NPDES CGP SWPPP Template for FDOT Projects

This template was produced to meet the requirements of the State of Florida Department of Environmental Protection NPDES Generic Permit for Stormwater Discharge from Large and Small Construction Activities (CGP), effective 02/2015, Table 4.7.1.

This template is intended for use on traditional design-bid-build contracts. The information for each item is intended to be supplied the entity identified in parentheses. (Contractor) refers to the Department’s construction contractor and subcontractor(s). (Design) refers to the Department’s in-house or consultant design team. (Design/Contractor) items are intended to be initially provided by Design and supplemented, as needed, by the Contractor.

Italic text was obtained directly from DEP Document No. 62-621.300(4)(a) effective 02/2015. In all cases, the requirements listed in the NPDES CGP shall control.

Submit all required documents associated with the NPDES CGP prior to the preconstruction conference in accordance with FDOT Standard Specification Section 104.

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# **(Contractor)** Stormwater Team

## Identify the personnel (by name or position) that are part of the stormwater team responsible for implementing the SWPPP, including the qualified inspector. List their individual responsibilities in developing or implementing the SWPPP.

|  |  |  |
| --- | --- | --- |
| **Name or Position**  | **Qualified Inspector (Yes/No)****(if Yes, provide FDEP Certification Number)** | **Responsibilities** **(Developing or implementing)** |
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Note: If additional rows are needed, attach supplemental table.

# **(Contractor)** Contractors/Subcontractors

## List all the contractors or subcontractors who will be conducting construction activities at the site, and identify the areas of the site in which they will be working. All listed contractors and subcontractors must sign the certification.

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| --- | --- |
| **Company Name** | **Work Area** |
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Note: If additional rows are needed, attach supplemental table.

# **(Contractor)** Signed Certifications

Complete FDOT Contractor Certification - NPDES Generic Permit for Storm Water Discharges From Large and Small Construction Activities ([FDOT Form No. 650-040-07](https://pdl.fdot.gov/api/form/downloadAttachment/10980997)) for the Contractor and all subcontractors that are conducting construction activities at the site, including but not limited to, installing, maintaining, and inspecting erosion control items, environmental sampling and testing activities, earthwork, dewatering, paving, etc.

*"I certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan."*

|  |  |  |
| --- | --- | --- |
| **Name** | **Title** | **Form 650-040-07 Completed** |
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Note: If additional rows are needed, attach supplemental table.

# Site/Construction Activities

**(Design)** Describe the nature of the construction activity.

**(Contractor)** Describe the intended sequence and time table of major activities that will disturb soils.

**(Contractor)** Include the scheduled starting and ending date for each major activity such as land clearing, grubbing, grading, cut and fill, dewatering operations, installation of erosion and sediment controls, installation of stormwater management systems, paving, final or temporary stabilization of exposed soil, and removal of construction equipment and vehicles.

|  |  |  |
| --- | --- | --- |
| **Major Activity** | **Start Date** | **End Date** |
|       |       |       |
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Note: If additional rows are needed, attach supplemental table.

## Estimate the total area of the site and the total area that is expected to be disturbed by excavation, grading, or other construction activity.

|  |  |  |
| --- | --- | --- |
| **(Design)** Total area of site – (as shown on Contract Plans)  |       | Acre(s) |
| **(Contractor)** Any additional area(s) outside project limits  |       | Acre(s) |
| **Total** |       | Acre(s) |
| **(Design)** Total Area expected to be disturbed by excavation or grading as shown on Contract Plans |       | Acre(s) |
| **(Contractor)** Any additional areas expected to be disturbed by other construction activities (staging, stockpiling, etc.)  |       | Acre(s) |
| **Total** |       | Acre(s) |

**(Design)** Include existing data on soil types and the quality of any existing discharge from the site.

Existing data on soil types is provided on the Roadway Soil Survey sheet in the Contract Plans Set.

(Add site specific water quality information, if applicable)

**(Design/Construction) \*** For each proposed discharge point provide the following:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Latitude** | **Longitude** | **Station** | **Offset** | **Drainage Area (acres)** | **Discharge to Surface Water or MS4** |
|       |       |       |       |       |       |
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\*If temporary/interim discharge points used during construction to be provided by contractor, if applicable.

**(Contractor)** Estimate the amount of land that will be cleared during the construction activity for each drainage area.

# Site Map

## Include a site map showing all of the following:

**(Design)** Develop the Stormwater Runoff Control Concept (SRCC) in accordance with FDOT Design Manual (FDM) Chapters 251 and 908. The SRCC is developed to support the temporary erosion and sediment control summary of pay items listed within the Estimated Quantities Report.

**(Contractor)** Update or add to the SRCC to develop the NPDES CGP Site Map, as applicable:

## Boundaries of the property (any additional areas used by contractor outside the limits shown in the Contract Plans Set)

## Entrance/Exit Points

## Locations where construction activities will occur.

## Locations where dewatering operation will occur.

## Drainage patterns and approximate slopes and elevations anticipated after major grading activities.

## Areas of soil disturbance.

## Location of major structural and nonstructural controls.

## Location of areas where stabilization practices are expected to occur.

## Location where stormwater is proposed to be discharged during construction to a surface water or MS4.

The Design File Reference Table (below) lists various CADD files that may be used to develop and/or support the CGP Site Map.

|  |
| --- |
| **Design File Reference Table** |
| **Site Map Elements** | **Contract Plan**  | **CADD.zip Folder** | **File Name** |
| Boundaries of the property | Plan Sheets  | Roadway | Planrd\* Ref: rwdtrd\* |
| Locations where construction activities will occur | Plan Sheets | Roadway | Planrd\* |
| Drainage patterns | Drainage Map | Drainage | Drmprd\* |
| Approximate slopes and elevations anticipated after major grading activities | Plan/Profile SheetsCross Sections | Roadway | Planrd\*Rdxsrd\* |
| Pond Sheet(s) Bridge Hydraulic Recommendation Sheet(s)Lateral Ditch XS Sheet(s) | Drainage | Pdplrd\*Pdxsrd\*Ldxsrd\* |
| Areas of soil disturbance | Typical SectionPlan Sheets | Roadway | Planrd\*Qtdsrd\* clearing and grubbing limits model |
| Areas which will not be disturbed | Plan Sheets | Roadway | Planrd\* |
| Location of major structural and nonstructural controls | Plan SheetsEstimated Quantities Report | Roadway | Planrd\* Ref: Drprrd\*Qtdsrd\* E&SC pay item models |
| Location of areas where stabilization practices are expected to occur | Typical SectionPlan SheetsEstimated Quantities Report | Roadway | Typsrd\*Planrd\*Qtdsrd\* Turf pay item models |
| Location of surface waters and wetlands | Plan Sheets | Roadway | Planrd\* Ref: wetlrd\* |
| Location where stormwater is proposed to be discharged during construction to a surface water or MS4 | Plan SheetsDrainage Map | RoadwayDrainage | Planrd\* Ref: Drprrd\*Drmprd\* |

# **(Contractor)** Non-Stormwater Discharges

## List all non-stormwater discharges covered under this permit and the pollution prevention procedures that will be implemented.

*You can discharge the following types of non-stormwater discharges, if they are listed in your SWPPP and your SWPPP includes appropriate pollution prevention procedures as to not cause or contribute to a violation of water quality standards.*

The following table is a list of the allowable CGP non-stormwater discharges from CGP Part 3.2.

|  |  |  |
| --- | --- | --- |
| **Included (Y/N)** | **Discharge Type** | **Pollution Prevention Procedures to be implemented** |
|       | Discharges from firefighting activities. |       |
|       | Fire hydrant flushings. |       |
|       | Waters without detergents used to spray off loose solids from vehicles. |       |
|       | Waters used to control dust. |       |
|       | Potable water sources such as waterline flushings. |       |
|       | Landscape irrigation water and drainage. |       |
|       | Routine external building washdown provided no detergents are used. |       |
|       | Pavement washwaters that do not contain detergents, leaks, spills of toxic or hazardous materials. |       |
|       | Air conditioning condensate. |       |
|       | Spring water. |       |
|       | Foundation or footing drain flows that are not contaminated with process material such as solvents. |       |
|       | Noncontaminated ground water associated with dewatering activities as described in Part 3.4. |       |

See NPDES CGP Part 3.3 for prohibited non-stormwater discharges.

# **(Contractor)** Dewatering Controls, if applicable

## Include a description of the BMPs that will be used to ensure that discharges of noncontaminated ground water from dewatering operations do not cause or contribute to violations of state water quality standards.

# **(Contractor)** BMPs

Describe the BMPs that will be implemented for each major activity and the timing during the construction process that they will be implemented. (See Part 5 )

# **(Design)** Permanent Stormwater Management Controls

## Describe the stormwater management controls or BMPs (e.g., stormwater detention or retention systems, vegetated swales, or velocity dissipation devices at discharge points) that will be installed during the construction process to control pollutants in stormwater discharges. (See Part 5.7)

# **(Contractor)** Inspections

## Must be at least once every seven calendar days and within 24- hours of the end of a storm event that is 0.50 inches or greater (even if it rains on the weekend or a holiday). Your site must be inspected by a qualified inspector that you must provide (See Part 6).

Inspections are required to be documented on [FDOT Form 650-040-03](https://pdl.fdot.gov/api/form/downloadAttachment/10980991). Maintain records in accordance with the NPDES CGP.

Responsible Authority for NPDES CGP – per Rule 62-620.305, F.A.C.

|  |  |  |
| --- | --- | --- |
| Company | Name | Position |
|       |       |       |

Duly Authorized Representative(s)

*A duly authorized representative is a person who has been designated by the responsible authority to sign documents relating to this permit on the responsible authority’s behalf. A responsible authority may authorize a duly authorized representative by submitting to the* *Notices Center**, by email or in writing an authorization that names either an individual or a position having overall responsibility for the operation of the your project, such as the project engineer, project superintendent, a position of equivalent responsibility, or an individual or position having overall responsibility for implementing the CGP at the site.*

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| Company | Name | Position | Delegation of Authority letter submitted to Notices Center |
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Note: If additional rows are needed, attach supplemental table.

# **(Contractor)** Maintenance

*Describe the maintenance activities and schedules that will be followed to keep BMPs in good and effective operating condition.*