

STANDARD GENERAL ENVIRONMENTAL RESOURCE STORMWATER PERMIT
TECHNICAL STAFF REPORT
March 20, 2001
APPLICATION #: 42-069-67971-1

| DATE RECEIVED: | DATE COMPLETED: | 21ST DAY: | 28TH DAY: |
|-----------------------|------------------------|------------------|------------------|
| September 18, 2000 | February 26, 2001 | March 19, 2001 | March 26, 2001 |

Applicant: SOLO Development Corp.
908 South Delany Ave.
Orlando, FL
32806
(407) 422-3144

Agent: Kelly Collins & Gentry Inc
Attn: Scott M Gentry
1600 E Robinson St Suite 400
Orlando, FL
32803
(407) 898-7858

Project Name: 7 - Eleven SR 50 & Hancock Rd.
Project Acreage: 1.730
Planning Unit: Lake Apopka
Special Basin Criteria: Ocklawaha River
Receiving Water Body: Wetlands to the southeast **Class:** III Fresh.
County: Lake
Correct Fee Submitted: Yes **Amount Received:** \$350.00

Authority: 40C-42.022(1)(a)

Type of Treatment: Retention
Type of Development: Commercial
Type of System: New Stormwater System
Final O&M Entity: SOLO Development Corporation
Wetland Review Approval Received: Yes

Mean Annual Storm Attenuation Provided: Yes
Recovery of Water Quality Vol. Within Req. Time: Yes
Recovery of Peak Attenuation Vol. Within Req. Time: Yes

STAFF COMMENTS:

The project site is located at the southeast corner of State Road 50 and Hancock Road, in Lake County. The proposed project includes the construction of a 2,960 square foot convenience store, parking facilities, driveways, stormsewers and associated master stormwater treatment system.

The proposed 1.73 acre 7-11 project is part of an overall 4.07 acre tract of land which also includes a 2.36 acre future development parcel (*Site Basin 1*).

A single dry master retention pond will be constructed to accommodate runoff from the developed 7-11 site, the future development parcel (*Site Basin 1*) and off-site runoff from a portion of the future Hancock Road widening. The design parameters established for the master stormwater treatment pond include a maximum of 1.01 acres of impervious surface for the 7-11 site, a maximum of 1.77 acres of impervious surface for the future development parcel (*Site Basin 1*) and a maximum of 1.18 acres of impervious surface for the future Hancock Road widening.

It is contemplated that in the future, additional buildings, parking and customer access drives will be constructed on the *Site Basin 1* parcel. The applicant is aware that a modification to this permit will then be required.

The proposed storm water management system is designed to attenuate the peakrates of discharge for both the mean annual and the 25-year, 24-hour storm events. Sufficient storage is provided within the pond to retain the pre/ post-development runoff volume generated from the 25-year 96-hour storm event.

The applicant has provided assurances that this project, as proposed, is consistent with the design criteria and objectives of the District set forth in Chapter 40C-42, F.A.C.

Authorization Statement:

A new stormwater system with stormwater treatment by retention to serve 7 - Eleven SR 50 & Hancock Rd., a 1.73-acre project to be constructed as per plans received by the District on February 26, 2001.

Interested Parties: No

Objectors: No

Conditions for Application Number 42-069-67971-1:

ERP Stormwater General Conditions by Rule (October 03, 1995):

1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

ERP/MSSW/Stormwater Special Conditions (November 09, 1995):

10, 13, 28

Other Conditions:

1. If the permittee intends to subdivide or sell off any portion of the property containing the stormwater system, then prior to the sale of any lot or parcel, the permittee will need to submit to the District for District approval draft operation and maintenance documents meeting the requirements of Rule 40C-42.027, Florida Administrative Code. Upon written approval by the District, those operation and maintenance

documents must be recorded, if appropriate.

2. For those systems that are proposed to be operated and maintained by a governmental or other entity as set forth in Rule 40C-42.027, final operation and maintenance documents must be received and approved by the District upon acceptance by the entity of the operation and maintenance of the system. Failure to submit the appropriate documents will result in the permittee remaining liable for the operation and maintenance of the permitted system.
3. Prior to any construction within the future development area, the appropriate modification to this permit must be obtained from the District.

Reviewers: Ruth Grady
Victoria Nations

This project as proposed in submitted plans, is consistent with the rules and regulations as set forth in Chapter 40C-42, F.A.C.

Reviewer: _____ Date: _____

Supervising Professional Engineer: _____ Date: _____