



THE VILLAGE OF  
**NORTH PALM BEACH**

*"THE BEST PLACE TO LIVE UNDER THE SUN"*

---

September 29, 2013

Allen P. Hubbard, P.E.  
Program Administrator  
NPDES Stormwater Program  
Florida Department of Environmental Protection  
Mail Station 2500  
2600 Blaire Stone Road  
Tallahassee, FL 32399-2400

**Re: Palm Beach County Municipal Separate Storm Sewer System (MS4)**  
**NPDES Permit No: FLs00018 (Cycle 3)**  
**Year 2 Annual Report Comments – Village of North Palm Beach**

Dear Mr. Hubbard;

Please see the additional response comments as requested:

**Stormwater Management Program Resources**

Part II F. of the MS4 permit requires each permittee to report the SWMP budget in the Annual Report. If program resources have been decreased from the previous year, a discussion of the impacts on the implementation of the SWMP shall be provided. Each permittee shall also have a source of funding for implementing all the other requirements included within this permit.

Response: In Year 2 (Oct-2011 through Sept-2012) expenses were decreased due to the streets department budgeted to replace street signs with new decorative street signs as an operating expense Year 1 (Oct-2010 through Sept-2012).

### **Florida-friendly Fertilizer Ordinance**

Part 111.A.6. of the MS4 requires that if a Florida-Friendly Landscaping Ordinance is not adopted, all local governments within the watershed of a nutrient-impaired water body shall adopt the Department's Model Ordinance for Florida-Friendly Fertilizer Use on Urban Landscapes or an ordinance that includes all of the requirements set forth in Model Ordinance. The ordinance is required to be adopted within 24 months of permit issuance.

*Response:* The Village of North Palm Beach anticipates Florida-friendly Fertilizer Ordinance to be adopted by February 2014.

### **Street Sweeping Program for TN and TP Reduction**

Part III.A.3. of the MS4 Permit requires co-permittees to use the Florida Stormwater Association (FSA) MS4 Load Reduction Tool to calculate the total nitrogen (TN) and total phosphorus (TP) load reductions of street sweeping. A permittee may also use results from a similar study if it is approved by the Department prior to doing the load calculations.

*Response:* The calculations were based on of cubic yards of sweeping; this has been re-calculated by cubic yards per the FSA Calculator. (Response 1)

If you have any additional comments, please contact me at (561) 882-1156 or email: [jnentwick@village-npb.org](mailto:jnentwick@village-npb.org).

Sincerely,



Jodi Nentwick  
Village Planner

# **Street Sweeping Program for TN and TP Program**

## **Response 1**

# **Calculated Nutrient Load Reductions from MS4 Maintenance Practices** FSA 2012

## **TOTAL PHOSPHORUS**

Street Sweepings - Dry Mass Collected (Kg)

Amount of TP Removed (Kilograms)

34	209
12	

Subtotal TP Removed (Kilograms)	Subtotal TP Removed (Pounds)
12	27

Catch Basins - Dry Mass Collected

Amount of TP Removed (Kilograms)

0	
0	

0	0
---	---

BMP - Dry Mass Collected

Amount of TP Removed (Kilograms)

0	
0	

0	0
---	---

GRAND TOTAL TP REMOVED (KILOGRAMS) =

12
----

GRAND TOTAL TP REMOVED (POUNDS) =

27
----

## **TOTAL NITROGEN**

Street Sweepings - Dry Mass Collected (Kg)

Amount of TN Removed (Kilograms)

34	209
19	

Subtotal TN Removed (Kilograms)	Subtotal TN Removed (Pounds)
19	42

Catch Basins - Dry Mass Collected

Amount of TN Removed (Kilograms)

0	
0	

0	0
---	---

BMP - Dry Mass Collected

Amount of TN Removed (Kilograms)

0	
0	

0	0
---	---

GRAND TOTAL TN REMOVED (KILOGRAMS) =

19
----

GRAND TOTAL TN REMOVED (POUNDS) =

42
----

## FSA 2012

NOTES:

1. "Particulate Matter" from the FSA Final Report is defined as "Solids" for use in this spreadsheet.
2. For measurements of volume, include approximate dry bulk density;

use the default bulk density of 1.36 or 84.9 pounds per cubic foot until confirmed by sampling.