



Jack Long, Director
Southeast District Office

Florida Department of Environmental Protection

Southeast District Office
400 N. Congress Avenue, Suite 200
West Palm Beach, FL 33401
(561) 681-6600

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

March 2, 2009 ELECTRONIC CORRESPONDENCE

NOTICE OF PERMIT REVISION

Mr. Ted E. Robbins, P.E.
Technical Services Administrator
Martin County Utilities
P.O. Box 9000
Stuart, FL 34995
Email: trobbsins@martin.fl.us

PA File No. FL0043214-006-DW1P-MR
Martin County
DW- MCU Tropical Farms WWTF and
Consolidated Regional Reuse System
FL0043214

Dear Mr. Robbins:

RE: The addition of a New Public Access Reclaimed Water Site – Willoughby Golf Course
South Central Regional WWTF
DEP Application No. FL0043214-006-DW1P-RM

The Department has reviewed your application, received at this office on September 17, 2008 to revise Permit Number FL0043214 for the addition of a new reclaimed water public access irrigation site at Willoughby Golf Course. The request for permit revision is hereby approved in accordance with Section 403.087, Florida Statutes, subject to the following conditions:

Permit Number FL0043214 is modified as given below:

- **Addition of New Land Application Site**

A new public access irrigation site, Willoughby Golf Course, is authorized and added to existing Reuse System R-001. Reclaimed water will be provided by the high level disinfection treatment system as previously permitted by the Department under permit application number FL0043214-005-DW1P. The new site is comprised of approximately 163 acres to be used for irrigation. With a design flow rate of 0.250 MGD AADF, the hydraulic loading rate will be approximately 0.4 inch/week of reclaimed water.

- **Add Surface Water Discharge**

A new reclaimed water permitted flow to the stormwater storage lakes at Willoughby Golf Course, with an intermittent discharge of effluent, diluted with stormwater and ground water, to the Coral Gardens Canal (Class III fresh waters) at Discharge Location (D-005). The point of discharge is located approximately at latitude 24° 20' 00" N, longitude 82° 46' 40" W. The stormwater storage lakes are used to store Public Access Irrigation Quality reclaimed water permitted under Part III, F.A.C. Rule 62-610.

I. RECLAIMED WATER AND EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

- During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized an intermittent discharge of combined reclaimed water and stormwater from Outfall D-005 to the Coral Gardens Canal. The Willoughby Golf Course stormwater lake (MSSW) system is used for storage of reclaimed water. Such discharge shall be limited and monitored by the permittee as specified below:

			Reclaimed Water Limitations				Monitoring Requirements			
Parameter	Units	Max/Min	Annual Average	Monthly Average	Weekly Average	Single Sample	Monitoring Frequency	Sample Type	Monitoring Location Site Number	Notes
Reclaimed Water Flow - Into MSSW Willoughby GC Lake 21	mgd	Maximum	Report	-	-	-	Continuous	Meter	PPI-05	See I.2, 3, 5
Flow - Out of MSSW Willoughby GC Lake 21	N/A	N/A	-	-	-	-	Each Occurrence	Visual	STM-06	See I.4, 6

- Reclaimed water flow measurements shall be taken at the monitoring site locations listed in Permit Condition I.1. and as described below:

Monitoring Location Site Number	Description of Monitoring Location
PPI-05	Reclaimed Water Metering Facility located near the western corner of Lake 21.

- Reclaimed water flow into Willoughby Golf Course at Blue Lake 21 will be maintained at an elevation at least 0.1 ft below the invert of the bleeder at the Control Structure at Lake 21. Discharge of reclaimed water to the pond shall be ceased when the operational level in the lake as given below is reached.

Monitoring Location Site Number	Operational Level	Description of Monitoring Location MSSW Discharge Structures
STM-05	13.16 ft	Water level sensor in stilling well at Lake 21.

4. The reclaimed water/stormwater flow from Willoughby Golf Course at Blue Lake 21 (over the weir) shall be reported monthly to the Department as specified in I.6., at the monitoring site location listed below.

Monitoring Location Site Number	Control EL. Weir	Description of Monitoring Location MSSW Discharge Structures
STM-06	16.7 ft	Control Structure at Lake 21

5. The permittee shall report the reclaimed water flow to the Stormwater storage ponds, annual average daily flow (AADF), using the attached DMRs.
6. The permittee shall report the following for each of the permitted Stormwater storage ponds intermittent discharge (flow out of Stormwater pond) as follows, using the attached DMRs.
- Name/description of Stormwater pond/lake
 - Name of golf course or other reuse system
 - Control elevation feet (M.S.L.) i.e., "No Discharge Elevation"
 - List days of the month on which there were discharges from (a.)
 - Name of receiving water

TO:

Department of Environmental Protection
Southeast District / Port St. Lucie Office
1801 Hillmoor Drive, Suite C-204
Port St. Lucie, Florida 34952

with copies to the Department's Office in Tallahassee submitted to:

Florida Department of Environmental Protection
Wastewater Facilities Regulation Section, Mail Station 3551
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

III. GROUND WATER MONITORING REQUIREMENTS

Operational Requirements

1. The following monitoring wells shall be sampled quarterly for Land Application System R-001:

Willoughby Golf Course

WELLS	DESIGNATION	LOCATION
MWC-16	Background	In median of Poneroy St., approx. 600' SW of receiving pond.
MWC-17	Compliance	North side of Indian St., approx. 150' N of Willoughby property line. City of Stuart Well #26.

2. The following parameters shall be analyzed for each of the monitoring well(s) identified in Permit Condition(s) III.3, 4:

 Water level (field measurement)
 Nitrate (as N)
 Total dissolved solids
 Fecal Coliform
 pH
 Sulfate
3. Ground water monitoring parameters shall be analyzed in accordance with Chapter 62-601, F.A.C. [62-620.610(18), 11-29-94]
4. Ground water monitoring test results shall be submitted on Part D of Form 62-620.910(10). Results shall be submitted with each DMR for each year during the period of operation allowed by this permit in accordance with Permit Condition s. [62-522.600(10) and (11) (b), 4-14-94] [62-601.300(3), 62-601.700, and Figure 3 of 62-601, 5-31-93] [62-620.610(18), 11-29-94]
5. Ground water monitoring wells shall be purged prior to sampling to obtain representative samples. [62-601.700(5), 5-31-93]
6. In accordance with Part D of Form 62-620.910(10), water levels shall be recorded before evacuating wells for sample collection. Elevation references shall include the top of the well casing and land surface at each well site (NGVD allowable) at a precision of plus or minus 0.1 foot. [62-610.424(3), 4-2-94]
7. For those reuse sites with installed monitoring wells not using reuse water, the wells must be sampled at least once a year during the no use period. When reclaimed water use starts; sampling must begin within ninety (90) days. Should the use of reclaimed water become intermittent the permittee will be required to sample quarterly regardless of the intermittent use periods. [BPJ]

Update of Cross-Connection Control Program

The Permittee shall submit an updated cross-connection control plan to the Department and the Department of Health for review and approval within one year of the date of this permit revision. Such plan shall be prepared to meet the requirements of Rules 62-555.360, F.A.C., and 62-610.469(7), F.A.C., or otherwise applicable rules at the time of submittal.

All other applicable permit conditions remain unchanged. This Notice of Permit Revision shall become a part of the permit and must be attached to the permit.

The Department's proposed agency action shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes, within fourteen days of receipt of notice. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Under Rule 62-110.106(4), Florida Administrative Code, a person may request enlargement of the time for filing a petition for an administrative hearing. The request must be filed (received by the clerk) in the Office of General Counsel before the end of the time period for filing a petition for an administrative hearing.

Petitions by the applicant or any of the persons listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), Florida Statutes, must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within fourteen days of receipt of notice shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573, Florida Statutes, is not available for this proceeding.


This permit action is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this permit will not be effective until further order of the Department.

Any party to the permit has the right to seek judicial review of the permit action under Section 120.68, Florida Statutes, by the filing of a notice of appeal under Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000; and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when this permit action is filed with the clerk of the Department.

Mr. Ted E. Robbins, P.E.
Technical Services Administrator
Martin County Utilities
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Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


 Linda A. Brien, P.G.
 Water Facilities Administrator
 Southeast District

03/02/09
 Date

LAB/TP/ba: FL0043214-006-DW1P-RM

cc: Blake Peters, P.E., Kimley-Horn and Associates, Inc., Blake.Peters@kimley-horn.com
Mark D. Miller, P.E., Kimley-Horn and Associates, Inc., Mark.Miller@kimley-horn.com
Bill Thiel, DEP/PSL, William.Thiel@dep.state.fl.us
Mike Bechtold, P.E., DEP/SED, Mike.Bechtold@dep.state.fl.us

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT REVISION and all copies were mailed by electronic mail before the close of business on March 2, 2009 to the listed persons.

(Date)

FILING AND ACKNOWLEDGMENT

FILED, on this date, under section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

d. Kien Boy 3/2/09
Clerk Date

**FACT SHEET
FOR
STATE OF FLORIDA
DOMESTIC WASTEWATER FACILITY PERMIT**

PERMIT NUMBER: FL0043214

FACILITY NAME: MCU Tropical Farms WWTF and Consolidated
Regional Reuse System

FACILITY LOCATION: Stuart
Martin County

NAME OF PERMITTEE: Martin County Utilities

PERMIT WRITER: Bradley Akers

1. SYNOPSIS OF APPLICATION

a. Chronology of Application

Application Date: September 17, 2008
Additional Information: November 4, 2008
Application Complete: December 12, 2008
Public Notice Date: N/A

b. Type of Facility

Domestic Wastewater Treatment Plant
Publicly-owned treatment works
Standard Industrial Classification Code: 4952

c. Facility Capacity

Existing Design Capacity:	3.02	mgd
Proposed Increase in Design Capacity:	0.0	mgd
Proposed Total Design Capacity:	3.02	mgd
Existing Permitted Capacity:	3.02	mgd
Proposed Increase in Permitted Capacity:	0.0	mgd
Proposed Total Permitted Capacity:	3.02	mgd

Description of Effluent or Reclaimed Water Discharges (as reported by applicant)

New Land Application Site:

A new public access irrigation site, Willoughby Golf Course, is authorized and added to existing Reuse System R-001. Reclaimed water will be provided by the high level disinfection treatment system as previously permitted by the Department under permit application number FL0043214-005-DW1P. The new site is comprised of approximately 163 acres to be used for irrigation. With a design flow rate of 0.250 MGD AADF, the hydraulic loading rate will be approximately 0.4 inch/week of reclaimed water.

Fact Sheet

MCU Tropical Farms WWTF and Consolidated Regional Reuse System

File # FL0043214-006-DW1P-RM

Surface Water Discharge:

A new reclaimed water permitted flow to the stormwater storage lakes at Willoughby Golf Course, with an intermittent discharge of effluent, diluted with stormwater and ground water, to the Coral Gardens Canal (Class III fresh waters) at Discharge Location (D-005). The point of discharge is located approximately at latitude 24° 20' 00" N, longitude 82° 46' 40" W. The stormwater storage lakes are used to store Public Access Irrigation Quality reclaimed water permitted under Part III, F.A.C. Rule 62-610.

Basis for Effluent and Reclaimed Water Limits and Monitoring Requirements

Land Application System R-001:

Parameter	Limit	Basis	Rationale
Flow, in conduit or thru treatment plant (MGD)	3.02	Annual Average	62-600.400(3)(b) FAC
BOD, Carbonaceous 5 day, 20C (mg/L)	20.0 30.0 45.0 60.0	Annual Average Monthly Average Weekly Average Single Sample Max.	62-610.510 & 62-600.740(1)(b)1.a. FAC 62-600.740(1)(b)1.b. FAC 62-600.740(1)(b)1.c. FAC 62-600.740(1)(b)1.d. FAC
Solids, Total Suspended (mg/L)	5.0	Single Sample Max.	62-600.440(5)(f)3 FAC & 62-610.426
pH (s.u.)	6.0 to 8.5	Minimum and Maximum	62-600.445 FAC
Coliform, Fecal (#/100ml)	200 200 400 800	Annual Average Monthly Geo. Mean 90th Percentile Single Sample Max.	62-610.510 & 62-600.440(4)(c)1. FAC 62-600.440(4)(c)2. FAC 62-600.440(4)(c)3. FAC 62-600.440(4)(c)4. FAC
Total Residual Chlorine (For Disinfection) (mg/L)	1.0	Minimum	62-610.510 & 62-600.440(4)(b) FAC 62-610.426
Nitrogen, Nitrate, Total (as N) (mg/L)	12.0	Single Sample Max.	62-610.510(1) FAC
Monitoring Frequency and Sample Type	-	All Parameters	62-601 FAC & 62-699 FAC and/or BPJ of permit writer
Sampling Location	-	All Parameters	62-610.513 FAC

Surface Water Discharge D-002:

Parameter	Limit	Basis	Rationale
Flow, in conduit or thru treatment plant (MGD)	0.25	Annual Average	62-600.400(3)(b) FAC

2. APPLICABLE RULES

The following were used as the basis of the permit limitations/conditions:

Fact Sheet

MCU Tropical Farms WWTF and Consolidated Regional Reuse System

File # FL0043214-006-DW1P-RM

- a. FAC refers to various portions of the Florida Administrative Code.

The effective dates of FAC Rule Chapters cited in the table are as follows:

<u>Chapter</u>	<u>Effective Date</u>
62-4	10-16-95
62-302	12-26-96
62-520	12-09-96
62-550	12-09-96
62-600	12-24-96
62-601	12-24-96
62-610	01-09-96
62-620	12-24-96
62-640	03-30-98
62-650	12-24-96
62-699	05-20-92

- b. FS refers to various portions of the Florida Statutes

- c. CFR refers to various portions of the Code of Federal Regulations, Title 40

- d. BPJ refers to Best Professional Judgment

3. DEP CONTACT

Additional information concerning the permit may be obtained during normal business hours from:

Bradley Akers
Professional Engineer I
Department of Environmental Protection Southeast District Office
400 North Congress Avenue, Suite 200
West Palm Beach, FL 33401
Telephone Number: (561) 681-6690
Fax Number: (561) 681-6760

4. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in item 11.

5. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit Issued	December 17, 2008
Public Notice Published	N/A
Public Notice Period Over	January 16, 2009
Issue Final Permit	February 25, 2009

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551, 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Martin County Utilities
MAILING ADDRESS: P.O. Box 9000
Stuart, FL 34987

PERMIT NUMBER FL0043214

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Domestic

FACILITY: MCU Tropical Farms WWTF and Consolidated Regional Reuse System

LOCATION: 8595 Kansas Avenue
Stuart, FL 34987

MONITORING GROUP NUMBER: D-005
MONITORING GROUP DESC: Willoughby GC - MSSW Lake 21

COUNTY: Martin

NO DISCHARGE FROM SITE:

☐

MONITORING PERIOD From: _____ To: _____

No Discharge Elevation: 16.7'
Receiving Water: Coral Gardens Canal

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Flow into MSSW Willoughby GC Lake 21	Sample Measurement										
PARM Code 50050 J Mon.Site No. PPI-05	Permit Requirement	Report (An.Avg.)		MGD						Continuous	Meter
Flow out of MSSW Willoughby GC Lake 21	Sample Measurement										
PARM Code 50050 P Mon.Site No. STM-06	Permit Requirement	Report (# days)		# Days						Daily	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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 inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, 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.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DAILY SAMPLE RESULTS - PART B

Permit Number: FL0043214

Facility: MCU Tropical Farms WWTF and Consolidated Regional Reuse System

Monitoring Period From: _____ To: _____

	Flow (MGD) Into MSSW Willoughby GC Lake 21	Flow (no. of days) Out of MSSW Willoughby GC Lake 21									
Code	50050	50050									
Mon. Site	PPI-05	STM-06									
1	draft	draft									
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
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21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
Total											
Mo. Avg.											

PLANT STAFFING:

Day Shift Operator	Class: _____	Certificate No: _____	Name: <u>** DRAFT ONLY **</u>
Evening Shift Operator	Class: _____	Certificate No: _____	Name: <u>** DRAFT ONLY **</u>
Night Shift Operator	Class: _____	Certificate No: _____	Name: <u>** DRAFT ONLY **</u>
Lead Operator	Class: _____	Certificate No: _____	Name: <u>** DRAFT ONLY **</u>

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.

No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.

Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.

Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.

Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.

Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.

Time Sample Obtained: Enter the time the sample was taken.

Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.

Detection Limits: Record the detection limits of the analytical methods used.

Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.

Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)

Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).

Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.

Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).

Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.

Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.

No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.

CBOD₅: Enter the average CBOD₅ of the reclaimed water discharged during the period shown in duration of discharge.

TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.

Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.

Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.

No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.

Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0043214-006-DW1P- Willoughby Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWC-16
Well Type: Background
Ground Water Class: G-II

[illegible]

Comments and Explanation:

GROUNDWATER MONITORING REPORT - PART D

Permit Number: FL0043214-006-DW1P- Willoughby Golf Course
 Month/Year: _____
 Date Sample Obtained: _____
 Was the well pumped before sampling? ☐ Yes ☐ No

Monitoring Location Site Number: MWC-17
Well Type: Compliance
Ground Water Class: G-II

[illegible]

Comments and Explanation: