

ADMINISTRATIVE PROCESS WORKSHOP

Thursday, January 21, 1993

Atlanta Hilton

**Permit Review Procedures
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AGENDA
Administrative Process Workshop
Thursday, January 21, 1993
Atlanta Hilton, Walton Room
8:00 am - 4:00 pm

8:00 - 8:05 --- Introduction Ed Decker, Enforcement Section Coordinator

8:05 - 8:50 --- DMR Process Flow Dave Olson

1. DMR Receipt
2. Processing
3. Tracking
4. Filing

8:50 - 9:45 --- Permit Review Procedures Karen Buerki and Robert Burns

1. Review of draft permits
2. Review of DMR preprints

9:45 - 10:00 --- BREAK

10:00 - 11:30 --- Personal Tracking System Susan Pope and Ron Phelps

1. Basic components
2. Examples of personal tracking systems

11:30 - 12:30 --- LUNCH

**12:30 - 2:00 --- Record Keeping Procedures Lorrie Burroughs and Doug Haire (LAI)
Mike Hom**

1. Filing standards
2. Confidential Buisness Information
3. Enforcement Confidential Information

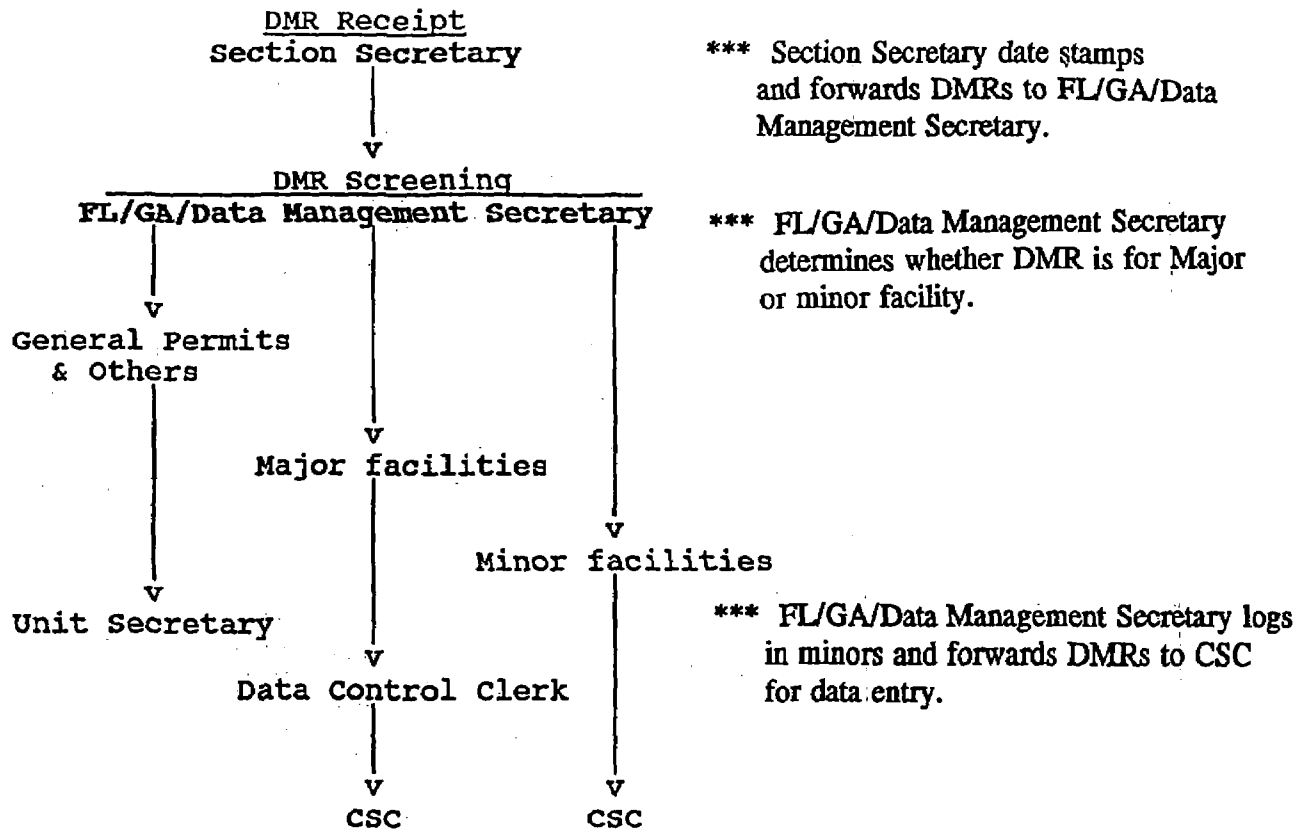
2:00 - 2:15 --- BREAK

2:15 - 4:00 --- QNCR Review Mike Donehoo

1. Review
2. Update
3. Enforcement

**DMR Process Flow
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PERSONNEL:

Section Secretary - position vacant

FL/GA/Data Management Secretary - Tindra Smith

Data Control Clerk (DCC) - Ed Sims

Environmental Protection Assistant (EPA) - Mary Halback

January 21, 1993

I. Minor Preprinted DMRs

Responsible Personnel:

A. DMR tracking - DMR's are logged and sent to CSC.

Data Management Secretary
Tindra Smith

B. DMR entry - DMR data is coded in the computer and DMRs are returned to Data Management Secretary.

Contractor
CSC

C. DMR routing - DMRs are forwarded to appropriate Unit.

Data Management Secretary
Tindra Smith

II. Major Preprinted DMRs

A. DMR tracking

Data Control Clerk (DCC)
Ed Sims

1. DMRs are logged and reviewed for missing data.
2. DMR data is checked for compatibility with data needed for PCS entry (eg. NODI codes, missing data).
3. Transmittal log, by pipe, is prepared and sent with DMRs to contractor.
4. Missing DMR list is prepared monthly and sent to enforcement officer.

B. DMR entry

Contractor
CSC

1. Transmittal of DMRs is verified and copy of log with receipt date is sent back to DCC.
2. DMR data is entered into PCS.
3. Data entry date is stamped onto DMR.
4. DMR data is uploaded.
5. Edit reports are reviewed.
6. Data is re-entered as appropriate.
7. DMRs and transmittal log are forwarded to Environmental Protection Assistant.

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C. Quality Assurance

Environmental Protection Assistant

Mary Halback

1. Transmittal log and DMRs are verified.
2. Violation detection review is performed daily.
 - a. Violation Recognition Reports (VRR) are reviewed.
 - b. DMRs with violations are pulled and sent with a copy of the VRR to the enforcement officer.
3. Non-receipt resolution is performed according to attached schedule.
 - a. DMR Non-receipt Report (DF Report) is reviewed.
 - b. Missing data is identified and compared against the DMR.
 - c. DMR and copy of DF Report are sent to enforcement officer for follow-up.

D. Enforcement Review

Enforcement Officer

1. VRR and DF Report are reviewed.
2. Make corrections for re-coding, (entry error or missing data).
 - a. Provide missing parameter data to E.P.A. with "desired" receipt date.
 - b. Provide missing pipe/outfall data to DCC with "desired" receipt date.
3. Corrected data is sent back to FL/GA/Data Management Unit for re-entry.
4. True violations are followed up with appropriate enforcement.

E. Filing

1. E.P.A. maintains DMRs for current quarter until QNCR is completed.
2. When QNCR is completed, DMRs are forwarded to DCC.
3. DCC files Major facility DMRs.

PERMIT COMPLIANCE SYSTEM
VIOLATION RECOGNITION REPORT

PAGE 1

RUN DATE: 01/11/93 BATCH ID: MAJ010893

NPDES NUMBER	L DSCH I MONITOR DRID M END DATE	STORET -LOC -SEA -MOD	VIO EVENT CODE	QTY UNIT	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	CONC UNIT	MIN MEAS MIN LIM PCT UNDER	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	REPORTED FREQ ANAL SAMP TYPE	NO OF EXCUR
DU PONT DE NEMOURS STARKE												
FL0000051	0011 F 11/30/92	01045-1-0-0	E90					MON-ONLY BUT NOT REPORTED	0.36 1.0	4.5 2.0 125%	01/07	
					(19)							
GOLDKIST INC												
FL0001465	001T F 12/31/92	TAN3B-1-0-0	E90					< 100 100 99999%	DELMON	DELMON	01/60	
					(23)							
GOLDKIST INC												
FL0001465	0011 F 11/30/92	00619-1-0-0	E90					DELMON	DELMON	0.430 0.02 2050%	01/07	
					(19)							
GOLDKIST INC												
FL0001465	0011 F 11/30/92	00625-1-0-0	E90					DELMON	34.10 10.0 241%	65.6 15.0 337%	01/07	
					(19)							
SHOWELL FARMS												
FL0002453	0011 F 11/30/92	00400-X-0-1	E90					6.61 8.5 22%	DELMON	7.18 6.0 20%	05/07	
					(12)							
JAX SOUTHWEST STP # 3												
FL0026468	0011 F 11/30/92	50060-1-0-0	E90					DELMON	DELMON	0.1 0.01 900%	01/01	
					(19)							
UNION CARBIDE KENNEDY PLT MINS.												
FL0000337	0011 F 10/31/92	01042-1-0-0	E90					DELMON	DELMON	0.220 0.03 633%	01/30	
					(19)							

*CSC
upper
refuse
for
on
1/13/93*

DMR Process Flow - Page 4

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. DATE: 01

PCS DMR NON-RECEIPT
PARAMETER LEV
CSH707B

PAGE 1

SUBMISSION PERIOD: 11/01/92 - 11/30/92

FACILITY IDENTIFICATION	MONITORING END DATE	INSTANCE OF NONCOMPLIANCE	OUTFALL	LIMIT TYPE	PARAMETER	MON LOC	SEASON NUM	MOD NUM
PERMIT NO: FL0000159 MAJOR FL PWR CORP-CRYSTAL RIVER N&S P O BOX 14042 ST PETERSBURG FL 33733	10/31/92 \B	DMR OVERDUE - EPA	0061	FINAL	00610	S	0	1
		DMR OVERDUE - EPA	0061	FINAL	73617	S	0	1
		DMR OVERDUE - EPA	0061	FINAL	77165	S	0	1
		DMR OVERDUE - EPA	0061	FINAL	81313	S	0	1
PERMIT NO: FL0002453 MAJOR SHOWELL FARMS PO BOX 1040 DE FUNIAK SPRINGS FL 324331040	10/31/92 \B	DMR OVERDUE - EPA	0011	FINAL	00011	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00300	Y	0	0
		DMR OVERDUE - EPA	0011	FINAL	00300	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00310	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00400	X	0	1
		DMR OVERDUE - EPA	0011	FINAL	00530	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00556	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00619	P	0	1
		DMR OVERDUE - EPA	0011	FINAL	00625	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	00630	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	50050	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	50060	1	0	1
		DMR OVERDUE - EPA	0011	FINAL	74055	1	0	1
PERMIT NO: FL0002593 MAJOR AMERICAN CYANAMID SANTA ROSA PLT 1801 CYANAMID RD MILTON FL 32570	10/31/92 \B	DMR OVERDUE - EPA	001Y	FINAL	- Back to CSC for reentry			

*Parameter
not on zone*

*Done
not
on*

DMR Process Flow - Page 5

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RNC Processing Schedule

<u>Period</u>	<u>RNC Run</u>	<u>DMR NR Run</u>	<u>Last Update</u>	<u>Run DF</u>	<u>DF to CO's</u>
7		10/6			
6 - 8	10/30		10/29	10/30	11/4
8		11/3			
7 - 9	11/6		11/5	11/6	11/10
	11/13		11/12	11/13	11/18
	11/20		11/19	11/20	11/25
	12/1		11/30	12/1	12/7
9		12/8			
8 - 10	1/5		1/4	1/5	1/8
10		1/8			
9 - 11	1/29		1/28	1/29	2/3
11		2/2			
10 - 12	2/5		2/4	2/5	2/10
	2/12		2/11	2/12	2/17
	2/19		2/18	2/19	2/24
	2/26		2/25	2/26	3/3
12		3/2			
11 - 1	4/2		4/1	4/2	4/7
1		4/6			
12 - 2	4/30		4/29	4/30	5/5
2		5/4			
1 - 3	5/7		5/6	5/7	5/12
	5/14		5/13	5/14	5/19
	5/21		5/20	5/21	5/26
	5/28		5/27	5/28	6/2
3		6/1			
2 - 4	7/2		7/1	7/2	7/7
4		7/7			
3 - 5	7/30		7/29	7/30	8/4
5		8/3			
4 - 6	8/13		8/12	8/13	8/18
	8/20		8/19	8/20	8/25
	8/27		8/26	8/27	9/1
	9/3		9/2	9/3	9/8
6		9/8			
5 - 7	10/1		9/30	10/1	10/6
7		10/5			

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DMR Process Flow - Page 7

1Last Updated: 25 September 1992
PCS Production Control Schedule for Fiscal Year 1993

Except as noted below, regular updates are run every Monday
and Thursday evening, beginning at 8:00 pm est.
PCS Table File updates are executed every Friday at noon.

Month	Date	Scheduled
October 92	2	RNC for May-July
	6	DMR Non-Receipt for DMRs due in August
	13	(Tuesday) Regular Update (postponed from Monday - Holiday)
	30	RNC for June-August
November 92	3	DMR Non-receipt for DMRs due in September
	6	RNC for July-Sept
	13	RNC for July-Sept
	20	RNC for July-Sept
	26	Thursday night Regular Update - Cancelled
	27	Table Update Cancelled
December 92	1	RNC for July-Sep (Final run for Quarter 4)
	8	DMR Non-receipt for DMRs due in October
	24	Regular Update Cancelled
	28	(Monday) Table Update (moved from Friday - Holiday)
	31	Regular Update Cancelled
January 93	4	(Monday) Table Update (moved from Friday - Holiday)
	5	RNC for Aug-Oct
	8	DMR Non-receipt for DMRs due in November
	19	(Tuesday) Regular Update (postponed from Monday - Holiday)
	26-27	Regional Archives (region 1-4,6)
	29	RNC for Sep-Nov
February 93	2	DMR Non-receipt for DMRs due in December
	5	RNC for Oct-Dec
	9-10	Regional Archives (region 5,7-10)
	12	RNC for Oct-Dec
	16	(Tuesday) Regular Update (postponed from Monday holiday)
	19	RNC for Oct-Dec
March 93	26	RNC for Oct-Dec (Last RNC for qtr. 1)
	2	DMR Non-receipt for DMRs due in January
April 93	2	RNC for Nov-Jan
	6	DMR Non-receipt for DMRs due in February
	30	RNC for Dec-Feb
May 93	4	DMR Non-receipt for DMRs due in March
	7	RNC for Jan-Mar
	14	RNC for Jan-Mar
1 June 93	21	RNC for Jan-Mar
	28	RNC for Jan-Mar (Last RNC for qtr. 2)
July 93	1	DMR Non-receipt for DMRs due in April
	2	RNC for Feb-Apr
August 93	6	(Tuesday) Regular Update (postponed from Monday holiday)
	7	DMR Non-receipt for DMRs due in May
	30	RNC for Mar-May
	3	DMR Non-receipt for DMRs due in June
September 93	13	RNC for Apr-Jun
	20	RNC for Apr-Jun
	27	RNC for Apr-Jun
	3	RNC for Apr-Jun (Last RNC for qtr. 3)
October 93	7	(Tuesday) Regular Update (postponed from Monday - Holiday)
	8	DMR Non-receipt for DMRs due in July
October 93	1	RNC for May-June
	5	DMR Non-Receipt for DMRs due in August

January 21, 1993

Permit Review Procedures

Review of Draft Permits

Rule #1 - Do it fast, or forever hold your peace

Rule #2 - It is very important

Permit Parts

Front Page - Key Facility Information(POTW and Non-POTW)

Part I - Effluent Limits and Monitoring Requirements, No Discharge Permit Requirements and Compliance Schedules, Sludge Requirements

Part II - Standard Conditions of NPDES Permits

Part III - Other Requirements, Including reporting addresses and frequency of reporting, special POTW conditions, special industrial conditions (especially for steam electrics), how to report non-detectability, modification requirements

Part IV - Whole Effluent Toxicity or Best Management Practices

Part V - Best Management Practices or Whole Effluent Toxicity

Fact Sheet - includes a map of the outfall location

Stages in the life of a draft permit

(1) Acknowledgement of Permit Application

(2) First Draft (Intent to Issue)

{Step I DMR Review - theoretically happens here}

(3) Public Notice of Intent to Issue

(4) Revised Permit Issuances

(5) Final Issuance

When you have:

Minor Comments - talk to the permit writer

Major Comments - write up, for inclusion in public comments. Our comments do have an impact on how the permit finally looks.

Quick things to look for when reviewing permits:

Cover Page - authorization to discharge? not discharge? Facility address correct? Permittee address correct? Is the receiving stream correct?

Missing parts - see front page for what is supposed to be there

Incomplete addresses on front page

Silly mistakes like wrong type of sample for parameter, or infrequent sampling, or wrong units

Backsliding on permit limits, i.e. relaxing the effluent limits (this has to be explained in the Fact Sheet)

The issuance schedule in the fact sheet - the permit writer must state the time of anticipated issuance and effectiveness. Tip: when an issuance schedule is not met on time, the permit must be checked upon final issuance for correctness and enforceability.

Typographic errors

Part III reporting schedule - Majors always submit DMRs monthly, most minors submit DMRs every quarter. Occasionally, there is a minor that reports semiannual or annually.

Fact Sheets are the why of the permit. Fact sheets usually answer most of your questions about a draft permit. Fact sheets will explain the basis for most if not all of the effluent limits. It will also present the past effluent limits as well as a comparison with the proposed effluent limits. It will also explain the basis for permit compliance schedules. There should be a map of the discharge location, usually identified on a USGS topographic map. Finally, the permit writer sets forth a schedule for permit issuance and effectiveness.

Once you know more about your permitted facilities, you will have a good idea of what interests you about a particular facility, and you will know what parts of the permit to concentrate on during your review of the draft.

Review of new DMR pre-prints

Theoretically, the Step I DMR will arrive with a copy of the draft permit attached.

Theoretically, the Step I packet should arrive between the time the draft permit is sent out and the public notice is issued. If it comes out any later than public notice, you have a problem. Step I DMR's are generally written on to a blank DMR forms. You should try to review the draft permit at the same time you review the draft DMR. It makes life easier.

The Step I Packet

The packet should contain:

- (1) The Step I and II checksheet
- (2) A copy of the draft permit, including all parts except Part II - Standard Conditions
- (3) A draft DMR¹
- (4) A draft coding for any permit compliance schedules, if the permit has one (see Part I)

Important Point #1 - If one or more of the items isn't in the packet, return it to the Permits DMR coordinator immediately, stating what you think is missing. Don't review a DMR packet until it is a complete package.²

Important Point #2 - If a packet is late, e.g. the packet is sent to you after public notice, or worse, final issuance, notify Dave Olson that you received a late Step I DMR packet. He will address the issue with Permits on a monthly basis.³

Evaluating the Step I Packet: Technique

Review the draft DMR on a pipe-by-pipe basis. Separate the draft permit from the draft DMR and compare side-by-side. It's the easiest way. Check off each parameter as you go, checking the correctness of the:

- (1) Parameter used on the draft DMR
- (2) The numerical limits - significant figures should agree
- (3) Units of measure
- (4) Sample Type
- (5) Sampling Frequency

¹ Draft DMRs are mainly hand-written on to blank DMR forms, but they may also show up in the form of a "PCS Limits Summary" (if there aren't many changes in a renewal) or a DBDMR printout. Both look almost the same. There is also a chance that the permit writer had a DMR PC-generated. These are the easiest to read, since they look like the final DMR. Getting one of those to review is rare.

² This is a rule to live by.

³ Live by this rule too.

Make sure all of the effluent limits are coded. Typically there will be a few effluent limits that are not in the table of limits, such as pH, Dissolved Oxygen and Total Residual Chlorine. Be sure that the permit writer did not forget to write in those limits on the draft DMR.

Errors

A common error is that the permit writer will forget to fill out a coding sheet for the Part I compliance schedules.

There are no other common errors, because errors differ with each submission and each permit writer. Be thorough. It's your best defense.

Minor errors should be discussed with the permit writer. Any major errors should be marked and the Step I Packet should be returned to the Permit Writer.

Helpful Review Tip: Keep a log of the drafts that you return, so you can make sure that you're not ignored. Include copies of those changes that you recommended to Permits. [They lose things too.]

Timeliness

You have three days once you accept a packet for review. Don't hinder the process by dragging your feet.

Parts of the Permit

- Front Page
- Part I - Effluent Limits & Monitoring Requirements, No Discharge Permit Requirements, Compliance Schedules Sludge Management Requirements
- Part II - Standard Conditions (40 CFR §122-125)
- Part III - Other Requirements, including reporting addresses, special POTW conditions (pretreatment), special industrial conditions (especially for steam electrics), how to report non-detectability, modification requirements
- Parts IV, V - Whole Effluent Toxicity and Best Management Practices

Stages in the life of a Permit

Acknowledgement of Permit Application

First Draft (Intent to Issue)

{Step 1 DMR Review}

Public Notice of Intent to Issue

{Any Permit Revisions}

Final Issuance

Reviewing Draft Permits

Look for these things:

- ✓ Front Page Mistakes
- ✓ Missing Parts
- ✓ Incomplete Addresses
- ✓ Silly Mistakes
- ✓ Backsliding on proposed limits
- ✓ Permit Issuance Schedule - is it realistic?
- ✓ Part III - Reporting Frequency
- ✓ Typographic errors

Reviewing Draft Permits

The Fact Sheet

- Look for "Fact Sheet" or "Statement of Basis"
- Review "Previous Effluent Limits" and "Proposed Effluent Limits"
- Are the changes acceptable?
(e.g. no backsliding)
- What other changes are there to the permit?
- Changes are possible in Parts I, III, IV and V and the cover page

Evaluating the Step I Packet

You need the following:

- The Checksheet used by Permits - which is the first page of the packet
- Draft permit - all parts except Part II
- The draft Discharge Monitoring Report
- The draft coding of Compliance Schedules (if the permit makes it necessary)

Review of DMRs

Look for this

- Owner address is clearly stated
- Complete facility address (incl. county)
- Each outfall is numbered and there is a description of what kind of effluent is being discharged
- All parameters for each outfall on the DMR
- Limits, units & sampling requirements correspond to each other (watch the sig figs)
- All of the limits are coded (watch pH, Cl, DO)

Evaluating the Step I Packet

Check the correctness of:

- Parameters on the draft DMR
- The numerical limits - significant figures should match
- Units of measure
- Sample type
- Sample frequency



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

FEB 13 1991

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

REF: 4WM-FP

Mr. Robert H. French, P.E.
Senior Vice President
Barefoot Bay WWTP
P.O. Box 5846
Sarasota, Florida 34277

RE: Intent to Issue
Barefoot Bay WWTP
NPDES Number FL0042293

Dear Mr. French:

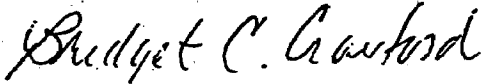
The Environmental Protection Agency (EPA), Region IV, intends to issue a National Pollutant Discharge Elimination System (NPDES) permit in accordance with the Federal Clean Water Act to the referenced facility in the near future.

The enclosed draft permit shows the proposed conditions to be incorporated as part of the final NPDES permit. Particular attention should be given to the effluent limitations, schedule of compliance, monitoring requirements, and reporting dates.

Comments relative to this draft permit are not required; however, if you wish to submit comments, please do so before March 17, 1991. Comments made during this time period may be incorporated into the draft permit prior to public notice. After this date, EPA will proceed with the permitting process, including requesting state certification and publicly noticing the draft permit. At the time of public notice, a copy of the notice will be sent to you. At that time you will have an additional opportunity to comment on or object to any aspects of the draft permit.

If you have any questions concerning the enclosed conditions or the procedures associated with the permit program, please contact me at the above address or by calling (404) 347-3012.

Sincerely yours,

A handwritten signature in cursive script that reads "Bridget C. Crawford".

Bridget Crawford
Environmental Protection Assistant
Permits Section
Facilities Performance Branch
Water Management Division

Enclosures - Draft NPDES Permit with Statement of Basis

cc: FDER (with enclosures)

PERMIT NO. FL0042293
Minor - Non POTW

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended (33 U.S.C. 1251 et seq.; the "Act"),

Barefoot Bay WWTP
c/o Florida Cities Water Company
P.O. Box 21119
Sarasota, Florida 34276-4119

is authorized to discharge from a facility located at

North end of Dottie Lane
Brevard County
Barefoot Bay, FL 32976

to receiving waters named

Drainage canal leading to
north prong of Sebastian Creek

in accordance with effluent limitations, monitoring requirements and other conditions set forth herein. The permit consists of this cover sheet, Part I 5 pages, Part II 16 pages, Part III 1 page, and Part IV 3 pages.

This permit shall become effective on

This permit and the authorization to discharge shall expire at midnight,

FEB 13 1991

Date Issued

W. Ray Cunningham, Director
Water Management Division

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - Final

1. During the period beginning on the effective date and lasting through the expiration date of this permit, the permittee is authorized to discharge from outfall(s) 001, sanitary wastewater.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>PARAMETERS</u>	<u>DISCHARGE LIMITATIONS</u>			<u>MONITORING REQUIREMENTS</u>		
	<u>Annual Average</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	<u>Sampling Point</u>
Flow, MGD	Report	Report	Report	5/Week	Representative	Effluent
BOD - 5 Day, mg/l	20.0	30.0	60.0	1/Week	8-hr. Composite	Effluent
Total Suspended Solids, mg/l	20.0	30.0	60.0	1/Week	8-hr. Composite	Effluent
Fecal Coliform Bacteria, N/100 ml	(See Item 6, page I-3)			1/Month	Grab	Effluent
Total Residual Chlorine, mg/l	(See Part I.A.2 for effluent limit and approved testing procedures. See Part I.B.1 for compliance schedule and compliance dates.)			7/Week	Grab	Effluent
pH shall not be less than 6.0 nor greater than 8.5 standard units.				5/Week	Grab	Effluent
Chronic Whole Effluent Toxicity	(See Item 10, Page I-3)			See Part IV	24 hr. Composite	Effluent

PART I (CONTINUATION)
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. **FINAL TRC LIMIT:** The daily maximum concentration of total residual chlorine (TRC) in the final effluent shall not exceed 0.01 mg/l and shall be achieved no later than two years from the effective date of the permit. This limit is included to prevent toxic effects from chlorine in the receiving waters. This compliance schedule allows the permittee time to apply for a mixing zone for TRC from the Florida Department of Environmental Regulation (FDER), if the permittee determines such to be benefit. If a mixing zone for TRC is granted by FDER and concurred with by EPA, the permittee may apply for a modification of the above TRC limit from EPA.

Testing for total residual chlorine (TRC) shall be conducted according to either the amperometric titration method, the low-level amperometric titration method (if compliance with a permit limitation of 0.20 mg/l or less is to be demonstrated), or the DPD colorimetric method as specified in Section 4500-Cl D., 4500-Cl E., or 4500-Cl G., respectively, Standard Methods for the Examination of Water and Wastewater, 17th Edition. If chlorine is not detected using one of these methods, the permittee shall report on the discharge monitoring report form, the analytical results for chlorine as being measured at less than the detection level for the test method selected; the test method shall also be reported. The permittee shall then be considered to be in compliance with the above daily maximum effluent limit for TRC.

3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. The effluent shall not cause a visible sheen on the receiving water.
5. Any bypass of the treatment facility, which is not included in the effluent monitored above, is to be monitored for flow and all other parameters. For parameters other than flow, at least one grab sample per day shall be monitored. Daily flow shall be monitored or estimated, as appropriate, to obtain reportable data. All monitoring results shall be reported on a Discharge Monitoring Report (DMR) Form (3320-1).

6. The arithmetic average of the monthly fecal coliform values (calculated as a geometric mean) collected during an annual period shall not exceed 200/100 ml of effluent sample. Any one sample shall not exceed 800 fecal coliform colonies per 100 ml of effluent sample.
7. Samples taken in compliance with the monitoring requirements specified in this permit shall be taken at the nearest accessible point after final treatment but prior to the actual discharge or mixing with the receiving waters.
8. If the results for a given sample analysis are such that any parameter (other than fecal coliform) is not detected at or above the minimum level for the test method used, a value of zero will be used for that sample in calculating an arithmetic effluent mean value for the parameter. In the case of fecal coliform, a value of 1.0 shall be used in calculating the geometric mean.
9. For the parameters, BOD, TSS, and Fecal Coliform, no violations for annual average will be deemed to have occurred until data have been compiled for the first 12 months after the effective date of the permit.
10. The effluent shall not be chronically toxic to, or produce adverse physiological or behavioral responses in, aquatic animals. An effluent no observable effect concentration (NOEC) of less than 100% for any test species will constitute a violation of Florida Administrative Code (FAC) Section 17-302.510(3)(p), May 29, 1990, and the terms of this permit. The testing for this requirement shall conform with Part IV of this permit.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Discharge 001:

Operational level attained. . . Effective Date of Permit,

Total Residual Chlorine Final Limit:

First Report of Progress. . . . December 31, 1991

Second Report of Progress . . . June 30, 1992

Third Report of Progress. . . . December 31, 1992

Operational Level Attained. . . No later than two years from the effective date of the permit.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

C. SLUDGE MANAGEMENT PRACTICES

1. The permittee must sample and analyze the sludge and report to EPA the quantitative data for the 125 priority pollutants listed in 40 CFR 122, Appendix D, Tables II and III. Qualitative data for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) must also be submitted if the permittee knows or has reason to believe that TCDD is or may be present in the sludge.
 - a. The permittee must submit the above data within 1 year of the effective date of this permit.
2. The permittee must submit within 30 days of the effective date of this permit the sludge production volume (specify if daily or annual; if actual volume is not known, estimate the quantity of sludge being handled and so indicate) and the sludge disposal practice.
3. The permittee shall provide sludge inventory data to the State and EPA, as part of EPA's inventory updates as requested. The data should include, but not be limited to, sludge quantity and characteristics.
4. Reopener. If an applicable "acceptable management practice" or numerical limitation for pollutants in sewage sludge promulgated under Section 405(d)(2) of the Clean Water Act, as amended by the Water Quality Act of 1987, is more stringent than the sludge pollutant limit or acceptable management practice in this permit, or controls a pollutant not limited in this permit, this permit shall be promptly modified or revoked and reissued to conform to the requirements promulgated under Section 405(d)(2). The permittee shall comply with the limitations by no later than the compliance deadline specified in the applicable regulations as required by Section 405(d)(2)(D) of the Clean Water Act.
5. Notice of change in sludge disposal practice. The permittee shall give prior notice to the Regional Administrator of any change planned in the permittee's sludge disposal practice.
6. Cause for modification. 40 CFR 122.62(a)(1) provides that the following is a cause for modification but not revocation and reissuance of permits except when the permittee requests or agrees. (a) Alterations. There are material and substantial changes or additions to the permitted facility or activity which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit.
7. Upon review of information provided by the permittee as required by the above items, or results from an on-site inspection, the permit shall be subject to modification to incorporate appropriate requirements.

Part II

STANDARD CONDITIONS FOR NPDES PERMITS

SECTION A. GENERAL CONDITIONS

1. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

2. Penalties for Violations of Permit Conditions

Any person who violates a permit condition is subject to a civil penalty not to exceed \$25,000 per day for each violation. Any person who negligently violates any permit condition is subject to criminal penalties of \$2,500 to \$25,000 per day of violation, or imprisonment for not more than 1 year, or both. Any person who knowingly violates permit conditions is subject to criminal penalties of \$5,000 to \$50,000 per day of violation, or imprisonment for not more than 3 years, or both. Also, any person who violates a permit condition may be assessed an administrative penalty not to exceed \$10,000 per violation with the maximum amount not to exceed \$125,000. [Ref: 40 CFR 122.41(a)]

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, terminated, or revoked for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- c. A change in any conditions that requires either temporary interruption or elimination of the permitted discharge; or
- d. Information newly acquired by the Agency indicating the discharge poses a threat to human health or the environment.

If the permittee believes that any past or planned activity would be cause for modification or revocation and reissuance under 40 CFR 122.62, the permittee must report such information to the Permit Issuing Authority. The submittal of a new application may be required of the permittee. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. Toxic Pollutants

Notwithstanding Paragraph A-4, above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation of such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition and the permittee so notified.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" Section B, Paragraph B-3, and "Upsets" Section b, Paragraph B-4, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 or the Act.

8. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.

9. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations.

10. Onshore or Offshore Construction

This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any waters of the United States.

Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

12. Duty to Provide Information

The permittee shall furnish to the Permit Issuing Authority, within a reasonable time, any information which the Permit Issuing Authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Permit Issuing Authority upon request, copies of records required to be kept by this permit.

SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

2. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the condition of this permit.

3. Bypass of Treatment Facilities

a. Definitions

- (1) "Bypass means the intentional diversion of waste streams from any portion of a treatment facility, which is not a designed or established operating mode for the facility.

- (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Bypass not exceeding limitations.

The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Paragraphs c. and d. of this section.

c. Notice

- (1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass; including an evaluation of the anticipated quality and effect of the bypass.
- (2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Section D, Paragraph D-8 (24-hour notice).

d. Prohibition of bypass

- (1) Bypass is prohibited and the Permit Issuing Authority may take enforcement action against a permittee for bypass, unless:
 - (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (b) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
 - (c) The permittee submitted notices as required under Paragraph c. of this section.
- (2) The permit Issuing Authority may approve an anticipated bypass, after considering its adverse effects, if the Permit Issuing Authority determines that it will meet the three conditions listed above in Paragraph d.(1) of this section.

Upsets

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, lack of preventive maintenance, or careless or improper operation. An upset constitutes an affirmative defense to an action brought for non-compliance with such technology based permit limitation if the requirements of 40 CFR 122.41(n)(3) are met.

5. Removed Substances

This permit does not authorize discharge of solids, sludge, filter backwash, or other pollutants removed in the course of treatment of control of wastewaters of the United States unless specifically limited in Part 1.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Permit Issuing Authority.

2. Flow Measurements

Appropriate flow measurements devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than $\pm 10\%$ from the true discharge rates throughout the range of expected discharge volumes. Once-through condenser cooling water flow which is monitored by pump logs, or pump hour meters as specified in Part I of this permit and based on the manufacture's pump curves shall not be subject to this requirement. Guidance in selection, installation, calibration, and operation of acceptable flow measurement devices can be obtained from the following references:

- (1) "A Guide of Methods and Standards for the Measurement of Water Flow", U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 97 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD catalog No. C13.10:421.)
- (2) "Water Measurement Manual", U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by catalog No. 127.19/2:W29/2, Stock No. S/N 24003-0027.)
- (3) "Flow Measurement in Open Channels and Closed, Conduits", U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October 1977, 982 pp. (Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS No. PB-273 535/5ST.)
- (4) "NPDES Compliance Flow Measurement Manual", U.S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-77, September 1981, 135 pp. (Available from the General Service Administration (8BRC), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO. 80255.)

Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

4. Penalties for Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or imprisonment for not more than 2 years, or both.

5. Retention of Records

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report, or application. This period may be extended by the Permit Issuing Authority at any time.

Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling of measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analysis.

7. Inspection and Entry

The permittee shall allow the permit Issuing Authority, or a authorized representative, upon the presentation of credentials and other documents as may be required by law, to;

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit.
- c. Inspect at reasonable time any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

SECTION D. REPORTING REQUIREMENTS

1. Change in Discharge

The permittee shall give notice to the Permit Issuing Authority as soon as possible of any planned physical alterations or additions to the permitted Facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source; or

- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under Section D, Paragraph D-10(a).

2. Anticipated Noncompliance

The permittee shall give advance notice to the Permit Issuing Authority of any planned change in the permitted facility or activity which may result in noncompliance with permit requirements. Any maintenance or facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during noncritical water quality periods and carried out in a manner approved by the Permit Issuing Authority.

3. Transfer of Ownership or Control

A permit may be automatically transferred to another if:

- a. The permittee notifies the Permit Issuing Authority of the proposed transfer at least 30 days in advance of the proposed transfer date;
- b. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and
- c. The Permit Issuing Authority does not notify the existing permittee of his or her intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph b.

4. Monitoring Reports

See Part III of this permit.

5. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report (DMR). Such increased frequency shall also be indicated.

6. Averaging of Measurements

Calculations for limitations which require averaging of measurements all utilize an arithmetic mean unless otherwise specified by the Permit Issuing Authority in the permit.

7. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

8. Twenty-Four Hour Reporting

The permittee shall orally report any noncompliance which may endanger health or the environment, within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including the exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate and prevent reoccurrence of the noncompliance. The Permit Issuing Authority may verbally waive the written report, on a case-by-case basis, when the oral report is made.

The following violations shall be included in the 24 hour report when they might endanger health or the environment:

- a. An unanticipated bypass which exceeds any effluent limitation in the permit.
- b. Any upset which exceeds any effluent limitation in the permit.

9. Other Noncompliance

The permittee shall report in narrative form, all instances of noncompliance not previously reported under Section D, Paragraphs D-2, D-4, D-7, and D-8 at the time monitoring reports are submitted. The reports shall contain the information listed in Paragraph D-8.

10. Changes in Discharges of Toxic Substances

The permittee shall notify the Permit Issuing Authority as soon as it knows or has reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic substance(s) (listed at 40 CFR 122, Appendix D, Table II and III) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

(1) One hundred micrograms per liter (100 ug/l);

- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony; or
- (3) Five (5) times the maximum concentration value reported for that pollutant(s) in the application.

b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant (listed at 40 CFR 122, Appendix D, Table II and III) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- (1) Five hundred Micrograms per liter (500 ug/l);
- (2) One milligram per liter (1 mg/l) for antimony; or
- (3) Ten (10) times the maximum concentration value reported for that pollutant(s) in the permit application.

11. Duty to Reapply

the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit. The Permit Issuing Authority may grant permission to submit an application less than 180 days in advance but not later than the permit expiration date.

Where EPA is the Permit Issuing Authority, the terms and conditions of this permit are automatically continued in accordance with 40 CFR 122.6, only where the permittee has submitted a timely and complete application for a renewal permit and the Permit Issuing Authority is unable through no fault of the permittee to issue a new permit before expiration date.

12. Signatory Requirements

All applications, reports, or information submitted to the Permit Issuing Authority shall be signed and certified.

- a. All permit applications shall be signed as follows:

- (1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (1) a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or (2) the manager of one or more manufacturing production facilities employing more than 250 persons or having gross annual sales or expenditures exceeding 25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
 - (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or
 - (3) For a municipality, State, Federal, or other public agencies by either a principal executive officer or ranking elected official.
- b. All reports required by the permit and other information requested by the Permit Issuing Authority shall be signed by a person described above or by a duly authorized representative only if:
- (1) The authorization is made in writing by person described above;
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may this be either a named individual or any individual occupying a named position.); and
 - (3) The written authorization is submitted to the Permit Issuing Authority.
- c. Certification. Any person signing a document under paragraphs (a) or (b) of this section shall make the following certification:

"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."

13. Availability of Reports

Except for data determined to be confidential under 40 CFR Part 2, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Permit Issuing Authority. As required by the Act, permit applications, permits and effluent data shall not be considered confidential.

14. Penalties for Falsification of Reports

Clean Water Act provides that any person who knowingly makes any false material statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or who knowingly falsifies, tampers with, or renders inaccurate any monitoring device or method required to be maintained under the Clean Water Act, shall, upon conviction, be punished by a fine of not more than \$10,000 or by imprisonment for not more than 2 years, or both.

SECTION E. DEFINITIONS

1. Permit Issuing Authority

The Regional Administrator of EPA Region IV or his designee, unless at some time in the future the State receives authority to administer the NPDES program and assumes jurisdiction over the permit; at which time, the Director of the State program receiving the authorization becomes the issuing authority.

2. Act

"Act" means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) Public Law 92-500, as amended by Public Laws 95-217, 95-576, 96-483, 97-117, and 100-4, 33 U.S.C. 1251 et seq.

Mass/Day Measurements

- a. The "average monthly discharges" is defined and the total mass of all daily discharges sampled and/or measured during a calendar month on which daily discharges are sampled and measured, divided by the number of daily discharges sampled and/or measured during such month. It is therefore, an arithmetic mean found by adding the weights of the pollutant found each day of the month and then dividing this sum by the number of days the tests were reported. The limitation is identified as "Daily Average" or "Monthly Average" in Part I of the permit and the average monthly discharge value is reported in the "Average" column under "Quantity" on the Discharge Monitoring Report (DMR).
- b. The "average weekly discharge" is defined as the total mass of all daily discharges sampled and/or measured during the calendar week on which daily discharges are sampled and measured, divided by the number of daily discharges sampled and/or measured during such week. It is, therefore, an arithmetic mean found by adding the weights of pollutants found each day of the week and then dividing this sum by the number of days the tests were reported. This limitation is identified as "Weekly Average" in Part I of the permit. Enter the highest weekly average of sample measurements obtained during the reporting period in the "Maximum" column under "Quantity" on the DMR.
- c. The "maximum daily discharge" is the total mass (weight) of a pollutant discharged during a calendar day. If only one sample is taken during any calendar day the weight of pollutant calculated from it is the "maximum daily discharge". This limitation is identified as "Daily Maximum", in Part I of the permit and the highest such value recorded during the reporting period is reported in the "Maximum" column under "Quantity" on the DMR.
- d. The "average annual discharge" is a rolling average equal to the arithmetic mean of the mass measured in all discharges sampled and/or measured during consecutive reporting periods which comprise one year. For parameters that are measured at least once per month, the annual average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and the monthly average of each of the previous eleven months. This limitation is defined as "Annual Average" in Part I of the permit and the average annual discharge value is reported in the "Average" column under "Quantity" on the DMR.

Concentration Measurements

- a. The "average monthly concentration", other than for fecal coliform bacteria, is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month on which daily discharges are sampled and measured, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day. This limitation is identified as "Monthly Average" or "Daily Average" under "Other Limits" in Part I of the permit and the average monthly concentration value is reported under the "Average" column under "Quality" of the DMR.
- b. The "average weekly concentration", other than for fecal coliform bacteria, is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar week on which daily discharges are sampled and measured divided by the number of daily discharges sampled and/or measured during such week (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during that calendar day. This limitation is identified as "Weekly Average" under "Other Limits" in Part I of the permit. Enter the highest weekly average of sample measurements obtained during the reporting period in the "Maximum" column under "Quality" on the DMR.
- c. The "maximum daily concentration" is the concentration of a pollutant discharged during a calendar day. It is identified as "Daily Maximum" under "Other Units" in Part I of the permit and the highest such value recorded during the reporting period is reported under the "Maximum" column under "Quality" on the DMR.
- d. The "average annual concentration", other than fecal coliform bacteria, is the rolling average equal to the arithmetic mean of the effluent or influent samples collected during consecutive reporting periods which comprise one year. For parameters that are measured at least once per month, the annual average shall be computed at the end of each month and is equal to the arithmetic mean of the monthly average of the month being reported and the monthly average of each of the previous eleven months. This limitation is identified as "Annual Average" under "Other Limits" in Part I of the permit and the average annual concentration value is reported under the "Average" column under "Quality" on the DMR.

5. Other Measurements

- a. The effluent flow expressed as million gallons per day (MGD) is the 24 hour average flow averaged monthly. It is the arithmetic mean of the total daily flows recorded during the calendar month. Where monitoring requirements for flow are specified in Part I of the permit the flow rate values are reported in the "Average" column under "Quantity" on the DMR.
- b. An "instantaneous flow measurement" is a measure of flow taken at the time of sampling, when both the sample and flow will be representative of the total discharge.
- c. Where monitoring requirements for pH, dissolved oxygen or fecal coliform bacteria are specified in Part I of the permit, the values are generally reported in the "Quality or Concentration" column on the DMR.
- d. The "average annual discharge" for fecal coliform bacteria shall be calculated in the same manner as that for mass limitations (see item II.E.3.d.).

6. Types of Samples

- a. Composite Samples: A "composite sample" is a combination of not less than 8 influent or effluent portions, of at least 100 ml, collected over the full time period specified in Part I.A. The composite sample must be flow proportioned by either time interval between each aliquot or by volume as it relates to effluent flow at the time of sampling or total flow since collection of the previous aliquot. Aliquots may be collected manually or automatically.
- b. Grab Samples: A "grab sample" is a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the total discharge.

7. Calculation of Means

- a. Arithmetic Mean: The "arithmetic mean" of any set of values is the summation of the individual values divided by the number of individual values.
- b. Geometric Mean: The "geometric mean" of any set of values is the N^{th} root of the product of the individual values where N is equal to the number of individual values. The geometric mean is equivalent to the antilog of the arithmetic mean of the logarithms of the individual values. For purposes of calculating the geometric mean, values of zero (0) shall be considered to be one (1).

- c. **Weighted by Flow Value:** "Weighted by flow value" means the summation of each concentration times its respective flow divided by the summation of the respective flows.

8. Calendar Day

A "calendar day" is defined as the period from midnight of one day until midnight of the next day. However, for purposes of this permit, any consecutive 24-hour period that reasonably represents the calendar day may be used for sampling.

9. Hazardous Substance

A "hazardous substance" means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act.

10. Toxic Pollutants

A "toxic pollutant" is any pollutant listed as toxic under Section 307(a)(1) of the Clean Water Act.

Part III

Other Requirements

A. Reporting of Monitoring Results

Monitoring results obtained for each calendar month shall be summarized and reported on a Discharge Monitoring Report Form (DMR) (EPA No. 3320-1). These forms shall be submitted after each calendar quarter and postmarked no later than the 28th day of the month following the completed calendar quarter. (For example, data for January-March shall be submitted by April 28.) Calendar quarters are January-March, April-June, July-September, and October-December. Signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority at the following address:

Environmental Protection Agency
Region IV
Compliance Section
Facilities Performance Branch
Water Management Division
345 Courtland Street, N.E.
Atlanta, GA 30365

If no discharge occurs during the reporting period, sampling requirements of this permit do not apply. The statement "No Discharge" shall be written on the DMR form. If, during the term of this permit, the facility ceases discharge to surface waters, the Permit Issuing Authority and the State shall be notified immediately upon cessation of discharge. This notification shall be in writing.

B. Reopener Clause

This permit shall be modified, or alternatively, revoked and reissued to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), 307(a)(2), and 405(d)(2)(D) of the Clean Water Act (the Act), as amended, if the effluent standard, limitation, or sludge disposal requirement so issued or approved:

1. Contains different conditions or is otherwise more stringent than any condition in the permit; or
2. Controls any pollutant or disposal method not addressed in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

CHRONIC FRESHWATER LANGUAGE

PART IV
Whole Effluent Toxicity Testing Program

As required by Part I of this permit, the permittee shall initiate the series of tests described below beginning in July, 1991 to evaluate whole effluent toxicity of the discharge from outfall 001. All test species, procedures and quality assurance criteria used shall be in accordance with Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, EPA/600/4-89/001, or the most current edition(s). The dilution/control water used will be a moderately hard water as described in EPA/600/4-89/001, Section 7 (or the most current edition). A standard reference toxicant quality assurance test shall be conducted concurrently with each species used in the toxicity tests and the results submitted with the discharge monitoring report (DMR). Alternatively, if monthly QA/QC reference toxicant tests are conducted, these results must be submitted with the DMR.

1. a. The permittee shall conduct a daphnid (Ceriodaphnia dubia) Survival and Reproduction Test and a short-term Fathead Minnow (Pimephales promelas) Larval Survival and Growth Test. These tests shall be conducted using a control (0% effluent) and one test concentration consisting of 100% effluent (equivalent to the Receiving Water Concentration (RWC) of the effluent in the receiving water at critical conditions). Unacceptable chronic toxicity will be demonstrated if either test results in a no observable effect concentration (NOEC) less than 100% effluent. All test results shall be statistically analyzed according to Appendix H, EPA/600/4-89/001, or the most current edition.
- b. For each set of tests conducted, a minimum of three different 24-hour composite samples of final effluent shall be collected and used per the sampling schedule of Section 8.1.4.2, EPA/600/4-89/001 (or the most current edition). All test solutions shall be renewed daily. If test results do not meet the acceptability criteria of either Section 12, paragraph 12.10 or Section 10, paragraph 11.11, EPA/600/4-89/001 (or the most current edition), that test shall be repeated. A chronic test will be considered valid only if the acceptability criteria referenced above are met.
- c. If 100% mortality occurs in the RWC test concentration prior to the end of the test and control mortality is acceptable at that time, that test (including the control) shall be terminated with the conclusion that the sample demonstrates unacceptable chronic toxicity.

2. a. The toxicity tests specified above shall be conducted once every two months until 6 valid bimonthly tests have been completed, and once every 6 months thereafter for the duration of the permit, unless notified otherwise by EPA. These tests are referred to as "routine" tests.
- b. Results from "routine" tests shall be reported according to EPA/600/4-89/001, Section 9, Report Preparation (or the most current edition), and shall be submitted as an attachment to the DMR. Such results are to be entered on the DMR in the following manner:

If the NOEC of a test species is less than 100% effluent, '<100%' should be entered on the DMR for that species. If the NOEC of a test species is greater than or equal to 100% effluent, '>100%' should be entered.

3. a. If unacceptable chronic toxicity (a NOEC less than 100% effluent in either test) is found in a "routine" test, the permittee shall conduct two additional toxicity tests, on the specie(s) indicating unacceptable toxicity. For each additional test, the sample collection requirements and test acceptability criteria specified in Section 1(b) above, must be met for the test to be considered valid. The first test shall begin within two weeks of the end of the "routine" test and the second test shall be conducted two weeks later. If either or both of these tests are invalid, additional test(s) are to be conducted every two weeks until two valid tests are completed (e.g., if the first test is valid and the second test is not, the permittee shall continue to conduct tests until one more test is valid). The additional tests will be used to determine if the toxicity found in the "routine" test is still present.

For "routine" tests with unacceptable chronic toxicity, the permittee shall conduct additional daphnid (Ceriodaphnia dubia) Survival and Reproduction and/or short-term fathead minnow (Pimephales promelas) Survival and Growth multi-concentration tests, as appropriate. The tests will be conducted on a control, 100% effluent, and the following % effluent concentrations: 0.25 x the RWC, 0.5 x the RWC, and 0.75 x the RWC. The sample collection requirements specified in Section 1(b) above shall be met.

- b. Results from additional tests, required due to unacceptable chronic toxicity in the "routine" test, shall be submitted in a single report prepared according to EPA/600/4-89/001, and submitted within 45 days of completion of the second additional, valid test.

4. For all tests conducted prior to the effective date of the final total residual chlorine limit, the final effluent sample must be artificially dechlorinated before test initiation. For all tests conducted after this date, a final effluent sample must be used.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

FEB 13 1991

STATEMENT OF BASIS

NPDES NUMBER: FL0042293

FACILITY NAME: Barefoot Bay WWTP

LOCATION: North end of Dottie Lane
Brevard County
Barefoot Bay, Florida 32976

RECEIVING STREAM: Drainage Canal leading to north
prong of Sebastian Creek

CLASSIFICATION: Class III Waters

USE DESIGNATION: Recreation, Propagation, and Maintenance of a
Healthy, Well-Balanced Population of Fish and
Wildlife

PERMIT WRITER: Bridget C. Crawford

This facility has one discharge of sanitary wastewater from a sewage treatment plant operation. The effluent limitations and monitoring requirements are based upon the State of Florida Administrative Code as follows:

<u>Parameter</u>	<u>Basis for Effluent Limitation</u>	<u>Basis for Monitoring Requirement</u>
Flow, MGD	--	FAC 17-19.050 (8-30-88)
BOD - 5 Day	FAC 17-600.740(1)9b)1. (11-27-89)	"
Total Suspended Solids	"	"
Fecal Coliform Bacteria	FAC 17-302.560(5) (5-29-90)	"
pH	FAC 17-302.560(1) (5-29-90)	"
Total Residual Chlorine	(See below)	(See below)
Toxicity Testing	(See below)	(See below)

The Final Total Residual Chlorine (TRC) Limit has been established in accordance with Florida Administrative Code 17-302.560(10) dated 5-29-90. TRC test procedures and monitoring requirements are based on the document, "Region IV NPDES Permits Chlorine Strategy," dated April 11, 1986.

Toxicity Testing

Toxicity testing requirements and limits have been included to ensure that the effluent conforms with FAC Sections 17-302.510(3)(p) (May 29, 1990) and are based on the rationale contained in the Regional policy document, "Whole Effluent Toxicity Testing Policy for Florida", dated May 5, 1986. The inclusion of a whole effluent toxicity limit in the permit is also authorized and required by 40 CFR Section 122.44(d)(1)(iv).

The Receiving Water Concentration (RWC) is used to determine the type of whole effluent toxicity testing required in a permit. When the source of the facility's water supply is not the receiving water, the RWC is calculated using the following equation:

$$RWC (\%) = 100 \times \frac{Q_w}{(Q_r + Q_w)}$$

where, Q_w = 1.0 MGD (design or appl. max. 30-day avg. flow)
 Q_r = Receiving water flow at appropriate low flow conditions (the 7Q10 flow in this case)
 = 0.0 cfs (0.0 MGD)

$$RWC (\%) = 100 \times 1.0 / (0.0 + 1.0) = 100\%$$

Based on a 7Q10 of 0.0 cfs at the point of discharge, a receiving water concentration (RWC) of 100% will exist at a design discharge flow of 1.0 MGD after complete mixing at low flow conditions. Freshwater species are proposed to reflect the applicant's discharge to a freshwater environment.

The effluent NOEC (%) is determined using the following equation:

$$\text{effluent NOEC (\%)} \geq RWC$$

For this facility the RWC is greater than 1% of the receiving water flow at approximate low flow conditions; therefore, 7-day chronic toxicity requirements (expressed as NOEC) were selected.

Monitoring Requirements

The applicant will be required to monitor for flow and the above parameters with sufficient frequency to ensure compliance with the permit conditions. Frequency, methods of sampling, and monitoring dates will be specified in the final permit. Any requirements in the permit to only monitor and report data are based on Section 308(a) of the Clean Water Act.

Proposed Schedule for Permit Issuance

Draft Permit to Applicant	February 13, 1991
Draft to State for Certification	March 13, 1991
Proposed Public Notice Date	April 18, 1991
Proposed Issuance Date	May 18, 1991
Proposed Effective Date	July 1, 1991



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

SEP 16 1991

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

REF: 4WM-FP

Mr. Paul H. Bradtmiller
Senior Vice President
Florida Cities Water Company
P.O. Box 21119
Sarasota, Florida 34276

RE: Final Issuance of NPDES Permit No. FL0042293
Barefoot Bay WWTP

Dear Mr. Bradtmiller:

Enclosed is the National Pollutant Discharge Elimination System (NPDES) permit for the above-referenced facility. This action constitutes the Environmental Protection Agency's final permit decision in accordance with Title 40, Code of Federal Regulations (C.F.R.) Section 124.15(a). The permit will become effective as specified, provided that no timely request for an evidentiary hearing is received by the Agency.

Any interested person may contest this decision by submitting a timely request for an evidentiary hearing (hearing) pursuant to the procedures at 40 C.F.R. § 124.74. If a request for a hearing is received by the Agency, following review, a determination will be made and the requester advised of the Agency's decision on the request. Until that time, please be advised that any request will render the permit ineffective pursuant to 40 C.F.R. § 124.15(b). For a new source, a new discharger, a recommencing discharger, or a facility for which an untimely permit renewal application was submitted, a hearing request renders the facility without an NPDES permit and the facility may not discharge (unless relief is granted by the Presiding Officer under 40 C.F.R. § 124.60(a)).

If the evidentiary hearing request is granted, in whole or part, to an existing source, the effect of the contested provision(s), and any other conditions not severable from those conditions, will be stayed and not subject to judicial review pending final Agency action. In this case, all provisions of the prior permit, as well as, all uncontested provisions of the reissued permit shall continue fully enforceable and effective pending final Agency action on the permit appeal. See 40 C.F.R. § 124.60.

To request an evidentiary hearing under 40 C.F.R. § 124.74, you must submit an original and two copies of the request to the Regional Hearing Clerk at the letterhead address within thirty (30) days from service of this notice. A copy of the procedures and requirements for evidentiary hearing requests and appeals to the Administrator is enclosed.

For purposes of judicial review under the Clean Water Act, 33 U.S.C. § 1251 et seq., final Agency action on a permit does not occur unless and until a party has exhausted its administrative remedies as required by 40 C.F.R. Part 124.

Further information on procedures pertaining to the filing of an evidentiary hearing request or other legal matters may be obtained by contacting Jacqueline F. Colson or Kevin B. Smith, Assistant Regional Counsels, at (404) 347-2335.

Sincerely yours,

W. Ray Cunningham, Director
Water Management Division

Enclosures (4): Evidentiary Hearing Procedures
 Final NPDES Permit
 Amendment to Fact Sheet or Statement of Basis
 Discharge Monitoring Report Form and
 Instructions

cc: Florida DER (with all enclosures, except Evid. Hearing
 Procedures)

bc: FL NPDES Compliance Clerk (with all enclosures, except
 Evid. Hearing Procedures)

PERMIT NO. FL0042293
Minor - Non POTW

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IV

AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended (33 U.S.C. 1251 et seq.; the "Act"),

Barefoot Bay WWTP
c/o Florida Cities Water Company
P.O. Box 21119
Sarasota, Florida 34276-4119

is authorized to discharge from a facility located at

North end of Dottie Lane
Brevard County
Barefoot Bay, FL 32976

to receiving waters named

Drainage canal leading to
north prong of Sebastian Creek


in accordance with effluent limitations, monitoring requirements and other conditions set forth herein. The permit consists of this cover sheet, Part I 5 pages, Part II 16 pages, Part III 1 page, and Part IV 3 pages.

This permit shall become effective on November 1, 1991.

This permit and the authorization to discharge shall expire at midnight, June 30, 1995.

SEP 16 1991

Date Issued


W. Ray Cunningham, Director
Water Management Division

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS - Final

1. During the period beginning on the effective date and lasting through June 30, 1995, the permittee is authorized to discharge from outfall(s) 001, sanitary wastewater.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>PARAMETERS</u>	<u>DISCHARGE LIMITATIONS</u>			<u>MONITORING REQUIREMENTS</u>		
	<u>Annual Average</u>	<u>Monthly Average</u>	<u>Daily Maximum</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	<u>Sampling Point *</u>
Flow, MGD	Report	Report	Report	5/Week	Representative	Effluent
BOD - 5 Day, mg/l	20.0	30.0	60.0	1/Week	8-hr. Composite	Effluent
Total Suspended Solids, mg/l	20.0	30.0	60.0	1/Week	8-hr. Composite	Effluent
Fecal Coliform Bacteria, N/100 ml	(See Item 6, page I-3)			1/Month	Grab	Effluent
Total Residual Chlorine, mg/l	(See Part I.A.2. for effluent limit and approved testing procedures. See Part I.B.1 for compliance schedule and compliance dates.)			7/Week	Grab	Effluent
pH shall not be less than 6.0 nor greater than 8.5 standard units.				5/Week	Grab	Effluent
Chronic Whole Effluent Toxicity	(See Item 9, Page I-3)			See Part IV	24-hr. Composite	Effluent

* See Item 7, Page I-3.

PART I (CONTINUATION)
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

2. **INTERIM TOTAL RESIDUAL CHLORINE (TRC) LIMIT:** The daily maximum concentration of TRC in the final effluent shall not exceed 0.2 mg/l beginning the effective date of this permit through the operational level of the final TRC limit.

FINAL TRC LIMIT: The daily maximum concentration of total residual chlorine (TRC) in the final effluent shall not exceed 0.01 mg/l and shall be achieved no later than three months from the effective date of the permit. This limit is included to prevent toxic effects from chlorine in the receiving waters. This compliance schedule allows the permittee time to apply for a mixing zone for TRC from the Florida Department of Environmental Regulation (FDER), if the permittee determines such to be a benefit. If a mixing zone for TRC is granted by FDER and concurred with by EPA, the permittee may apply for a modification of the above TRC limit from EPA.

Testing for total residual chlorine (TRC) shall be conducted according to either the amperometric titration method, the low-level amperometric titration method (if compliance with a permit limitation of 0.20 mg/l or less is to be demonstrated), or the DPD colorimetric method as specified in Section 4500-Cl D., 4500-Cl E., or 4500-Cl G., respectively, Standard Methods for the Examination of Water and Wastewater, 17th Edition. If chlorine is not detected using one of these methods, the permittee shall report on the discharge monitoring report form, the analytical results for chlorine as being measured at less than the detection level for the test method selected; the test method shall also be reported. The permittee shall then be considered to be in compliance with the above daily maximum effluent limit for TRC.

3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. The effluent shall not cause a visible sheen on the receiving water.
5. Any bypass of the treatment facility, which is not included in the effluent monitored above, is to be monitored for flow and all other parameters (except whole effluent toxicity testing). For parameters other than flow, at least one grab sample per day shall be monitored. Daily flow shall be monitored or estimated, as appropriate, to obtain reportable data. All monitoring results shall be reported on a Discharge Monitoring Report (DMR) Form (3320-1).

6. The arithmetic average of the monthly fecal coliform values (calculated as a geometric mean) collected during an annual period shall not exceed 200/100 ml of effluent sample. Any one sample shall not exceed 800 fecal coliform colonies per 100 ml of effluent sample.
7. Samples taken in compliance with the monitoring requirements specified in this permit for all parameters except fecal coliform shall be taken at the nearest accessible point after final treatment but prior to the actual discharge or mixing with the receiving waters. Samples for fecal coliform shall be taken after treatment at the chlorine contact chamber but prior to entering the polishing/percolation ponds.
8. For the parameters, BOD, TSS, and Fecal Coliform, no violations for annual average will be deemed to have occurred until data have been compiled for the first 12 months after the effective date of the permit.
9. The effluent shall not be chronically toxic to, or produce adverse physiological or behavioral responses in, aquatic animals. An effluent no observable effect concentration (NOEC) of less than 100% for any test species will constitute a violation of Florida Administrative Code (FAC) Section 17-302.510(3)(p), May 29, 1990, and the terms of this permit. The testing for this requirement shall conform with Part IV of this permit.
10. If the results for a given sample analysis are such that any parameter (other than fecal coliform) is not detected at or above the minimum level for the test method used, a value of zero will be used for that sample in calculating an arithmetic effluent mean value for the parameter. In the case of fecal coliform, a value of 1.0 shall be used in calculating the geometric mean.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Discharge 001:

Operational level attained. . . Effective Date of
Permit

Discharge 001 Cease Discharge Schedule:

First Report of Progress . . .December 31, 1991
Second Report of Progress. . .December 31, 1992
Third Report of Progress . . .December 31, 1993
Fourth Report of Progress. . .December 31, 1994
Cease Discharge.June 30, 1995

Total Residual Chlorine Final Limit:

Operational Level Attained. . No later than three
months from the
effective date of the
permit.

2. No later than 14 calendar days following a date identified in the above schedule of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

C. SLUDGE MANAGEMENT PRACTICES

1. The permittee must sample and analyze the sludge and report to EPA the quantitative data for the 125 priority pollutants listed in 40 CFR 122, Appendix D, Tables II and III. Qualitative data for 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) must also be submitted if the permittee knows or has reason to believe that TCDD is or may be present in the sludge.
 - a. The permittee must submit the above data within 1 year of the effective date of this permit.
2. The permittee must submit within 30 days of the effective date of this permit the sludge production volume (specify if daily or annual; if actual volume is not known, estimate the quantity of sludge being handled and so indicate) and the sludge disposal practice.
3. The permittee shall provide sludge inventory data to the State and EPA, as part of EPA's inventory updates as requested. The data should include, but not be limited to, sludge quantity and characteristics.
4. Reopener. If an applicable "acceptable management practice" or numerical limitation for pollutants in sewage sludge promulgated under Section 405(d)(2) of the Clean Water Act, as amended by the Water Quality Act of 1987, is more stringent than the sludge pollutant limit or acceptable management practice in this permit, or controls a pollutant not limited in this permit, this permit shall be promptly modified or revoked and reissued to conform to the requirements promulgated under Section 405(d)(2). The permittee shall comply with the limitations by no later than the compliance deadline specified in the applicable regulations as required by Section 405(d)(2)(D) of the Clean Water Act.
5. Notice of change in sludge disposal practice. The permittee shall give prior notice to the Regional Administrator of any change planned in the permittee's sludge disposal practice.
6. Cause for modification. 40 CFR 122.62(a)(1) provides that the following is a cause for modification but not revocation and reissuance of permits except when the permittee requests or agrees. (a) Alterations. There are material and substantial changes or additions to the permitted facility or activity which occurred after permit issuance which justify the application of permit conditions that are different or absent in the existing permit.
7. Upon review of information provided by the permittee as required by the above items, or results from an on-site inspection, the permit shall be subject to modification to incorporate appropriate requirements.

Part III

Other Requirements

A. Reporting of Monitoring Results

Monitoring results obtained for each calendar month shall be summarized and reported on a Discharge Monitoring Report Form (DMR) (EPA No. 3320-1). These forms shall be submitted after each calendar quarter and postmarked no later than the 28th day of the month following the completed calendar quarter. (For example, data for January-March shall be submitted by April 28.) Calendar quarters are January-March, April-June, July-September, and October-December. Signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority at the following address:

Environmental Protection Agency
Region IV
Compliance Section
Facilities Performance Branch
Water Management Division
345 Courtland Street, N.E.
Atlanta, GA 30365

If no discharge occurs during the reporting period, sampling requirements of this permit do not apply. The statement "No Discharge" shall be written on the DMR form. If, during the term of this permit, the facility ceases discharge to surface waters, the Permit Issuing Authority and the State shall be notified immediately upon cessation of discharge. This notification shall be in writing.

B. Reopener Clause

This permit shall be modified, or alternatively, revoked and reissued to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), 307(a)(2), and 405(d)(2)(D) of the Clean Water Act (the Act), as amended, if the effluent standard, limitation, or sludge disposal requirement so issued or approved:

1. Contains different conditions or is otherwise more stringent than any condition in the permit; or
2. Controls any pollutant or disposal method not addressed in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

CHRONIC FRESHWATER LANGUAGE

PART IV
Whole Effluent Toxicity Testing Program

As required by Part I of this permit, the permittee shall initiate the series of tests described below beginning in November 1991 to evaluate whole effluent toxicity of the discharge from outfall 001. All test species, procedures and quality assurance criteria used shall be in accordance with Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms, EPA/600/4-89/001, or the most current edition(s). The dilution/control water used will be a moderately hard water as described in EPA/600/4-89/001, Section 7 (or the most current edition). A standard reference toxicant quality assurance test shall be conducted concurrently with each species used in the toxicity tests and the results submitted with the discharge monitoring report (DMR). Alternatively, if monthly QA/QC reference toxicant tests are conducted, these results must be submitted with the DMR.

1. a. The permittee shall conduct a daphnid (Ceriodaphnia dubia) Survival and Reproduction Test and a Fathead Minnow (Pimephales promelas) Larval Survival and Growth Test. These tests shall be conducted using a control (0% effluent) and one test concentration consisting of 100% effluent (equivalent to the Receiving Water Concentration (RWC) of the effluent in the receiving water at critical conditions). Unacceptable chronic toxicity will be demonstrated if either test results in a no observable effect concentration (NOEC) less than 100% effluent. All test results shall be statistically analyzed according to Appendix H, EPA/600/4-89/001, or the most current edition.
- b. For each set of tests conducted, a minimum of three different 24-hour composite samples of final effluent shall be collected and used per the sampling schedule of Section 8.1.4.2, EPA/600/4-89/001 (or the most current edition). All test solutions shall be renewed daily. If test results do not meet the acceptability criteria of either Section 12, paragraph 12.10 or Section 10, paragraph 11.11, EPA/600/4-89/001 (or the most current edition), that test shall be repeated. A chronic test will be considered valid only if the acceptability criteria referenced above are met.
- c. If 100% mortality occurs in the RWC test concentration prior to the end of the test and control mortality is acceptable at that time, that test (including the control) shall be terminated with the conclusion that the sample demonstrates unacceptable chronic toxicity.

2. a. The toxicity tests specified above shall be conducted once every two months until 6 valid bimonthly tests have been completed, and once every 6 months thereafter for the duration of the permit, unless notified otherwise by EPA. These tests are referred to as "routine" tests.
- b. Results from "routine" tests shall be reported according to EPA/600/4-89/001, Section 9, Report Preparation (or the most current edition), and shall be submitted as an attachment to the DMR. Such results are to be entered on the DMR in the following manner:

If the NOEC of a test species is less than 100% effluent, '<100%' should be entered on the DMR for that species. If the NOEC of a test species is greater than or equal to 100% effluent, '>100%' should be entered.

3. a. If unacceptable chronic toxicity (a NOEC less than 100% effluent in either test) is found in a "routine" test, the permittee shall conduct two additional toxicity tests, on the specie(s) indicating unacceptable toxicity. For each additional test, the sample collection requirements and test acceptability criteria specified in Section 1(b) above, must be met for the test to be considered valid. The first test shall begin within two weeks of the end of the "routine" test and the second test shall be conducted two weeks later. If either or both of these tests are invalid, additional test(s) are to be conducted every two weeks until two valid tests are completed (e.g., if the first test is valid and the second test is not, the permittee shall continue to conduct tests until one more test is valid). The additional tests will be used to determine if the toxicity found in the "routine" test is still present.

For "routine" tests with unacceptable chronic toxicity, the permittee shall conduct additional daphnid (Ceriodaphnia dubia) Survival and Reproduction and/or fathead minnow (Pimephales promelas) Survival and Growth multi-concentration tests, as appropriate. The tests will be conducted on a control, 100% effluent, and the following % effluent concentrations: 0.125 x the RWC, 0.25 x the RWC, 0.5 x the RWC, and 0.75 x the RWC. The sample collection requirements specified in Section 1(b) above shall be met.

- b. Results from additional tests, required due to unacceptable chronic toxicity in the "routine" test, shall be submitted in a single report prepared according to EPA/600/4-89/001, and submitted within 45 days of completion of the second additional, valid test.

4. For all tests conducted prior to the effective date of the final total residual chlorine limit, the final effluent sample must be artificially dechlorinated before test initiation. For all tests conducted after this date, a final effluent sample must be used.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

AMENDMENT TO THE STATEMENT OF BASIS AT THE TIME OF
FINAL PERMIT ISSUANCE

DATE: SEP 16 1991

APPLICATION NO: FL0042293

NAME OF APPLICANT: Barefoot Bay WWTP

1. Changes to Permit from Draft Permit to Final Permit Stage:

Page I-1: Reference to the sampling point for each parameter was added.

Page I-2, Item 2: An interim total residual chlorine (TRC) limit of 0.2 mg/l (daily maximum) was added to the permit with a requirement to meet the final TRC limit of 0.01 mg/l no later than three months from the effective date of the permit. These requirements are based on comments from the U.S. Fish and Wildlife Service by letters dated June 7, 1991, and August 8, 1991. Their comments state that in the case of TRC, there should be no significant adverse impacts as long as the effluent is discharged upon a spray field. However, if there should be direct discharges into the drainage canal (as is the case with Barefoot Bay WWTP at this time), severe impacts to the fishery in the canal and Sebastian Creek could result, thus adversely impacting the wood stork which is classified as an endangered species. Therefore, the Fish and Wildlife Service recommends that no direct discharges to the canal be permitted, or that a 0.2 mg/l interim TRC limit be applied to the permit.

Page I-3, Item 7: The final permit requires that sampling for fecal coliform will be taken after treatment at the chlorine contact chamber but prior to entering the polishing/percolation ponds. The draft permit required that sampling for fecal coliform be taken at the nearest accessible point after final treatment but prior to the actual discharge or mixing with the receiving water.

Page I-4: The compliance schedule for Total Residual Chlorine (TRC) was revised to require meeting the final limit of 0.01 mg/l no later than three months from the effective date of the permit.

2. Public Comment:

Comments were received from the U.S. Fish and Wildlife Service (FWS) by letter dated June 7, 1991. An additional letter dated August 8, 1991, was received from the FWS to confirm verbal recommendations concerning final permit issuance. These comments were incorporated into the final NPDES permit. No other comments were received during the public comment period.

3. State Certification:

Certification for final issuance of this permit was requested by the Environmental Protection Agency on May 9, 1991. The Florida Department of Environmental Regulation waived certification per 40 C.F.R. 124.53(c). (Certification was waived by telephone conversation.)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.

ATLANTA, GEORGIA 30365

STATEMENT OF BASIS

NPDES NUMBER: FL0042293

FACILITY NAME: Barefoot Bay WWTP

LOCATION: North end of Dottie Lane
Brevard County
Barefoot Bay, Florida 32976

RECEIVING STREAM: Drainage Canal leading to north
prong of Sebastian Creek

CLASSIFICATION: Class III Waters

USE DESIGNATION: Recreation, Propagation, and Maintenance of a
Healthy, Well-Balanced Population of Fish and
Wildlife

PERMIT WRITER: Bridget C. Crawford

This facility has one discharge of sanitary wastewater from a sewage treatment plant operation. The effluent limitations and monitoring requirements are based upon the State of Florida Administrative Code as follows:

<u>Parameter</u>	<u>Basis for Effluent Limitation</u>	<u>Basis for Monitoring Requirement</u>
Flow, MGD	--	FAC 17-19.050 (8-30-88)
BOD - 5 Day	FAC 17-600.740(1)(b)1. (11-27-89)	"
Total Suspended Solids	"	"
Fecal Coliform Bacteria	FAC 17-302.560(5) (5-29-90)	"
pH	FAC 17-302.560(1) (5-29-90)	"
Total Residual Chlorine	(See next page)	(See next page)
Toxicity Testing	(See next page)	(See next page)

The permittee shall cease discharge by June 30, 1995 in accordance with the State of Florida Statutes - Chapter 90-262 (July 2, 1990), which requires sewage treatment plants in the Indian River basin to cease discharge by July 1, 1995. In certain situations, exceptions to this requirement may be granted by the Florida Department of Environmental Regulation.

The Final Total Residual Chlorine (TRC) Limit has been established in accordance with Florida Administrative Code 17-302.560(10) dated 5-29-90. TRC test procedures and monitoring requirements are based on the document, "Region IV NPDES Permits Chlorine Strategy," dated April 11, 1986.

Toxicity Testing

Toxicity testing requirements and limits have been included to ensure that the effluent conforms with FAC Sections 17-302.510(3)(p) (May 29, 1990) and are based on the rationale contained in the Regional policy document, "Whole Effluent Toxicity Testing Policy for Florida", dated May 5, 1986. The inclusion of a whole effluent toxicity limit in the permit is also authorized and required by 40 CFR Section 122.44(d)(1)(iv).

The Receiving Water Concentration (RWC) is used to determine the type of whole effluent toxicity testing required in a permit. When the source of the facility's water supply is not the receiving water, the RWC is calculated using the following equation:

$$RWC (\%) = 100 \times \frac{Q_w}{(Q_r + Q_w)}$$

where, Q_w = 1.0 MGD (design or appl. max. 30-day avg. flow)
 Q_r = Receiving water flow at appropriate low flow conditions (the 7Q10 flow in this case)
= 0.0 cfs (0.0 MGD)

$$RWC (\%) = 100 \times 1.0 / (0.0 + 1.0) = 100\%$$

Based on a 7Q10 of 0.0 cfs at the point of discharge, a receiving water concentration (RWC) of 100% will exist at a design discharge flow of 1.0 MGD after complete mixing at low flow conditions. Freshwater species are proposed to reflect the applicant's discharge to a freshwater environment.

The effluent NOEC (%) is determined using the following equation:

$$\text{effluent NOEC (\%)} \geq RWC$$

For this facility the RWC is greater than 1% of the receiving water flow at approximate low flow conditions; therefore, 7-day chronic toxicity requirements (expressed as NOEC) were selected.

Monitoring Requirements

The applicant will be required to monitor for flow and the above parameters with sufficient frequency to ensure compliance with the permit conditions. Frequency, methods of sampling, and monitoring dates will be specified in the final permit. Any requirements in the permit to only monitor and report data are based on Section 308(a) of the Clean Water Act.

Proposed Schedule for Permit Issuance

Draft Permit to Applicant	February 13, 1991
Draft to State for Certification	May 3, 1991
Proposed Public Notice Date	June 30, 1991
Proposed Issuance Date	July 8, 1991
Proposed Effective Date	September 1, 1991

DISCHARGE MONITORING REPORT
GENERAL INSTRUCTIONS FOR COMPLETION

1. Monitoring Period - Fill in the monitoring period as provided for on the DMR. The monitoring period begins on the first day of the month and ends on the last.
2. Completion of Reported Values - For each parameter limited or monitored, the computed values must be entered.

3. Quantity or Loading (lbs/day or kg/day) - The "average monthly discharge" is the total of the daily loads (in pounds) as derived from each day's calculated measurement divided by the number of days during the month the measurements were made. In completing calculations for these averages, quantities or loadings are to be reported in lbs/day or kg/day using the following equations:

$$\text{Quantity (lbs/day)} = \text{Flow (MGD)} \times \text{concentration (mg/l)} \times 8.34$$

$$\text{Quantity (kg/day)} = \text{Flow (MGD)} \times \text{concentration (mg/l)} \times 3.79$$

4. Frequency of Analysis - Enter frequency of analysis which is the actual frequency of sampling and analysis used during the monitoring period; the minimum is as specified in the permit and on the DMR.

All monitoring frequency requirements of the permit are minimum requirements. The results of any additional monitoring of parameters at the location(s) designated in the permit, using the approved analytical methods, must be included on the DMR. Such increased frequency should also be indicated on the DMR.

5. Sample Type - Enter the sample type as Sample Measurement (actual sample type used during the monitoring period).
6. No. Ex. (Number of Exceptions) - Enter the number of sample measurements as calculated values for the monitoring period that exceed (maximum and/or minimum, 7-day average, etc.) the permit requirements for each parameter. The number should be the total of all exceptions during the reporting period, including quantity and quality limits. If none occurred, then enter "0".
7. If no discharge occurs during the month, a report must still be submitted. Simply enter "No Discharge" across the face of the DMR for that reporting month.
8. When violations of permit conditions are reported, attach a brief explanation describing the cause of the violation and any corrective actions taken. Reference each violation by date.
9. Complete the bottom of the DMR with the name and title of the principal executive officers, the date, and the telephone number, along with the signature of the principal officer or authorized agent. Each sheet must be signed.
10. Mail a copy to the appropriate EPA office and keep one copy on file at the permittee's lab or office.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location) (4/17/88)
NAME P 1st Bay WWTP
ADDRESS C Florida Cities Water Company
P Box 21119
Sarasota, Florida 34276-4119
FACILITY North End of Dottie Lane
LOCATION Brevard Co., Barefoot Bay, FL 32976

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19) FINAL
FL0042 001 1
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
FROM TO
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
MINOR

Form App.
OMB No. 20- 4.
Approval expires 6-30-91

NOTE: Read instructions before completing this form.

PARAMETER (32-33)	SAMPLE MEASUREMENT (34-35)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-47)	MAXIMUM (48-49)	UNITS (50-53)	MINIMUM (54-55)	AVERAGE (56-57)	MAXIMUM (58-59)			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	MGD	*****	*****	*****	****	ONCE / MONTH	CALCULATED
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	MGD	*****	*****	*****	****	WEEKLY	COMPARISON
BOD, 5-DAY (20 DEG C) 00310 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	ONCE / MONTH	CALCULATED
BOD, 5-DAY (20 DEG C) 00310 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	WEEKLY	COMPARISON
SOLIDS, TOTAL SUSPENDED 00530 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	ONCE / MONTH	CALCULATED
SOLIDS, TOTAL SUSPENDED 00530 1E 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	MG/L	WEEKLY	COMPARISON
CONFORM, REGAL GENERAL 74055 - X S 0 END CHLORINE CONTACT	SAMPLE MEASUREMENT REQUIREMENT	*****	*****	*****	*****	*****	*****	# / 100ML	ONCE / MONTH	CALCULATED

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY KNOWLEDGE OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. If penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.	TELEPHONE	DATE		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
O=INTERIM TOTAL RESIDUAL CHLORINE (TRC) LIMIT: Daily max. concentration in final effluent begins effective date of permit. P=FINAL TRC LIMIT: Daily max. concentration in final effluent to be achieved no later than 3 mos. from effect. date of permit. ANNUAL AVG. LIMITS become effective 12 mos. fr. effect. date of permit.

Form Apprc
OMB No. 20

Approval expires 3-30-91.

FL00422
PERMIT NUM

001 1.
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
126-31	12-31	126-29		126-29	128-27	128-20

MIÑOR

NOTE: Read instructions before completing this form.

AME/TITLE PRINCIPAL EXECUTIVE OFFICER

3. CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED THE INFORMATION SUBMITTED HEREIN, AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING 18 U.S.C. 1001 AND 18 U.S.C. 1002. TO: AND FROM: 33 U.S.C. 1319. (Penalties under these statutes may include fines and or maximum imprisonment of between 6 months and 5 years.)

**SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT**

TELEPHONE

DATE _____

AREA
CORN

NUMBER

[illegible]

MO

DAY

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

=INTERIM TOTAL RESIDUAL CHLORINE (TRC) LIMIT: Daily max. concentration in final effluent begins effective date of permit. P=FINAL TRC LIMIT: Daily max. concentration in final effluent to be achieved no later than 12 mos. from effect. date of permit. ANNUAL AVG. LIMITS become effective 12 mos. fr. effect. date of permit.

MINOR

NOTE: Read instructions before completing this form.

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)						CODE
Toxicity testing rpts. shall be attached to and submitted with the quarterly discharge monitoring reports. 001U shall be used after 6 valid tests are conducted.						

NAME Port Bay WWTP
 ADDRESS Florida Cities Water Company
Box 21119
Sarasota, Florida 34276-4119
 FACILITY North end of Dottie Lane
 LOCATION Brevard Co., Barefoot Bay, FL 32976

NATIONAL POLLUTANT DISCHARGE ELIMINATION ACT (NDES)

DISCHARGE MONITORING REPORT (DMR)

FINAL

FLO04		001	
PERMIT N		DISCHARGE NUMBER	
MONITORING PERIOD			
FROM	YEAR	MO	DAY
	TO	YEAR	MO DAY
(20-21)	(22-23)	(24-25)	(26-27) (28-29) (30-31)

Form Ac
 OMB No. 14.
 Approval expires 6-30-91.

MINOR

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (45-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
NOEL STAIRS (DAY)										
CHR CERIODAPHNIA	SAMPLE MEASUREMENT	*****	*****	****		*****	*****	PER-		
TBP3B 1 0	PERMIT REQUIREMENT			****				CENT		
EFFLUENT GROSS VALUE										
NOEL STAIRS (DAY)										
CHR PIMEPHALES	SAMPLE MEASUREMENT	*****	*****	****		*****	*****	PER-		
TBP6C 1 0	PERMIT REQUIREMENT			****				CENT		
EFFLUENT GROSS VALUE										
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
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	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER [Signature] TELEPHONE [Area Code] [Number] DATE YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 Toxicity testing rpts. shall be attached to and submitted with the quarterly discharge monitoring reports.
 001T shall be used until 6 valid tests are conducted.

FACILITY NAME _____
NPDES NUMBER _____
PERMIT WRITER _____

STEP I - INITIAL DMR COMPLETENESS CHECK

- | | INITIAL/DATE |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1. PERMIT WRITER (DUE: Two weeks prior to P.N.)
Obtain a hardcopy of the of the DMR (if preprints are available in PCS) from Forrest Leedy to use as your initial DMR for making changes and corrections. Make any additions on a blank DMR form as needed. Make notes directly on the DMR to assist CSC with the final coding. Attach the final draft and handwritten/corrected DMR to this sheet and begin routing. | _____ |
| 2. C. KAGEY (DUE: Within 2 working days of receipt)
Review and verify for accuracy. Return to Permit Writer if corrections are needed. Returned for changes.

If DMR is okay, log and route to Compliance. | _____
_____ |
| 3. COMPLIANCE (DUE: Within 3 working days of receipt)
Check for completeness and errors. Confer with Permit Writer and/or Connie Kagey as necessary.
Check one:
___ OKAY
___ Changes as shown are needed, discuss with Permit Writer if needed. | _____
_____ |
| 4. C. KAGEY (DUE: Upon receipt)

Log and route | _____ |
| 5. PERMIT WRITER (DUE: Within 2 working days of receipt)
Verify that any changes made by Compliance are okay; if not, confer with Compliance until agreement is reached. | _____ |
| 6. C. KAGEY (DUE: Upon receipt)

Log and route | _____ |
| 7. CSC (DUE: Within 3 working days of receipt)
Review to insure that DMR data may be inputted as shown.
Check one:
___ OKAY
___ Changes as shown are needed, discuss with Permit Writer if needed. | _____
_____ |
| 8. C. KAGEY (DUE: Upon receipt)

Log and route | _____ |
| 9. PERMIT WRITER (DUE: Within 2 working days of receipt)
Verify that any changes made by CSC are okay; if not, confer with CSC until agreement is reached. File until issuance of permit, then begin STEP II routing immediately upon permit issuance. You should repeat Step I if revisions to the permit occur between this routing and issuance of the final permit that involve significant DMR changes. | _____ |

FACILITY NAME _____
 NPDES NUMBER _____
 PERMIT WRITER _____

ISSUANCE DATE _____
 EFFECTIVE DATE _____
 EXPIRATION DATE _____

ENFORCEMENT LIMITS: NO YES
 (to be completed by E. Sims)

STEP II - OBTAINING DMRs & FINAL CHECK

1. PERMIT WRITER (DUE: When the final permit/modification has been issued) Begin routing. Complete the above info. Attach any necessary compliance routing sheets. Write any notes to CSC on the DMR. Write any different effective dates for specific parameters next to the parameters (i.e., TRC, toxicity, annual average). INITIAL/DATE _____

2. C. KAGEY (DUE: Upon receipt) Check for quality assurance. Log & place into suspense file (if needed). _____

C. KAGEY (DUE: At least one month before effective date) Log & route. Route first time to E. Sims. If under enforcement limits always reroute through E. Sims.

1st Reroute _____

2nd Reroute _____

3rd Reroute _____

3. E. SIMS (DUE: ASAP) Mark if under enf. limits. If yes, follow Compliance Internal Routing. Log & route _____

4. CSC (DUE: Within 5 working days of receipt) Enter data & compliance schedule into PCS or enter corrections as indicated by the Permit Writer. Check input & print DMR Limits Summary, Compliance Schedule, & Address Sheet.

1st Entry of corrections, reprint DMR limits summary _____

2nd Entry of corrections, reprint DMR limits summary _____

3rd Entry of corrections, reprint DMR limits summary _____

5. C. KAGEY (DUE: Upon receipt)

Log and route _____

1st Reroute _____

2nd Reroute _____

3rd Reroute _____

6. PERMIT WRITER (DUE: Within 2 working days of receipt) Review thoroughly each time the DMR Limits Summary & Compliance Schedule for permit issuance/modification items. Be certain to check the facility contact and address. Note changes in ink other than black. Confer with C. Kagey if needed.

NOTE: IF THIS HAS ENFORCEMENT LIMITS, THIS IS THE FINAL CHECK FOR PERMIT RELATED LIMITS, COMMENTS, & ADDRESS

_____ 1st change as noted, go back to #2 _____

_____ 2nd change as noted, go back to #2 _____

_____ 3rd change as noted, go back to #2 _____

_____ OKAY, complete question & go to #7 _____

Are there specific instructions to be sent to the permittee?

_____ NO

_____ YES, Attach to this sheet the specific instructions (this will be included with the letter to the permittee.

.. C. KAGEY (DUE: Upon receipt) Attach correct second page (depending on enforcement limits or not).

Log & route _____

SCHEDULES OF COMPLIANCE

FACILITY NAME _____ Major/Minor _____
 NPDES NUMBER _____

MODIFICATION yes no
 MODIF. DATE (PTEV=30099) _____

ISSUANCE DATE _____
 EFFECTIVE DATE _____
 EXPIRATION DATE _____

PERMIT WRITER _____

COMPLETELY FILL OUT THE FOLLOWING SCHEDULES

Use "N/A" where the information does not need to be coded into PCS.

SLUDGE LANGUAGE (Low Priority)

<u>CSCH</u>	<u>DSCD</u>	<u>EVNT</u>	<u>DATE</u>	<u>Description for use by staff</u>
01	SLDG	07099	_____	Submittal of test results for priority pollutants (Item #1 of sludge requirements)
01	SLDG	10099	_____	Submittal of sludge volume (Item #2 of sludge requirements)

SLUDGE LANGUAGE (High Priority)

<u>CSCH</u>	<u>DSCD</u>	<u>EVNT</u>	<u>DATE</u>	<u>Description for use by staff</u>
01	SLDG	07099	_____	Submittal of test results for priority pollutants (Item #1 of sludge reqm'ts). 1st year.
02	SLDG	07099	_____	2nd year
03	SLDG	07099	_____	3rd year
04	SLDG	07099	_____	4th year
05	SLDG	07099	_____	5th year
01	SLDG	10099	_____	Submittal of sludge volume (Item #2 of sludge reqm'ts)

 Permit Writer, initial and date

 W. Swift, initial and date after input is completed.

If minor, route this back to Permit Writer.

If major, route this sheet along with printed schedule with DMR routing sheet.

SCHEDULES OF COMPLIANCE

FACILITY NAME _____ Major/Minor _____
 NPDES NUMBER _____

MODIFICATION yes no
 MODIF. DATE (PTEV=30099) _____

ISSUANCE DATE _____
 EFFECTIVE DATE _____
 EXPIRATION DATE _____

PERMIT WRITER _____

COMPLETELY FILL OUT THE FOLLOWING SCHEDULES

Use "N/A" where the information does not need to be coded into PCS.

TOTAL RESIDUAL CHLORINE

<u>CSCH</u>	<u>DSCD</u>	<u>EVNT</u>	<u>DATE</u>	<u>Description for use by staff</u>
01	TRCL	00199	_____	1st report of progress
01	TRCL	00299	_____	2nd report of progress
01	TRCL	00399	_____	3rd report of progress
01	TRCL	05699	_____	Operational level attained

MISCELLANEOUS ITEMS

<u>CSCH</u>	<u>DSCD</u>	<u>EVNT</u>	<u>DATE</u>	<u>Description for use by staff</u>
01	MISC	1/	_____	Permit Writer should describe the item(s) in this field

1/ 33099 through 33999 may be used

01	MISC	_____	_____	_____
01	MISC	_____	_____	_____
01	MISC	_____	_____	_____
01	MISC	_____	_____	_____

_____ Permit Writer, initial and date

_____ W. Swift, initial and date after input is complete
 If minor, route this back to Permit Writer.
 If major, route this sheet along with printed schedule
 with DMR routing sheet.

PERMITTEE NAME _____ ADDRESS (Include _____)
Facility Name/Location _____
NAME _____
ADDRESS _____
FACILITY _____
LOCATION _____

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (NPDES) (2-16)
WASTE ELIMINATION SYSTEM (NPDES) MONITORING REPORT (DMR) (17-19)
PERMIT NUMBER _____ DISCHARGE NUMBER _____
MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form App.
OMB No. 2040-004.
Approval expires 6-30-91.

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3-Card Only) QUANTITY OR LOADING (46-53)			(4-Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

TYPED OR PRINTED

AREA
CODE

NUMBER

YEAR

MO

DAY

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

PERMITTING AGENCY (NAME)
 NAME: **FLORIDA CITIES WATER COMPANY**
 ADDRESS: **Box 2119, Sarasota, FL 34276-4119**
 FACILITY: **North End of Dottie Lane**
 LOCATION: **Brevard Co., Brevard Bay, FL 32976**

DISCHARGE MONITORING REPORT (DMR)
 PERMIT NUMBER: **FE004**
 DISCHARGE NUMBER: **001 1**
 MONITORING PERIOD
 YEAR: **82** MO: **12** DAY: **1** TO YEAR: **82** MO: **12** DAY: **1**
 FROM YEAR: **82** MO: **12** DAY: **1** TO YEAR: **82** MO: **12** DAY: **1**

FINAL

Form Ap.
 OMB No. **4-74**
 Approval expires **6-30-91**

MINOR

NOTE: Read instructions before completing this form.

PARAMETER (52-57)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (54-55)			(4 Card Only) QUALITY OR CONCENTRATION (54-57)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT				MGD							
50050 12 0			*****		*****	*****	*****	****			
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT				MGD							
50050 12 0					*****	*****	*****	****			
EFFLUENT GROSS VALUE											
BOD, 5-DAY (20 DEG. C)								MG/L			
00310 12 0											
EFFLUENT GROSS VALUE											
BOD, 5-DAY (20 DEG. C)								MG/L			
00310 12 0											
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED								MG/L			
00530 12 0											
EFFLUENT GROSS VALUE											
SOLIDS, TOTAL SUSPENDED								MG/L			
00530 12 0											
EFFLUENT GROSS VALUE											
CODIFORM, REGAL GENERAL								#/100ML			
74055 12 0											
END-CHLORINE CONTACT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: _____
 I CERTIFY, UNDER PENALTY OF LAW, THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY SIGHT OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. § 1001 AND 22 U.S.C. § 1318. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)
 TYPED OR PRINTED: _____
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: _____
 TELEPHONE: _____ DATE: _____
 AREA CODE: _____ NUMBER: _____ YEAR: _____ MO: _____ DA: _____

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 0=INTERIM TOTAL RESIDUAL CHLORINE (TRC) LIMIT: Daily max. concentration in final effluent begins effective date of permit. P=FINAL TRC LIMIT: Daily max. concentration in final effluent to be achieved no later than 3 mos. from effect. date of permit. ANNUAL AVG. LIMITS become effective 12 mos. fr. effect. date of perm

Permit & DMR Review - Page 70

124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942,

Facility Name/Location: Barefoot Bay, HWTF
Name: Florida Cities Water Company
Address: Box 21119
Sarasota, Florida 34276-4119
Facility: North End of Dottie Lane
Location: Brevard Co., Barefoot Bay, FL 32971

NATIONAL POLLUTANT DISCHARGE

CHANGE ELIMINATION SYSTEM (NPDES)
MONITORING REPORT (DMR)

FINAL

Form App.
OMB No. 204-0034.
Approval expires 6-30-91

12-10
F1004

CITIZENSHIP

PERMIT NUMBER**DISCHARGE NUMBER****MONITORING PERIOD**

FROM

YEAR: MO:

PAY 50

1 YEAR 10M

RO - DAY

MINOR

NOTE: Read instructions before completing this form.

[illegible]

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: _____

1. CERTIFY UNDER PENALTY OF LAW, THAT I HAVE PERSONALLY EXAMINED
AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED
ON MY KNOWLEDGE OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR
OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION
IS: TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNI-
FICANT PENALTIES FOR FURNISHING FALSE INFORMATION, INCLUDING
IMPRISONMENT AND FINE. (U.S.C. 1001
18 U.S.C. 1519. (Penalties under these statutes may include fines up to \$10,000
or maximum imprisonment of between 6 months and 5 years.)

**SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT**

TELEPHONE

DATE _____

AREA
CORR

NUMBER

[illegible]

MO

DAY

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

Toxicity testing rpts. shall be attached to and submitted with the quarterly discharge monitoring reports
 101U shall be used after 6 valid tests are conducted.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location)
 NAME **1000 Bay WWTP**
 ADDRESS **Florida Cities Water Company**
PO BOX 21119
Sarasota, Florida 34216-4119
 FACILITY **North end of Dottie Lane**
 LOCATION **Brevard Co., Brevard Bay, FL 32976**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) **FINAL**
 DISCHARGE MONITORING REPORT (DMR)
 (12-19)
 FL004
 PERMIT NUMBER
 001
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (2021) (22-23) (24-25) (26-27) (28-29) (30-31)
 MINOR

Form Ap
 OMB No. 2
 Approval expires 6-30-91

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(3 Card Only) QUALITY OR CONCENTRATION (54-62)			NO. EX (63-65)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
NOEL STAIRS DAY CHR CERIODAPHNIA TBP3B 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****		*****	*****	PER-CENT		
NOEL STAIRS DAY CHR PIMEPHALES TBP6C 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****		*****	*****	PER-CENT		
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE
 DATE

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE
 NUMBER

YEAR
 MO
 DA

COMMENT AND EXPLANATION OF ANY VIOLATIONS. (Reference all attachments here)
 Toxicity testing rpts. shall be attached to and submitted with the quarterly discharge monitoring report.
 DOLT shall be used until 6 valid tests are conducted.

FL0042293 Barefoot Bay WWTP
c/o Florida Cities Water Co.
P.O. Box 21119
Sarasota, FL 34276-4119

Facility:
Location: North end of Dottie Lane

Barefoot Bay, FL 32976-

Official:
Paul H Bradtmiller, Sr.V-Pres.

Outfall	Pipe Description	1st DMR Start/mos. 1st DMR Due/mos.	Initial Start	End	Interim Start	End	Final Start	End
001 1	Sanitary wastewater	10/01/91 / 001 01/28/92 / 03	/ /	/ /	/ /	/ /	11/01/91	06/30/95

P: If sample not required this month, report "NODI=9".

Outfall	Limit Type	Parameter/ Monitoring Location	Season/ Mod Dates	Sample Freq/Type	Quantity Units	Average	Maximum	Concentration Units	Minimum	Average	Maximum
001 1	FINAL	00310 1 0 0 BOD, 5-DAY (20 DEG. C) EFFLUENT GROSS VALUE	YYYYYYYYYYYY / / / /	01/07 WEEKLY 08 COMP-8	***** *****	***** *****	***** *****	MG/L 19	20.0 AB	30.0 MK	60.0 DD
001 1	FINAL	00400 1 0 0 PH EFFLUENT GROSS VALUE	YYYYYYYYYYYY / / / /	05/WK 5 TIMES /WEEK GR GRAB	***** *****	***** *****	***** *****	SU 12	6.0 DC	***** *****	8.5 DD
001 1	FINAL	00530 1 0 0 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS VALUE	YYYYYYYYYYYY / / / /	01/07 WEEKLY 08 COMP-8	***** *****	***** *****	***** *****	MG/L 19	20.0 AB	30.0 MK	60.0 DD
001 1	FINAL	50050 1 0 0 FLOW, IN CONDUIT OR THRU TREATMENT PLANT EFFLUENT GROSS VALUE	YYYYYYYYYYYY / / / /	05/WK 5 TIMES /WEEK RP REPRES	***** *****	***** *****	***** *****	MGD 03	REPORT AB	REPORT MK	REPORT DD

FL0042293

Outfall	Limit Type	Parameter/ Monitoring Location	Season/ Mod Dates	Sample Freq/Type	Quantity			Concentration			
					Units	Average	Maximum	Units	Minimum	Average	Maximum
001 1	FINAL	50060 1 0 0 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS VALUE	YYYYYYYYYYY / / / /	01/01 DAILY CR CK REQ	***** *****	***** *****	***** *****	MG/L 19	***** *****	***** *****	0.2 DAILY MX DD
001 1	FINAL	50060 1 0 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS VALUE	YYYYYYYYYYY 02/01/92 06/30/95	01/01 DAILY GR GRAB	***** *****	***** *****	***** *****	MG/L 19	***** *****	***** *****	0.01 DAILY MX DD
001 1	FINAL	74055 1 0 0 COLIFORM, FECAL GENERAL EFFLUENT GROSS VALUE	YYYYYYYYYYY / / / /	01/30 ONCE/ MONTH GR GRAB	***** ***** **	***** *****	***** *****	NUMBER /100ML 13 AB OVERRIDE	200 ANNL AVG AB	***** *****	800 DAILY MX DD
001 1	FINAL	TGP3B P 0 0 P/F STATRE 7DAY CHR CERIODAPENIA SEE COMMENTS BELOW	YYYYYYYYYYY / / / /	02/99 SEE PERMIT 24 COMP24	***** *****	***** *****	***** *****	PASS=0 FAIL=1 9A	***** *****	0 SINGSAMP SA	***** *****
001 1	FINAL	TGP6C P 0 0 P/F STATRE 7DAY CHR PIMEPHALES SEE COMMENTS BELOW	YYYYYYYYYYY / / / /	02/99 SEE PERMIT 24 COMP24	***** *****	***** *****	***** *****	PASS=0 FAIL=1 9A	***** *****	0 SINGSAMP SA	***** *****

DMR SUMMARY
ROBERT BURN

*** FACILITY DATA ***

PERMIT NUMBER: FLO042293
PAGE: 1FACILITY NAME: BAREFOOT BAY WWTP
CITY : BREVARD COUNTY
COUNTY : BREVARD
REGION : 04 SUB-REGION: ORMAJOR/MINOR : MINOR
ACTIVITY STATUS: ACTIVE
PERMIT ISSUED : 09/16/91
PERMIT EXPIRES : 06/30/95
SIC CODE : SEWERAGE SYSTEMS
TYPE OWNERSHIP : PRIVATE
RIVER BASIN : SE/FL EAST COAST
COGN. OFFICIAL : PAUL H BRADTHILLER, SR.V.PRES.

*** OUTFALL DATA ***

OUT- FALL	OUTFALL DESCRIPTION	ACTIVITY STATUS	REPORTS START	REPORT FREQ	TOTAL RPTS	INITIAL START	LIMITS END	INTERIM START	LIMITS END	FINAL START	LIMITS END
0011	SANITARY WASTEWATER	ACTIVE	10/01/91	001 MO	000					11/01/91	06/30/95

OUTFALL TYPE: EFFLUENT
SEASONAL INDS: YYYYYYYYYY

TREATMENT TYPES:

SLUDGE USE OPTION:
CROP CLASS :LAND REUSE OPTION:
CROP TYPE :

PIPE COMMENTS:

P: IF SAMPLE NOT REQUIRED THIS MONTH, REPORT "NODI=9".

*** LIMITS DATA ***

OUT- FALL	LIMIT TYPE	PARAMETER / MONITORING LOCATION	SEASONAL IND. / MOD. NB/DATES	SAMPLE TYPE/FREQ	UNITS	QUANTITY AVERAGE	MAXIMUM	UNITS	CONCENTRATION MINIMUM	AVERAGE	MAXIMUM
0011	FINAL	TGP3B P/F STATRE 7DAY CHR CERIODAPHNIA MON LOC CODE: P SEE COMMENTS BELOW	0 YYYYYYYYYY 0 (MOD NUMBER) 02/99 11/01/91 - 06/30/95	COMP24 02/99 SEE PERMI	NO UNITS NO UNITS	***** *****	***** *****	PASS/FAIL PASS/FAIL	DELMON ***** SINGSAMP		0 DELMON *****
0011	FINAL	TGP6C P/F STATRE 7DAY CHR PINEPHALES PROMELAS MON LOC CODE: P SEE COMMENTS BELOW	0 YYYYYYYYYY 0 (MOD NUMBER) 02/99 11/01/91 - 06/30/95	COMP24 02/99 SEE PERMI	NO UNITS NO UNITS	***** *****	***** *****	PASS/FAIL PASS/FAIL	DELMON ***** SINGSAMP		0 DELMON *****
0011	FINAL	00310 BOD, 5-DAY (20 DEG. C) MON LOC CODE: 1 EFFLUENT GROSS VALUE	0 YYYYYYYYYY 0 (MOD NUMBER) 01/07 11/01/91 - 06/30/95	COMP-8 01/07 WEEKLY	NO UNITS KG/DAY	***** *****	***** *****	MG/L MG/L	20.0 20.0 ANNL AVG	30.0 30.0 MO AVG	60.0 60.0 DAILY MX

DMR SUMMARY
ROBERT BURN

FACILITY NAME: BAREFOOT BAY WWTP

*** LIMITS DATA ***
* CONTINUED *PERMIT NUMBER: FLO042293
PAGE: 2

OUT- FALL	LIMIT TYPE	PARAMETER / MONITORING LOCATION	SEASONAL IND./ MOD. NB/DATES	SAMPLE TYPE/FREQ	QUANTITY			CONCENTRATION			
					UNITS	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM
0011	FINAL	00400 PH	0 YYYYYYYYYY 0 (MOD NUMBER) 11/01/91 - 06/30/95	GRAB 05/WK 5 TIME S/WEEK	NO UNITS NO UNITS	***** *****	***** *****	SU SU	6.0 6.0	DELMON *****	8.5 8.5
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							MINIMUM		MAXIMUM
0011	FINAL	00530 SOLIDS, TOTAL SUSPENDED	0 YYYYYYYYYY 0 (MOD NUMBER) 11/01/91 - 06/30/95	COMP-8 01/07 WEEKLY	NO UNITS KG/DAY	***** *****	***** *****	MG/L MG/L	20.0 20.0	30.0 30.0	60.0 60.0
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							ANNL AVG	MO AVG	DAILY MX
0011	FINAL	50050 FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0 YYYYYYYYYY 0 (MOD NUMBER) 11/01/91 - 06/30/95	REPRES 05/WK 5 TIME S/WEEK	NO UNITS MGD	***** *****	***** *****	MGD MGD	ADDNON *****	ADDNON *****	ADDNON *****
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							ANNL AVG	MO AVG	DAILY MX
0011	FINAL	50060 CHLORINE, TOTAL RESIDUAL	0 YYYYYYYYYY 0 (MOD NUMBER) 11/01/91 - 06/30/95	CK REQ 01/01 DAILY	NO UNITS KG/DAY	***** *****	***** *****	MG/L MG/L	DELMON *****	DELMON *****	0.2 .2
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							ANNL AVG	MO AVG	DAILY MX
0011	FINAL	50060 CHLORINE, TOTAL RESIDUAL	0 YYYYYYYYYY 1 (MOD NUMBER) 02/01/92 - 06/30/95	GRAB 01/01 DAILY	NO UNITS KG/DAY	***** *****	***** *****	MG/L MG/L	DELMON *****	DELMON *****	0.01 .01
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							ANNL AVG	MO AVG	DAILY MX
0011	FINAL	74055 COLIFORM, FECAL GENERAL	0 YYYYYYYYYY 0 (MOD NUMBER) 11/01/91 - 06/30/95	GRAB 01/30 ONCE/ MONTH	NO UNITS #/100ML	***** *****	***** *****	#/100ML #/100ML	200 200.0	DELMON *****	800 800.0
		NON LOC CODE: 1 EFFLUENT GROSS VALUE							ANNL AVG	MO AVG	DAILY MX

FIELD	LENGTH	DESCRIPTION
1	2	STATISTICAL BASE CODE - Code that identifies the unique Statistical Base for any of the five Limit Categories.
2	8	STATISTICAL BASE CODE DESCRIPTION (SHORT) - The Description of the Statistical Base Code.
3	25	STATISTICAL BASE CODE DESCRIPTION (LONG) - The Description of the Statistical Base Code.
4	1	STAT MONTHLY AVERAGE INDICATOR - Indicates that the Statistical Base Code is to be considered a 'Monthly Average'. Contains an 'A' for Monthly Averages. This field will not print as part of the description of a Statistical Base Code. No more than one 'Monthly Average' Statistical Base Code can be entered for Quantity (LQAV or LQMX) or Concentration (LCMN, LCAV, or LCMX).

Table 3-2. Enhanced Statistical Base Code Table (TABLE 120)

3.3 List of Valid Codes

CODE	SHORT DESCRIPTION	LONG DESCRIPTION	MO. AVG
XA	> BKGND	> BACKGROUND	
AA	ALLWLOAD	ALLOWED LOAD	
AB	ANNL AVG	ANNUAL AVERAGE	
AC	ANNL MAX	ANNUAL MAXIMUM	
AD	ANNL TOT	ANNUAL TOTAL	
AE	ARI MEAN	ARITHMETIC MEAN	
AF	AVERAGE	AVERAGE	
AG	AVG BDL	AVERAGE BELOW DETECTABLE	
DA	DA GEOAV	DAILY GEOMETRIC AVERAGE	A
DB	DAILY AV	DAILY AVERAGE	A
DC	DAILY MN	DAILY MINIMUM	
DD	DAILY MX	DAILY MAXIMUM	
DE	DLYAVMIN	DAILY AVERAGE MINIMUM	
DF	DLYMDIAN	DAILY MEDIAN	
DG	DPD AVG	DISCHARGE PER DAY AVERAGE	
DH	DPD GEO	DISCHARGE PER DAY GEOMET.	
DI	DPD MAX	DISCHARGE PER DAY MAXIMUM	
DJ	DPD MIN	DISCHARGE PER DAY MINIMUM	
DK	DPD TOT	DISCHARGE PER DAY TOTAL	

CODE	SHORT DESCRIPTION	LONG DESCRIPTION	MO. AVG
GA	GEO MEAN	GEOMETRIC MEAN	
HA	HI 7D AV	HIGH 7 DAY AVERAGE	
IA	INST MAX	INSTANTANEOUS MAXIMUM	
IB	INST MIN	INSTANTANEOUS MINIMUM	
IC	INSTMNGE	INSTANTANEOUS MIN. GEOM.	
LA	LOG MEAN	LOGARITHMIC MEAN	
MA	MAX BDL	MAXIMUM BDL	
MB	MAXIMUM	MAXIMUM	
MC	MEAN	MEAN	
MD	MEDIAN	MEDIAN	
ME	MINIMUM	MINIMUM	
MF	MN % RMV	MINIMUM PERCENT REMOVAL	
MG	MN WK AV	MINIMUM WEEKLY AVERAGE	
MH	MN 7D AV	MINIMUM 7 DAY AVERAGE	
MI	MN7DGEOA	MINIMUM 7 DAY GEO. AVG.	
MJ	MO AV MN	MONTHLY AVERAGE MINIMUM	
MK	MO AVG	MONTHLY AVERAGE	A
ML	MO GEO	MONTHLY GEOMETRIC	A
MM	MO GEOMN	MONTHLY GEOMETRIC MEAN	A
MN	MO MAX	MONTHLY MAXIMUM	
MO	MO MIN	MONTHLY MINIMUM	
MP	MO TOTAL	MONTHLY TOTAL	A
MQ	MX DA AV	MAXIMUM DAILY AVERAGE	
MR	MX HR RT	MAXIMUM HOURLY RATE	
MS	MX WK AV	MAXIMUM WEEKLY AVERAGE	
MT	MX 7D AV	MAXIMUM 7 DAY AVERAGE	
MU	MX 7D GM	MAXIMUM 7 DAY GEOMETRIC	
MV	MX7DGEOA	MAXIMUM 7 DAY GEO. AVG.	
NA	NONSP AV	NON-SPECIFIC AVERAGE	
NB	NONSP MX	NON-SPECIFIC MAXIMUM	
QA	QRTR AVG	QUARTERLY AVERAGE	
QB	QRTR MAX	QUARTERLY MAXIMUM	
RA	ROLL AVG	ROLLING AVERAGE	

CODE	SHORT DESCRIPTION	LONG DESCRIPTION	MO. AVG
SA	SINGSAMP	SINGLE SAMPLE	
SB	SM2CNSAM	SINGLE MV CONC. SAMPLE	
TA	TOTAMTAP	TOTAL AMOUNT APPLIED	
WA	WKLY AVG	WEEKLY AVERAGE	
WB	WKLY GEO	WEEKLY GEOMETRIC	
WC	WKLY MAX	WEEKLY MAXIMUM	
WD	WKLY MIN	WEEKLY MINIMUM	
YA	YTD TOT	YEAR-TO-DATE TOTAL	
1A	1DA GEO	1 DAY GEOMETRIC	A
1B	10%-60DA	10% OVER 60 DAYS	
1C	12M D AV	12 DAY AVERAGE	
1D	12MO AVG	12 MONTH AVERAGE	
1E	12MTDFWA	12 MONTH DAILY WATER FLOW	
1F	120DA AV	120 DAY AVERAGE	
1G	180DARME	180 DAY ARITHMETIC MEAN	
2A	20%-30DA	20% OVER 30 DAYS	
3A	30DA GM	30 DAY GEOMETRIC MEAN	
3B	30DA ARI	30 DAY ARITHMETIC	A
3C	30DA AVG	30 DAY AVERAGE	A
3D	30DA GEO	30 DAY GEOMETRIC	A
3E	30DA MAX	30 DAY MAXIMUM	
3F	30DAARME	30 DAY ARITHMETIC MEAN	
3H	30DAVGEO	30 DAY AVERAGE GEOMETRIC	
4A	4 DA AVG	4 DAY AVERAGE	
4B	4 DA MAX	4 DAY MAXIMUM	
4C	48HR MX	48 HOUR MAXIMUM	
5A	50TH %	50TH PERCENTILE	
6A	6 MO MED	6 MONTH MEDIAN	
6B	6HR MEAN	6 HOUR MEAN	
6C	6HRGMEAN	6 HOUR GEOMETRIC MEAN	
7A	7 DA AVG	7 DAY AVERAGE	
7B	7 DA GEO	7 DAY GEOMETRIC	
7C	7 DA MED	7 DAY MEDIAN	

CODE	SHORT DESCRIPTION	LONG DESCRIPTION	MO. AVG
7D	7 DA MIN	7 DAY MINIMUM	
7E	7 DA MAX	7 DAY MAXIMUM	
7F	7DA ARI	7 DAY ARITHMETIC	
7G	7DA ARME	7 DAY ARITHMETIC MEAN	
7H	75TH %	75TH PERCENTILE	
8A	80TH %	80TH PERCENTILE	
9A	90TH %	90TH PERCENTILE	
9B	90DA AVG	90 DAY AVERAGE	
9C	90DA 90%	90 DAY, 90 PERCENT	
9D	96 HOUR	96 HOUR	

Table 3-3. REVISED codes for the Statistical Base Code Enhancement.

3.4 Standard Abbreviations

The maximum description allowed is 8 characters. Whenever possible, the longest abbreviation that will fix is used.

ABBREVIATION	DESCRIPTION
ANNL	Annual
AR	Arithmetic
AV	Average
AVERAGE	Average
AVG	Average
BKGND	Background
DA	Daily
DAILY	Daily
GEO	Geometric
GM	Geometric Mean
HR	Hour
INST	Instantaneous
MAX	Maximum
MAXIMUM	Maximum
ME	Mean
MEAN	Mean

ABBREVIATION	DESCRIPTION
MEDIAN	Median
MIN	Minimum
MINIMUM	Minimum
MN	Minimum
MO	Monthly
MX	Maximum
QRTR	Quarterly
RT	Rate
TOT	Total
WK	Week
WKLY	Weekly
YTD	Year-to-date
7D	7 Day

Table 3-4. Standard Abbreviations used for the Enhanced Codes.

3.5 Statistical Base Code Conversion

When the enhancement is implemented, the existing code in the Statistical Base Code (STAT) field will be converted to the corresponding value in the five new Statistical Base Code fields. The Concentration Minimum Override (LCMO) will be generated based on the 'Y' in the 7th field in the STAT field description. Monthly Average will be considered as well and a corresponding code will be selected. The conversion table for the Statistical Base Code enhancement will be released at a later date.

PCS Unit Codes

UC/LCUC	DESCRIPTION		

		NO UNITS	(NO UNITS CODED)
00	BARREL/MONTH	BARREL/MN	BARRELS PER MONTH
01	KG/ DAY	KG/DAY	KILOGRAMS PER DAY
02	KG/ 1000GA	KG/1000GA	KILOGRAMS PER 1000 GALLONS
03	MGD	MGD	MILLION GALLONS PER DAY
04	DEG.C	DEG.C	DEGREES CENTIGRADE
05	MBTU/ HR	MBTU/HR	MILLION BTU'S PER HOUR
06	MBTU/ DAY	MBTU/DAY	MILLION BTU'S PER DAY
07	GPD	GPD	GALLONS PER DAY
08	CFS	CFS	CUBIC FEET PER SECOND
09	JTU	JTU	JACKSON TURBIDITY(CANDLE) UNI
1A	DEGREEFROM N	DEG FRM N	DIRECTION, DEGREES FROM NORTH
1R	CENTI-POISES	CP	CENTIPOISES
1C	NUMBER/ML	NUMBER/ML	NUMBER PER MILLILITER
1D	CENTI-METERS	CM	CENTIMETERS
1E	ADMI UNITS	ADMI UNIT	COLOR - ADMI UNITS
1F	UMHOS	UMHOS	MICROMHOS
1G	BTU	BTU	BRITISH THERMAL UNITS
1H	10 LBS/YEAR	10 LBS/YR	10 POUNDS PER YEAR
1I	LBS/ SEASON	LB/SEASON	POUNDS PER SEASON
1J	INCHES/DIA	INCH/DIA	INCHES PER DIAMETER
1K	FIBERS/L	FIBERS/L	FIBERS PER LITER
1L	UG/KG	UG/KG	MICROGRAMS PER KILOGRAM
1M	# DAYS	# OF DAYS	# OF DAYS
	BARREL	BARRELS	BARRELS
	FIBERS/ML	FIBERS/ML	FIBERS/MILLILITER
1Q	TIME (HHMM)	TIME,HHMM	TIME (HHMM)
1R	LBS / 1000GL	LBS/1000G	POUNDS / 1000 GALLONS
1S	CYCLES	CYCLES	CYCLES
1T	BARREL/ DAY	BARREL/DY	BARRELS PER DAY
1U	RATIO	RATIO	RATIO
1V	BTU'S /SECND	BTU/SECND	BTU'S PER SECOND
1W	KG/ MONTH	KG/MONTH	KILOGRAMS PER MONTH
1X	GALLON/HOUR	GALLON/HR	GALLONS PER HOUR
1Y	LBS/ 100LBS	LBS/100LB	POUNDS PER 100 POUNDS
1Z	PCI/ML	PCI/ML	PICOCURIES PER MILLILITER
10	PT-CO	PT-CO	COLOR - PLATINUM COBALT UNIT
11	UMHO/ CM	UMHO/CM	CONDUCTANCE-MICROMHO'S PER CM
12	SU	SU	STANDARD UNITS (I.E. PH)
13	#/ 100ML	#/100ML	NUMBER PER 100 MILLILITERS
14	MIN-UTES	MINUTES	MINUTES
15	DEG.F	DEG.F	DEGREES FAHRENHEIT
16	M3/ DAY	M3/DAY	CUBIC METERS PER DAY
17	PCI/L	PCI/L	PICOCURIES PER LITER
18	CNT/L	CNT/L	COUNTS PER LITER
19	MG/L	MG/L	MILLIGRAMS PER LITER
2A	MGAL/ YR	MGAL/YR	MILLION GALLONS PER YEAR
2B	INCH/ HR	INCH/HR	INCHES PER HOUR
2C	KG/ 1000KG	KG/1000KG	KILOGRAMS PER 1000 KILOGRAMS
2D	INCHES/DAY	INCH/DAY	INCHES PER DAY
	MOSM/ KG	MOSM/KG	MILLIOSMOLS PER KILOGRAM
	ACUTE TOXCTY	ACUTE TOX	ACUTE TOXICITY

180 UNIT CODES		DESCRIPTION	
QUC/LCUC			
1G	CHRONCTOXYCTY	CHR TOXIC	CHRONIC TOXICITY
2H	CURIES/DAY	CURIES/DA	CURIES PER DAY
2I	% MOR-TALITY	% MORTLTY	PERCENT MORTALITY
2J	KG/HR	KG/HR	KILOGRAMS PER HOUR
2K	LBS/ MINUTE	LBS/MIN	POUNDS PER MINUTE
2L	1000 GAL/DY	1000GL/DY	1000 GALLONS PER DAY
2M	% SMPLCMPLNT	%SMPCMPLN	PERCENT SAMPLES IN COMPLIANCE
2N	TONS/ DAY	TONS/DAY	TONS PER DAY
2P	LB/ML GL/DAY	LB/MLG/DY	POUNDS PER MLN GALLONS PER DA
2Q	MG/DAY	MG/DAY	MILLIGRAMS PER DAY
2R	LBS/HR	LBS/HOUR	POUNDS PER HOUR
2S	PPQ	PPQ	PARTS PER QUADRILLION
2T	% SUR-VIVAL	% SURVIVL	PERCENT SURVIVAL
2U	UG/DAY	UG/DAY	MICROGRAMS PER DAY
2V	MEQ/100 G SL	MEQ/100 G	MILLIEQUIVALANTS/100 GRAM SOI
2W	M3/HR	M3/HOUR	CUBIC METERS PER HOUR
2X	M3/ MINUTE	M3/MINUTE	CUBIC METERS PER MINUTE
2Y	M3/ SECOND	M3/SECOND	CUBIC METERS PER SECOND
2Z	M3/ WEEK	M3/WEEK	CUBIC METERS PER WEEK
20	PPM	PPM	PARTS PER MILLION
21	PPB	PPB	PARTS PER BILLION
22	PPT	PPT	PARTS PER TRILLION
23	PER- CENT	PERCENT	PERCENT
24	VSL	VSL	VISUAL
25	ML/L	ML/L	MILLILITERS PER LITER
26	LBS/DY	LBS/DAY	POUNDS PER DAY
27	FEET	FEET	FEET
28	UG/L	UG/L	MICROGRAMS PER LITER
29	PSI	PSI	POUNDS PER SQUARE INCH
3A	CUBIC YARDS	CU YARDS	CUBIC YARDS
3B	FTU	FTU	FORMAZIN TUR
3C	BTU/ MINUTE	BTU/MINUT	BTU'S PER MINUTE
3D	PCG/L	PCG/L	PICOGRAMS PER LITER
3E	M3/ MONTH	M3/MONTH	CUBIC METERS PER MONTH
3F	M3/ YEAR	M3/YEAR	CUBIC METERS PER YEAR
3G	0.001 LB/DAY	0.001LB/D	THOUSANDTHS POUNDS PER DAY
3H	GM/SQ /DAY	GM/SQ/DAY	GRAMS PER SQUARE METER PER DA
3I	LBS/ 1000LB	LB/1000LB	POUNDS PER 1000 POUNDS PRODC
3J	1000LB/LBS	1000LB/LB	1000 POUNDS PER POUNDS PRODC
3K	KG/HA	KG/HECTAR	KILOGRAMS PER HECTARE
3L	PG/L	PG/L	PICOGRAMS PER LITER
3M	NG/L	NG/L	NANOGRAMS PER LITER
3N	CU FT/DRYDCK	FT3/DRYDK	CU FT PER RAISE/LOWER DRY DQC
3P	LBS/ ACRE	LBS/ACRE	POUNDS PER ACRE
30	MPN/ 100ML	MPN/100ML	MOST PROBABLE NUMBER PER 100M
31	THRESHNUMBER	THRESHNUM	THRESHOLD NUMBER
32	PPTH	PPTH	PARTS PER THOUSAND
33	BTU/ HOUR	BTU/HR	BTU'S PER HOUR
34	BTU/ DAY	BTU/DAY	BTU'S PER DAY
35	GR/ DAY	GR/DAY	GRAMS PER DAY
	GR/L	GRAMS/L	GRAMS PER LITER
	KG/L	KG/L	KILOGRAMS PER LITER

180 UNIT CODES		DESCRIPTION	
QUC/LCUC			
38	MPS	MPS	METERS PER SECOND
39	FPS	FPS	FEET PER SECOND
40	TPD	TPD	SHORT TONS PER DAY
41	MTPD	MTPD	METRIC TONS PER DAY
42	LBS/ TONP	LBS/TONP	POUNDS PER TON OF PRODUCTION
43	NTU	NTU	NEPHELOMETRIC TURBIDITY UNITS
44	KG/ MTPROD	KG/MTPROD	KILOGRAMS PER METRIC TON PROD
45	LBS/ 1/2TPR	LBS/1/2TP	POUNDS PER HALF-TON OF PROD
46	METERS	METERS	METERS
47	KG/ CFSSF	KG/CFSSF	KG PER CFS OF STREAMFLOW/DAY
48	MGD/ CFSSF	MGD/CFSSF	MGD PER CFS OF STREAMFLOW/DAY
49	LBS/ CFSSF	LBS/CFSSF	LBS PER CFS OF STREAMFLOW/DAY
5A	DAY	DAY	DAY
5B	MIN/ DAY	MIN/DAY	MINUTES PER DAY
5C	MGAL/ BATCH	MGAL/BTCH	MILLION GALLONS PER BATCH
5D	TONS	TONS	TONS
5E	BBTU/DAY	BBTU/DAY	BILLION BTUS PER DAY
5F	TONS/ YEAR	TONS/YEAR	TONS PER YEAR
5G	MILLI-VOLTS	MILLIVOLT	MILLIVOLTS
50	LB/YR	LB/YR	POUNDS PER YEAR
51	KG/YR	KG/YR	KILOGRAMS PER YEAR
52	KG/ BATCH	KG/BATCH	KILOGRAMS PER BATCH
53	GPB	GPB	GALLONS PER BATCH
54	MEGA- WATTS	MEGAWATTS	MEGAWATTS
5	POUNDS	POUNDS	POUNDS
	KG	KG	KILOGRAMS
57	GAL	GAL	GALLONS
58	1000 CF	1000CF	1000 CUBIC FEET
59	LBS/ WEEK	LBS/WEEK	POUNDS PER WEEK
6A	LB/TLW	LB/TLW	POUNDS PER TON LIVE WEIGHT
6B	#/40 LITERS	#/40 L	NUMBER PER 40 LITERS
60	LITERS	LITERS	LITERS
61	INCHES	INCHES	INCHES
62	DEG C /HR	DEG C/HR	DEGREES CENTIGRADE PER HOUR
63	PSI/FT	PSI/FT	POUNDS PER SQUARE INCH PER FT
64	G/ML	GRAMS/ML	GRAMS PER MILLILETER
65	C/ML	C/ML	CURIES PER MILLILITER
66	LB/ BATCH	LB/BATCH	POUNDS PER BATCH
67	G/ML	G/ML	GRAMS PER MILLILITER
68	PCI/MG	PCI/MG	PICOCURIES PER MILLIGRAM
69	MG/KG	MG/KG	MILLIGRAMS PER KILOGRAM
70	DRY- TONS	DRY TONS	DRY TONS
71	MLBS/ YR	MLBS/YR	MILLION POUNDS PER YEAR
72	MG/SQ-METER	MG/SQ MET	MILLIGRAMS PER SQUARE METER
73	TOXIC UNITS	TOX UNITS	TOXICITY UNITS
74	SEVEREUNITS	SEV UNITS	SEVERITY UNITS
75	UC/ML	UC/ML	MICROCURIES PER MILLILITER
76	LB/MON	LBS/MONTH	POUNDS PER MONTH
77	MG/ CUBMSF	MG/CUBMSF	MG/DAY PER CU METER-STREAMFLO
78	GPM	GPM	GALLONS PER MINUTE
	HOURS/DAY	HOURS/DAY	HOURS PER DAY
	HOURS	HOURS	HOURS

180 UNIT CODES		DESCRIPTION	
LQUC/LCUC			
	GAL/ ACR	GAL/ACR	GALLONS PER ACRE
C	GAL/ TLW	GAL/TLW	GALLONS PER TON LIVE WEIGHT
8D	GAL/MO	GAL/MONTH	GALLONS PER MONTH
8E	GAL/YR	GAL/YEAR	GALLONS PER YEAR
8F	MGAL/ YEAR	MGAL/YEAR	MILLION GALLONS PER YEAR
8G	GAL/ WEEK	GAL/WEEK	GALLONS PER WEEK
80	MGAL/ MONTH	MGAL/MON	MILLION GALLONS PER MONTH
81	HOURS/WEEK	HRS/WEEK	HOURS PER WEEK
82	HOURS/MONTH	HRS/MONTH	HOURS PER MONTH
83	DAYS/ WEEK	DAYS/WEEK	DAYS PER WEEK
84	DAYS/ MONTH	DAYS/MON	DAYS PER MONTH
85	FT3/ DAY	FT3/DAY	CUBIC FEET PER DAY
86	SVI	SVI	SLUDGE VOLUME INDEX
87	LBS/ CUBFPW	LB/CUBFPW	LBS PER CU FT PROCESSED WASTE
88	OCCUR/DAY	OCCUR/DAY	OCCURRENCES PER DAY
89	OCCUR/WEEK	OCC/WEEK	OCCURRENCES PER WEEK
9A	PASS=0FAIL=1	PASS/FAIL	PASS=0, FAIL=1
90	LBS/ 1000GA	LB/1000GA	POUNDS PER 1000 GALLONS
91	INCH/ WEEK	INCH/WEEK	INCHES PER WEEK
92	SQ FT	SQUARE FT	SQUARE FEET
93	OCCUR/MONTH	OCC/MONTH	OCCURRENCES PER MONTH
94	YES=1 NO=0	YES=1NO=0	PRESENCE OF COND: YES=1; NO=0
95	10/ML	10/ML	10 PER MILLILITER
96	LBS/ BARREL	LB/BARREL	POUNDS PER BARREL
97	ACRES	ACRES	ACRES
	DEG F/HOUR	DEG F/HR	DEGREES FARENHEIT PER HOUR
	BARREL/HOUR	BARREL/HR	BARRELS PER HOUR

PCS Frequency of Analysis Codes

FRAN	DESCRIPTION	
N/A	NOT APPLIC	N
N/R	NOT REPORTD	Y
N/V	NOT VALID	N
CL/OC	CHLRNTN/OCCURS	N
DL/DS	DLY WHNDISCHRG	Y
WH/DS	WHEN DISCHRG	Y
WH/MN	MEASRD WHN MON	N
01/BA	ONCE/ BATCH	N
01/DD	ONCE/ DSCHDY	N
01/DM	ONCE/ DSCHMN	N
01/DS	ONCE/ DISCHG	N
01/DW	ONCE/ DSCHWK	N
01/RN	ONCE / RN EVNT	N
01/SH	ONCE/ SHIFT	N
01/YR	ANNUAL	Y
01/01	DAILY	Y
01/02	ONCE/ 2 DAYS	Y
01/03	ONCE/ 3 DAYS	Y
01/04	ONCE/ 4 DAYS	Y
01/05	ONCE/ 5 DAYS	Y
01/06	ONCE/ 6 DAYS	Y
01/07	WEEKLY	Y
01/08	ONCE/ 8 DAYS	Y
01/09	ONCE/ 9 DAYS	Y
/10	ONCE/ 10 DAYS	Y
/11	ONCE/ 11 DAYS	Y
/12	ONCE/ 12 DAYS	N
01/13	ONCE/ 13 DAYS	Y
01/14	ONCE/ 2WEEKS	Y
01/21	ONCE / 3 WEEKS	N
01/28	ONCE/ 4WEEKS	Y
01/30	ONCE/ MONTH	Y
01/60	ONCE/ 2MONTH	Y
01/90	QTRLY	Y
01/99	INSTNT	N
02/BA	TWICE /BATCH	N
02/DS	TWICE/ DISCH	N
02/SH	TWICE/ SHIFT	N
02/YR	SEMI- ANNUAL	Y
02/01	TWICE/ DAY	Y
02/07	TWICE/ WEEK	Y
02/12	TWICE/ 12 DAYS	N
02/30	TWICE/ MONTH	Y
02/90	TWICE QTRLY	Y
02/99	SEE PERMIT	N
03/BA	THREE/ BATCH	N
03/DS	THREE/ DISCHG	N
03/YR	THREE/ YEAR	Y
03/01	THREE/ DAY	Y
03/05	THREE/ 5 DAYS	Y
07	THREE/ WEEK	Y
08	THREE/ 8 DAYS	Y

PCS Frequency of Analysis Codes (continued)

FRAN	DESCRIPTION	
5/30	THREE/ MONTH	Y
3/99	SEE PERMIT	N
04/BA	FOUR/ BATCH	N
04/01	FOUR/ DAY	Y
04/07	FOUR/ WEEK	Y
04/30	FOUR/ MONTH	Y
04/99	SEE PERMIT	N
05/BA	FIVE/ BATCH	N
05/WK	5 TIMES/WEEK	Y
05/01	5 TIMES/DAY	Y
05/07	WEEK- DAYS	Y
05/08	FIVE/ 8 DAYS	Y
05/30	5 TIMES/MONTH	N
05/90	FIVE/ QRTLY	Y
05/99	SEE PERMIT	N
06/SH	SIX/OPRS SHIFT	N
06/01	SIX/ DAY	Y
06/07	SIX/ WEEK	Y
06/30	6 TIMES/MONTH	N
06/99	SEE PERMIT	N
07/30	7 TIMES/MONTH	N
07/99	SEE PERMIT	N
08/BA	EIGHT/ BATCH	N
08/01	EIGHT/ DAY	Y
08/30	EIGHT/ MONTH	Y
'99	SEE PERMIT	N
/01	NINE/ DAY	Y
09/30	NINE/ MONTH	Y
09/99	SEE PERMIT	N
10/30	TEN/ MONTH	Y
10/99	SEE PERMIT	N
12/01	TWELVE/DAY	Y
12/30	12 PER MONTH	Y
15/30	FIFTEEN MONTH	Y
16/01	SIXTEENDAY	Y
18/30	EIGHTEEN MONTH	Y
24/01	HOURLY	Y
48/01	EVERY 1/2 HR	Y
66/66	WPC PLAN	N
77/77	CONTIN GENT	N
88/88	CLEAN ING	N
99/99	CONTIN UOUS	N

PCS Monitoring Location Codes

W OC	DESCRIPTION
	SLUDGE
	INCREASE (NOT END OF PIPE)
A	DISINFECT, PRCS CMPLT
B	PRIOR TO DISINFECT
C	NITROGEN, REMOVAL CMP
D	ADV/TERT PRCS CMPLT
E	SEC/BIOL PRCS CMPLT
F	PRI/PRLM PRCS CMPLT
G	RAW SEW/INFLUENT
H	DURING MANUFACTURING
I	INTAKE FROM WELL
J	INTMD TRT, PRCS CMPLT
K	PERCENTREMOVAL
L	DIGESTOR
M	UP- AND DOWN- STREAM
N	IN AERATION UNIT
O	SEE COMMENTS BELOW
P	SEE COMMENTS BELOW
Q	SEE COMMENTS BELOW
R	SEE COMMENTS BELOW
S	SEE COMMENTS BELOW
T	SEE COMMENTS BELOW
U	SEE COMMENTS BELOW
V	SEE COMMENTS BELOW
	SEE COMMENTS BELOW
	END-CHLORINE CONTACT CHNBR
.	ANNUAL AVERAGE
Z	INSTREAM MONITORING
0	INTAKE
1	EFFLUENT GROSS VALUE
2	EFFLUENT NET VALUE
3	INTAKE PUBLIC WATER
4	PRETREAT, PRCS CMPLT
5	UPSTREAM MONITORING
6	DOWNSTREAM MONITOR
7	INTAKE FROM STREAM
8	OTHER TRT, PRCS CMPLT
9	PHOS RMVL, PRCS CMPLT

PCS Sample Types

SAMP	DESCRIPTION
	CALCTD
	CONTIN
CP	COMPOS
CR	CK REQ
CS	CORSAM
CU	CURVE
DA	DAILAV
DS	DISCRT
ES	ESTIMA
FI	FLOIND
GH	5GR24H
GM	GRAB10
GR	GRAB
G2	GRAB-2
G3	GRAB-3
G4	GRAB-4
G5	GRAB-5
G6	GRAB-6
G7	GRAB-7
G8	GRAB-8
G9	GRAB-9
IM	IMERSN
IN	INSTAN
IS	INSITU
IT	IMRSTB
	MATHCL
	MATHCP
MS	MEASRD
NA	NOT AP
NR	NOTRPT
OC	OCCURS
PC	PMPCRVR
PL	PMPLOG
RC	RCORDR
RD	RNG-DA
RF	RCDFLO
RG	RANG-C
RP	REPRES
RT	RCOTOT
R4	RNG-4A
SR	SGLRDG
TI	TIMEMT
TM	TOTALZ
VI	VISUAL
01	COMP-1
02	COMP-2
03	COMP-3
04	COMP-4
05	COMP-5
06	COMP-6
08	COMP-8
	AVG-1H

PCS Sample Types (continued)

SAMP	DESCRIPTION
	COMP10
	COMP12
16	COMP16
2H	AVG-2H
20	COMP20
22	BATCH
24	COMP24
28	COMP28
3G	3GR/HR
4H	AVG-4H
5G	5GR45M
72	COMP72
96	COMP96

**Personal Tracking System
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PERSONAL TRACKING SYSTEM

As an Enforcement Officer, it is your job to know all the requirements of all the permits, Administrative Orders, Consent Decrees and other actions under your area of responsibility. In addition, you are expected to remember all the correspondence sent and received, all the telephone conversations and meetings that have take place or are scheduled to take place. This is a monstrous task. To help "keep track" of or "keep tabs" on all this information, we all need to develop a Personal Tracking System. What we offer on the following pages are suggestions on the development of and some components that need to become a part of your Personal Tracking System.

There are a lot of different kinds of information or "things" that need tracking. These include correspondence, enforcement documents, permit information, inspections, or even documents within EPA's routing system. There are just as many methods for tracking as there is information needing to be tracked. Some examples of a tracking system are a notebook, PCS, personal computer system, tickler file, index cards, calendars, and logbooks. No one method works right for everyone. Probably the best method is a combination of two or more. The key is finding what works best for you.

WHAT TO TRACK?

PERMITS

Before we can track it, we need to know what information needs to be tracked. Let's start at the beginning, with the issuance of an NPDES permit. Permits can contains a great many different kinds of information, such as effluent limitations, WET requirements, construction schedules, sludge reporting requirements, pretreatment reporting, and DMR submission. All this information becomes the Enforcement Officer's responsibility. As a general rule, this information will be contained in PCS. However, that is not always true, so you will need to be aware of what's in each permit.

Part I.A. of the permit contains the effluent limitations for all permitted parameters, including toxicity. While PCS will be checking the DMRs for all but the general permits, you still need to be aware of the requirements and have the information easily available for telephone calls or other inquiries.

Sludge Management Practices can be found in Part I.B. of the permit. This Section explains the reporting requirements, reopener clause, etc. Annual reports on sludge analysis of the 125 priority pollutants is required within one year of permit issuance and annually thereafter. An additional sludge production volume and disposal practice report must be submitted within 30 days of issuance.

Part I.C. contains the Schedule of Compliance. Schedules could include construction at the wastewater treatment plant, meet final effluent limitations date, submission of progress reports, etc. Probably the most common these days is the requirement to meet Total Residual Chlorine.

Other Requirements are contained in Part III. Submission of DMRs is contained in Part III.A. For large facilities this is usually on a monthly basis; however, minor facilities generally require quarterly submission. Pretreatment Requirements are contained in Part III.C. This Section contains program requirements as well as reporting requirements. Reports describing the pretreatment activities for the previous 12 months are due annually. A couple of months before the due date, EPA needs to send a package of information that includes a report outline and draft sewer use ordinance.

Part IV contains WET Testing Program requirements. This Section details the WET test to be performed, how often, which species are to be tested, additional testing requirements, and when tests are to begin. Tracking of WET tests is one of the most difficult due to the fact that the components in each permit can be different and the lag time between sampling and actual data reporting.

GENERAL PERMITS

General Permits (those FLG facilities) are not the easy animals one would think they are. The General Permit requirements can be found in Part IV, Final NPDES General Permit for Petroleum Fuel Contaminated Ground/Storm Waters in the State of Florida, of the Federal Register dated July 17, 1989. A copy of the General Permit is included as Attachment B.

Part I.A. contains the effluent limitations for both automotive gasoline and jet fuel. Part I.B., Other Requirements contains one-time required analyses and additional pH monitoring information. Part II.A., General Conditions, contains information regarding penalties for permit violations. Part II.D.8. contains requirements for 24-hour reporting of noncompliances. Part II.G.6. covers termination of the discharge notification requirements. Part III.A. deals with DMR submission (submits on a quarterly basis). The Biomonitoring Program is found in Part V of the permit.

While you should be aware of all of the requirements, pay special attention to the limitation requirements, DMR submission, and Toxicity Testing requirements. Although these are general permits, they do have to do a fair amount of testing and all must perform toxicity testing each year.

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CORRESPONDENCE

Now that we have any idea of what is required by the permit, actions on noncompliances are needed. Of course, all enforcement actions will be in accordance with the EMS.

First line actions may take the form of telephone calls, Letters of Noncompliance, or Notices of Violation. Usually, we are asking the permittee to make a response concerning their noncompliances or nonsubmittal of information. These permittee responses need to be tracked--not forgotten. Oftentimes, because these are not "major" enforcement actions, we tend to "forget" about them until another violation occurs or another DMR quarter rolls around.

Sometimes we send letters requesting information such as No Discharge Certifications, changes of address, or a myriad of other things. These too need our attention.

Section 308 letters are very useful tools. We use these letters a lot to ask for information on unpermitted discharges, for corporate/financial information, or details regarding spills or bypasses, etc. Since the information is so important to future actions, we need to remember that responses are due. Facilities do tend to forget about the federal EPA and deal with the State Agency.

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We also hold a great many show cause meetings during the year. Results of these meetings often require the permittee to submit additional information regarding their facility. Since receipt of the information can either preclude or direct future enforcement, we need to ensure that the information is received.

Basically, if we request information, let's not just put the request at the back of our minds. We need to be aware of the deadlines we impose and ensure that the permittees respond accordingly. If we don't, we only hurt our own credibility. If it's important enough to ask for, it deserves our own attention and priority. Remember, PCS does not track correspondence responses.

ENFORCEMENT ACTIONS

When violations of the permit are noted and the EMS procedures followed, oftentimes we end up with enforcement actions. These actions can include anything from NOVs, which were mentioned under Correspondence, to civil or criminal referrals. The most common enforcement actions are Administrative Orders (AOs), Penalty Complaints and Orders (APOs) and Consent Decrees (CDs) resulting from civil referrals.

AOs and CDs generally contain schedules for construction or remediation of permit violations. These schedules need to be "tracked". It is very important that the

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schedules are closely monitored. Violations of AOs could escalate into civil actions. Violations of CDs can result in re-referral actions. Of course, compliance with these schedules is the goal. APOs may also contain schedules for implementation of Supplemental Environmental Projects (SEPs). Failure to comply with an SEP will result in higher penalties from the permittee.

In addition to remediation, CDs and APOs also contain fine payment schedules. The Enforcement Officer needs to "keep up" with CD payments, both up-front and stipulated penalties, as re-referral could result from nonpayment. APO payments are usually "tracked" by finance and ORC. However, we do maintain an enforcement action system of which penalty payment is a part.

Schedules are entered into PCS. However, the information is only as good as we make it.

INSPECTIONS

A part of ensuring compliance is through the use of inspections. There are as many different types of inspections, such as Pretreatment Audit, CEI, Toxicity Audit, etc. There are almost a many different inspectors, including our office, ESD, the State, and in some cases the local authority.

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Part of the Enforcement Officer's responsibility is the performance of Pretreatment and Compliance Evaluation Inspections. As each major facility, as well as many minors, must be inspected each year, each Enforcement Officer needs to develop an Inspection Plan. To aid in its development, a system to distinguish when inspections were last performed and by who is necessary. As well as a "track" through the year.

In addition, when inspections are performed, an NOV or other enforcement action can result. These actions may not be as a result of only your inspection but from your review of ESD or the State's inspections. Response to these inspections should be monitored as future enforcement could result.

THE TRACKING SYSTEM

There are a lot of different ways to track information or "keep up" with your facilities. What is offered here are merely suggestions. You have to decide what is the right method for you. After all, that's why it is a **Personal Tracking System**.

NOTEBOOK

HAND-ANNOTATED

Attachment D contains three examples of notebook sheets used in a tracking system. A great deal of facility level information is contained--permit number, facility name, receiving water, contact name, address. In addition, there is a place to "keep up" with schedule information--be it permit, AO or CD. There is also a place to note effluent limit information. What it does not do is provide a separate place for pretreatment or WET information. What you can do is cross out Compliance Status and write in whatever schedule is applicable or use a separate sheet for each new item.

These forms were designed before PCS began checking DMRs for us. However, violations should still be noted and actions/responses tracked. That way, you always know what's going on.

Once the facility level and permit information is entered, this sheet becomes a logbook. When a phone conversation occurs or an NOV goes out, simply note the information. That way you have a record that can be easily referred to. When the permittee receives his NOV and calls, you can open to that permittee's page and discuss the violations, etc. without having to find the file or the filing.

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The log or notebook can also be used as a mind tickler. Simply flip through the pages, noting schedule and response dates due and proceed with your enforcement.

PERMIT COMPLIANCE SYSTEM

PCS can be used to "track" schedule dates in AOs, CDs and permits. (For an example see Attachment E.) To use PCS effectively, a printout of schedules should be obtained at least once a month. The schedule information is entered by the PCS/GA/FL Unit or the Contractor. This printout will allow you the opportunity to see which dates have been met, what dates are past due and what is upcoming. After reviewing this printout, the appropriate actions can then be taken. Don't forget to annotate the printout and have the dates coded into PCS.

TICKLER FILE

Tickler files are a simple way of tracking correspondence. The folder can be obtained from the Supply Room. Take a copy of outgoing correspondence and put it in the file under the due date. Check the file every few days to see what responses are due.

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INDEX CARDS

Another simple way to "keep up" with correspondence is by using 3x5 index cards. Each time you send an NOV or anything that requires a response, set up a card with the facility name/permit number and the due date of the response. Index cards are also an easy way to "track" AO, CD and permit schedule items. Set up a separate card for each facility. Write the schedule down on the card. Put the cards in numeric order by due date. Mark off each item as it is submitted and refile. Check the cards every few days for due dates.

CALENDAR

Using the calendar is a good way to "keep track" of correspondence. Write the name of the facility on the calendar under the due date. You can even utilize the calendar on the computer.

LOGBOOK

Often we have to know where our work is within this building. There can be so many levels of review, sometimes our work "gets lost". To help alleviate this problem, you can keep a logbook. Note the day you write, sign-off, and forward your document. It certainly helps to know if an AO or APO is in ORC or the front office.

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The key to tracking schedules, correspondence, etc. is organization. Pick the method that is the easiest and most sensible for you, even it is just a piece of notebook paper! It isn't enough just to set the system up, you have to use it and keep the system updated.

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WHAT TO TRACK?

PERMITS

- Effluent Limits
- Sludge Management Practices
- Compliance Schedules
- Pretreatment
- Whole Effluent Toxicity (WET)
- DMR Submission

CORRESPONDENCE

- NOVs, LONs
- Section 308 Letters
- Telephone Requests
- Show Cause Responses

ENFORCEMENT ACTIONS

- AOs, CDs, APO-SEPs

PAYMENT SCHEDULES

- CDs, APOs

INSPECTIONS

- Commitments
- Responses

WHAT TO TRACK? PERMITS

- EFFLUENT LIMITS
- WHOLE EFFLUENT TOXICITY
- CONSTRUCTION SCHEDULES
- DMR SUBMISSION
- SLUDGE REQUIREMENTS
- PRETREATMENT

**WHAT TO TRACK?
PERMIT REQUIREMENTS**

EFFLUENT LIMITATIONS

PART I-EFFLUENT REQUIREMEN

**EFFLUENT PARAMETERS
BOD, TSS, WET, ETC.**

CONTINUATION SHEET

EXPLANATIONS

**WHAT TO TRACK?
PERMIT REQUIREMENTS**

SLUDGE MANAGEMENT PRACTICE

**ANNUAL SLUDGE ANALYSIS
REPORT**

**SLUDGE PRODUCTION
VOLUME REPORT**

WHAT TO TRACK?

PERMIT REQUIREMENTS

SCHEDULE OF COMPLIANCE

- **CONSTRUCTION DATES**

BEGIN CONSTRUCTION
COMPLETE CONSTRUCTION

- **PROGRESS REPORT**
- **MEET FINAL LIMITS**

TRC

WHAT TO TRACK?

PERMIT REQUIREMENTS

OTHER REQUIREMENTS

PART III

- III.A. DMR SUBMISSION**
- III.B. REOPENER CLAUSE**
- III.C. PRETREATMENT**

WHAT TO TRACK?

PERMIT REQUIREMENTS

PRETREATMENT

- ✓ **ANNUAL REPORTS**
- ✓ **PROGRAM REQUIREMENTS**

WHAT TO TRACK?

PERMIT REQUIREMENTS

WHOLE EFFLUENT TOXICITY (WET) PART IV. OF PERMIT

- **WHEN TESTING BEGINS**
- **HOW OFTEN TESTING REQUIRED**
- **WHEN TESTS ARE SUBMITTED**
- **TYPE OF TEST PERFORMED**
- **SPECIES TO BE TESTED**
- **ADDITIONAL TESTING REQUIRED**

WHAT TO TRACK?

GENERAL PERMITS

PART I.A.-EFFLUENT LIMITS AUTOMOTIVE GASOLINE

- FLOW, MGD: RPT/CONTINUOUS
- BENZENE, ug/l: 1.0 DM:1/30
- T. LEAD, ug/l: 1.0 DM:1/30
- pH, SU: 6-8.5:1/30
- TOXICITY: initially 3 months,
then annually

WHAT TO TRACK?

GENERAL PERMITS

PART I.A. - EFFLUENT LIMITS

AVIATION GAS., JET FUEL OR DIESEL

- FLOW, MGD: RPT:CONTINUOUS

- BENEZENE, ug/l: 1.0 DM:1/30

NAPTHALENE, ug/l:100 DM:1/30

- T.LEAD, ug/l: 30 DM:1/30

- pH, SU: 6-8.5: 1/30

- TOXICITY: initially 3 months,
then annually

WHAT TO TRACK?

GENERAL PERMITS

PART I.B. OTHER REQUIREMENTS

**UNDER B.3. WITHIN 60 DAYS OF
EFFECTIVE DATE OR START-UP OF
DISCHARGE SUBMIT:**

- **EPA METHOD 625 - ACID AND
BASE/NEUTRAL EXTRACTABLE
ORGANICS**
- **EPA METHOD 624 - PURGEABLE
ORGANICS**

WHAT TO TRACK?

GENERAL PERMITS

PART II. STANDARD CONDITIONS FOR NPDES PERMITS

SECTION A.2. PENALTIES FOR VIOLATIONS

- **CIVIL PENALTY OF \$25,000/DAY**
- **WILLFULL VIOLATIONS:**
 - **\$5,000-50,000/DAY**
 - **OR, 3 YEARS PRISON**
 - **BOTH**
- **NEGLIGENCE VIOALTIONS:**
 - **\$2,500 - \$25,000/DAY**
 - **OR, 1 YEAR PRISON**
 - **BOTH**

WHAT TO TRACK?

GENERAL PERMIT

PART II.D.8 24-HOUR RPTING

- ORAL NOTIFICATION, ENDANGER HEALTH OR ENVIRONMENT, W/IN 24 HRS OF AWARENESS**
- FOLLOW-UP WITH WRITTEN SUBMISSION W/IN 5 DAYS**
- EPA MAY WAIVE WRITTEN NOTICE AT TIME OF VERBAL REPORT**

INCLUDED IN 24-HOUR REPORT:

- UNANTICIPATED BYPASS**
- UPSET**

PART II.D.9. OTHER NONCOMPLAINTS

- REPORT WITH DMRS**

WHAT TO TRACK?

GENERAL PERMIT

SECTION G. ADTL. GEN. CONDITIONS

PERMITTEE SHALL NOTIFY

EPA WITHIN 30 DAYS AFTER

PERMANENT TERMINATION OF

THE DISCHARGE. LETTER

SHALL INCLUDE SITE

REHABILITATION COMPLETION

ORDER (SRCO) FROM FL

BUREAU OF WASTE CLEANUP.

AFTER RECEIPT OF SRCO,

INACTIVATE COVERAGE

WHAT TO TRACK?

GENERAL PERMIT

PART III. OTHER REQUIREMENTS

III.A. RPTNG MONITORING RESULTS

**DMRS ARE TO BE SUBMITTED
EACH QUARTER**

WHAT TO TRACK?

GENERAL PERMIT

PART V. TOXICITY PROGRAM

- **BEGIN TESTING W/N 30 DAYS OF COVERAGE OR BEGIN DISCHARGE**
- **USE 2 ORGANISMS
ONE FISH &
ONE INVERTEBRATE**
- **CONDUCT 48-HOUR ACUTE
STATIC TEST**
- **CONDUCT 1 TEST FOR 3
CONSECUTIVE MONTHS,
THEN ANNUALLY**
- **IF LETAHL (<50% SURVIVAL)
PERFORM ONE ADDITIONAL**

WHAT TO TRACK?

CORRESPONDENCE

- NOTICES OF VIOLATION (NOV)
- LTRS OF NONCOMPLAINE (LON)
- INFORMATION REQUESTS
- SECTION 308 LETTERS
- TELEPHONE REQUESTS
- SHOW CAUSE RESPONSES

WHAT TO TRACK?

ENFORCEMENT ACTIONS

- ADMINISTRATIVE ORDERS (AOs)
- CONSENT DECREES (CDs)
- ADMINISTRATIVE PENALTY ORDER—
SUPPLEMENTAL ENVIRONMENTAL
PROJECTS (APO—SEPs)

WHAT TO TRACK?

PAYMENT SCHEDULES

- **CONSENT DECREES**
 - ✓ **CIVIL PENALTIES**
 - ✓ **STIPULATED PENALTIES**
- **ADMINISTRATIVE PENALTY ORDE**
 - ✓ **CIVIL PENALTIES**

WHAT TO TRACK?

INSPECTIONS

- **COMMITMENTS**
LAST INSPECTED
SCHEDULED INSPECTION
- **RESPONSES**
NOV FROM CEI
ESD INSPECTIONS
STATE INSPECTIONS

TYPES OF TRACKING SYSTEMS NOTEBOOK

✓ HAND ANNOTATED

✓ COMPUTER

✓ COMBINATION

GENERAL PERMIT TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

In compliance with the provisions of the Clean Water Act, as amended (33 U.S.C. 1251 et seq; the "Act"),

Discharges of treated groundwater and stormwater incidental to groundwater cleanup operations which are contaminated with gasoline or aviation fuel are authorized to discharge to waters of the United States within the State of Florida in accordance with effluent limitations, monitoring requirements and other conditions set forth herein. The permit consists of Part I, Part II, Part III, Part IV, and Part V.

This permit shall become effective at 1:00 p.m. Eastern Daylight Savings Time, on Monday, July 17, 1989.

This permit and the authorization to discharge shall expire at midnight, Eastern Daylight Savings Time, on July 16, 1994.

Dated: _____

John T. Marlar, Chief
Facilities Performance Branch
for
Bruce R. Barrett, Director
Water Management Division
Region IV

January 21, 1993

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS : Existing Sources and New Dischargers

1. During the period beginning on the effective date of the permit and lasting through the term of this permit, the permittee is authorized to discharge treated groundwater and stormwater that has been contaminated by Automotive Gasoline. It is anticipated that these contaminated waters will be treated by air stripping, followed by activated carbon adsorption, if necessary, or equivalent treatment to meet the following effluent limitations.

Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, MGD	Report	Report	Continuous	Flowmeter
Benzene, ug/l	--	1.0	1/month	Grab
*Total Lead, ug/l	--	30.0	1/month	Grab

The effluent (100%) shall not be lethal to more than 50% of appropriate fish and invertebrate test organisms in 48 hour static toxicity tests (48-hr.

LC₅₀). Failure to demonstrate compliance with the acute toxicity requirement may result in coverage under this permit being revoked,

(see Part V-2).

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Permit No. FLG040001

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored once every month by grab sample, or continuously with a recorder, at the discretion of the permittee (See item I.B.4).

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

*Monitoring for this parameter is required only when contamination results from leaded fuel.

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS : Existing Sources and New Dischargers

2. During the period beginning on the effective date of the permit and lasting through the term of this permit, the permittee is authorized to discharge treated groundwater and stormwater that has been contaminated by Aviation Gasoline, Jet Fuel or Diesel. It is anticipated that these contaminated waters will be treated by air stripping, followed by activated carbon adsorption if necessary or equivalent treatment to meet the foregoing effluent limitations.

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Such discharges shall be limited and monitored by the permittee as specified below:

<u>EFFLUENT CHARACTERISTIC</u>	<u>DISCHARGE LIMITATIONS</u>		<u>MONITORING REQUIREMENTS</u>	
	<u>Daily Avg</u>	<u>Daily Max</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
Flow, MGD	Report	Report	Continuous	Flowmeter
Benzene, ug/l	--	1.0	1/month	Grab
Naphthalene, ug/l	--	100.0	1/month	Grab
*Total Lead, ug/l	--	30.0	1/month	Grab

The effluent (100%) shall not be lethal to more than 50% of appropriate fish and invertebrate test organisms in 48 hour static toxicity tests (48-hr. LC₅₀). Failure to demonstrate compliance with the acute toxicity requirement may result in coverage under this permit being revoked, (see Part V-2).

The pH shall not be less than 6.0 standard units nor greater than 8.5 standard units and shall be monitored once every month by grab sample, or continuously with a recorder, at the discretion of the permittee (See item I.B.4).

There shall be no discharge of floating solids or visible foam in other than trace amounts.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.

*Monitoring for this parameter is required only when contamination results from leaded fuel.

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B. OTHER REQUIREMENTS

1. Any more frequent effluent discharge monitoring required by the Florida Department of Environmental Regulation (FDER) for the parameters limited in this permit, or different parameters, shall be reported to the Permit Issuing Authority in accordance with the requirements of Part III-A of this permit.
2. Effluent limitations for combining contaminated groundwater pumped to above-ground storage tanks, with contaminated groundwater from the sites recovery wells.
 - a. The permittee shall notify FDER of any intent to combine contaminated groundwater pumped to above-ground storage tanks with contaminated groundwater from the recovery well. Approval of this combined effluent discharge by FDER will constitute approval for coverage by this general permit.
3. Within 60 days of the effective date of this permit or startup of discharge the permittee shall also submit the results of the following analyses. These analyses shall be performed on a representative sample of the groundwater effluent discharge, taken after final treatment.

Required analyses (one time only):

 - a. EPA Method 625 - Acid and base/neutral extractable organics
 - b. EPA Method 624 - Furgeable Organics

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If the analyses required in the above Part B-3 reveal other toxic pollutants or subsequent biomonitoring test shows lethality, (less than 50% survival of test organisms in 100% effluent) this General Permit may be terminated and an individual permit issued.

4. If the pH is monitored continuously, the pH values shall not deviate outside the required range more than 7 hours and 26 minutes in any calendar month and no individual excursion shall exceed 60 minutes. An "excursion" is an unintentional and temporary incident in which the pH value of discharge wastewater exceeds the range set forth in the permit.

C. TEST PROCEDURES

In performing the analysis for the dissolved constituents in the surface water and groundwater the permittee shall use the guidelines recommended and described in Sections 17-70.008(9)[a-e] of the petroleum contamination site cleanup criteria rule for the State of Florida.

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a. If the petroleum contamination is from a petroleum fuel in which the source of contamination has not been identified, the groundwater shall be analyzed (using the recommended methods) for the following parameters as described in Section 17.70.008(9)[d] of the State

Underground Petroleum Environmental Response Program:

- | | |
|---------------------------------------------------------------------------------|----------------------------------------------|
| 1) Lead | (EPA Method 239.2 or
Standard Method 304) |
| 2) Priority Pollutant
Volatile Organics | (EPA Method 624) |
| 3) Priority Pollutant
Extractable Organics | (EPA Method 625) |
| 4) Non-Priority Pollutant
Organics (with GC/MS
Peaks greater than 10 ppb) | (EPA Methods 624 & 625) |

D. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule:

Permittees with Revoked Individual Permits	
Operational Level Attained	Upon Receipt of Notification of Coverage

New Dischargers:	
Operational Level Attained	Upon Commencement of Discharge

2. No later than 14 calendar days after any date identified in the above schedule of compliance the permittee shall submit either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance.

In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

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PART II

STANDARD CONDITIONS FOR NPDES PERMITS

SECTION A. GENERAL CONDITIONS

1. Duty to Comply

The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

2. Penalties for Violations of Permit Conditions

Any person who violates a permit condition is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully violates permit conditions is subject to a fine of not less than \$5000 nor more than \$50,000 per day of violation, or by imprisonment for not more than 3 years, or both. Any person who negligently violates permit conditions is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment.

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4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, terminated or revoked for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts;
- c. A change in any conditions that requires either temporary interruption or elimination of the permitted discharge; or
- d. Information newly acquired by the Agency indicating the discharge poses a threat to human health or welfare.

If the permittee believes that any past or planned activity would be cause for modification or revocation and reissuance under 40 CFR 122.62, the permittee must report such information to the Permit Issuing Authority. The submittal of a new application may be required of the permittee. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

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5. Toxic Pollutants

Notwithstanding Paragraph A-4, above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition and the permittee so notified.

The permittee shall comply with effluent standards or prohibitions established under Section 307(a) of the Clean Water Act for toxic pollutants within the time provided in the regulations that establish those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" Section B, Paragraph B-3, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Act.

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8. State Laws

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.

9. Property Rights

The issuance of this permit does not convey any property rights of any sort, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

10. Severability

The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

11. Duty to Provide Information

The permittee shall furnish to the Permit Issuing Authority, within a reasonable time, any information which the Permit Issuing Authority may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit or to determine compliance with this permit. The permittee shall also furnish to the Permit Issuing Authority upon request, copies of records required to be kept by this permit.

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SECTION B. OPERATION AND MAINTENANCE OF POLLUTION CONTROLS

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit.

2. Need to Halt or Reduce not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the condition of this permit.

3. Bypass of Treatment Facilities

a. Definitions

- (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility, which is not a designed or established operating mode for the facility.

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(2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.

b. Bypass not exceeding limitations.

The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Paragraphs c. and d. of this section.

c. Notice

(1) Anticipated bypass. If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass; including an evaluation of the anticipated quality and effect of the bypass.

(2) Unanticipated bypass. The permittee shall submit notice of an unanticipated bypass as required in Section D, Paragraph D-4 (24-hour notice).

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d. Prohibition of bypass.

(1) Bypass is prohibited and the Permit Issuing Authority may take enforcement action against a permittee for bypass, unless:

- (a) Bypass was unavoidable to prevent loss of life, personal injury, or severe and extensive property damage;
- (b) There were no feasible alternatives to the bypass, such as maintenance of sufficient reserve holding capacity, the use of auxiliary treatment facilities, retention of untreated wastes, waste hauling, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
- (c) The permittee submitted notices as required under Paragraph b. of this section.

(2) The Permit Issuing Authority may, within its authority, approve an anticipated bypass, after considering its adverse effects, if the Permit Issuing Authority determines that it will meet the three conditions listed above in Paragraph d.(1) of this section.

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4. Upsets

"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. An upset constitutes an affirmative defense to an action brought for non-compliance with such technology based permit limitation if the requirements of 40 CFR 122.41(n)(3) are met.

5. Removed Substances

This permit does not authorize discharge of solids, sludge, filter backwash, or other pollutants removed in the course of treatment or control of wastewaters to waters of the United States unless specifically limited in Part 1.

SECTION C. MONITORING AND RECORDS

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge. All samples shall be taken at the monitoring points specified in this permit and, unless otherwise specified, before the effluent joins or is diluted by any other wastestream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Permit Issuing Authority.

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Appropriate flow measurement devices and methods consistent with accepted scientific practices shall be selected and used to insure the accuracy and reliability of measurements of the volume of monitored discharges. The devices shall be installed, calibrated and maintained to insure that the accuracy of the measurements are consistent with the accepted capability of that type of device. Devices selected shall be capable of measuring flows with a maximum deviation of less than $\pm 10\%$ from the true discharge rates throughout the range of expected discharge volumes. Guidance in selection, installation, calibration and operation of acceptable flow measurement devices can be obtained from the following references:

- a. "A Guide of Methods and Standards for the Measurement of Water Flow", U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 421, May 1975, 97 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by SD catalog No. C13.10:421.)
- b. "Water Measurement Manual", U.S. Department of Interior, Bureau of Reclamation, Second Edition, Revised Reprint, 1974, 327 pp. (Available from the U.S. Government Printing Office, Washington, D.C. 20402. Order by catalog No. 127.19/2:W29/2, Stock No. S/N 24003-0027.)
- c. "Flow Measurement in Open Channels and Closed Conduits", U.S. Department of Commerce, National Bureau of Standards, NBS Special Publication 484, October 1977, 982 pp. (Available in paper copy or microfiche from National Technical Information Service (NTIS), Springfield, VA 22151. Order by NTIS No. PB-273 535/5ST.)

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- c. "NPDES Compliance Flow Measurement Manual", U.S. Environmental Protection Agency, Office of Water Enforcement, Publication MCD-77, September 1981, 135 pp. (Available from the General Services Administration (GBRC), Centralized Mailing Lists Services, Building 41, Denver Federal Center, Denver, CO 80225.)

3. Monitoring Procedures

Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

4. Penalties for Tampering

The Clean Water Act provides that any person who falsifies, tampers with, or knowingly renders inaccurate, any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years per violation, or by both.

5. Retention of Records

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the sample, measurement, report or application. This period may be extended by the Permit Issuing Authority at any time.

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6. Record Contents

Records of monitoring information shall include:

- a. The date, exact place, and time of sampling or measurements;
- b. The individual(s) who performed the sampling or measurements;
- c. The date(s) analyses were performed;
- d. The individual(s) who performed the analyses;
- e. The analytical techniques or methods used; and
- f. The results of such analyses.

7. INSPECTION AND ENTRY

The permittee shall allow the Permit Issuing Authority, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- a. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;
- b. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
- c. Inspect at reasonable time any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Clean Water Act, any substances or parameters at any location.

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SECTION D. REPORTING REQUIREMENTS

1. Change in Discharge

The permittee shall give notice to the Permit Issuing Authority as soon as possible of any planned physical alterations or additions to the permitted facility. Notice is required only when:

- a. The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source; or
- b. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under Section D, Paragraph D-10(a).

2. Anticipated Noncompliance

The permittee shall give advance notice to the Permit Issuing Authority of any planned change in the permitted facility or activity which may result in noncompliance with permit requirements. Any maintenance of facilities, which might necessitate unavoidable interruption of operation and degradation of effluent quality, shall be scheduled during noncritical water quality periods and carried out in a manner approved by the Permit Issuing Authority.

3. Transfer of Ownership or Control

A permit may be automatically transferred to another party if:

- a. The permittee notifies the Permit Issuing Authority of the proposed transfer at least 30 days in advance of the proposed transfer date;
- b. The notice includes a written agreement between the existing and new permittees containing a specific date for transfer of permit responsibility, coverage, and liability between them; and
- c. The Permit Issuing Authority does not notify the existing permittee of his or her intent to modify or revoke and reissue the permit. If this notice is not received, the transfer is effective on the date specified in the agreement mentioned in paragraph b.

4. Monitoring Reports

See Part III of this permit.

5. Additional Monitoring by the Permittee

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures approved under 40 CFR 136 or as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report (DMR). Such increased frequency shall also be indicated.

6. Averaging of Measurements

Calculations for limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Permit Issuing Authority in the permit.

January 21, 1993

7. Compliance Schedules

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date. Any reports of noncompliance shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

8. Twenty-Four Hour Reporting

The permittee shall orally report any noncompliance which may endanger health or the environment, within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 5 days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance, including exact dates and times; and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. The Permit Issuing Authority may verbally waive the written report, on a case-by-case basis, when the oral report is made.

The following violations shall be included in the 24 hour report when they might endanger health or the environment:

- a. An unanticipated bypass which exceeds any effluent limitation in the permit.
- b. Any upset which exceeds any effluent limitation in the permit.

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9. Other Noncompliance

The permittee shall report in narrative form, all instances of noncompliance not previously reported under Section D, Paragraphs D-2, D-4, D-7, and D-8 at the time monitoring reports are submitted. The reports shall contain the information listed in Paragraph D-8.

10. Changes in Discharges of Toxic Substances

The permittee shall notify the Permit Issuing Authority as soon as it knows or has reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic substance(s) (listed at 40 CFR 122, Appendix D, Table II and III) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- (1) One hundred micrograms per liter (100 ug/l); or
- (2) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2, 4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony.

- b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant (listed at 40 CFR 122, Appendix D, Table II and III) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- (1) Five hundred micrograms per liter (500 ug/l); or January 21, 1993
- (2) One milligram per liter (1 mg/l) for antimony.

11. Signatory Requirements

All applications, reports, or information submitted to the Permit Issuing Authority shall be signed and certified.

a. All permit applications shall be signed as follows:

(1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means:

(1) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy - or decision-making functions for the corporation, or (2) the manager of one or more manufacturing production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.

(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or

(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official.

b. All reports required by the permit and other information requested by the Permit Issuing Authority shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:

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- (1) The authorization is made in writing by a person described above;
- (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and
- (3) The written authorization is submitted to the Permit Issuing Authority.

c. Certification. Any person signing a document under paragraphs (a) or (b) of this section shall make the following certification:

"I certify under penalty of law that this document and all attachments were prepared under the 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."

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12. Availability of Reports

Except for data determined to be confidential under 40 CFR Part 2, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Permit Issuing Authority. As required by the Act, permit applications, permits and effluent data shall not be considered confidential.

13. Penalties for Falsification of Reports

The Clean Water Act provides that any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years per violation, or by both.

SECTION E. DEFINITIONS

1. Permit Issuing Authority

The Regional Administrator of EPA Region IV or his designee, unless at some time in the future the State receives the authority to administer the NPDES program and assumes jurisdiction over the permit; at which time, the Director of the State program receiving authorization becomes the issuing authority.

2. Act

"Act" means the Clean Water Act (formerly referred to as the Federal Water Pollution Control Act) Public Law 92-500, as amended by Public Law 95-217, Public Law 95-576 and Public Law 100-4, 33 U.S.C. 1251 et seq. January 21, 1993

3. Concentration Measurements

- a. The "average monthly concentration", is the sum of the concentrations of all daily discharges sampled and/or measured during a calendar month on which daily discharges are sampled and measured, divided by the number of daily discharges sampled and/or measured during such month (arithmetic mean of the daily concentration values). The daily concentration value is equal to the concentration of a composite sample or in the case of grab samples is the arithmetic mean (weighted by flow value) of all the samples collected during the calendar day.
- b. The "maximum daily concentration" is the concentration of a pollutant discharge during a calendar day. It is identified as "Daily Maximum" under "Other Limits" in Part I of the permit and the highest such value recorded during the reporting period is reported under the "Maximum" column under "Quality" on the DMR.

4. Other Measurements

- a. The effluent flow expressed as MGD is the 24 hour average flow averaged monthly. It is the arithmetic mean of the total daily flows recorded during the calendar month. Where monitoring requirements for flow are specified in Part I of the permit the flow rate values are reported in the "Average" column under "Quantity" on the DMR.

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- b. • An "instantaneous flow measurement" is a measure of flow taken at the time of sampling, when both the sample and flow will be representative of the total discharge.
- c. Where monitoring requirements for pH or dissolved oxygen are specified in Part I of the permit, the values are generally reported in the "Quality or Concentration" column on the DMR.

5. Types of Samples

- a. Grab Sample: A "grab sample" is a single influent or effluent portion which is not a composite sample. The sample(s) shall be collected at the period(s) most representative of the total discharge.

6. Calendar Day

A calendar day is defined as the period from midnight of one day until midnight of the next day. However, for purposes of this permit, any onsecutive 24-hour period that reasonably represents the calendar day may be used for sampling.

7. Hazardous Substance

A hazardous substance means any substance designated under 40 CFR Part 116 pursuant to Section 311 of the Clean Water Act.

8. Toxic Pollutant

A toxic pollutant is any pollutant listed as toxic under Section 307(a)(1) of the Clean Water Act.

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SECTION F. APPLICATION REQUIREMENTS

- a. For expired individual NPDES permits, dischargers desiring coverage under NPDES General Permit Number FLG040001 are required to submit a notice of intent (NOI) to be covered by the general permit to the Permit Issuing Authority. The NOI shall include: (1) the name and address of the operation, (2) the applicable individual NPDES number(s), (3) the identification of any new discharge location not contained in the expired permit, (4) evidence that the operation has been approved for Initial Remediation Actions (IRA), or has obtained a Site Rehabilitation Initiation Order and an approved Remedial Action Plan (RAP) from the FDER, in accordance with Florida Administrative Codes (FAC) 17-70.006, 17-70.008 and 17-70.010, respectively, (5) a map showing the facility and discharge location (in latitude and longitude), and (6) the name of the receiving water. Operators having several individual permits are encouraged to consolidate requests for coverage into one NOI for all individual permits. The previous submission of the proper forms in the renewal application does not relieve the permittee desiring coverage under the general permit of the requirement to file a NOI.
- b. Dischargers having valid individual NPDES permits that desire coverage under the general permit are required to file a NOI to the Permit Issuing Authority within at least 30 days prior to expiration of their current permit(s). The notice shall contain the same information specified in paragraph (a) above. Permittees desiring to retain their individual permit are required to submit the appropriate application forms at least 180 days before expiration of their individual permit.

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- c. Dischargers who have not previously obtained a valid individual NPDES permit will be required to submit the same information specified in paragraph (a) above, except items (2) and (3). The application for coverage under the general permit must be made at least forty-five (45) days before the discharge is to commence.
- d. Notification of coverage will be given by the Permit Issuing Authority by certified mail to the permittee.
- e. Coverage by this general permit shall become effective on the date of notification of coverage by the Permit Issuing Authority.
- f. Coverage by this general permit shall expire on July 16, 1994.

SECTION G. ADDITIONAL GENERAL PERMIT CONDITIONS

- 1. The Permit Issuing Authority may require any person authorized by this permit to apply for and obtain an individual NPDES permit when:
 - a. The discharge(s) is a significant contributor of pollution;
 - b. The discharger is not in compliance with the conditions of this permit;
 - c. A change has occurred in the availability of the demonstrated technology of practices for the control or abatement of pollutants applicable to the point sources;
 - d. Effluent limitation guidelines are promulgated for point sources covered by this permit;
 - e. A Water Quality Management Plan containing requirements applicable to such point source is approved; or

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- f. The point source(s) covered by this permit no longer:
- (1) Involve the same or substantially similar types of operations;
 - (2) Discharge the same types of wastes;
 - (3) Require the same effluent limitations or operating conditions;
 - (4) Require the same or similar monitoring; and
 - (5) In the opinion of the Regional Administrator, are more appropriately controlled under an individual permit than under a general permit.

The Regional Administrator may require any operator authorized by this permit to apply for an individual NPDES permit only if the operator has been notified in writing that a permit application is required.

2. Any operator authorized by this permit may request to be excluded from the coverage of this general permit by applying for an individual permit. The operator shall submit an application together with the reasons supporting the request to the Regional Administrator.
3. When an individual NPDES permit is issued to an operator otherwise subject to this general permit, the applicability of this permit to the owner or operator is automatically terminated on the effective date of the individual permit.
4. A source excluded from coverage under this general permit solely because it already has an individual permit may request that its individual permit be revoked, and that it be covered by this general permit. Upon revocation of the individual permit, this general permit shall apply to the source.

January 21, 1993

5. A petroleum contamination recovery operation may be excluded from this general permit if it proposes discharges to receiving waters that are classified as "Special Protection, Outstanding Florida Waters" as set forth by FAC 17-3.043.
6. The permittee shall notify the Permit Issuing Authority within 30 days after the permanent termination of discharge from their facility. This letter shall include the necessary Site Rehabilitation Completion Order (SRCO) from Florida Bureau of Waste Cleanup which constitutes final action on the State level for completion of cleanup activities at the affected site. After review of the SRCO, EPA will inactivate coverage of the general NPDES permit for the facility.

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OTHER REQUIREMENTS

A. Reporting of Monitoring Results

Monitoring results obtained during the previous calendar quarter shall be summarized for each month (each quarter if monitoring frequency is quarterly) and must be reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed calendar quarter (For example data for January-March shall be submitted by April 28.) Duplicate signed copies of these, and all other reports required by Section D of Part II, Reporting Requirements, shall be submitted to the Permit Issuing Authority and the State at the following addresses:

Environmental Protection Agency Florida Dept. of Environmental Regulation

Region IV Local District Office Address

Facilities Performance Branch

Water Management Division

345 Courtland Street, N.E.

Atlanta, GA 30365

B. Reopener Clause

This permit shall be modified, or alternatively revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

1. Contains different conditions or is otherwise more stringent than any condition in the permit; or
2. Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

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PART IV

BEST MANAGEMENT PRACTICES AND CONDITIONS

Section A. General Conditions

1. BMP Plan

Preparation of a Best Management Practices (BMP) Plan shall be prepared in conjunction with development of the Remedial Action Plan required by Florida Department of Environmental Regulation (See Part II.F.c.).

The permittee shall maintain the BMP plan at the facility and shall make the plan available to the permit issuing authority upon request.

The "NPDES Guidance Document" can be used as a reference which contains technical information on BMPs and the elements of the BMP program. The permittee shall develop and implement a BMP plan which prevents, or minimizes the potential for, the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations, and sludge and waste disposal areas, to the waters of the United States through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage. The term pollutants refers to any substance listed as toxic under Section 307(a)(1) of the Clean Water Act, oil, as defined in Section 311(a)(1) of the Act, and substance listed as hazardous under Section 311 of the Act. Copies of the "NPDES Guidance Document" may be obtained by submitting written requests to: Director, Water Management Division, Region IV, Atlanta, GA 30365

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PART V
Biomonitoring Program

Part V
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In accordance with Part 1 of this permit, the permittee shall initiate the series of tests described below within 30 days of coverage or commencement of discharge from outfall(s) 001.

1. If the effluent is discharged to a freshwater stream, the permittee shall conduct 48-hour static toxicity tests on two appropriate test species (EPA/600/4-85/013, Table 1). The test organisms used shall include one fish and one invertebrate test species (Recommend: A Daphnidae species and the fathead minnow (Pimephales promelas)). If the effluent is discharged to a saltwater stream, the permittee shall conduct 48-hour static toxicity tests using the Mysid shrimp (*Mysidopsis bahia*) and the inland silverside (*Menidia beryllina*) or any other species approved by EPA.

Tests shall be conducted once every month for a period of three months following the initiation of the tests and once every year thereafter for the duration of the permit using samples of 100% final effluent. Such tests will be conducted on one grab sample of 100% final effluent. Results of all tests conducted with any species shall be reported according to EPA/600/4-85/013, Section 13, Report Preparation and Data Utilization, and shall be submitted to EPA with the quarterly discharge monitoring report.

2. If lethality (less than 50% survival of test organisms in 100% effluent) is demonstrated in either of the above test(s), another 48-hr static test using the same specie(s) and the same methodology shall be conducted within two weeks. If the additional test(s) indicates toxicity, coverage under the general permit maybe revoked by the Permit

Issuing Authority upon issuance of an individual permit. January 21, 1993

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Permit No: FLG0040001

3. All test organisms, procedures and quality assurance criteria used shall be in accordance with Methods for Measuring the Acute Toxicity of Effluent to Freshwater and Marine Organisms, EPA-600/4-85-013. A standard reference toxicant quality assurance test shall be conducted concurrently with each set of toxicity tests and its results submitted with the quarterly discharge monitoring report.

January 21, 1993

TYPES OF TRACKING SYSTEMS

- NOTEBOOK
- PERMIT COMPLIANCE SYS (PCS)
- TICKLER FILE
- INDEX CARDS
- CALENDAR
- LOGBOOK

Receiving Waters:

[illegible][illegible]

Parameter	Units	Monitoring Requirement	Minimum	Maximum	Average	Average	
1. Air Quality Index (AQI)	Index	100-150	100	150	100	150	100
2. Water Quality Index (WQI)	Index	100-150	100	150	100	150	100
3. Noise Level (dB)	dB	100-150	100	150	100	150	100
4. Soil Contamination (ppm)	ppm	100-150	100	150	100	150	100
5. Groundwater Level (m)	m	100-150	100	150	100	150	100
6. Rainfall (mm)	mm	100-150	100	150	100	150	100
7. Temperature (°C)	°C	100-150	100	150	100	150	100
8. Humidity (%)	%	100-150	100	150	100	150	100
9. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
10. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
11. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
12. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
13. Groundwater Pollution (ppm)	ppm	100-150	100	150	100	150	100
14. Rainfall (mm)	mm	100-150	100	150	100	150	100
15. Temperature (°C)	°C	100-150	100	150	100	150	100
16. Humidity (%)	%	100-150	100	150	100	150	100
17. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
18. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
19. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
20. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
21. Groundwater Pollution (ppm)	ppm	100-150	100	150	100	150	100
22. Rainfall (mm)	mm	100-150	100	150	100	150	100
23. Temperature (°C)	°C	100-150	100	150	100	150	100
24. Humidity (%)	%	100-150	100	150	100	150	100
25. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
26. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
27. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
28. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
29. Groundwater Pollution (ppm)	ppm	100-150	100	150	100	150	100
30. Rainfall (mm)	mm	100-150	100	150	100	150	100
31. Temperature (°C)	°C	100-150	100	150	100	150	100
32. Humidity (%)	%	100-150	100	150	100	150	100
33. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
34. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
35. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
36. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
37. Groundwater Pollution (ppm)	ppm	100-150	100	150	100	150	100
38. Rainfall (mm)	mm	100-150	100	150	100	150	100
39. Temperature (°C)	°C	100-150	100	150	100	150	100
40. Humidity (%)	%	100-150	100	150	100	150	100
41. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
42. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
43. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
44. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
45. Groundwater Pollution (ppm)	ppm	100-150	100	150	100	150	100
46. Rainfall (mm)	mm	100-150	100	150	100	150	100
47. Temperature (°C)	°C	100-150	100	150	100	150	100
48. Humidity (%)	%	100-150	100	150	100	150	100
49. Wind Speed (km/h)	km/h	100-150	100	150	100	150	100
50. Air Pollution (ppm)	ppm	100-150	100	150	100	150	100
51. Water Pollution (ppm)	ppm	100-150	100	150	100	150	100
52. Soil Pollution (ppm)	ppm	100-150	100	150	100	150	100
53. Groundwater Pollution (ppm)							

[illegible]

Effective Date: 1/1/92 Expiration Date: 9/30/96 Issue Date: 9/26/91

Requiving Waters:

[illegible]

City of Sanford

Mr. William Simmons
City Manager
City of Sanford
P.O. Box 1788
Sanford, FL 32771

ITA - 6626/92 - Changing SUV to in 90 days

AF6-93-020-1117K2

DA-9342-penalty ntj

WET-1130-1010

10/10/23

10/28/92

jailed

Compliance Status Information

DIA Date	Complete	Event	Agency Action
7/1/93		Annual Sludge Mgmt Rpt	
8/1/92	3/24/92	Sludge Volume Rpt	
8/1/93		Annual Retreatment Rpt	
WET-48 acute static using Cardio-philia + 96-hr acute static - renewal using lather			
minimus. Contact extends 10% will be repeated 1-2 mths for 6 tests then			
followed by 6 mths. If 50% lethality then conduct 3 more.			

Reliability of the Composite

Parameter	Unit	Monitoring Requirement	Minimum	Maximum	Monthly Average	Annual Average	
Flow	MGD	Cont/Meter & T					
BOD	mg/l	5/T-24+R Comp		45	30	20	F/T
TSS	"	"		45	30	20	F/T
T.N. as N	"	"		18	15	12	F
NH ₃ as N	"	"		5	4	—	
T.P	"	"		6	5	4	
EC	N/100 ml	G nab		500	—	200	
TBC	mg/l	"		0.01	—		
DO	mg/l	"	3.0				
pH	5U	Cont/Bcdx	6.0	8.5			
Output WPT	16 mths	/Grab	50% lethality in			96hr - 1	92
BOD % removal							85%
TSS % "							85%

Discharge Monitoring Reports (DMR)

Date Date	Date Recd.	Type of Violation	Agency Response with Dates
10/91	-	FC-Dm	
11/91	-	FC+TRC-Dm	
1/92	-	WH ₂ -MA+DM	
2/92	-	WH ₂ MA+DM	
3/92	-	WH ₂ -MA+DM	
4/92	5/20/92	WH ₂ -MA+DM	
5/92	6/23/92	max, WH ₂	
6/92	7/30/92	11/11	
7/92	10/11/92	WH ₂ max, T P+FC	Nov - 10/25/92 - respo. 11/19/92 - excessive minor
12/92	12/1/92	WH ₂ (Dm) FC(Dm) - mot. to clean assembly & elimination of action	Slutsky notes to continue to ensure that all

Personal Tracking System - Page 51

() Maj.
() Min.

() Non-POTW

()

() State

()EPA. issued

() State issued

SIC CODE .

[illegible]

Committee	Violation	Action (Date)	Suspense	Response/Followup
ackledge #21571	Resubmit DMRs due to pH, TRC, and nutrient probs.	Letter. 8/5/92	15 days 8/20/92	Rec'd 8/28; dated 8/25
Clark County- Wilson Acres	Need financial info. and map of storm water drainage pipe.	308 Ltr. 8/7/92	15 days 8/22/92	Extended to Sept. 30.
- Tile #29637	Memo to HQ w/ rational for bottomline.	Memo. 8/12/92	ASAP	Rec'd
Hero Beach #21661	TRC, pH, BOD reporting, weekly ave. calc's.	NOV. 8/26/92	15 days	Rec'd
ackledge #21571	DMR preprints	Letter. 9/2/92	ASAP	Rec'd
Three Ind. #11341	Not submitting DMR forms only letters	NOV. 9/3/92	15 days 9/18/92	Rec'd 9/23; dated 9/18/92 Rick Flores called 9/14/92 will send DMRs ASAP
Hero Beach #21661	DMR preprints	Letter. 9/8/92	ASAP	Rec'd
Cocoa #21521	Discussion of settlement options for APO. Status report due 9/29/92 Proposal due 10/15/92	Letter. 9/11/92	10/15/92	I called Cocoa 9/29. They said they had sent a proposal to their attorney to review. I called again 9/30. Bill said they were O.K. with the proposal and their attorney would contact Kevin that day. Rec'd proposal 10/16/92; dated 10/15/92

1/23/92

FLORIDA 'C' SCHEDULES AND ENFORCEMENT BY NUMBER
SUSAN POPE

EPID	FNMS	IACC	MADI	RDF9	CNTN	FDGR	FLIM	NPSC	NPSQ
ENAC	ENAC	ENDT	ERFN	ENST	ESDT				
CSCH	DSCD	EVNT	EVNT	DTSC	DTAC	COMM			

ELD026441 JAX ARLINGTON EAST STP # 4 A M CXG DUVAL \$ F

01	SLDG	07099	FIRST MONITORING REPORT	10/01/91	09/05/90	PRIORITY POLLUTANT REPORT 199
01	SLDG	10099	SLUDGE HANDLING REPORT	11/01/90	10/29/90	SLUDGE VOLUME AND DISPOSAL RI
01	TRCL	00199	1ST REPORT OF PROGRESS	04/01/91	05/01/91	
01	TRCL	00299	2ND REPORT OF PROGRESS	10/01/91	09/24/91	
01	TRCL	00399	3RD REPORT OF PROGRESS	04/01/92	04/13/92	
01	TRCL	05699	FINAL COMPLIANCE W/EFF LIMITS	10/01/92		
02	SLDG	07099	FIRST MONITORING REPORT	10/01/92		
03	SLDG	07099	FIRST MONITORING REPORT	10/01/93		
04	SLDG	07099	FIRST MONITORING REPORT	10/01/94		

January 21, 1993

11/23/92

FLORIDA 'C' SCHEDULES AND ENFORCEMENT BY NUMBER

SUSAN POPE

QL *****

NPID	FNMS	IACC	MADI	RDF9	CNTN	FDGR	FLIM	NPSC	NPSQ
ENAC	ENAC	ENDT	ERFN	ENST	ESDT				
CSCH	DSCD	EVNT	EVNT	DTSC	DTAC	COMM	RDC2		
21	ADMINISTRATIVE ORDER	06/05/89	90-048	AE	06/05/90				
21	ADMINISTRATIVE ORDER	06/05/90	90-048	AE	06/05/90				
DA	FACA 00099 SCHEDULE DESCRIPTION	06/05/90 90-048_INACTIVE 043091							
FLO026361	MCDONALDS REST-ST AUGUSTINE RD A	CEP	DUVAL						
03	WARNING LETTER	12/09/91	NC	12/09/91					
21	ADMINISTRATIVE ORDER	03/28/84	84-687	CL	08/07/84				
21	ADMINISTRATIVE ORDER	09/12/89	89-093	CL	03/27/90				
DA	FACA 00099 SCHEDULE DESCRIPTION	03/28/84	84-687	INACTIVATED 840807					
DC	FACA 00099 SCHEDULE DESCRIPTION	09/12/89	89-093	INACTIVE 032790					
FLO026441	JAX ARLINGTON EAST STP # 4	A	M	CKG	DUVAL	\$	F		
01	SLDG 07099 FIRST MONITORING REPORT	10/01/91	09/05/90	PRIORITY POLLUTANT REPORT 1991					
01	SLDG 10099 SLUDGE HANDLING REPORT	11/01/90	10/29/90	SLUDGE VOLUME AND DISPOSAL RPT					
01	TRCL 00199 1ST REPORT OF PROGRESS	04/01/91	05/01/91						
01	TRCL 00299 2ND REPORT OF PROGRESS	10/01/91	09/24/91						
01	TRCL 00399 3RD REPORT OF PROGRESS	04/01/92	04/13/92						
01	TRCL 05699 FINAL COMPLIANCE W/EFF LIMITS	10/01/92							
02	SLDG 07099 FIRST MONITORING REPORT	10/01/92							
03	SLDG 07099 FIRST MONITORING REPORT	10/01/93							
04	SLDG 07099 FIRST MONITORING REPORT	10/01/94							
FLO026450	JAX DISTRICT II STP #2	A	M	CKG	DUVAL	\$	F	C	G
21	ADMINISTRATIVE ORDER	07/20/83	83-130						
21	ADMINISTRATIVE ORDER	03/11/85	85-124	CL	08/29/85				
DA	FACA 00099 SCHEDULE DESCRIPTION	07/20/83	83-130	INACTIVE					
DC	FACA 00099 SCHEDULE DESCRIPTION	03/11/85	85-124	INACTIVATED 08/29/85					
DC	FACA 05599 OPERATIONAL LEVEL ATTAINED	04/30/85	05/07/85	MEET NPDES PERMIT REQUIRE.					
01	SLDG 10099 SLUDGE HANDLING REPORT	04/01/91	STAYED BY EV. HRG. REQUEST						
01	TRCL 05699 FINAL COMPLIANCE W/EFF LIMITS	04/01/91	04/01/91						
FLO026468	JAX SOUTHWEST STP # 3	A	M	CKG	DUVAL	\$	F		
03	WARNING LETTER	02/12/91							
01	SLDG 07099 FIRST MONITORING REPORT	10/01/91	09/05/90	PRIORITY POLLUTANT REPORT 1991					
01	SLDG 10099 SLUDGE HANDLING REPORT	01/01/91	02/20/91	STAYED BY EVIDENTIARY HEARING					
02	SLDG 07099 FIRST MONITORING REPORT	10/01/92							
03	SLDG 07099 FIRST MONITORING REPORT	10/01/93							
04	SLDG 07099 FIRST MONITORING REPORT	10/01/94							
FLO026611	FLAGLER BEACH WTP	A	M	CRP	FLAGLER	F	C	G	
21	ADMINISTRATIVE ORDER	05/25/84	84-701	CL	08/07/85				
23	309(A)(5)(A) ORDER	08/31/88	88-058	CL	11/03/89				

January 21, 1993

Personal Tracking System - Page 55

Main Menu

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NPDES Workfiles
Kentucky, North Carolina & Florida Enforcement
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Ôäç                                     Ôäç
  0 0      Default Information ..... A      0 0
  0 0      Facility Information ..... B      0 0
  0 0      Facility Treatment Process .... C      0 0
  0 0      Facility Narrative ..... D      0 0
  0 0      Permit Administration ..... E      0 0
  0 0      Permit Limits & Conditions .... F      0 0
  0 0      State & Local Coordination .... G      0 0
  0 0      Inspection Information ..... H      0 0
  0 0      Facility Schedules ..... I      0 0
  0 0      DMR Information ..... J      0 0
  0 0      Go to Heaven ..... K      0 0
  0 0      EDIT ONLY (B) (D) (E) (G) (J) ..... M      0 0
  0 0      Go To Reports Menu ..... R      0 0
  0 0      Go To Correspondence Menu ..... L      0 0
äää      File Manager ..... U      äää
Enter Selection (A-M,L,R,U or X to quit)

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Command	$\square <K : > \square$	\square	\square	\square	$\square \text{Num}$
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DMR Data

° Code 38 Discharge Monitoring Report Information updated 10/04/92 °
 Company: Putnam County Public Schools Permit Number: FL0025097
 Name: Crescent City Junior-Senior High Reporting Frequency: Q
 (Annual, Semi, Quarter, or Monthly)

Discharge Monitoring Reporting Schedule For 92

	Due Dates	Actual Dates	Comment Regarding Late or Non-submittal
J	04/28/92	04/28/92	Y
F	04/28/92	04/28/92	Y
M	04/28/92	04/28/92	Y
A	07/28/92	07/28/92	Y
M	07/28/92	07/28/92	Y
J	07/28/92	07/28/92	Y
J	10/28/92	10/28/92	N TRC (5 days/week testing required)
A	10/28/92	10/28/92	N TRC and Fecal Coliform (quarterly testing)
S	10/28/92	10/28/92	N TRC
C	/28/93	/ /	
.	/28/93	/ /	
D	11/28/93	/ /	

January 21, 1993

REF: 4WM-WPEB

January 8, 1993

Mr. Carl Herring
Director of Central Services
Putnam County Public Schools
200 South Seventh Street
Palatka, Florida 32177

RE: Letter of Noncompliance
NPDES Permit No. FL0025097
Crescent City Junior-Senior High

Dear Mr. Herring:

This is to advise you that your facility is in violation of NPDES Permit Number FL0025097 as follows:

Discharge monitoring reports received for July 1992 showed violations for TRC (5 days/week testing required).

Discharge monitoring reports received for August 1992 showed violations for TRC and Fecal Coliform (quarterly testing).

Discharge monitoring reports received for September 1992 showed violations for TRC.

Please notify this agency within ten (10) days of the receipt of this letter of the action you have taken or are taking to correct the above violation(s).

Until such time as you achieve compliance with all conditions of your NPDES permit, you are considered to be in violation of and subject to enforcement action pursuant to the Clean Water Act, 33 U.S.C. Section 1319.

If you have specific questions as to the requirements of your permit, please contact me at (404)347-7428.

Sincerely yours,

Ron Phelps
Enforcement Officer
Enforcement Section
Water Permits and Enforcement Branch
Water Management Division

January 21, 1993

cc: FDER, Northeast District Office

Correspondence Tracking

Code from Schedule File: 38

°Facility Data File for Ron Phelps Updated on 10/04/92 Schedule °

Company: Putnam County Public Schools Code 38
NPDES FL0025097

#	Source	Action	Due Date	Date Done
1	NOV - DMRs	Respond to EPA DMR NOV	01/29/93	/ /

Command □<K:>□SCHED □ □Rec: 74/74 □ □Num

January 21, 1993

Inspection Information (cont.)

[illegible]

Inspection Results

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)

Not Applicable Indicated by Blank

Permit	S	
Records/Reports	N	Records not kept on site
Facility Site Review	S	
Flow Measurement	N	
Laboratory	N	
Effluent/Receiving Waters ...	S	
Pretreatment	N	
Compliance Schedules	N	
Self-Monitoring Program	S	DMR's reflect compliance with permit
Operations & Maintenance	S	
Sludge Disposal	N	

Additional Inspection Comments

January 21, 1993

REF: 4WM-WPEB

January 8, 1993

Mr. Carl Herring
Director of Central Services
Putnam County Public Schools
200 South Seventh Street
Palatka, Florida 32177

RE: Compliance Evaluation Inspection
NPDES Permit No. FL0025097
Crescent City Junior-Senior High

Dear Mr. Herring:

This office conducted a Compliance Evaluation Inspection (CEI) of the referenced facility on September 10, 1992. The inspection results have been summarized in the enclosed NPDES Compliance Inspection Report.

If you have specific questions about the requirements of your permit or the inspection results, please contact Ron Phelps at (404) 347-7428.

Sincerely yours,

Michael Hom, Chief
NC/FL Unit
Enforcement Section
Water Permits & Enforcement Branch
Water Management Division

cc: FDER, Northeast District Office

January 21, 1993

=====

No.	1	NPDES Compliance Inspection Report	10/04/92
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=====

Transaction Code	Permit	Date	Insp. Type	Agency	Fac. Type
N	FL0025097	09/10/92	C	J	2

Remarks

Reserved	Evaluation	BI	QA	Reserved
_____	3	N	N	_____

=====

Inspection Code: 1 Major (Y) or Minor (N) : N

Company Name: Putnam County Public Schools

Facility Name: Crescent City Junior-Senior High Entry Time: 1315 hours

Exit Time: 1445 hours

Facility Street: US 17 North

City: Crescent City	State: Florida	Zip:
Telephone: ()		

County: Putnam

=====

Names of On-Site Representatives	Titles
----------------------------------	--------

1. Mr. Reuben Boatwright	Custodian Supervisor
2.	

=====

Name, Address and Telephone of Responsible Official

Name: Mr. Carl Herring	Telephone: () -
Title: Director of Central Services	() -
Street: 200 South Seventh Street	

City: Palatka	State: Florida	Zip: 32177
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=====

EPA Inspector	State Inspector	Local Inspector
Ron Phelps	Kathleen Gerard	

=====

(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)
Not Applicable Indicated by Blank

=====

Permit	S	
Records/Reports	N	Records not kept on site
Facility Site Review	S	
Flow Measurement	N	
Laboratory	N	
Effluent/Receiving Waters ...	S	
Pretreatment	N	
Compliance Schedules	N	
Self-Monitoring Program	S	DMR's reflect compliance with permit
Operations & Maintenance	S	
Sludge Disposal	N	

=====

Approved by Chief, NC/FL Unit: _____

Additional Comments, If Any, On Next Page

REF: 4WM-WPEB

January 8, 1993

Mayor Nancy Harris
Mayor
City of Crescent City
115 N. Summit Street
Crescent City, Florida 32112

RE: Notice of Violation:
Compliance Evaluation Inspection
NPDES Permit No. FL0021610
City of Crescent City

Dear Mayor Harris:

This office conducted a Compliance Evaluation Inspection (CEI) of the referenced facility on September 10, 1992. The inspection results have been summarized in the enclosed NPDES Compliance Inspection Report. One or more aspects of plant operations or recordkeeping were observed as being deficient during the inspection. These deficiencies have been indicated by the letters 'U' or 'M' in the summary portion of the report.

Please provide us with the corrective actions your facility has taken or will take to correct the noted deficiencies. This information must be submitted to this office by January 29, 1993.

Until such time as you achieve compliance with all conditions of your NPDES permit, you are considered to be in violation of and subject to enforcement action pursuant to the Clean Water Act, 33 U.S.C. Section 1319.

If you have specific questions as to the requirements of your permit or the inspection results, please contact Ron Phelps at (404) 347-7428.

Sincerely yours,

Michael Hom, Chief
NC/FL Unit
Enforcement Section
Water Permits & Enforcement Branch
Water Management Division

cc: FDER, Northeast District Office

January 21, 1993


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=====
No.      1      NPDES Compliance Inspection Report      11/25/92
=====
Transaction Code    Permit    Date    Insp. Type    Agency    Fac. Type
      N      FL0021610    09/10/92      C      J      1

Remarks

      Reserved    Evaluation    BI    QA    Reserved
      _____    2      N      N      _____

=====
Inspection Code:  1      Major (Y) or Minor (N) :  N

Company Name: City of Crescent City
Facility Name: City of Crescent City      Entry Time: 1100 hours
                                           Exit Time: 1200 hours

Facility Street: Cypress and Lake Streets

      City: Crescent City      State: Florida      Zip: 32112
      Telephone: (904) 698-2525

                                           County: Putnam

=====
Names of On-Site Representatives    Titles

1. Mr. Carl Tankersley      City Administrator
2.

=====
Name, Address and Telephone of Responsible Official

Name: Mayor Nancy Harris      Telephone: (904) 698-2525
Title: Mayor      ( )
Street: 115 N. Summit Street

City: Crescent City      State: Florida      Zip: 32112

=====

EPA Inspector      State Inspector      Local Inspector
Ron Phelps      Kathleen Gerard

=====
(S=Satisfactory, M=Marginal, U=Unsatisfactory, N=Not Evaluated)
Not Applicable Indicated by Blank

=====
Permit ..... S
Records/Reports ..... U  Records not available for review
Facility Site Review ..... S
Flow Measurement ..... S
Laboratory ..... N  Facility uses Technical Services, Inc.
Effluent/Receiving Waters ... S  Effluent clear
Pretreatment ..... N
Compliance Schedules ..... N
Self-Monitoring Program ..... U  Late DMR's and effluent violations
Operations & Maintenance .... M  See attached report
Sludge Disposal ..... N
=====

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Approved by Chief, NC/FL Unit: _____

Additional Comments, If Any, On Next Page

Inspection Notes

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Records/Reports: The City has recently discharged the former operator and employed a contract operator service to operate the facility. The facility's operating records/reports were not available for review at the time of the inspection. In the future, the City must insure that all required records/reports are available for inspection and kept on file for a minimum of three years.

Self-Monitoring Program: During the period from January 1990 through April 1992, inclusive, the City discharged Total Residual Chlorine, Total Suspended Solids, and Fecal Coliform in excess of effluent limitations as prescribed by the NPDES permit. These violations are addressed in the Administrative Complaint Docket No. CWA-IV 92-551 dated September 29, 1992.

Operations and Maintenance: There was some leakage by the wall at the flow measurement area in the chlorine contact chamber that requires repair. The weirs in the clarifier were rusty and require attention. The City has failed to provide the results from the analyses required on the 1992 DMR-QA program. This failure has been addressed in the Administrative Order No. 92-118.

January 21, 1993

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01/07/93

Facility List by Code

Code	Permit Number	Company Name	Facility Name	County
1	FL0030074	Mayport Mobile Home Park	Mayport Mobile Home Park	Duval
2	FL0030121	Adcom Wire Company	Adcom Wire Company	Duval
3	FL0030449	Demetree Enterprises	Villa del Rio & Ortega Arms Apts.	Duval
4	FL0031593	Cedar Shores Apartments	Cedar Shores Apartments	Duval
6	FL0031658	Duval County School Board	Lake Forest Elementary School #74	Duval
7	FL0031666	Duval County School Board	Lake Shore Jr. High School #69	Duval
8	FL0031674	Duval County School Board	Henry F. Kite Elem. School #37	Duval
12	FL0032221	Airport Motor Inn	Airport Motor Inn	Duval
13	FL0032239	Monterey Motel STP	Monterey Motel	Duval
15	FL0032247	Carriage House Apartments	Carriage House Apartments	Duval
16	FL0032271	Cherokee Village Trailer Park	Cherokee Village Trailer Park	Duval
17	FL0032328	The Krystal Company	The Krystal Company (Jax #9)	Duval
18	FL0032361	J. Strauss Utility (K-Mart)	K-Mart	Duval
19	FL0032395	Fleetwood Mobile Home Park	Fleetwood Mobile Home Park	Duval
21	FL0033090	Property Planning, Inc.	Oaks of Atlantic Beach MHP	Duval
22	FL0033154	Oaks Lane Building	Oaks Lane Building	Duval
23	FL0033260	Fl. Dept. of Health and Rehab Serv.	Fl. Dept. of Health & Rehab Serv.	Duval
24	FL0033391	Derby House Restaurant	Derby House Restaurant	Duval
25	FL0033405	Produce Terminal of Jacksonville	Produce Terminal of Jacksonville	Duval
26	FL0033421	Rogers, Towers, Bailey, Jones & Cay	River Park Apartments	Duval
27	FL0033553	Ortega Utility Company	Blanding System WWTP	Duval
28	FL0034479	Manna Provision Company	Manna Provisions	Duval
30	FL0034606	Phillips Pipe Line Company	Jacksonville Terminal	Duval
31	FL0020907	City of Bunnell	City of Bunnell	Flagler
32	FL0039519	Picnickers Campground	Singing Surf Campground	Flagler
33	FL0039756	Ocean City Utilities, Inc.	Beverly Beach Utilities	Flagler
34	FL0042307	Palm Coast Utility Corporation	Palm Coast Utility Corporation	Flagler
35	FL0042838	Palm Coast Utility Corporation	Palm Coast Utility Corporation	Flagler
36	FL0021610	City of Crescent City	City of Crescent City	Putnam
37	FL0024392	Putnam County Public Schools	Browning-Pearce Elementary School	Putnam
38	FL0025097	Putnam County Public Schools	Crescent City Junior-Senior High	Putnam
39	FL0028525	EPK Clay Division	The Feldspar Corporation	Putnam
40	FL0031755	Tri-County Water Conditioning, Inc	Tri-County Water Conditioning	Putnam
41	FL0032166	Florida Power and Light Corporation	Putnam Steam Power Plant	Putnam
42	FL0037176	Purity Utilities, Incorporated	Sportsman's Harbour STP	Putnam
43	FL0037800	Montco Research Products	Montco Research Products	Putnam
44	FL0041319	Price Brothers Company	Palaka Pressure Pipe	Putnam
45	FL0041777	River Park Utility Management, Inc.	River Park Mobile Court STP	Putnam
46	FL0042617	Point Buena Vista MHP	Point Buena Vista MHP	Putnam
47	FL0043052	Putnam Correctional Institution	Putnam Correctional Institution	Putnam
48	FL0043176	Paradise Point		Putnam
49	FL0040061	City of Palatka	City of Palatka	Putnam
50	FL0036498	Seminole Electric Co-Op, Inc.	Seminole Electric Co-Op, Inc.	Putnam
51	FL0001031	Jacksonville Electric Authority	Northside Generating Station	Duval
52	FL0001023	Jacksonville Electric Authority	Kennedy Generating Station	Duval
	FL0001015	Jacksonville Electric Authority	Southside Generating Station	Duval
	FL0002763	Georgia-Pacific Corporation	Georgia-Pacific Corporation	Putnam

Page No. 2
01/07/93

Facility List by Code

Code Permit Number	Company Name	Facility Name	County
55 FL0037869	Jacksonville Electric Co-Op	St. Johns River Power Park	Duval
56 FL0031232	Key Houston	Bellinger Shipyard	Duval
57			

**Record Keeping Procedures
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IS THIS MEETING NECESSARY?

Record Keeping Procedures - Page 1

Yes, very necessary and important that you understand why everyone is required to attend.

Records management is important to the EPA because it is the systematic process of preserving and protecting the records, the history and mission of the agency. Without a process of organizing, maintaining, filing, removing inactive records and storing them for safe keeping, the agency would lose the ability to recreate its decisions and actions for the future.

WHY IS "RECORDS MANAGEMENT" SO IMPORTANT NOW, WE WERE NEVER CONCERNED WITH IT BEFORE?

The EPA has always been involved in meeting Federal Requirements for Records Management activities both on a national and a regional level. However, in 1990, a review of EPA and regional records management efforts determined that as an agency and a region we needed to become more aggressive in our efforts to meet federal legislation. Before 1990, the EPA had certain rules and regulations that pertained to Records Management for use throughout the agency. But, at that time there were more critical issues to address such as environmental cleanup and developing and running the various programs of the agency. Today the problems of storing, retrieving and maintaining the growing volume of records and information developed by the Agency necessitate a more aggressive approach.

BUT I DON'T HAVE A PROBLEM WITH RECORDS?

You may not, and for that you are very fortunate. Others though are not as fortunate, they have mountains in paper and electronic records and their records volume is growing at an alarming rate. For example, did you know that as of May of 1992, it was estimated that here in Region 4, we had 22,939 cubic feet of records under our control. That equals 57,347,500 pages of paper records for a weight of 401.4 tons of paper. This would be roughly equal to a line of paper 10,861 miles long. This would be a line of paper records 1 1/2 times across the United States. How does one find a document out of 57 million plus pages.

Out of this 57 million plus pages, only 2 to 5 % are considered to be valuable enough to be considered permanent. But which ones are they and how do we protect them, how do you store something that is permanent. For that matter how long is permanent? By one definition, a permanent record is a record of enduring historical value that documents an action or activity which has an impact on this country's future, its past, or its direction. Permanent means not 50, not 100, not even 300 years but forever.

Let's look at this problem another way. If we take the average

January 21, 1993

weight of a person as 140 lbs, we have the weight of 5734.7 employees in paper records. Yet only 10% of these are really vital to the Agency to keep, and or protect. If only 2-5% of our records are permanent and only 10 % are vital to the agency, what do we do with the remaining 85 to 90% or the 51,612,750 pages of paper? This is the task of Records Management.

Our purpose is to advise and assist you in the process of protecting your active, inactive, vital, and historically permanent files. We will assist you in the process of filing, and retrieving agency files so that they do not become lost or misplaced. But we can not do this alone. We must have your help just as you must have our help. Together we can meet your needs and the legal requirements of the agency.

Yes, Records Management is important for each of us to address in our own functions and jobs. Each division may have a different need or requirement for keeping records but we have to address the issues as a whole but with individual differences.

WHAT ARE SOME OF THESE DIFFERENCES YOU MENTIONED?

Well, for one there are over 2400 federal regulations governing the retention of records. Which ones apply to the records in your individual section, or branch. Which filing system is the best for your needs and which type of filing equipment will best meet your active storage needs. Where can you store your inactive records and how can you get to them quickly and effectively? How do you file and maintain your records to meet Federal requirements of particular legislation in your area? These are but some of the issues and concerns that we address.

Today before you leave we will cover these and other issues that directly address your particular program needs. We will address the issues of legal requirements of records retention. Which records to keep and for how long. How to file and maintain active and inactive records. What type of filing system best fits your program area how to store and retrieve 57 million pages of paper and be able to retrieve any one of them.

In addition, we will cover what is a Federal Record, what is not, what are microforms, what are the EPA's requirements on keeping records, and what to do to meet the legal requirements for records retention. We will cover where to go to find information that you need on records management, how to protect agency vital records, and what are electronic records.

We will also explain how we will be able to find one single page or record out of the 57 million plus pages of records in Region 4, and we can do it in 5 minutes or less.

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BUT I AM ONLY INTERESTED IN KNOWING HOW TO STORE MY OLD RECORDS?

In order to store your old records, you will need to know how the whole program effort works. Without a good understanding of the whole program, you may get very frustrated in your efforts to establish appropriate record systems and still meet retention requirements for your old records. And when an audit is conducted on your records by GSA or NARA, you will have the understanding the Agency's records management program and be able to comply with Federal requirements for records management.

Here in Region 4, records that were created in the late seventies or early eighties, were not always clearly identified or properly stored. As a result, some of them have been misfiled, mislabeled, or simply destroyed by mistake. This may have been due to the resources available to store and retrieve records or simply to not knowing the process of how or where to store inactive records, or not knowing what to keep and what to throw away. Today, we are required to comply with numerous legislative mandates on what information we must keep and for how long, who has access to it and within what time frame. Today records management is a priority that must be addressed and the day to day responsibility for its success lies with you.

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RECORDS ASSESSMENT COLLECTED MAY 1992

How Many Records Does Region IV Have?

22,939 Cubic Feet

FACTS:

2,500 Pages = 1 Cubic Foot

1 Cubic Foot = 35 Pounds

22,939 Cubic Feet X 35 Pounds = 401.4 TONS

An average person weighs 140 pounds.

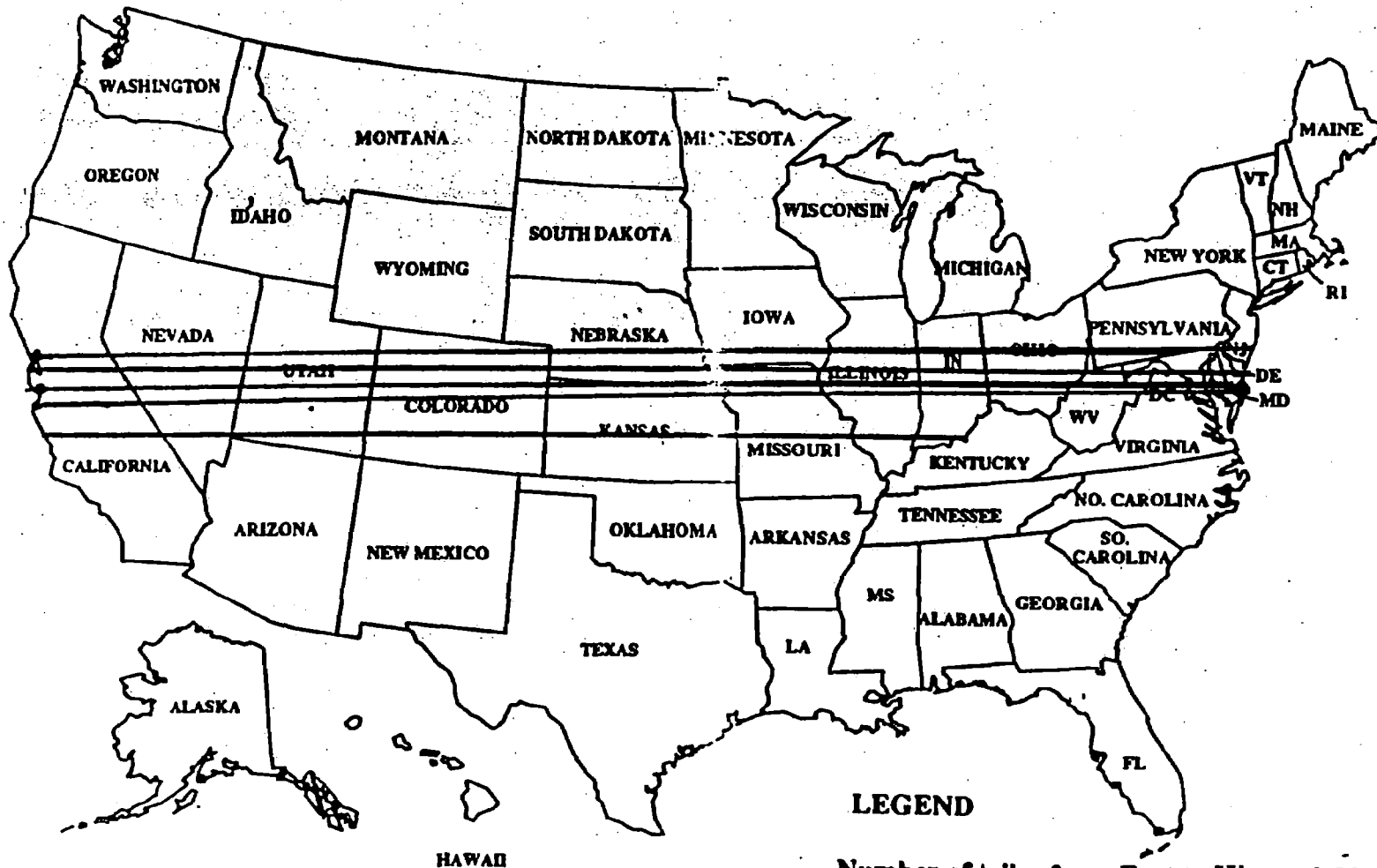
There are 1000 E.P.A. employees at Region IV.(estimated)

E.P.A. Region IV has the weight of 5734.7 employees in PAPER.

OR

57,347,500 Pages of Paper of which ONLY 3 to 5 Percent are Permanent.

RECORDS PRODUCED AT E.P.A. REGION IV



LEGEND

Number of miles from East to West = 2,807
 Volume of Records at Region IV = 10,861 miles
 — = 4.86 times across the United States

YOUR LEGAL RESPONSIBILITIES FOR RECORDS MANAGEMENT

As a Federal employee, you have important responsibilities for EPA's records and its records management program. There are specific legal responsibilities which require your direct involvement. In addition, there are agency directives, that may not be familiar to you, but provide guidance and direction for you to accomplish these responsibilities.

This summary is intended to provide you with an overview and not the details of the legal issues of records management. Four laws primarily govern Federal records management activities for all Federal agencies. The Federal Records Act of 1950, as amended, and the Paperwork Reduction Act of 1980 establish the basis, the responsibilities, and the activities for records management in Federal Agencies. They also set the oversight responsibilities for the National Archives and Records Administration (NARA) and the General Services Administration (GSA). The Paperwork Reduction Act makes records management a part of a broader program of Federal information resources management and identifies certain responsibilities for all Federal Agencies.

The Freedom of Information Act and Right to Privacy Act provide for access to and protection of information and records produced, held, or maintained by Federal Agencies. I am sure you have all heard details of these two laws but you may not have realized their impact. For example, did you know, that these laws have had the greatest impact on the way the entire Federal government addresses the issues of how and what records we keep. No single piece of legislation has affected such a broad range of governmental services and practices as the Freedom of Information Act. With the increased use of technology in governmental offices, the right to privacy takes on a whole new spectrum of issues and concerns for the Federal employee. Now you must be concerned with the electronic record, its content as well as the printed one

Both NARA and GSA issue regulations to provide guidance for implementing agency responsibilities under these laws. Based on the statutes mentioned above, we are required to :

- * create and preserve Federal records containing adequate and proper documentation of the organization, functions, policies, decisions, procedures, and essential transactions of the agency, and records necessary to protect the legal and financial rights of the government and of persons directly affected by the agency's activities.
- * establish and maintain an active, continuing program for the economical and efficient management of the records of the agency.

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- * cooperate with NARA and GSA in applying standards, procedures, and techniques to improve the management of records: promote the maintenance of those records for continuing value: and facilitate the segregation and disposal of temporary records.
- * establish effective management controls over the creation, maintenance, and use of Federal records.
- * submit lists and schedules of Federal records proposed for disposal to NARA.
- * comply with the provisions of all records retention schedules approved and issued by NARA.
- * destroy Federal records only with the approval of NARA and in accordance with established procedures.
- * establish safeguards against the unauthorized removal or destruction of Federal records and notify NARA if such loss, removal, or destruction occurs.
- * comply with Federal requirements to transfer records over thirty (30) years old
- * comply with all laws, regulations, policies and procedures issued by NARA or GSA on records management.

There are 12 separate legal statutes requiring Federal agencies to comply with and perform records management functions. In addition there are over 2400 records retention requirements which address what records we keep and for how long. Even the Office of the President is not immune to practicing safe records keeping. Look at some to the cases in which records management became a national issue. There was the missing minutes in President Nixon's tapes, Watergate files, Oliver North's files, Bank of Commerce and Credit, the Iran Arms scandal, U.S. House of Representatives post office scandal, and the bouncing checks from the house bank. There are many other cases in which records are the first place someone looks or requests when something or someone is being investigated.

More close to home are the requirements issued by the EPA agency-wide and the directives, policies and procedures issued by Region 4. There is a complete series of publications issued by the agency and the region addressing Records Management as a program support effort and the compliance requirements that accompany these mandates. We have included in this manual a listing of the laws, directives, and policies for your reference. If you would like to have a complete set for your use, please contact the Agency Records Management Officer.

Now how does this affect you? This is what we are here today to discuss and explain. We hope to have fun while we go through the

exercises because our subject is not a glamorous one. But more importantly, we hope you receive the information you need to make your job easier and can eliminate one source of stress.

The National Archives and Records Administration agency is empowered to conduct periodic audits of other Federal Agencies records management efforts. Therefore, this training effort will focus on how to establish the appropriate filing system for your administrative records, program records and the retention period for each. We will cover active and inactive records management practices and the EPA policies of each. We will cover what records to retain and how, where, and when. In other words, we will cover the What, the Why, the When, the Where, the Who and the How of Records Management for EPA Region 4.

In the event your program area is involved in a visit by representatives from NARA, you will know that your records and files are in order and that you are in compliance with agency operations. You can feel secure that the records produced by your office will be safely stored, maintained and can be easily and quickly retrieved. This effort will be as effective as your participation and effort. We can only train and provide assistance to you. You are the front line on protecting and preserving Federal records.

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Federal Laws and Regulations
Governing Records Management in Federal Agencies

- a. Federal Records Act of 1950, as amended 1976,
(44 U.S.C.2901-2909; 3101-3107; and 44 U.S.C. 3301-3314)
- b. 18 U.S.C. Chapter 101-Penalties for concealment and
removal of records.
- c. Paperwork Reduction Act of 1980. (44 U.S.C. CH 35).
- d. National Archives and Records Administration
Regulations.36 CFR, Chapter XII, Subpart B.
- e. GSA Regulations. 41 CFR 201.
- f. OMB Circular A-130, Management of Federal Information
Resources.
- g. Executive Order 12656, Assignment of Emergency
Preparedness Responsibilities.
- h. Delegation No. 1-46. Records Management (1200 TN 95/
3/26/84).
- i. EPA Order 88-1 (9/12/88) Safeguarding and Disposition
of Official Records.
- j. EPA Order 1000.5C. General-Policy/Administrative Support
to Field Activities.
- k. The Freedom of Information Act of 1986 as amended.
- l. The Privacy Act of 1974.

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EPA REGION IV

**RECORDS MANAGEMENT DEPARTMENT
Labat-Anderson, Inc.**

DEFINITIONS

1. What is a record?

According to the National Archives and Records Administration, a record, in general terms, is "any recorded information relating to the work of your office - regardless of who created it or how the information was recorded.

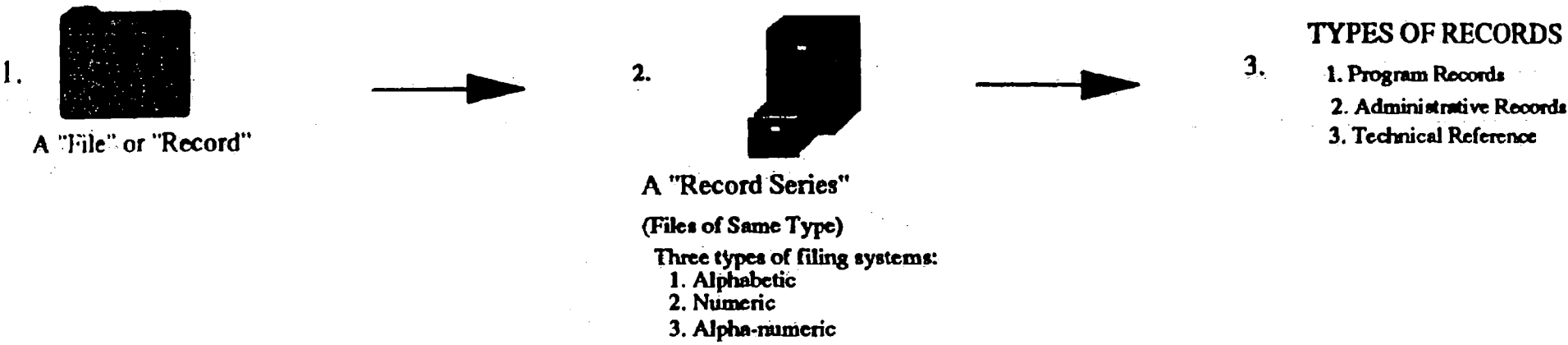
Most records are paper documents, such as letters, completed forms, memos, directives, and reports. However, records also appear in other forms such as photographs, maps, microfilm, motion pictures, sound recordings, and computer tapes or disks."

2. Why should you keep your records?

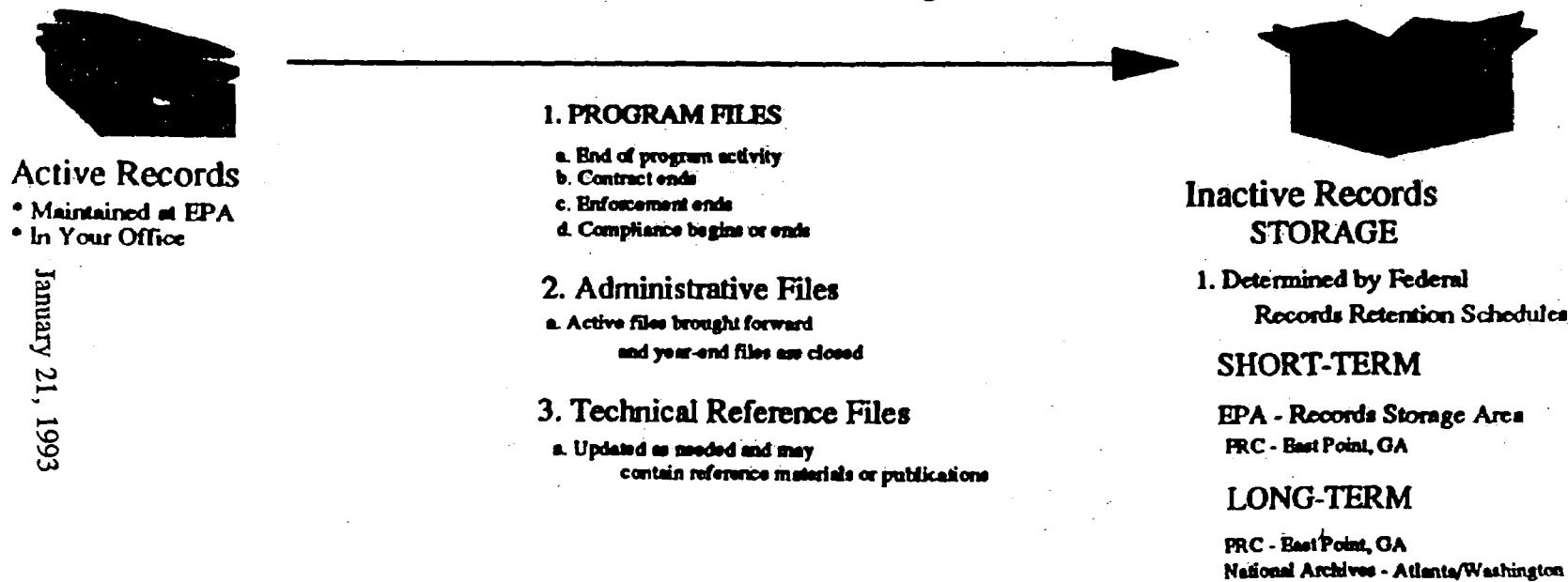
- a. It makes sense. Good record-keeping provides easier access to records, allows you to better protect public information, and helps the federal government spend money wisely by keeping accurate records which can be found quickly.
- b. It's the law. There are 12 laws that govern the keeping of federal records, including the Paperwork Reduction Act, the Freedom of Information Act, and the Privacy Act, all of which were created to ensure the integrity and proper dispositioning of federal records, whether the records reside at the Environmental Protection Agency, the Internal Revenue Service, or the Department of Defense, under these laws, there are also the National Archives and Records Administration, and the General Schedules Agency regulations.

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MANAGING RECORDS



Records become Inactive Through Some Action:



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RECORD TRANSFER INVENTORY FORM

EPA Region IV

[illegible]

GENERAL GUIDELINES ON HANDLING CBI

1. NOTIFICATION OF CONFIDENTIAL TREATMENT TO BUSINESS
 - A. CONFIDENTIAL IF SO STATED BY COMPANY
 - B. NOT EXEMPT FROM FOIA IF NOT CLAIMED AS CONFIDENTIAL (BEST TO CHECK WITH THE LEGAL STAFF)
 - C. MATERIAL SUBMITTED MUST BE IDENTIFIED BY STAMP, MEMO, FORM, OR OTHER SUITABLE NOTIFICATION.
2. ALL EMPLOYEES, INCLUDING CONTRACT REPRESENTATIVES MUST BE INFORMED AND TRAINED ON HANDLING OF CBI.
3. DESTRUCTION OF CBI WILL BE IN ACCORDANCE WITH FEDERAL RETENTION INSTRUCTIONS ISSUED BY NARA AND GSA.
4. CBI MATERIAL WILL NOT BE REMOVED FROM AGENCY PREMISES WITHOUT WRITTEN PERMISSION FROM THE AGENCY.
5. ALL CBI WILL BE IDENTIFIED AND FILED ACCORDING TO THE REGIONAL DIRECTIVE INSTRUCTIONS AND PROCEDURES.
6. ELECTRONIC RECORDS CONTAINING CBI WILL BE HANDLED IN THE SAME MANNER AS HARDCOPY RECORDS.
7. THERE ARE NO PERSONAL OR PRIVATE RECORDS IN THE FEDERAL GOVERNMENT. THEY ALL BELONG TO THE GOVERNMENT AND TO THE PEOPLE.
8. ACCESS AND USE OF CBI MATERIAL IS EVERYONE'S RESPONSIBILITY. BUT ONLY VERY LIMITED RECORDS ARE CONSIDERED CBI.
 - A. PRIVACY RECORDS HANDLED DIFFERENTLY
 - B. FOIA EXEMPT RECORDS HANDLED DIFFERENTLY
 - C. CASE SENSITIVE RECORDS HANDLED DIFFERENTLY
 - D. ATTORNEY-CLIENT RECORDS HANDLED DIFFERENTLY

SEE THE APPROPRIATE LEGAL STAFF FOR THEIR INTERPRETATION OF HOW TO HANDLE THESE RECORDS.

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SAMPLE

U.S. ENVIRONMENTAL PROTECTION AGENCY—RECORDS CONTROL SCHEDULES

TITLE OF SCHEDULE
WATER PROGRAM RECORDS

COVERAGE OF SCHEDULE
REGIONAL OFFICES

- | ITEM NO. | NAME AND DESCRIPTION OF RECORD/FILE |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | <u>Program Management File.</u> Contains information relating to all phases of program management and planning for the water planning programs. Records include policy and procedure documents, legislative reference materials, program planning reports, budget materials, and other related records. |
| 2. | <u>Continuing Environmental Program Support Agreements and Waste Water Construction Grant Agreements Administered by Regional Offices.</u> These types of agreements are covered by the Assistance Agreement Files Records Control Schedule in Appendix B, Schedule 4, item 2 b. and c. Note: this includes all agreements administered by your Program. |
| 3. | <u>Wild and Scenic Rivers Studies File.</u> Contains documents used in making recommendations concerning classification of wild and scenic rivers. Records consist of studies of the rivers and reports recommending classification. |
| 4. | <u>Section 102(b) Studies File.</u> Contains documents relating to water quality storage in Federal reservoirs, under Section 102(b) of the Federal Water Pollution Control Act, as amended. Records used as basis for recommending water quality storage in Federal reservoir projects. Federal agencies include Corps of Engineers, Soil Conservation Service, Federal Power Commission. Records consist of technical reports and supporting data and related correspondence. Note: This program has been phased out. |
| 5. | <u>Section 303(e) Basic Planning File.</u> Contains records related to the development of river basin plans submitted by State planning agencies and reviewed and approved by the Regional offices under Section 303(3) of the Federal Water Pollution Control Act, as amended. Records consist of technical reports such as waste load allocations, recommendations for basin-wide abatement program, copies of final basin plans, and related correspondence. |

- | RETENTION PERIOD AND DISPOSITION |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>Retention:</u> Retain 10 years.

<u>Disposition:</u> Break file at end of 2 years. Keep in office 2 years, then transfer to the FRC. Destroy when 10 years old. |
| <u>Retention:</u> See Records Control Schedule No. 4 item b. and c. in Appendix B. |
| <u>Retention:</u> Permanent.

<u>Disposition:</u> Break file upon completion of Regional study and classification. Keep in office 5 years, then transfer to the FRC. Keep in FRC 5 years, then offer to the Regional Archives. |
| <u>Retention:</u> Retain 20 years.

<u>Disposition:</u> Break file upon completion of studies and recommendations. Keep in office 10 years, then transfer to the FRC. Destroy when 20 years old. |
| <u>Retention:</u> Retain 7 years.

<u>Disposition:</u> Break file when plans are revised or superseded. Keep in office 3 years, then transfer to the FRC. Destroy when 7 years old. |

RECORDS MANAGEMENT MANUAL

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SAM de

U.S. ENVIRONMENTAL PROTECTION AGENCY—RECORDS CONTROL SCHEDULES		SCHED. NO.
TITLE OF SCHEDULE ASSISTANCE AND INTERAGENCY AGREEMENT RECORDS		OVERALL OF SCHEDULE AGENCYWIDE
ITEM NO.	NAME AND DESCRIPTION OF RECORD/FILE	RETENTION PERIOD AND DISPOSITION
	<p>b. <u>Continuing Environmental Program Support Agreements.</u> Agreements administered by Regional Offices.</p>	<p><u>Disposition:</u></p> <p>a. <u>Paper Records.</u> Keep in office until conversion to microform has been completed and microform is verified for completeness, then destroy.</p> <p>b. <u>Microform Copy (Official Record Copy).</u> Break file immediately after closeout of the agreement, then transfer to the FRC. Destroy when 4 years old.</p> <p>c. <u>Other Microform Copies.</u> Destroy when no longer needed.</p> <p><u>PAPER RECORD SYSTEM</u></p> <p><u>Retention:</u> Retain 4 years.</p> <p><u>Disposition:</u> Break file immediately after closeout of the agreement, then transfer to the FRC. Destroy when 4 years old.</p> <p><u>MICROGRAPHIC RECORD SYSTEM</u></p> <p><u>Retention:</u></p> <p>a. <u>Paper Records.</u> Retain until conversion to microform has been completed.</p> <p>b. <u>Microform Copy (Official Record Copy).</u> Retain 4 years.</p> <p><u>Disposition:</u></p> <p>a. <u>Paper Records.</u> Keep in office until conversion to microform has been completed and microform is verified for completeness, then destroy.</p> <p>b. <u>Microform Copy (Official Record Copy).</u> Break file immediately after closeout of the agreement, then transfer to the FRC. Destroy when 4 years old.</p> <p>c. <u>Other Microform Copies.</u> Destroy when no longer needed.</p>

HOW TO TRANSFER RECORDS TO STORAGE

PURPOSE:

The following information will help you prepare records for storage either in the Federal Records Center or to short term temporary storage.

DEFINITIONS:

Records: Documentary materials, regardless of physical form, that are made or received by an agency of the United States Government under Federal Law or in connection with the transaction of public business and which must be preserved or protected as evidence of agency activities or because of the value of the information they contain.

Material not considered a government record includes, technical reference material, convenience copies for reference, form, and public information material.

All government records are classified as either permanent or temporary. However, only a very small percentage are permanent. (Less than 5% of all government records are considered permanent.)

Federal Records Center: The government facility for storage of inactive records. For Region 4, the facility is located in East Point, Ga.

Record Control Schedule:s: The amount of time a type of record is stored. All government records must be put on a retention schedule with disposal control authority and the number of years of retention identified. Program records are scheduled in the EPA Regional and Agency wide schedules, and Administrative type records follow the General Records Schedules which apply for all Federal Agencies.

RESPONSIBILITIES AND ACTIONS:

RESPONSIBILITY

Person transferring records

ACTION REQUIRED

Identify records to be transferred for storage. Group records of the same type and year together.

Get the records transfer boxes, forms, and records transfer kit from Records Management. Call Records Management and ask for the records transfer kit.

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HOW TO TRANSFER RECORDS (CONT)

Assemble the boxes by folding the end flaps down then the side flaps and taping the bottom seam with the tape provided in the records transfer kit. Tape the side no more than 2 inches. Use a broad tip "magic marker" to write box number on the front of the box. (The front of the box is the one opposite the stapled end.)

Place the records in the box from front to back. Make sure to remove all plastic binders, rubber bands, label protectors, etc. Take records out of notebooks and file pockets.

PLEASE NOTE:

DO NOT STACK FILE ON TOP OF EACH OTHER. THIS WILL MAKE IT EXTREMELY DIFFICULT OF LOCATE A DOCUMENT IF YOU HAVE TO LOOK FOR ONE. MAKE SURE FILE LABELS CAN BE EASILY READ FOR YOUR CONVENIENCE.

Complete a records storage inventory sheet for the contents of each box using complete words not abbreviations, or acronyms. Pack boxes containing only those records of the same type and year. Do not mix records or years in the same box.

Make 3 copies of the records inventory sheet. Place 1 copy in the box on top, keep one copy for your office, and send 1 copy with the Request for Records Transfer (SF 135).

Call Records Management for assistance, and to pick up January 21, 1993 records for storage.

HOW TO TRANSFER RECORDS (CONT)

Records Management

Reviews the SF 135 for

completeness and accuracy,
and
reviews for correct
Federal

Records

Retention schedule

A s s i s t s a n d c o o r d i n a t e s
the transfer of records for storage to the Federal Records
Center or to temporary storage.

Federal Records Center

Schedules records to be
received for storage and
determines location within
their facility for storage.
Sends form back to Records
Management for processing and
shipping of records.

Records Management

Coordinates or ships records
Upon receipt of completed SF135
sends copy to office
transferring records and
maintains copy for Records
Management files.

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HOW TO RETRIEVE RECORDS FROM STORAGE

PURPOSE:

The following information will assist you in retrieving records that have been transferred to off-site storage areas. The agency use two locations for storage of records. Inactive records which are required to be stored are sent to the Federal Records Center in East Point, Ga. Procedures for retrieval are issued by the FRC for all Federal agencies. Records that are still active in scope but not closed or require short term storage requirements are stored in an off-site Records Storage Center.

DEFINITIONS:

Records are documentary materials, regardless of its physical form, that are made or received by an agency of the United States Government under Federal Law or in connection with the transaction of public business and which must be preserved or protected as evidence of agency activities or because of the value of the information they contain.

Material not considered a government record includes, technical reference material, convenience copies for reference, form, and public information material.

All government records are classified as either permanent or temporary. However, only a very small percentage are permanent. (Less than 5% of all government records are considered permanent.)

Federal Records Center is the government facility for storage of inactive records. For Region 4 the facility is located in East Point, Ga.

Record Control Schedules is the amount of time a type of record is stored. All government records must be put on a retention schedule with disposal control authority and the number of years of retention identified. Program records are scheduled in the EPA Regional and Agencywide schedules, and Administrative type records follow the General Records Schedules which apply for all Federal Agencies.

RESPONSIBILITIES AND ACTIONS:

Records transferred to the Federal Records Center or to Off-Site Records Storage may be returned by interoffice mail, by special courier, in person or the necessary information may be obtained by telephone. The requestor may request a single file, a file folder, a set of files, a box or a series of boxes as needed. The procedure is as follows:

January 21, 1993

A. RETRIEVING RECORDS FROM THE FEDERAL RECORDS CENTER.

RESPONSIBILITY

Person retrieving records

ACTION REQUIRED

Identify records to be retrieved from Federal Records Center. Identify records by their complete name and year.

Complete form OF11 giving the required information requested on the form. Specify means of returning records to you, ie. U.S.Mail, Courier, UPS, or pick-up.

Federal Records Center

Retrieves record(s) and returns them to requestor. Identifies on files that record(s) were pulled and sent to requestor.

B. RETRIEVING RECORDS FROM OFF-SITE STORAGE

Requestor

Identify records to be retrieved from storage by looking at the records inventory sheets. Call Records Management, and advise which record(s) are to be returned, give the location and name of the record(s) you want returned, and tell how you want them returned to you. (By courier, in person, by telephone, by fax, or make a copy and send copy, etc.)

Records Management

Pulls record(s) and places a record check-out notice on file identifying which record was pulled and returned to requestor. Returns record(s) to requestor as requested. Follows up to make sure that requestor received record(s).

Places file check-out notice in record that record(s) was checked out, to whom it was check out, and date. Follows

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up every ten days that requestor has record(s) and is responsible for them.

Requestor

Returns record(s) to Off-Site Storage when request is complete.

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XI. Filing Standards

A. Compliance Files

1. definition - Compliance files are records that pertain to the compliance status of a facility subject to NPDES regulations. Such records include: correspondence from the facility, EPA, other regulated agencies or other parties; inspection reports; self monitoring reports (DMRs); other reports related to pretreatment or toxicity; internal memos, record of communications, privileged information; and a copy of the NPDES permit and administrative actions.

2. file organization - The Florida files are physically located near each unit area and are sorted in NPDES numeric order. Within each compliance file, records are segregated by calendar year. Files are retained for five (5) years. The permit and administrative actions (ie, AO and APO) are retained during the life of the permit. Separately, if warranted, there is a separate "pretreatment" folder and a "toxicity" folder.

Currently, the "pretreatment" files are in six (6) parts:

- 1 - incoming correspondence
- 2 - EPA correspondence
- 3 - annual reports
- 4 - inspections and audits
- 5 - miscellaneous (PCS forms, NPDES info, notes, etc.)
- 6 - telephone records

The "toxicity" files are in six (6) parts:

- 1 - permit
- 2 - enforcement actions
- 3 -
- 4 - correspondence

- 5 - cover letter on reports
- 6 - lab reports

3. **purging** - Records (not related to judicial actions) are purged after five (5) years. Therefore, 1987 records are disposed (discarded) after January 1993.

4. **archiving** - Records are not currently archived. When compliance files are inactivated, ie., facility ceases to require an NPDES permit, the files are retained in the Section for five (5) years. After five (5) years, the files are disposed. Any confidential material should be destroyed (not recycled).

B. Judicial Action Enforcement Files

1. **definition** - Judicial Action Enforcement files are all records that pertain to the compliance status of a facility subject to a Consent Decree (or Court Decision). This includes records pertaining to the violations and the enforcement case, DMRs, 308s, show cause letters, other correspondence directly related to the case, privileged information, etc.

2. **organization** - The Enforcement files are segregated by calendar year.

3. **purging** - During the active life of the Consent Decree, all records remain. No records are purged.

4. **archiving** - After the case is closed, ie., the Consent Decree is terminated, the records remain in the Section for two (2) years. After two (2) years, the records are sent to the Federal Record Center (FRC). The total life of an enforcement file after closure is twenty (20) years. If the case is determined to

January 21, 1993

be a landmark case, the records are permanent.

C. State Overview Files

- 1. definition** - Each unit is responsible for overview of one to two states and maintains files for all NPDES major facilities in its state. Records include: copy of the NPDES permit; any state action; inspection reports; correspondence pertinent to the facility.
- 2. organization** - Overview files are in NPDES numeric order and are physically located near each unit. Generally, information received from the state are infrequent and do not warrant segregation by calendar year.
- 3. purging** - Overview files are purged at the discretion of the Section. These are not considered Federal Records, but are required by HQ.
- 4. archiving** - Overview files are not currently being archived.

XII. CBI (and Privacy Act) Files

A. Treatment

Any information (other than effluent data) requested under Section 308 or marked as confidential or is obtained through a meeting and the request is made, it is assumed to be CBI until the Office of Regional Counsel can make the determination that the information is CBI. This is also true on Privacy Act

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material such as income tax returns obtained for enforcement purposes.

B. Location

The physical location of CBI and Privacy Act materials is in the locked room on the 7th floor Tower building north of the elevators. The files are in NPDES numeric order and are in locked file cabinets.

C. Management

The materials are given to Jennifer Morrow, compliance clerk of the KY/SC Unit to create the CBI file. The CBI files are maintained by the enforcement officer. The enforcement officer shall include in the compliance file a notation that CBI (or Privacy Act) materials are in existence.

D. Disposition

Disposition of CBI or Privacy Act materials are treated the same as Federal Records. For instance, if these materials were obtained in a referral case, retention is for twenty (20) years (see above). CBI and Privacy Act records not related to judicial actions, should be properly disposed after five (5) years. Currently, no materials are being disposed.

XIII. Enforcement Sensitive Materials

A. Definition

During the course of contemplating enforcement action any predecisional,

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deliberative documents, settlement notes, other attorney work product and client/attorney work products are considered records.

B. Treatment

All enforcement sensitive materials should be treated as any other record for the files. For FOIA requests, generally, these records are exempted and must be removed prior to release to the public. In the case of drafts and "throw aways" of enforcement sensitive materials, although not considered Federal Records, should be disposed of properly (shredded or marked for shredding, and not for recycle).



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

MEMORANDUM

DATE: June 9, 1992

SUBJECT: Confidential Business Information Files for Florida

FROM: Roger O. Pfaff, Chief *R. Pfaff*
Enforcement Section
Water Permits and Enforcement Branch
Water Management Division

TO: All Unit Chiefs
Enforcement Section
Water Permits and Enforcement Branch
Water Management Division

As part of the reorganization I have decided to maintain one master list of the Florida CBI files located in the CBI file room. This list will be maintained and available through Therese Mikalian. Please submit any CBI material to Therese and she will add the facility to the list and file the material immediately.

January 21, 1993



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY


REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

SEP 14 1992

MEMORANDUM

SUBJECT: CBI Files for Florida

FROM: Roger O. Pfaff, Chief Enforcement Section, WPEB 

TO: Unit Chiefs, Enforcement Section

Please reference my memo of June 9, 1992, (attached) on this subject. Since Therese Mikalian is leaving the Section, the CBI log will now be maintained by Jennifer Morrow. Please submit any new CBI material to her, and she will immediately file it and add it to the log.

Attachment

January 21, 1993



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

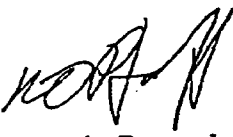
REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

MEMORANDUM

DATE: November 17, 1992

SUBJECT: Records Retention

FROM: Roger O. Pfaff, Chief 
Enforcement Section
Water Permits & Enforcement Branch

TO: Enforcement Section Unit Chiefs

In order to comply with the Regional Records Control Schedules, the following procedures are to be followed in the Enforcement Section.

1. All files are to be segregated by the calendar year the individual record was produced, so that we have separate files for each year.
2. Copies of all Administrative Orders, Administrative Penalty Orders and Consent Decrees (or Court Decisions) are to be retained permanently.
3. All other materials, not related to judicial actions, are to be retained 5 years. For example, an item created in June of 1988 should be kept until the end of 1993, then discarded.
4. For judicial actions, all related materials should be kept at least 2 years after closing of the consent decree, then sent to the Federal Records Center (FRC) to be kept for the balance of 20 years, then destroyed. For example, if you decide to keep this material for 5 years, it should be kept at the FRC for 15 years. The records to be kept include all records pertaining to the violations and the enforcement case, including DMR's, 308's, show cause letters, meeting notes, letters, calculations, etc. Basically, anything in the compliance file related to the violation is included.

January 21, 1993

**QNCR Review
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PERMIT COMPLIANCE SYSTEM
VIOLATION RECOGNITION REPORT

PAGE 4

RUN DATE: 12/17/92 BATCH ID: MAJ121092

NPDES NUMBER	DSCH I GRID M	L MONITOR END DATE	STORET -LOC -SEA -MOD	VIO EVENT CODE	QTY UNIT	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	CONC UNIT	MIN MEAS MIN LIM PCT UNDER	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	REPORTED FREQ ANAL SAMP TYPE	NO OF EXCUR
ERLY JUICE INC.													
FLO001457	0011	F 10/31/92	74055-1-0-0	E41									
					(13)		DELMON			176 ADDMON	LIMITED BUT NOT REPORTED	01/07	

January 21, 1993

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PERMIT COMPLIANCE SYST
VIOLATION RECOGNITION REPORT

RUN DATE: 12/17/92 BATCH ID: MAJ121092

NPDES NUMBER	DSCH I GRID #	L MONITOR END DATE	STORET -LOC -SEA -MOD	VIO EVENT CODE	QTY UNIT	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	CONC UNIT	MIN MEAS MIN LIM PCT UNDER	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	REPORTED FREQ ANAL SAMP TYPE	NO OF EXCUR
-----------------	------------------	--------------------------	--------------------------------	----------------------	-------------	---------------------------------	---------------------------------	--------------	----------------------------------	---------------------------------	---------------------------------	------------------------------------	----------------

ERLY JUICE INC.

FL0001457 0011 F 10/31/92 74055-1-0-0 E41

"Quantity Side"

DELMON

176 LIMITED
ADDN BUT NOT
REPORTED

01/07

Violation Code (MVID) (SEE TABLE 3)

Modification No. (VMOD)

Season No. (VSEA)

Monitoring Location Code (VMLD) (SEE TABLE 2)

Parameter Code (VPRM) (SEE TABLE 1)

Monitoring Period End Date (MVDT)

Limit Type (VLIM) (INITIAL/INTERIM/FINAL)

Outfall No. (VDSG)

NPDES No. (NPID)

Facility Name (FNMS)

January 21, 1993

CONC UNIT	MIN MEAS MIN LIM PCT UNDER	AVG MEAS AVG LIM PCT OVER	MAX MEAS MAX LIM PCT OVER	REPORTED FREQ ANAL SAMP TYPE	NO OF EXCUR
--------------	----------------------------------	---------------------------------	---------------------------------	------------------------------------	----------------

(13)

DELMON

176 LIMITED
ADDN BUT NOT
REPORTED

01/07

INCOMPLETE/
DEFICIENT
REPORT

(19)

DELMON

16.0
15.0
7%

31.0
45.0

01/07

PERMIT
LIMIT

REPORTED
VALUE

PERCENT
VIOLATION

QNCR Review - Page 2

01/13/93

PAGE: 1

ENFORCEMENT ACTIONS AND COMPLIANCE SCHEDULES
CSM407ALPHA

QL ***** QL

NPID	FNMS	MADI	RDF9	CNTN							
ENAC	ERAC	ENDT	ERFN	ENST	ESDT						
CSCH	DSCD	EVNT	EVNT	DTSC	DTAC	COMM	CSFN	RDC2			
FLO002801	ADAMS PACKING	AUBURNDALE	M	ERM	POLK						
NPDES No. (NPID)	FACILITY NAME (FNMS)	MAJOR INDICATOR (MADI)	COMPLIANCE UNIT + COMPL. OFF. (RDF9)	COUNTY (CNTN)							

January 21, 1993

01/13/93

PAGE: 1

ENFORCEMENT ACTIONS AND COMPLIANCE SCHEDULES

CSM407ALPHA

QL ***** QL

NPID	FNMS	HADI	RDF9	CNTN	ENAC	ENAC	ENDT	ERFN	ENST	ESDT	CSCH	DSCD	EVNT	EVNT	DTSC	DTAC	COMM	CSFN	RDC2
FLO002801	ADAMS-PACKING-AUBURNDALE				15	SECTION 308 LETTER	08/23/90	ERM	POLK	NC	08/23/90								

ENFORCEMENT ACTION
TYPE (ENAC)
(SEE TABLE 4)

DATE ENFORCEMENT
ACTION ISSUED
(ENDT)

DOCKET NO.
(ERFN)

ENFORCEMENT
STATUS (ENST) (SEE TABLE 5)
(NOT THE SAME AS VIOLATION
STATUS FROM QNCR)

STATUS DATE (ESDT)

January 21, 1993

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01/13/93

ENFORCEMENT ACTIONS AND COMPLIANCE SCHEDULES
CSH407ALPHA

PAGE: 1

QL ***** QL

NPID	FNMS	MADI	RDF9	CNTN	ENAC	ENAC	ENDT	ERFN	ENST	ESDT	CSCH	DSCD	EVNT	EVNT	DTSC	DTAC	COMM	CSFN	RDC2
------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------

FLO002801	ADAMS-PACKING AUBURNDALE	M	ERM	POLK	NC	08/23/90													
15	SECTION 308 LETTER		08/23/90																
DA	FACA 00099		SCHEDULE DESCRIPTION			06/25/82	82-14	INACTIVATE											

COMPLIANCE
SCHEDULE
CODE (CSCH)
(SEE TABLE 6)

EVENT
CODE
(EVNT)

DATA SOURCE
CODE (DSCD)

SCHEDULED
DATE (DTSC)

ACTUAL
DATE (DTAC)

COMMENTS (30 CHAR.)
(COMM)

POCKET NO.
(CSFN)
(FOR MATCHING
SCHEDULES + ENF.
ACTIONS)

January 21, 1993

DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT. **_QNCR **

PAGE 5

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

MUNICIPALS

NAME
LOCATION
NPDES NUMBER GRANT LIMIT VIOLATION ENFORCEMENT STATUS
INSTANCE OF NONCOMPLIANCE RNC DATE ENFORCEMENT ACTION DATE STATUS DATE COMMENTS

JAX MANDARIN STP # 5 RESOLVED
JACKSONVILLE
FLO023493 ***FINAL***

FIRST MONITORING REPORT

02 RPT 08/01/92

RE 09/01/92 3D REPORT OVERDUE

January 21, 1993

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IF THIS IS THE "RESOLVED PENDING" SECTION, THE WORDS
RESOLVED PENDING APPEAR HERE

DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT: **QNCR**

PAGE 5

MUNICIPAL/NON-MUNICIPAL

MUNICIPALS FEDERAL

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

DATES COVERED
BY REPORT

NAME
LOCATION
NPDES NUMBER GRANT LIMIT
INSTANCE OF NONCOMPLIANCE

VIOLATION
RNC DATE ENFORCEMENT ACTION

ENFORCEMENT
DATE STATUS DATE

STATUS
DATE COMMENTS

RESOLVED FACILITY STATUS (FROM CYBS/CYMS) (SEE TABLE 9)

FINAL CAPABLE OF MEETING FINAL LIMITS

JAX MANDARIN STP # 5
JACKSONVILLE
FLO023493

FIRST MONITORING REPORT

02

RPT 08/01/92

RE 09/01/92 3D REPORT OVERDUE

EVENT (EVNT)/

(DTSC)

PARAMETER (VPRM)

DATE REPORT WAS DUE/

WHAT'S WRONG (FROM SNCC/SNCE)

VIOLATED

MONITORING PERIOD END DATE (MVDI)

CFR SECTION REFERENCE FROM 40 CFR 123.45

NPDES No. (NPID)

INSTANCE OF RNC - RPT, SCH, TRC, EFF, etc.
(FROM SNCC/SNCE) (SEE TABLE 6)

DATE THAT STATUS BECAME THE STATUS (SRDC/SRDE)

CITY (FROM CITY)

VIOLATION STATUS AS OF END DATE OF REPORT

(SRCC/SRCE)

FACILITY NAME (FNMS)

COMPLIANCE SCHEDULE CODE (CSCH)/

OUTFALL NO. (VDSC)

(SEE TABLE 7)

January 21, 1993

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DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT - ** QNCR **

PAGE 8

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

NON-MUNICIPALS

NAME

LOCATION

NPDES NUMBER GRANT LIMIT

INSTANCE OF NONCOMPLIANCE

RNC VIOLATION

DATE

ENFORCEMENT ACTION

ENFORCEMENT

STATUS

DATE STATUS DATE

COMMENTS

IMCF, INC.-LONESOME
HILLSBOROUGH COUNTY
FLO033332

RESOLVED

FINAL

ALL EFFLUENT

ADMINISTRATIVE ORDER
DOCKET NUMBER: 93-026

(EPA) 11/30/92

SOLIDS, FIXED SUSPENDED 003A EFF 08/31/92
SOLIDS, TOTAL SUSPENDED 003A TRC 06/30/92
SOLIDS, TOTAL SUSPENDED 005A TRC 06/30/92
SOLIDS, FIXED SUSPENDED 003A TRC 06/30/92
SOLIDS, FIXED SUSPENDED 005A TRC 06/30/92

RE 10/31/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION
RE 10/31/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION

***** SUMMARY SECTION *****

SOLIDS, TOTAL SUSPENDED 003A 04/30/92
SOLIDS, TOTAL SUSPENDED 005A 04/30/92
SOLIDS, FIXED SUSPENDED 003A 04/30/92
SOLIDS, FIXED SUSPENDED 005A 04/30/92

RE RESOLVED
RE RESOLVED
RE RESOLVED
RE RESOLVED

January 21, 1993

QNCR Review -- Page 8

DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT ** QNCR **

PAGE 8

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

NON-MUNICIPALS

NAME
LOCATION
NPDES NUMBER GRANT LIMIT VIOLATION ENFORCEMENT STATUS
INSTANCE OF NONCOMPLIANCE RNC DATE ENFORCEMENT ACTION DATE STATUS DATE COMMENTS

INCF, INC.-LONESOME
HILLSBOROUGH COUNTY
FL0033332

RESOLVED

FINAL

ALL EFFLUENT - VIOLATIONS ADDRESSED BY
ENFORCEMENT ACTION (EAKS)

TYPE OF ENFORCEMENT
ACTION (FROM ENAC)
ADMINISTRATIVE ORDER
DOCKET NUMBER: 93-026

(EPA) 11/30/92

DATE ENFORCEMENT
ACTION ISSUED (ENDT)

SOLIDS, FIXED SUSPENDED 003A EFF 08/31/92
SOLIDS, TOTAL SUSPENDED 003A TRC 06/30/92
SOLIDS, TOTAL SUSPENDED 005A TRC 06/30/92
SOLIDS, FIXED SUSPENDED 003A TRC 06/30/92
SOLIDS, FIXED SUSPENDED 005A TRC 06/30/92

(ERFN)

WHO ISSUED IT
(FROM EATP)

RE 10/31/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION
RE 10/31/92 2C PERMIT EFFLUENT VIOLATION
RE 09/30/92 2C PERMIT EFFLUENT VIOLATION

***** SUMMARY SECTION *****

SOLIDS, TOTAL SUSPENDED 003A 04/30/92
SOLIDS, TOTAL SUSPENDED 005A 04/30/92
SOLIDS, FIXED SUSPENDED 003A 04/30/92
SOLIDS, FIXED SUSPENDED 005A 04/30/92

RE RESOLVED
RE RESOLVED
RE RESOLVED
RE RESOLVED

"SUMMARY SECTION LINE - DIVIDES
CURRENT 6-MO. WINDOW FROM OLDER
EVENTS.

NOTE: IN SUMMARY SECTION,
MOST VIOLATION DETAILS DISAPPEAR

January 21, 1993

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DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT ** QNCR **

PAGE

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

MUNICIPALS

NAME
LOCATION
NPDES NUMBER GRANT LIMIT VIOLATION ENFORCEMENT STATUS
INSTANCE OF NONCOMPLIANCE RNC DATE ENFORCEMENT ACTION DATE STATUS DATE COMMENTS
*****APALACHICOLA, CITY OF
APALACHICOLA
FLO038857 \$ ***FINAL***

NON-COMPLIANT

NITROGEN, AMMONIA TOTAL (AS 0011 TRC 10/31/92 NC 10/31/92 2C PERMIT EFFLUENT VIOLATION
ALL EFFLUENT NPDES PENALTY AO CATEGORY(EPA) 09/30/92
DOCKET NUMBER: 92-539NITROGEN, AMMONIA TOTAL (AS 0011 TRC 09/30/92 NC 09/30/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA TOTAL (AS 0011 TRC 07/31/92 NC 07/31/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA TOTAL (AS 0011 TRC 06/30/92 NC 06/30/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA TOTAL (AS 0011 TRC 05/31/92 NC 05/31/92 2C PERMIT EFFLUENT VIOLATION

***** SUMMARY SECTION *****

ALL COMPLIANCE SCHEDULE

ADMINISTRATIVE ORDER (EPA) 08/14/91

ALL EFFLUENT

DOCKET NUMBER: 91-134

ALL NON-RECEIPTS (EPA)

ADMINISTRATIVE ORDER (EPA) 08/14/91

ALL COMPLIANCE SCHEDULE

DOCKET NUMBER: 91-134

ALL EFFLUENT

ADMINISTRATIVE ORDER (EPA) 08/14/91

ALL NON-RECEIPTS (EPA)

DOCKET NUMBER: 91-134

ALL COMPLIANCE SCHEDULE

ADMINISTRATIVE ORDER (EPA) 06/21/91

ALL EFFLUENT

DOCKET NUMBER: 91-109

ALL NON-RECEIPTS (EPA)

ADMINISTRATIVE ORDER (EPA) 06/21/91

ALL COMPLIANCE SCHEDULE

DOCKET NUMBER: 91-109

ALL EFFLUENT

ADMINISTRATIVE ORDER (EPA) 06/21/91

ALL NON-RECEIPTS (EPA)

DOCKET NUMBER: 91-109

ALL COMPLIANCE SCHEDULE

WARNING LETTER (EPA) 02/27/91

ALL EFFLUENT

WARNING LETTER (EPA) 02/27/91

WARNING LETTER (EPA) 02/27/91

309(A)(5)(A) ORDER (EPA) 09/22/89

DOCKET NUMBER: 88-065A

309(A)(5)(A) ORDER (EPA) 09/22/89

DOCKET NUMBER: 88-065A

309(A)(5)(A) ORDER (EPA) 08/31/88

DOCKET NUMBER: 88-065

309(A)(5)(A) ORDER (EPA) 08/31/88

DOCKET NUMBER: 88-065

January 21, 1993

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DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT ** QNCR **

PAGE 1

MUNICIPALS

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

NAME
LOCATION
NPDES NUMBER GRANT LIMIT VIOLATION ENFORCEMENT STATUS
INSTANCE OF NONCOMPLIANCE RNC DATE ENFORCEMENT ACTION DATE STATUS DATE COMMENTS

APALACHICOLA, CITY OF NON-COMPLIANT
APALACHICOLA
FLO038857 \$ ***FINAL***

NITROGEN, AMMONIA	TOTAL (AS	0011 TRC 10/31/92	NC 10/31/92 2C PERMIT EFFLUENT VIOLATION
ALL EFFLUENT			
NPDES PENALTY AO CATEGORY(EPA) 09/30/92			
DOCKET NUMBER: 92-539			
NITROGEN, AMMONIA	TOTAL (AS	0011 TRC 09/30/92	NC 09/30/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA	TOTAL (AS	0011 TRC 07/31/92	NC 07/31/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA	TOTAL (AS	0011 TRC 06/30/92	NC 06/30/92 2C PERMIT EFFLUENT VIOLATION
NITROGEN, AMMONIA	TOTAL (AS	0011 TRC 05/31/92	NC 05/31/92 2C PERMIT EFFLUENT VIOLATION

***** SUMMARY SECTION *****

ALL COMPLIANCE SCHEDULE
ALL EFFLUENT
ALL NON-RECEIPTS (EPA)
ALL COMPLIANCE SCHEDULE
ALL EFFLUENT
ALL NON-RECEIPTS (EPA)
ALL COMPLIANCE SCHEDULE
ALL EFFLUENT
ALL NON-RECEIPTS (EPA)
ALL COMPLIANCE SCHEDULE
ALL EFFLUENT

ADMINISTRATIVE ORDER (EPA) 08/14/91
DOCKET NUMBER: 91-134
ADMINISTRATIVE ORDER (EPA) 08/14/91
DOCKET NUMBER: 91-134
ADMINISTRATIVE ORDER (EPA) 08/14/91
DOCKET NUMBER: 91-134
ADMINISTRATIVE ORDER (EPA) 06/21/91
DOCKET NUMBER: 91-109
ADMINISTRATIVE ORDER (EPA) 06/21/91
DOCKET NUMBER: 91-109
ADMINISTRATIVE ORDER (EPA) 06/21/91
DOCKET NUMBER: 91-109
ADMINISTRATIVE ORDER (EPA) 06/21/91
DOCKET NUMBER: 91-109
WARNING LETTER (EPA) 02/27/91
WARNING LETTER (EPA) 02/27/91
WARNING LETTER (EPA) 02/27/91
309(A)(5)(A) ORDER (EPA) 09/22/89
DOCKET NUMBER: 88-065A
309(A)(5)(A) ORDER (EPA) 09/22/89
DOCKET NUMBER: 88-065A
309(A)(5)(A) ORDER (EPA) 09/22/89
DOCKET NUMBER: 88-065A
309(A)(5)(A) ORDER (EPA) 08/31/88
DOCKET NUMBER: 88-065
309(A)(5)(A) ORDER (EPA) 08/31/88
DOCKET NUMBER: 88-065

Each ENFORCEMENT ACTION IS LISTED ONCE FOR
EACH TYPE OF VIOLATION IT ADDRESSES, IF A VIOLATION
OF THAT TYPE APPEARS ON REPORT WITH A DATE
BEFORE THE ENFORCEMENT. (READ THAT AGAIN, SLOWLY)

January 21, 1993

QNCR Review -- Page 11

DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT ** QNCR **

PAGE 2

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

MUNICIPALS

NAME

LOCATION

NPDES NUMBER GRANT LIMIT

INSTANCE OF NONCOMPLIANCE

VIOLATION

RNC DATE

ENFORCEMENT ACTION

ENFORCEMENT

STATUS

DATE STATUS DATE

COMMENTS

APALACHICOLA, CITY OF

NON-COMPLIANT

APALACHICOLA

FLO038857 \$ ***FINAL***

***** SUMMARY SECTION *****

ALL NON-RECEIPTS (EPA)

309(A)(5)(A) ORDER
DOCKET NUMBER: 88-065

(EPA) 08/31/88

ALL COMPLIANCE SCHEDULE

309(A)(5)(A) ORDER
DOCKET NUMBER: 88-065

(EPA) 08/29/88

AMENDED 9/22/89 TO REQUIRE TECHNICAL REPORT BY 11/30/89 AND GRANT IEL'S FOR % REMOVAL.

ALL EFFLUENT

309(A)(5)(A) ORDER
DOCKET NUMBER: 88-065

(EPA) 08/29/88

ALL NON-RECEIPTS (EPA)

309(A)(5)(A) ORDER
DOCKET NUMBER: 88-065

(EPA) 08/29/88

SPECIFIC CONDUCTANCE

0011

04/30/90

RP

RESOLVED PENDING

NITROGEN, AMMONIA TOTAL (AS

0011

10/31/91 - 04/30/92

NC

CONTINUING NONCOMPLIANCE

NITROGEN, AMMONIA TOTAL (AS

0011

04/30/88

RP

RESOLVED PENDING

BOD, 5-DAY PERCENT REMOVAL

0011

04/30/89 - 07/31/89

RP

RESOLVED PENDING

SOLIDS, SUSPENDED PERCENT RE

0011

11/30/87 - 06/30/89

RP

RESOLVED PENDING

FIRST MONITORING REPORT

02

RPT 03/01/92

NC 03/31/92

3D REPORT OVERDUE

FINAL COMPLIANCE W/EFF LIMITS

DC

SCH 08/21/91

NC 11/19/91

2B COMPL SCHEDULE VIOLATION

BEGIN CONSTRUCTION

CC

SCH 03/31/87

RP 05/18/87

2B COMPL SCHEDULE VIOLATION

January 21, 1993

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DATE: 01/13/93 REGION 04

SELECTIVE QUARTERLY NON-COMPLIANCE REPORT ** QNCR **

PAGE 2

TEST
MIKE DONEHOO
FLORIDA

FROM: 08/01/92 TO: 10/31/92

MUNICIPALS

NAME
LOCATION
NPDES NUMBER GRANT LIMIT VIOLATION ENFORCEMENT STATUS
INSTANCE OF NONCOMPLIANCE RNC DATE ENFORCEMENT ACTION DATE STATUS DATE COMMENTS

APALACHICOLA, CITY OF
APALACHICOLA
FLO038857 \$ ***FINAL***

NON-COMPLIANT

*SAME ENFORCEMENT ACTION ENTERED TWICE,
WITH DIFFERENT DATES.*

*ENFORCEMENT ACTION COMMENTS -
IF ENFORCEMENT ACTION LISTED MORE
THAN ONCE, COMMENTS ONLY LISTED
THE FIRST TIME.*

***** SUMMARY SECTION *****

{ ALL NON-RECEIPTS (EPA)
ALL COMPLIANCE SCHEDULE
ALL EFFLUENT
ALL NON-RECEIPTS (EPA)

309(A)(5)(A) ORDER (EPA) 08/31/88
DOCKET NUMBER: 88-065
309(A)(5)(A) ORDER (EPA) 08/29/88
DOCKET NUMBER: 88-065
309(A)(5)(A) ORDER (EPA) 08/29/88
DOCKET NUMBER: 88-065
309(A)(5)(A) ORDER (EPA) 08/29/88
DOCKET NUMBER: 88-065

AMENDED 9/22/89 TO REQUIRE TECHNICAL REPORT BY 11/30/89 AND GRANT IEL'S FOR % REMOVAL.

SPECIFIC CONDUCTANCE 0011 04/30/90
NITROGEN, AMMONIA TOTAL (AS 0011 10/31/91 - 04/30/92
NITROGEN, AMMONIA TOTAL (AS 0011 04/30/88
BOD, 5-DAY PERCENT REMOVAL 0011 04/30/89 - 07/31/89
SOLIDS, SUSPENDED PERCENT RE 0011 11/30/87 - 06/30/89
FIRST MONITORING REPORT 02 RPT 03/01/92
FINAL COMPLIANCE W/EFF LIMITS DC SCH 08/21/91
BEGIN CONSTRUCTION CC SCH 03/31/87

{ RP
NC
RP
RP
RP
NC 03/31/92 3D REPORT OVERDUE
NC 11/19/91 2B COMPL SCHEDULE VIOLATION
LRP 05/18/87 2B COMPL SCHEDULE VIOLATION

COMPLIANCE SCHEDULE

NON-RECEIPT

EFFLUENT VIOLATION

*NOTE: IN SUMMARY SECTION, SPANS OF EFFLUENT
VIOLATIONS ARE COMPRESSED, SHOWING ONLY FIRST
AND LAST DATES (11/30/87 - 6/30/89) DOES NOT MEAN
EVERY MONTH IN BETWEEN; IT ONLY MEANS THE
FIRST WAS 11/30/87 AND THE LAST WAS 6/30/89.*

January 21, 1993

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
00010	TEMPERATURE, WATER DEG. CENTIGRADE
00011	TEMPERATURE, WATER DEG. FAHRENHEIT
00018	TEMP. DIFF. BETWEEN SAMP. & UPSTRM DEG.F
00070	TURBIDITY
00080	COLOR (PT-CO UNITS)
00095	SPECIFIC CONDUCTANCE
00164	FLOW, GALLONS/BATCH
00166	CHLORIDE, PERCENT REMOVAL
00181	OXYGEN DEMAND, ULTIMATE
00208	CHLORINE, TOTAL RESIDUAL (DSG. TIME)
00300	OXYGEN, DISSOLVED (DO)
00310	BOD, 5-DAY (20 DEG. C)
00340	OXYGEN DEMAND, CHEM. (HIGH LEVEL) (COD)
00400	PH
00410	ALKALINITY, TOTAL (AS CaCO_3)
00435	ACIDITY, TOTAL (AS CaCO_3)
00442	PHOSPHORUS, TOTAL ELEMENTAL
00530	SOLIDS, TOTAL SUSPENDED
00540	SOLIDS, FIXED SUSPENDED
00545	SOLIDS, SETTLEABLE
00550	OIL AND GREASE (SOXHLET EXTR.) TOT.
00556	OIL AND GREASE FREON EXT-GRAV METH
00600	NITROGEN, TOTAL (AS N)
00605	NITROGEN, ORGANIC TOTAL (AS N)
00610	NITROGEN, AMMONIA TOTAL (AS N)
00615	NITROGEN, NITRITE TOTAL (AS N)
00619	AMMONIA, UNIONIZED
00620	NITROGEN, NITRATE TOTAL (AS N)
00625	NITROGEN, KJELDAHL TOTAL (AS N)
00660	PHOSPHATE, ORTHO (AS PO_4)
00665	PHOSPHORUS, TOTAL (AS P)
00680	CARBON, TOT ORGANIC (TOC)
00690	CARBON, TOTAL (AS C)
00720	CYANIDE, TOTAL (AS CN)
00722	CYANIDE, FREE (AMEN. TO CHLORINATION)
00745	SULFIDE, TOTAL (AS S)
00900	HARDNESS, TOTAL (AS CaCO_3)

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
00940	CHLORIDE (AS CL)
00945	SULFATE, TOTAL (AS SO4)
00951	FLUORIDE, TOTAL (AS F)
00978	ARSENIC, TOTAL RECOVERABLE
00979	COBALT, TOTAL RECOVERABLE
00980	IRON, TOTAL RECOVERABLE
00981	SELENIUM, TOTAL RECOVERABLE
00998	BERYLLIUM, TOTAL RECOVERABLE
01002	ARSENIC, TOTAL (AS AS)
01012	BERYLLIUM, TOTAL (AS BE)
01027	CADMIUM, TOTAL (AS CD)
01032	CHROMIUM, HEXAVALENT (AS CR)
01034	CHROMIUM, TOTAL (AS CR)
01042	COPPER, TOTAL (AS CU)
01045	IRON, TOTAL (AS FE)
01051	LEAD, TOTAL (AS PB)
01055	MANGANESE, TOTAL (AS MN)
01067	NICKEL, TOTAL (AS NI)
01074	NICKEL, TOTAL RECOVERABLE
01077	SILVER, TOTAL (AS AG)
01087	VANADIUM, TOTAL (AS V)
01092	ZINC, TOTAL (AS ZN)
01094	ZINC, TOTAL RECOVERABLE
01097	ANTIMONY, TOTAL (AS SB)
01105	ALUMINUM, TOTAL (AS AL)
01113	CADMIUM, TOTAL RECOVERABLE
01114	LEAD, TOTAL RECOVERABLE
01147	SELENIUM, TOTAL (AS SE)
01268	ANTIMONY, TOTAL RECOVERABLE
01273	TOTAL ACID PRIORITY POLLUTANTS
01274	BASE/NEUTRAL PRIORITY POLLUTANTS
01275	TOTAL VOLATILE POLLUTANTS
01352	DISCHARGE FLOW AS % OF STREAM FLOW
09501	RADIUM 226, TOTAL
11503	RADIUM 226 + RADIUM 228, TOTAL
11503	RADIUM 226 + RADIUM 228, TOTAL
22417	METHYL TERT-BUTYL ETHER

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
30383	BENZENE,ETHYLBENZENE TOLUENE,XYLENE COMBN
32017	SODIUM CHLORIDE (SALT)
32102	CARBON TETRACHLORIDE
32103	1,2-DICHLOROETHANE
32106	CHLOROFORM
32209	CHLOROPHYLL A, CORRECTED
32218	PHEOPHYTIN
32230	CHLOROPHYLL A
32231	CHLOROPHYLL B
32232	CHLOROPHYLL C
32730	PHENOLICS, TOTAL RECOVERABLE
34010	TOLUENE
34030	BENZENE
34043	PHENOLICS, TOTAL
34044	OXIDANTS, TOTAL RESIDUAL
34045	OXIDANTS, FREE AVAILABLE
34200	ACENAPHTHYLENE
34205	ACENAPHTHENE
34215	ACRYLONITRILE
34220	ANTHRACENE
34230	BENZO(B)FLUORANTHENE (3,4-BENZO)
34242	BENZO(K)FLUORANTHENE
34247	BENZO(A)PYRENE
34301	CHLOROBENZENE
34311	CHLOROETHANE, TOTAL
34320	CHRYSENE
34336	DIETHYL PHTHALATE
34341	DIMETHYL PHTHALATE
34376	FLUORANTHENE
34381	FLUORENE
34396	HEXACHLOROETHANE
34418	METHYL CHLORIDE
34423	METHYLENE CHLORIDE
34447	NITROBENZENE
34461	PHENANTHRENE
34469	PYRENE
34475	TETRACHLOROETHYLENE

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
34496	1,1-DICHLOROETHANE
34501	1,1-DICHLORETHYLENE
34506	1,1,1-TRICHLORO- ETHANE
34511	1,1,2-TRICHLORO- ETHANE
34526	BENZO(A)ANTHRACENE
34536	1,2-DICHLOROBENZENE
34541	1,2-DICHLOROPROPANE
34546	1,2-TRANS- DICHLOROETHYLENE
34551	1,2,4-TRICHLORO- BENZENE
34566	1,3-DICHLOROBENZENE
34571	1,4-DICHLOROBENZENE
34586	2-CHLOROPHENOL
34591	2-NITROPHENOL
34601	2,4-DICHLOROPHENOL
34606	2,4-DIMETHYLPHENOL
34611	2,4-DINITROTOLUENE
34616	2,4-DINITROPHENOL
34621	2,4,6-TRICHLORO- PHENOL
34626	2,6-DINITROTOLUENE
34646	4-NITROPHENOL
34657	4,6-DINITRO-O-CRESOL
34675	2,3,7,8-TETRACHLORO- DIBENZO-P-DIOXIN
34694	PHENOL, SINGLE COMPOUND
34696	NAPHTHALENE
37371	ETHYLBENZENE
38260	SURFACTANTS (MBAS)
38679	DIBROMOMETHANE
38691	2,3,7,8-TETRACHLORO- DIBENZOFURAN (TCDF)
39032	PENTACHLOROPHENOL
39100	BIS (2-ETHYLHEXYL) PHTHALATE
39110	DI-N-BUTYL PHTHALATE
39175	VINYL CHLORIDE
39180	TRICHLOROETHYLENE
39516	POLYCHLORINATED BIPHENYLS (PCB)
39700	HEXACHLOROBENZENE
39702	HEXACHLOROBUTADIENE
39942	HYDROCARBONS, AROMATIC

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
46000	PHENOLS
46529	RAINFALL
47021	METHYLENE BLUE ACTIVE SUBSTANCES
50049	FLOW, WASTEWATER BY- PASSING TRTMNT PLANT
50050	FLOW, IN CONDUIT OR THRU TREATMENT PLANT
50060	CHLORINE, TOTAL RESIDUAL
50064	CHLORINE, FREE AVAILABLE
50068	CHLORINATION
61574	AMMONIA (AS N) + UNIONIZED AMMONIA
61576	TEMP.DIFF. BETWEEN INTAKE AND DISCHARGE
70012	4-CHLORO-3-METHYL- PHENOL
70295	SOLIDS, TOTAL DISSOLVED
70296	SOLIDS, TOTAL DISSOLVED (TDS)
70352	CHLORIDE, ORGANIC, TOTAL
70507	ORTHO-PHOSPHATE, TOTAL (AS P)
71845	NITROGEN, AMMONIA TOTAL (AS NH ₄)
71850	NITROGEN, NITRATE TOTAL (AS NO ₃)
71855	NITROGEN, NITRITE TOTAL (AS NO ₂)
71875	HYDROGEN SULFIDE
71900	MERCURY, TOTAL (AS HG)
72035	PUMP HOURS
72107	LENGTH OF LONGEST PH EXCURSION
72108	% OF TIME EXCEEDING PH LIMITS
73617	MORPHOLINE, 4-NITROSO
74015	PHENOLS, CHLORO-
74053	PESTICIDES, GENERAL
74055	COLIFORM, FECAL GENERAL
74062	OVERFLOW USE, OCCURRENCES
74076	FLOW
77163	1,3-DICHLOROPROPENE
78136	TRIMETHYL BENZENE
78141	ORGANICS, TOTAL TOXIC (TTO)
78171	AROMATICS, TOTAL PURGEABLE
78240	METALS, TOTAL
78247	CHROMIUM, HEXAVALENT TOTAL RECOVERABLE
78480	EFFLUENT DILUTION RATIO
78739	CHLORINATION DURATION

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
79780	TETRAMETHYLBENZENE
80029	ALPHA GROSS RADIOACTIVITY
80082	BOD, CARBONACEOUS 05 DAY, 20C
80103	CHEMICAL OXYGEN DEMAND (COD)
80358	BOD, CARBONACEOUS, PERCENT REMOVAL
80998	BYPASS OF TREATMENT
81010	BOD 5-DAY PERCENT REMOVAL
81011	SOLIDS, SUSPENDED PERCENT REMOVAL
81018	OXYGEN DEMAND, TOTAL
81020	SULFATE
81313	HYDRAZINE
81383	CBOD, 5-DAY PERCENT REMOVAL
81551	XYLENE
81574	1,2-CIS-DICHLORO- ETHYLENE
82077	RADIATION, GROSS ALPHA
82230	AMMONIA & AMMONIUM, TOTAL
85790	CHLORINE ADDITION RATE
85810	1,2,-TRANS-DICHLORO ETHENE
TAA3B	LC50 STAT 48HR ACU CERIODAPHNIA
TAA3C	LC50 STAT 48HR ACU D. MAGNA
TAA3D	LC50 STAT 48HR ACU D. PULEX
TAA3E	LC50 STAT 48HR ACU MYSID. BAHIA
TAA6C	LC50 STAT 48HR ACU PIMEPHALES
TAB3B	LC50 STAT 96HR ACU CERIODAPHNIA
TAB6C	LC50 STAT 96HR ACU PIMEPHALES
TAE3B	LC50 STAT 24HR ACU CERIODAPHNIA
TAE6C	LC50 STAT 24HR ACU PIMEPHALES
TAM3E	LC50 STATRE 48HR ACU MYSID. BAHIA
TAN3B	LC50 STATRE 96HR ACU CERIODAPHNIA
TAN6B	LC50 STATRE 96HR ACU MENIDIA
TAN6C	LC50 STATRE 96HR ACU PIMEPHALES
TAX3B	LC50 FLTH 96HR ACU CERIODAPHNIA
TAX3E	LC50 FLTH 96HR ACU MYSID. BAHIA
TAX6B	LC50 FLTH 96HR ACU MENIDIA
TAX6C	LC50 FLTH 96HR ACU PIMEPHALES
TBD3B	NOEL STAT 7DAY CHR CERIODAPHNIA
TBD3E	NOEL STAT 7DAY CHR MYSID. BAHIA

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Partial List of Common Parameter Codes
Table 1

Parameter Code	Parameter Description
TBD6B	NOEL STAT 7DAY CHR MENIDIA
TBD6C	NOEL STAT 7DAY CHR PIMEPHALES
TBP3B	NOEL STATRE 7DAY CHR CERIODAPHNIA
TBP3E	NOEL STATRE 7DAY CHR MYSID. BAHIA
TBP6B	NOEL STATRE 7DAY CHR MENIDIA
TBP6C	NOEL STATRE 7DAY CHR PIMEPHALES
TCN6C	%EFFECT STATRE 96HR ACU PIMEPHALES
TGA3B	P/F STAT 48HR ACU CERIODAPHNIA
TGA3D	P/F STAT 48HR ACU D. PULEX
TGA6B	P/F STAT 48HR ACU MENIDIA
TGA6C	P/F STAT 48HR ACU PIMEPHALES
TGA6D	P/F STAT 48HR ACU PIMEPHALES
TGM3B	P/F STATRE 48HR ACU CERIODAPHNIA
TGN3B	P/F STATRE 96HR ACU CERIODAPHNIA
TGN6C	P/F STATRE 96HR ACU PIMEPHALES PROMELAS
TGN6H	P/F STATRE 96HR ACU NOTROPIS LEEDSI
TGP3B	P/F STATRE 7DAY CHR CERIODAPHNIA
TGP6B	P/F STATRE 7DAY CHR MENIDIA
TGP6C	P/F STATRE 7DAY CHR PIMEPHALES

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PCS Monitoring Location Codes

MLOC	DESCRIPTION
+	SLUDGE
>	INCREASE (NOT END OF PIPE)
A	DISINFECT, PRCS CMPLT
B	PRIOR TO DISINFECT
C	NITROGEN, REMOVAL CMP
D	ADV/TERT PRCS CMPLT
E	SEC/BIOL PRCS CMPLT
F	PRI/PRLM PRCS CMPLT
G	RAW SEW/INFLUENT
H	DURING MANUFACTURING
I	INTAKE FROM WELL
J	INTMD TRT, PRCS CMPLT
K	PERCENTREMOVAL
L	DIGESTOR
M	UP- AND DOWN- STREAM
N	IN AERATION UNIT
O	SEE COMMENTS BELOW
P	SEE COMMENTS BELOW
Q	SEE COMMENTS BELOW
R	SEE COMMENTS BELOW
S	SEE COMMENTS BELOW
T	SEE COMMENTS BELOW
U	SEE COMMENTS BELOW
V	SEE COMMENTS BELOW
W	SEE COMMENTS BELOW
X	END-CHLORINE CONTACT CHMBR
Y	ANNUAL AVERAGE
Z	INSTREAM MONITORING
0	INTAKE
1	EFFLUENT GROSS VALUE
2	EFFLUENT NET VALUE
3	INTAKE PUBLIC WATER
4	PRETREAT, PRCS CMPLT
5	UPSTREAM MONITORING
6	DOWNSTREAM MONITOR
7	INTAKE FROM STREAM
8	OTHER TRT, PRCS CMPLT
9	PHOS RMVL, PRCS CMPLT

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PCS Effluent Violation Codes

MVIO	DESCRIPTION	
D10	DMR OVERDUE (EPA)	OVERDUE
D20	DMR OVERDUE (STATE)	OVERDUE
D30	DMR OVERDUE (EPA/ST)	OVERDUE
E00	MEASUREMENT ONLY, NO VIOLATION	NO VIOL
E01	MONITOR ONLY, QUANTITY ABSENT	QTY ABS
E11	MONITOR ONLY, CONC ABSENT	CONC ABS
E21	MONITOR ONLY, QTY/CONC ABSENT	QTY/CONC ABS
E31	LIMITED, QUANTITY ABSENT	QTY ABS
E41	LIMITED, CONCENTRATION ABSENT	CONC ABS
E51	LIMITED, QTY/CONC ABSENT	QTY/CONC ABS
E90	NUMERIC VIOLATION	NUMERIC VIOL

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PCS Enforcement Action Codes

ENAC	DESCRIPTION	
AA	402 WETLAND PENALTY AO CAT I	P
AC	402 WETLAND PENALTY AO CAT II	P
AE	PENALTY AO ISSUED BY STATE	P
AF	PRTMNT PNLTY AO ISSUED BY STTE	P
A1	NPDES PENALTY AO CATEGORY I	P
A3	NPDES PENALTY AO CATEGORY II	P
A5	PRETREATMENT PENALTY AO CAT I	P
A7	PRETREATMENT PENALTY AO CAT II	P
B2	CWA 404 PNLTY AO CLASS I INIT	P
B4	CWA 404 PNLTY AO CLASS II INIT	P
01	NO CURRENT ACTN WARRANTED	4
03	WARNING LETTER	1
04	MWPP RESPONSE	1
05	PHONE CALL	1
06	PERMIT APPEAL TO EBR	1
07	MEETING WITH PERMITEE	1
09	COMPLIANCE INSPECTION	4
10	308 ADMINISTRATIVE ORDER	1
11	ADM ACTION PLANNED	4
13	ADM ACTION PENDING	4
14	308 ORDER FOR MWPP	4
15	SECTION 308 LETTER	4
16	SHOW CAUSE HEARING OR MTG	1
17	505 CITIZEN SUIT NOTICE	1
18	ADJUDCTRY HEARING REQUESTED	4
19	PRETREATMENT REFERRAL	4
20	NOTICE OF VIOLATION/NOV	1
21	ADMINISTRATIVE ORDER	2-FORMAL EA
22	ADMINISTRATIVE CONSENT ORDER	2-FORMAL EA
23	309(A)(5)(A) ORDER	2-FORMAL EA
24	309 (A) (6)	2-FORMAL EA
25	CONSENT DECREE	3-FORMAL EA
26	CONTEMPT ACTION	4
27	JUD ACTION PLANNED	4
29	JUD ACTION PENDING	4
30	AGENCY ENFORCEMENT REVIEW	1
31	REFERRED TO HIGHER LVL REVIEW	4
32	UNDER REVIEW BY STATE AG	4
33	UNDER REVIEW BY EPA HQ	4
34	CEASE AND DESIST ORDER	4
35	STIPULATION COURT ORDER	3-FORMAL EA
36	CIVIL ACTION FILED	4
37	TRIAL COURT ORDER	3-FORMAL EA
38	CRIMINAL ACTION FILED	4
39	CITIZEN SUIT CONSENT DECREE	4
40	PENALTY RECOMMENDED	1
41	CONTESTED CASE HEARING	1
42	301(I) EXTENSION	5
43	PERMIT MOD REQUEST	5
44	PERMIT MOD PENDING	5
45	PERMIT MODIFIED	5
46	PERMIT REISSUED	5

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PCS Enforcement Action Codes (continued)

ENAC	DESCRIPTION	
47	TIE IN TO MUNICIPALITY PLANNED	5
48	TIE IN TO MUNICIPALITY UNDRWAY	4
49	SEWER BAN IMPOSED	4
51	EIS REQUIRED	4
52	NEGATIVE DECLARATION	4
54	MCP REQUIRED AO-EO	1
56	MCP SCHEDULE AO-EO	2-FORMAL EA
58	MCP SCHED CONSENT DECREE	3-FORMAL EA
60	CCP REQUIRED AO-EO	1
62	CCP SCHEDULE AO-EO	2-FORMAL EA
64	CCP SCHED CONSENT DECREE	3-FORMAL EA
69	OTHER	4
70	COMMENT	4
71	PRETREATMENT CONSENT DECREE	3-FORMAL EA
72	PRETREATMENT AO	2-FORMAL EA
73	404 DREDGE/FILL ADM ORDER	4
74	FAILURE TO REAPPLY	4
75	FED FACILITY COMP AGREEMENT	2-FORMAL EA
76	AO - MCP	2-FORMAL EA
77	REFERRED TO REGION	1
78	ADMINISTRATIVE COMPLAINT FILED	1
79	JUDICIAL ADMINISTRATIVE DECREE	3-FORMAL EA
80	POLLUTION CONTROL BOARD EO	2-FORMAL EA
81	FINAL ORDER OF THE BOARD	2-FORMAL EA
82	NOTICE OF NONCOMPLIANCE	2-FORMAL EA
83	NOTICE OF VIOLATION, FML	2-FORMAL EA
84	STIP/ORDER OF RMDL ACTION	2-FORMAL EA
85	FINAL ORDER OF ABATEMENT	2-FORMAL EA
86	STIPULATION AGREEMENT	2-FORMAL EA
87	DIR. FINAL FINDINGS/ORDER	2-FORMAL EA
88	ENFORCEMNT CONFERENCE AGREEMNT	2-FORMAL EA
89	ORDER OF SUSPENSION	2-FORMAL EA
90	ORDER OF REVOCATION	2-FORMAL EA
91	ENFORCEMENT NOTICE LETTER	1
92	PRE-ENF CONFERENCE LETTER	1
93	ENF CONFERENCE LETTER	1
94	DIRECTOR'S WARNING LETTER	1
95	ENFORCEMENT CONFERENCE	1
96	ADMIN. ENFORCEMENT ORDER	2-FORMAL EA
97	EMERGENCY ORDER, GOVERNOR	2-FORMAL EA
98	NOTICE OF VIOLATION, INFML	1
99	NOTICE OF NONCOMPLIANCE, INFML	4

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PCS Enforcement Action Status Codes

ENST	DESCRIPTION
AE	ADMINISTRATIVE EXTENSION
AM	AMENDED
AR	ADMINISTRATIVELY RESOLVED
CL	CLOSED - BACK INTO COMPLIANCE
CO	COMPLIANCE
CS	CLOSED - SUPERCEDED BY EA
NC	NONCOMPLIANCE
PR	PERMIT REVISION
RE	RESOLVED
WD	WITHDRAWN

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PCS Compliance Schedule Numbers

CSCH	DESCRIPTION	
AA	301 (I) (1)	
AB	301 (I) (2)	
AC	301 (H)	
AD	308 LETTER	
BI	BIOMNTRNG SCH EST BY ENF ACT	
CC	SCHED ESTBLISHED BY CCP	- EXTENDED CS
CP	SCHED REQUIRING DEV OF CCP	
CS	COMBINED SEWER OVERFLOW	
DA	309 (A) (5) (A)-INTERIM	- EXTENDED CS
DB	309 (A) (5) (A)-FINAL	- EXTENDED CS
DC	309 (A) (5) (A)-MUNICIPALS	- EXTENDED CS
DD	309 (A) (5) (B)	- EXTENDED CS
DE	309 (A) (6)	- EXTENDED CS
DF	309 (A) (3)	
DZ	ADMIN. ORDERS FOR INDUSTRIALS	- EXTENDED CS
FF	FED FACILITY COMP AGREEMENT	- EXTENDED CS
GA	FED. JUDICIAL DECREES	- EXTENDED CS
HA	STATE JUDICIAL DECREES	- EXTENDED CS
HC	STATE NON-JUDICIAL DECREES (IND & MUN)	- EXTENDED CS
JA	STATE ADMIN. DECREES	- EXTENDED CS
MC	ENF SCH FOR MUN COMP STRATGY	- EXTENDED CS
MI	308 REG FOR MUNI COMP STRATEGY	
MP	REQ ENF SCH FOR MUN COMP STRAT	
MW	MUNICIPAL POLLUTION PREVENTION	
NI	NOV FOR INDUSTRIALS	
NM	NOV FOR MUNICIPALS	
PT	PRETREATMENT, ENF. ACTION	- EXTENDED CS
SL	SLUDGE	
TR	PRETREATMENT	
01	01	
02	02	
03	03	
04	04	
05	05	
06	06	
07	07	
08	08	
09	09	
1A	AD REQ'D SPECIAL STUDIES	
1B	AD REQ'D WATER QUAL MONITORING	
1C	PERMIT REQD SCH REQ DEV OF CCP	
1D	AD REQ'D DEV OF IND COMP SCHED	
1E	AD REQ'D SCH IND COMP STRATEGY	
1F	AD EFFL MONITORING/REPORTING	
1G	AD REQUIRED O & M ITEMS	
1I	PERMT REQ DEV OF INDR COMP SCH	
1M	PERMIT REQ DEV OF MUN COMP SCH	
1S	PERMIT REQD SPECIAL STUDIES	
1W	PERMIT REQ WATER QLTY MONITRNG	
10	10	
11	11	
12	12	

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PCS Compliance Schedule Numbers (continued)

CSCH	DESCRIPTION
13	13
14	14
15	15
16	16
17	17
18	18
19	19
2C	PERMIT REQD SCH ESTAB BY CCP
2I	PERMT REQD SCH INDR COMP STRAT
2M	PERMIT REQD SCH MUN COMP STRAT
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
3A	ORDER REQUIRED SPECIAL STUDY
3B	DECREE REQUIRED SPECIAL STUDY
3C	ORDER REQD WTR QUALITY MONTRNG
3D	DECREE REQD WTR QUALTY MONTRNG
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57

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PCS Compliance Schedule Numbers (continued)

CSC#	DESCRIPTION
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
9B	PERMIT REQ'D BIOMONITORING RPTS
9C	PERMIT REQ'D ACUTE TOX/DAPHNIA
9D	PERMIT REQ'D CHRON TOX/DAPHNIA
9E	PERMIT REQ'D ACUTE TOX/MINNOWS
9F	PERMIT REQ'D CHRON TOX/MINNOWS
9T	PERMIT REQ'D ANNUAL PRMTNT RPTS
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99

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PCS RNC Detection Codes

SNCC	DESCRIPTION
A	ENF-ADMINISTRATIVE ORDER
B	DIS-MANUAL 2A4 - PASS-THROUGH
C	CHR-CHRONIC VIOLATION
D	DIS-MANUAL OTHER
E	DIS-MANUAL 2F - PRMT NARRATIVE
F	DIS-MANUAL 2G - VIO OF CONCERN
G	DIS-MANUAL 2A1 - EFFLUENT VIOL
I	DIS-MANUAL 2A2 - UNAUTH BYPASS
J	DIS-MANUAL 2A3 - UNAUTH DISCH
N	RPT-NONRECEIPT OF DMR/CS RPT
Q	DIS-MANUAL 2B - PRETREATMENT
S	SCH-COMPLIANCE SCHEDULE VIOL
T	TRC-TRC LIMITATIONS EXCEEDED
V	EFF-OTHER VIOLATION WITH TRC
W	DIS-MANUAL 2E - DEFICIENT RPT
X	EFF-MANUAL OTHER VIOL W/ TRC
Y	TRC-MANUAL TRC
Z	CHR-MANUAL CHRONIC

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PCS RNC Resolution Codes

SRCC	DESCRIPTION
A	NC-MANUAL UNRESOLVED RNC
B	RE-MANUAL BY EPA ACTION
W	NC-WAITING RNC RESOLUTION
1	NC-UNRESOLVED RNC
2	RE-BACK INTO COMPLIANCE
3	RP-DUE TO FORMAL EA
4	RP-IN COMPLIANCE LAST QTR
5	RE-RESOLVED RP BY EA W/ CL
6	RE-MANUAL RES BY EA W/ CL
7	RP-MANUAL RP-IN COMP W/ADM LMT
8	RP-MANUAL DUE TO FORMAL EA
9	RE-MANUAL BY BACK INTO COMPL

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QNCR Status Codes

CYQS	DESCRIPTION
C	COMPLIANT
D	NC-SNC DMR NON-RECPT
E	NC-SNC EFFLUENT VIOL
N	NC-RNC VIOL TNS ONLY
P	RESOLVED PENDING
R	RESOLVED
S	NC-SNC COMP SCHD VIO
T	NC-SNC COMP SCHD RPT

January 21, 1993