**B3b(1) clarified:** Using the estimates of seasonal loadings and event mean concentrations (EMCs) that are included in the Year 3 ANNUAL REPORTS, the permittee shall develop a table showing the annual loadings currently discharged from outfalls into water bodies with an adopted TMDL. ~~The table shall also compare the current loadings to all of the previous estimates of annual loadings from each outfall and cumulatively since the issuance of the permittee's initial MS4 permit. The Plan shall summarize the trends (increasing or decreasing loads) that have occurred during the years that an MS4 permit was in effect and the total change in pollutant loadings over that time period discharged into water bodies with an adopted TMDL.~~

**B3c clarified:** Once the TMDL Monitoring and Assessment Plan is approved by DEP, the permittee shall conduct storm event monitoring to obtain flow-weighted composite samples from the top ranked outfall identified in the Plan approved by DEP to validate the estimates of annual pollutant loadings. A minimum of seven storm events will be monitored at the outfall. All monitoring shall be done in accordance with DEP field sampling SOPs. All sample analyses shall be done by a lab that is NELAG certified through the DOH Environmental Laboratory Certification Program for the parameters being analyzed. A final report summarizing the monitoring program and its results shall be submitted to DEP for review and approval within six months after all analyses have been received from the lab. The report shall include a table that compares the event mean concentrations (EMCs) used to estimate pollutant loadings from major outfalls with the event mean concentrations determined through the monitoring program. The permittee shall also revise the original table of loadings in the Plan by recalculating them using the revised EMCs.