

## CERTIFICATION

At my direction, the Storm Water Management Plan for the City of Soledad was revised in form of an addendum on February 25, 2010 and pursuant to General Permit Section F.1.c: Report Status of Measurable Goals; Action Item #49 of N.O.V. dated September 25, 2009; Fulfillment of Proposed Timeline item #2 – *“Remaining 2007-2008 Annual Report Addenda will be submitted by March 1, 2010”*.

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquire of the person or person who manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is true, accurate, and complete.*

*I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.*

By:

Clifton W. Price  
Clifton W. Price, Public Work Director

Date:

2/25/10

# ANNUAL STORM WATER REPORT ADDENDUM

## Item #9

### **B. BMP 5.1 – Site Design Requirements, BMP 5.2 – Detention Basin Requirement, BMP 5.3 – Post-Construction Stormwater Runoff Strategies and Design Standards, and BMP 5.5 – Long-Term Operation and Maintenance of BMPs**

#### ***Violation of General Permit Section F.1.c – Failure to report status of measurable goals***

General Permit Section F.1.c requires that annual reports indicate whether the City achieved measurable goals established in the SWMP. Failure to provide information on the status of measurable goals is a violation of General Permit Section F.1.c. If the reason for the City's failure to provide this information is that the City did not fully implement these BMPs according to the measurable goals established in the SWMP, the City would also be in violation of General Permit Section D.1 (failure to implement BMPs). The 2007-08 Annual Report does not provide adequate information on the status of the following measurable goals:

1. BMP 5.1 – Site Design Requirements:
  - The SWMP states that the City will limit impervious surface coverage to 40% for all new development and redevelopment. However, the Annual Report does not state explicitly that 100% of construction projects approved and/or completed in the 2007-08 permit year complied with this requirement.
  - The SWMP states that the City will require developers to stencil new storm drain inlets prior to project completion. However, the Annual Report does not state explicitly that 100% of construction projects completed in the 2007-08 permit year complied with this requirement.
2. BMP 5.2 – Detention Basin Requirement: The SWMP states that the City will require all development projects to route 75% of their runoff into detention basins. However, the Annual Report does not state explicitly that 100% of construction projects approved and/or completed in the 2007-08 permit year complied with this requirement.
3. BMP 5.3 – Post-Construction Stormwater Runoff Strategies and Design Standards:
  - The SWMP states that the City will require developers to select post-construction runoff control BMPs from the CASQA BMP manuals and reference materials. However, the Annual Report does not state explicitly that 100% of construction projects approved in the 2007-08 permit year complied with this requirement.
  - The SWMP states that the City will check developer-selected BMPs against the CASQA BMP manuals and reference materials and the City's grading ordinance. However, the Annual Report does not state explicitly that 100% of construction projects approved in the 2007-08 permit year complied with this requirement.
  - The SWMP states that the City will apply General Permit Attachment 4 design standards to projects that fall into one of the categories listed in Attachment 4 Section B. However, the Annual Report does not state explicitly that 100% of construction projects approved in the 2007-08 permit year complied with this requirement.
4. BMP 5.5 – Long-Term Operation and Maintenance of BMPs:
  - The SWMP states that the City will require reports from developers, homeowners, and City maintenance staff describing inspection and maintenance efforts regarding post-construction stormwater controls, and the operational status of the controls. However, the Annual Report does not state explicitly that the City received reports for 100% of the post-construction stormwater controls throughout the City.
  - The SWMP states that publicly-owned post-construction stormwater control BMPs will be funded through maintenance districts, while privately-owned BMPs will be

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funded through developer/HOA funds. However, the Annual Report does not state explicitly that funding vehicles are in place and functioning to finance the long-term maintenance of 100% of the post-construction stormwater controls throughout the City.

- The SWMP states that the City will require inspection of post-construction stormwater BMPs during construction, immediately after construction, and at set times following construction. However, the Annual Report does not state explicitly that 100% of the required inspections occurred during the 2007-08 permit year.
- The SWMP states that the City will maintain a log of all inspections and enforcement actions. However, the Annual Report does not indicate the number of post-construction stormwater BMPs under construction or recently completed within the City, or state that 100% of these BMPs were inspected and the inspections documented in the log.

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**Action:** Provide this information **as an addendum to the 2007-08 annual report**, and ensure that it is included **in the 2008-09 annual report** and **in future annual reports**.

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### **Addendum:**

#### 1. BMP 5.1 – Site Design Requirements:

For the 2007-08 reporting period, there was no residential development. The Bella Terra Residential Subdivision construction started in 2006 and most of the onsite improvements were completed in August 2007. The approved lots within this subdivision had impervious surface coverage less than 40%.

For the 2007-08 reporting period, the City issued building permits for the Housing Authority Projects, Phases 2 and 3. Stormwater runoff from these two projects discharged into underground infiltration basins located within their own private properties. No stencil on private storm drain inlets was done within their own private properties.

The City also issued building permits for the Gabilan Apartment project for the 2007-08 reporting period. Stormwater runoff from this project discharged into underground infiltration basins located within its own private property. No stencil on private storm drain inlets was done within its own private property.

#### 2. BMP 5.2 – Detention Basin Requirement.

For the 2007-08 reporting period, the City issued building permits for the Housing Authority Projects, Phases 2 and 3. The City required Housing Authority to discharge stormwater runoff into underground infiltration basins located within their own private properties.

The City also issued building permits for the Gabilan Apartment project for the 2007-08 reporting period and required the developers to discharge stormwater runoff into underground infiltration basins located within its own private property.

#### 3. BMP 5.3 – Post-Construction Stormwater Runoff Strategies and Design Standards.

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For the 2007-08 reporting period, the City issued building permits for the Housing Authority Projects, Phases 2 and 3. The City required Housing Authority to discharge stormwater runoff into underground infiltration basins located within their own private properties. The City also required the developers to construct oil/grease/debris traps before runoff was discharged to the infiltration basin. Developer's engineer discussed the need to maintain the trap with the property owners and provided the owners with maintenance brochures and instructions. City staff also discussed the need to install the traps and duties to maintain the traps and clean the trap annually during the planning stage.

The City also issued building permits for the Gabilan Apartment project for the 2007-08 reporting period. The City required the developers to discharge stormwater runoff into underground infiltration basins located within its own private property. The City also required the developers to construct oil/grease/debris trap before runoff was discharged to the infiltration basin. Developer's engineer discussed the need to maintain the trap with the property owners and provided the owners with maintenance brochures and instructions. City staff also discussed the need to install the traps and duties to maintain the traps and clean the trap annually.

The above three projects fell into one of the categories listed in Attachment 4, Section B, and complied with City standards.

#### 4. BMP 5.5 – Long-Term Operation and Maintenance of BMPs.

- For the 2007-08 reporting period, the City issued building permits for the Housing Authority Projects, Phases 2 and 3, and the Gabilan Apartment project. The Housing Authority projects completed in December 2008 and the Gabilan Apartment project completed in January 2009. These three projects contained stormwater runoff onsite by infiltration basins that included oil/grease/debris traps. The City did not require any report from the property owners on the maintenance and operation of the traps. If and when the traps or the infiltration does not work properly due to lack of maintenance, stormwater will flood the onsite low areas and necessitate the need to repair or clean the traps.
- The two Housing Authority projects are owned by Housing Authority, a public agency. The Gabilan Apartment project is owned by a private corporation. These property owners are responsible for the maintenance and repair of all the onsite storm drain systems. There was no publicly-owned post-construction stormwater control BMPs during this reporting period.
- City staff inspected all projects during construction and after completion to make sure compliance with the approved SWPP and adopted BMP's. City inspection occurred daily during construction and at least monthly after completion of the project for the first 6 months.