



Engineer's Certification of Surface Water Management Systems

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Discussion Topics

- Construction Commencement Notice (CCN)
- Annual Status Reports
- Construction Completion Certification (CCC)
- Questions

Construction Commencement Notice (CCN)

- Rule 40E4.381(d) F.A.C. states that “The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued...”
- Not required to be signed or sealed by a Florida licensed Professional Engineer
- Construction Commencement Notice – Form 0960 can be found on-line at:
https://my.sfwmd.gov/portal/page?_pageid=734,1456589,734_1456614&_dad=portal&_schema=PORTAL

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

**Environmental Resource/Surface Water Management Permit
Construction Commencement Notice**

Mail to:
South Florida Water Management District
Environmental Resource Compliance

PERMIT NO. _____ APPLICATION NO. _____
PROJECT NAME _____ PHASE _____

Construction of the surface water management system, authorized by the above referenced Environmental Resource/Surface Water Management Permit and Application, is expected to commence on _____, 20____ and will have an estimated completion date of _____, 20_____.

Should the construction term extend beyond one year, we agree to submit Form No. 0961 Environmental Resource/Surface Water Management Permit Annual Status Report for Surface Water Management System Construction to the District.

PLEASE NOTE: If the actual construction commencement date is not known within 30-days of issuance of the permit, District staff should be so notified in writing. As soon as a construction commencement date is known the permittee shall submit a completed construction commencement notice form.

Permittee's or Authorized Agent's Signature

Company

Print Name

Title

Date

E-mail

Phone Number

Construction Commencement Notice

Form 0960

Forms located at:

https://my.sfwmd.gov/portal/page?_page_id=734,1456589,734_1456614&_dad=portal&_schema=PORTAL

Annual Status Report

- Rule 40E4.381(e) F.A.C. states “When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis...”
- Not required to be signed or sealed by a Florida licensed Professional Engineer
- Annual Status Report – Form 0961 can be found on-line at:
https://my.sfwmd.gov/portal/page?_pageid=734,1456589,734_1456614&_dad=portal&_schema=PORTAL

Construction Completion Certifications (CCC) Introduction

- Rule 40E4.381(f) F.A.C. states “Within thirty (30) days of completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a professional engineer....”
- Construction Completion Certification of the project is required before the permit can be converted from the “Construction Phase” to the “Operation Phase” and transferred from the Developer to the Operating Entity.

Construction Completion Certifications (CCC) Certification Backlog

- Hundreds of projects had not been certified as of January 1, 2001. This was defined as the Backlog
- Backlog – Uncertified projects permitted between January 1, 1992 and December 31, 2000
- Current – Projects permitted after January 1, 2001
- In 2003/2004 the District initiated Rule Making and adopted a simplified process for addressing the Backlog for older projects. This included:
 - Relaxed lake side slope criteria
 - Language on the certification form confirming that SWMS is currently functioning as intended
 - Language on the certification form confirming that the SWMS is being adequately maintained
- Since implementation of the modified process, the Backlog has been reduced by over 50%

Construction Completion Certifications (CCC) Certification Process

- Projects permitted after October 3, 1995 use Form 0881A
- Projects permitted prior to October 3, 1995 use Form 0881B
 - Will accept lake side slopes of up to 2:1 (h:v)
 - Includes a statement that the surface water management system is currently functioning as intended
- Forms located at:

https://my.sfwmd.gov/portal/page?_pageid=734,1456589,734_1456614&dad=portal&schema=PORTAL

South Florida Water Management District

ENVIRONMENTAL RESOURCE / SURFACE WATER MANAGEMENT PERMIT SURFACE WATER MANAGEMENT SYSTEM CONSTRUCTION COMPLETION CERTIFICATION

ENVIRONMENTAL RESOURCE COMPLIANCE DIVISION

Permit No. _____ Application No(s) _____
Project Name _____ Phase _____

The subject surface water management system has been designed, constructed and completed as follows (check all that apply):

DISCHARGE STRUCTURE(S) Please provide the requested information for all permitted discharge structures. Attach additional sheets if needed.

Structure Identification Number: _____
 Weir: width _____ crest _____
 Bleeder: type _____ dimensions _____ invert _____
 Additional discharge structure information attached.

RETENTION/DETENTION AREA(S): Please provide the requested information for all permitted retention/detention areas. Attach additional sheets if needed.

Retention/Detention Area Identification Number: _____ Size (acres) _____
Side Slope (h:v) _____

- Additional retention/detention area information attached.
- EXFILTRATION TRENCH** - Confirmation of cross-section with pipe size and invert, trench width, height and length is provided on the attached.
- CONVEYANCE SYSTEM ONLY** - The components of the permitted surface water management consist of inlets, pipes or other form of conveyance system. Confirmation of ditches, canals, and/or swales with cross-sections, pipe diameters, inverts, and lengths is provided on the attached.

Please indicate the location of the benchmark(s) used to determine the above information on the record drawings (40E-4.381(1)(f), F.A.C. Code). All elevations should be according to National Geodetic Vertical Datum (NGVD).

I HEREBY NOTIFY THE DISTRICT OF THE COMPLETION OF CONSTRUCTION OF ALL THE COMPONENTS OF THE SURFACE WATER MANAGEMENT FACILITIES FOR THE ABOVE REFERENCED PROJECT AND CERTIFY THAT THEY HAVE BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS PERMITTED BY THE DISTRICT. [A COPY OF THE APPROVED PERMIT DRAWINGS IS ATTACHED WITH DEVIATIONS NOTED, IF APPLICABLE.]

Engineer's Signature, Seal and Date: _____ Please Print or Type
 Engineer's Name _____
 Company Name _____
 Address _____
 Authorization No. of Engineering Business (if applicable) _____
 Telephone Number _____
 E-mail _____

Form 0881A

South Florida Water Management District

SURFACE WATER MANAGEMENT PERMIT SURFACE WATER MANAGEMENT SYSTEM CONSTRUCTION COMPLETION CERTIFICATION – FOR PROJECTS PERMITTED PRIOR TO OCTOBER 3, 1995.

ENVIRONMENTAL RESOURCE COMPLIANCE DIVISION

Permit No. _____ Application No(s) _____
Project Name _____ Phase _____

The subject surface water management system has been constructed and completed as follows (check all that apply):

DISCHARGE STRUCTURE(S) Please provide the requested information for all permitted discharge structures. Attach additional sheets if needed.

Structure Identification Number: _____
 Weir: width _____ crest _____
 Bleeder: type _____ dimensions _____ invert _____
 Additional discharge structure information attached.

RETENTION/DETENTION AREA(S): Please provide the requested information for all permitted retention/detention areas. Attach additional sheets if needed.

Retention/Detention Area Identification Number: _____ Size (acres) _____
Side Slope (h:v) _____

- Additional retention/detention area information attached.
- The surface water management system is currently functioning as intended by the permit, including level of water quality treatment, level of flood protection, and storm attenuation.
- All wet retention/detention area side slopes have been adequately maintained and stabilized to support the operation of the surface water management system.
- EXFILTRATION TRENCH** - The downstream mechanism (weir) designed to retain water in the exfiltration trench is installed at the permitted elevation, in substantial conformance with the permit. Also, attached is a certified drawing with the current dimensions, including length and crest elevation, of the permitted weir.
- CONVEYANCE SYSTEM ONLY** - The components of the permitted surface water management consist of inlets, pipes or other form of conveyance system. Confirmation of ditches, canals, and/or swales is provided on the attached cross-sections.

Please indicate the location of the appropriate benchmark(s) used to determine the above information on the record drawings (40E-4.381(1)(f), F.A.C.). All elevations should be according to National Geodetic Vertical Datum (NGVD).

I HEREBY NOTIFY THE DISTRICT OF THE COMPLETION OF CONSTRUCTION OF ALL THE COMPONENTS OF THE SURFACE WATER MANAGEMENT FACILITIES FOR THE ABOVE REFERENCED PROJECT AND CERTIFY THAT THEY HAVE BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS PERMITTED BY THE DISTRICT, WITH EXCEPTIONS AS NOTED ABOVE. [A COPY OF THE APPROVED PERMIT DRAWINGS IS ATTACHED WITH DEVIATIONS NOTED, IF APPLICABLE.]

Engineer's Signature, Seal and Date: _____ Please Print or Type
 Engineer's Name _____
 Company Name _____
 Address _____
 Authorization No. of Engineering Business (if applicable) _____
 Telephone Number _____
 E-mail _____

Form 0881B

Construction Completion Certifications (CCC)

Certify “older” projects using Form 0881B

- Need to complete and submit Form 0881B including:
 - Document acreages of existing surface water management areas
 - Document condition of existing discharge structure(s)
 - Verify that lake side slopes are no steeper than 2:1 (h:v)
 - Form must be signed and sealed by a Florida licensed Professional Engineer
 - No known flooding problems and/or deficiencies







MAR 29 2007



APR 17 2008



SEP 11 2007





FEB 1 2006














ACK

ROW-17
CF-0436
SI
15A

JAN 29 2008



MAY 15 2007



Row 10
CF8001A
W 4
29E 30"
4/27MH

APR 2 2008









OCT 11 2007





OCT 11 2007





JUL 28 2004



MAY 25 2004



FEB 6 2008



NOV 2 2006





SEP 6 2007



MAY 11 2005









FEB 27 2008





FEB 27 2008







AUG 14 2007



JUL 26 2006





Construction Completion Certifications (CCC) Conclusion

- Compliance with permit conditions results in quality projects
- A minimum of three (3) deliverables are required for every project. They are the:
 1. Construction Commencement Notice,
 2. Annual Status Report, and
 3. Construction Completion Certification
- The District has committed to eliminating the construction Completion Certification backlog in ten years.
- The District will pursue enforcement action for non-compliance with permit conditions to mandate compliance.