Section I Notice of Development of Proposed Rules and Negotiated Rulemaking

NONE

Section II Proposed Rules

WATER MANAGEMENT DISTRICTS

South Florida Water Management District

RULE NO.: RULE TITLE:

40E-63.091 Publications Incorporated by Reference

40E-63.104 EAA Basin Boundaries

40E-63.106 Works of the District within the Everglades

PURPOSE AND EFFECT: The purpose of this rulemaking is to update methods used to assess compliance with a requirement for best management practice (BMP) implementation to achieve a reduction in phosphorus load in discharges from the Everglades Agricultural Area (EAA). The update is necessary to account for completed projects that affect EAA Basin boundary data used in the calculations.

SUMMARY: These rules establish the methods used to calculate the phosphorous in discharges from the Everglades Agricultural Area (EAA) Basin, as required by the Everglades Forever Act (EFA), Section 373.4592, Florida Statutes. The EFA directs the District to assess compliance with a requirement for a 25% reduction in phosphorus load in discharges in comparison with the phosphorus levels measured during an established period prior to the BMP program being implemented. Since the rules were last amended the District has completed several construction projects, such as STA-3/4, the STA-2 expansion, the A-1 Flow Equalization Basin, and the Lake Okeechobee Diversion Project structures. These projects have resulted in new data, and basin boundary inflow and outflow points, that must be considered in these calculations. Amendments to Rules 40E-63.091, 40E-63.104, and 40E-63.106, F.A.C., will account for these projects and include hyperlinks to incorporated materials in accordance with Section 120.54(1)(i)3., F.S., and Rule 1-1.013, F.A.C.

SUMMARY OF STATEMENT OF ESTIMATED REGULATORY COSTS (SERC) AND LEGISLATIVE RATIFICATION:

The Agency has determined that this will not have an adverse impact on small business or likely increase, directly or indirectly, regulatory costs in excess of \$200,000 in the aggregate within one year after the implementation of the rule. A SERC has not been prepared by the Agency.

This determination is based on the proposed amendments incorporating new data into existing statutorily mandated regulatory activities. The use of new data in the existing compliance calculations, including acreage and phosphorus loads from monitored inflow and outflow stations, are necessary because of the completion of associated construction projects. No additional regulatory costs are expected as a result of the amendments, because the permittee and District activities and requirements previously established in the rules are unchanged. The proposed changes relate to the presentation and use of data or information already required to be collected under other programs.

The Agency has determined that the proposed rule is not expected to require legislative ratification based on the statement of estimated regulatory costs or if no SERC is required, the information expressly relied upon and described herein: The District has completed the Governor's Office of Fiscal Accountability and Regulatory Reform (OFARR) the "Is a SERC Required?" form, which is available upon request. Based on the completed "Is a SERC Required?" form, the proposed rule amendments are not expected to require legislative ratification pursuant to the subsection 120.541(3), F.S.

Any person who wishes to provide information regarding a statement of estimated regulatory costs, or provide a proposal for a lower cost regulatory alternative must do so in writing within 21 days of this notice.

RULEMAKING AUTHORITY: 373.044, 373.113, FS. LAW IMPLEMENTED: 373.016, 373.085, 373.086, 373.451, 373.453, 373.4592, FS.

IF REQUESTED WITHIN 21 DAYS OF THE DATE OF THIS NOTICE, A HEARING WILL BE HELD AT THE DATE, TIME AND PLACE SHOWN BELOW (IF NOT REQUESTED, THIS HEARING WILL NOT BE HELD):

DATE AND TIME: March 8, 2018, beginning at 9:00 a.m. PLACE: South Florida Water Management District, B-1 Auditorium, 3301 Gun Club Road, West Palm Beach, FL 33406 Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: South Florida Water Management District Clerk's Office (800) 432-2045, ext. 6805, or (561)682-6805. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice)

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE IS: Carmela Bedregal, P.E., Section Lead, Bureau of Everglades Technical Support, Everglades Policy and Coordination Division, South Florida Water Management

District, 3301 Gun Club Road, West Palm Beach, FL 33406, telephone: (561)682-2737, email: cbedrega@sfwmd.gov. For procedures regarding the rulemaking process, contact Jan Sluth, CP, FRP, Sr. Paralegal, South Florida Water Management District, 3301 Gun Club Road, West Palm Beach, FL 33406, telephone: (561)682-6299, email: jsluth@sfwmd.gov.

THE FULL TEXT OF THE PROPOSED RULE IS:

40E-63.091 Publications Incorporated by Reference.

- (1) "Appendix A1 Description: Regulated Portion of Everglades Agricultural Area S 5A, S 6, S 7 and S 8 Basins Palm Beach, Broward and Hendry Counties", dated <u>[to be determined]</u> January 2001, [HYPERLINK].
 - (2) "Appendix A2 No Change.
- (3) "Appendix A3 EAA Basin Compliance", dated <u>[to be determined]</u> <u>January 2001</u>, <u>[HYPERLINK]</u>, and setting forth the procedures the District will follow to determine whether the entire EAA Basin has met the applicable total Phosphorus reduction goals based upon mathematical data analysis.
- (4) "Appendix A3.1 FORTRAN Program for Calculating EAA Basin Flows and Phosphorus Loads", dated <u>[to be determined]</u> January 2001, [HYPERLINK].
- (5) "Appendix A3.2 Flow Computation Methods Used to Calculate EAA Basin Flows", dated [to be determined] January 2001, [HYPERLINK], providing applicable mathematical formulas for calculating flow rates through water management structures.
- (6) "Appendix A4 EAA Basin Farm Scale Allocation", dated [to be determined] January 2001, [HYPERLINK], setting forth the procedure the District will follow to regulate total Phosphorus loads from individual farms when the EAA Basin has been determined to be not in compliance with applicable requirements.
 - (7) "Appendix A5" No Change.
 - (8) "Appendix A6" No Change.
- (9) South Florida Water Management District Form 0779, dated January 2001, entitled "Application for a Works of the District Permit".
- (10) "South Florida Water Management District Guidance for Preparing an application for "A Works of the District" Permit in the Everglades Pursuant to Chapter 40E-63, F.A.C." No Change.
- (11) The documents listed in subsections (1) through (10) are hereby incorporated by reference herein, are published by the District and are available at no cost by contacting the South Florida Water Management District Clerk, on the District's website (sfwmd.gov) or from the District at 3301 Gun Club Road, West Palm Beach, FL 33406, (800) 432-2045, ext. 6805 or (561) 682-6805 686-8800, upon request.

Rulemaking Authority 373.044, 373.113 FS. Law Implemented 373.016, 373.451, 373.453, 373.4592 FS. History–New 7-3-01, Amended

40E-63.104 EAA Basin Boundaries.

- (1) The Everglades Protection Area is generally described as: Water Conservation Areas 1, 2A, 2B, 3A and 3B, the Arthur R. Marshall Loxahatchee National Wildlife Refuge, and the Everglades National Park. It is depicted on maps and legally described in "Appendix A1," which is incorporated by reference in Rule 40E-63.091, F.A.C. of Chapter 40E 63, F.A.C., which is published by reference and incorporated into this chapter.
 - (2) The EAA is generally described as:
- (a) the area including, but not limited to, the drainage basins of S-2, S-3, S-5A, S-6, S-7, S-8 and S-150. The EAA is depicted on maps and legally described in "Appendix A1," which is incorporated by reference in Rule 40E-63.091, F.A.C.; and of Chapter 40E 63, F.A.C.
- (b) The Everglades Construction Project diversion basins, consisting of the areas within the boundaries of the South Florida Conservancy District, South Shore Drainage District, East Shore Water Control District, East Beach Water Control District, and Closter Farms (also known as 715 Farms or the lessee of agricultural lease number 3420). These basins previously released stormwater to Lake Okeechobee, but stormwater was redirected as new releases to Works of the District within the Everglades under Rule 40E-63.108, F.A.C., when the diversion projects were completed. The Everglades Construction Project Diversion Basins are depicted on maps and described in "Appendix A1," which is incorporated by reference in Rule 40E-63.091, F.A.C.
- (3) The areas described in subparagraphs (2) (a) and (b) are regulated under Part I of this Chapter and are included in calculating phosphorus load reductions as set forth in "Appendix A3" and "Appendix A4," which are incorporated by reference in Rule 40E-63.091, F.A.C.

Rulemaking Authority 373.044, 373.113 FS. Law Implemented 373.016, 373.085, 373.086, 373.451, 373.453, 373.4592 FS. History–New 1-22-92, Amended 7-3-01,

40E-63.106 Works of the District within the Everglades.

The following Works of The District within the Everglades Agricultural Area Basin include are or have been used for calculating compliance with the phosphorus load reduction objectives of the Everglades program: S-2, S-3, S-5A, S-6, S-7, S-8, S-150, G-88, G-136, G-200, G-344A, G-344B, G-344C, G-344D, G-349B, G-350B, G-357, G-404, G-410, G-402-A, G-402-B, G-402-C, G-402-D, G-605, G-606, Miami Canal, North New River Canal, Hillsboro Canal, C-51 (at both current and ultimate discharge locations into the Everglades Protection

Area), and their open channel connections. <u>The Works of the District and other structures which are or have been used for calculating compliance with the phosphorus load reduction objectives of the Everglades program are set forth in "Appendix A3," which is incorporated by reference in Rule 40E-63.091, F.A.C.</u>

Rulemaking Authority 373.044, 373.113 FS. Law Implemented 373.016, 373.085, 373.086, 373.451, 373.453, 373.4592 FS. History–New 1-22-92, Amended 7-3-01,

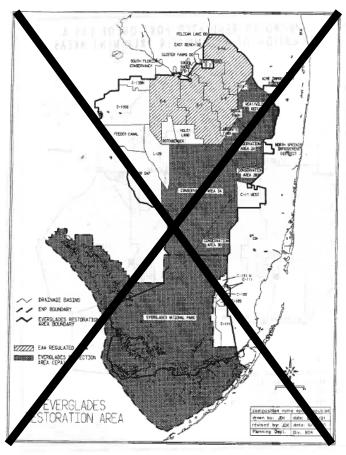


FIGURE 40E-63-1

PROPOSED REGULATED PORTION OF EAA & LOCATION OF STORMWATER TREATMENT AREAS

LOCATION OF STORMWATER TREATMENT AREA

LOCATION OF STORMWATER TREATMENT AREAS

LOCATION OF STORMWATER TREATMENT AREA

LOCATION OF STORMWATER TREATMENT AREAS

LOCATION OF

FIGURE 40E-63-2

APPENDIX 40E-63-3 BASIN COMPLIANCE

ODUCTION

ix sets forth the procedures the District will future to determine whether the entire EAA the goal of reducing total phosphorus (TP) 25 percent, under any set of hydrologic could arise, after installation of farm-level BMPs. The nination requires calculation of future TP structures bordering the EAA (location E-63-4 and listed in Table 40E-63-1), by clude phosphorus carried into Lab. shown in Figure The load will al: Okeechobee through requires the adjustme Lake Okeechobee to ss-through flows released from ley Land, Water Conservation obee to th Areas and the Lower East

Areas and the Lower East Lead is the amount of phosphate carried pas point by the movement of war. Dain on concentration and water quantity lowy a calculate the phosphorus load discha if or point. Data on water quality and be the structures are available from several so the U.S. Army Corps of Engineers, and the Service. Seveni methods of collecting the used. Accordingly, the best method of data source of data to use in a load calculationarities. Data on water quality low) are required to rom a monitoring the District, Geological also

identified.

The water quality and quantity collection so methods currently available are described be methods are improved continuously as new becomes available and technology improves. existing methods of data collection are concurrently with the new methods for a substant of time. When the District reports the result determination of whether the EAA Basin has red phosphorals load by 25% for the period of May 130, annually beginning in 1996, the sources and phosphoral boused in the calculation will be data collection used in the calculation will be data collection used in the calculation will be deavuilable for inspection. Any changes in metion of the collection of th bed and rom the ted persons ministrative ment changes in through Chapter

ned precedures, which program in FORTRAN The load calculations involve have been automated by language. A flow chart 40E-63-3. The methods

SOURCES AND METHODS DATA COLLEC ter Quantity

The South Fl ment District and the U.S. Water Management District and the U.S., y compute flow at all the major water in the Everglades Agricultural Area. Water include pumps, gated spillways, and gated attions 5-2, 5-3, and 5-6 allow water to tite direction of pumping by siphoning. All pep S-6 have an adjacent gated spillway. SFWMD uses various methods to compute flow at

control structures. Flow at pump stations is calculated control structures. Flow at pump stations is calculated by the manufacturer and calibrated by discharge rating equations provided by the manufacturer and calibrated by discharge measure. Flow at gated spillways is calculated using formulby the Corps of Engineers from the Bernould Discharge through culverts is calculated using formulby the Corps of Engineers from the Bernould Discharge through culverts is calculated using formulation with the country of the Corps of Engineers from the Bernould Discharge through the Country of the Corps of the Country of th standard , and open outlined in

the SFWMD obtains field control operations through va and control operations data as system. Analog data is obtaine data are provided by pun loggers. Pump station operations hour dua addition, saft gauge addition, saft gauge ans. s field measy bents of stage and upper values of stage and upper values. Real-time stage is data are recited via the telementy obtainer ann chart recorders. Digital y pure stages and solid state data opports log readings of stage and upper values pumping operations. In stages, gate opening measurements, an measurements are conducted by untinely visit unmanned structures. The SFWMD's

sonnel why futinely visit unmanned structures.

WMD's loogic database stores multiple flow data
each style. Each flow data set is created using a
condition of sources of stage and control
as a. The USGS publishes one set of flow data
for cutreure. If convenient, the USGS presents
flow data from different locations. The SFWMD
USGS's data as well as its own data to perform
adget analyses and estimation techniques to obtain a
ed" flow data set at each structure. Table 40E-63-1
all the flow data set available in the SFWMD's
gic database (DBHYDRO).

Water Quality

water sample collected in the field is called a "raw water pole", in differentiation with a "water sample" used in chemistry laboratory. Current raw water sample bg methods at different structures are listed in Table methods at different structures are listed in Table All raw water samples collected in EAA in the compliance will be collected by automatic tomatic samplers will be programmed to take a composite samples. Where on-site flow imputation is impossible, time proportional samp will be taken. Grab samples will also be until relationships between results from an example of the taken when some sufficiently different proportional or the sample will be taken when rear are not vehan pressury for man are not vehan pressury for future sampler. flow prop real-time flo composite samp continued unti automatic and ma established. After the autosamplers are no oning, or when necessary for other purposes.

other purposes.

Only a portion of a well-mix raw wat a water sample in actual que kative water quality parameter. The othe val a by a certified laboratory using acce. di case of change of laboratories concurrent analyses shall be done un them can be established. Water que identified by structure and collection sample date, and serial number of the s ative analysis of a given cal analysis is performed standard methods. In analytical methods. rameters are ject code. sample date, and serial number stored in data base WQDMAIN data are

Data Upgrades

There are three ways in which the quality and relational District flow data are being improved: (1) establish single time series of flow for each station from

arces of stage and control operations data, (2) verification of calibration of flow equations through intensified charge measurements at all major EAA structures, and (3) harion of AVM systems for future use as an additional

Effe ently under way to establish a single time data calculated at each flow station. A of sources of stage and control operations ablished for each flow station. Flow will be the highest ranking sources. When the ree of data is missing, the next highest and so on. This method will ensure the highest ranki source will be u calculation of the l values from all sources minimize missing da

sified to provide discharge
EAA structures. Statistical
or calibrate the discharge
or of stream gauge
are tic low velocity meter,
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of the state of th Stream gauging is being Stream gauging is being the measurements at all ma, analysis are under way to viciniting equations. The upgrequipment, including a portable as well as improved measure valuable, field measurements. EAA calibration of rating equations will co accuracy of the calculated flow values

AVM systems are in place at most major. A
AVM systems are in place at most major ac
Calibration of these systems is being perfor
USGS. When these systems are satisfactorily can
data will be used to verify the District's flow com
If these systems prove to be highly reliable and
they may provide the highest ranking source of flow
the prioritization of single time series.

If any upgrades in water quality sampling are undertaken the future, concurrent samples will be taken by the exist methods to maintain data continuity, at least until upgraded methods have been tested and documented reliable.

DETERMINATION 25% REDUCTION OF TOTAL PHOSPHORUS

The future TP load will be evaluated for com-the 25% TP load reduction requirement year 30, a date which corresponds generally with with of April the dry to the wet rainfall period discharge and rainfall, are dominant. TP loads. Because rainfall and streat large temporal and spetial variation evaluation for compliance adjusts to evaluation for compliance : variability. Otherwise, the large enough to obscur TP loadings.

The adjustment for components:

- 1. A model to ate future TP loads. The model oad of the EAA Basin by substituting litions for the conditions that occurred es a future riod (water years 1978—1988). The ed on hydrologic data collected from any od of May 1 — April 30. The estimation calculation for the required 25% TP load. turing a uture tir
- tion for possible statistical error in the ng a required level of statistical confidence specifying a requ ction of the long-term average TP load. The 90th

percentile confidence level was selected as reasonable. Evaluation of the EAA Basia for compliance with the TP load reduction requirement will be based upon

1. If the actual measured TP loading from in a future May 1.— April 30 period is less TP load estimate (larget), then the EAA determined to be "In Compliance", that is 25% TP load reduction requirement. After ne model in will be save met the letion of the STAs, the actual percentage of the which must be met to be determined be reduced to reflect land tak production. However, the aver required will be the same, the completions of the completion riod TP load npliance" will f agricultural

ctual measured. loading from the EAA Basin model The loc estimate (Tanget) in 3 or more day 1— 30 periods, then the EAA Basin mined to "Not in Compliance"— that is it meets a May 1— April 30 period, and the miner of the three day 1 miner of the period of the miner of the three days of the miner of the period of the pe 2. If the actual measure exceeds the model TP consecutive May 1 will be determined will not have met EAA B Target has been exceeded in 3 or more 1 — April 30 periods, that is, the EAA termined to be "Not In Compliance" when ative May 1 — April 3 will be determined to be Target is exceeded for 3 May 1 — April 30 periods, ithout an intervening May 1 — April 30 period in which the EAA Basin has been determined to be "In Compliance", in though the three periods may be inte

on.

actual measured TP loading from the EAA Basin

tupper 90% confidence limit of the Target

any May I — April 30 period, the EAA Basin

mined to be "Not In Compliance", that is it

can be actually required requirement. If the et the 25% load reduction require in a May I - April 30 period, and the that the adjusted rainfall for the per the Limit will be suspended and be determined to be "Not District deta exceeds 63.76 i EAA Basin will Compliance" for that

4. A determination of ension under peragraphs 2. and this to petition for a hearing stutes, and Section 373.114, blished in the Florida we and a Notice of under Section 120.57, Flori Florida Statutes, sha Administrative Weekly. shall b

5. The Target and Limit will b lated according to the following equations and explan

To reflect the required 25% reductional tiplied by 0.75 before performance of the control of the R TP loads are multiplied regression:

ln(L) = -7.998 + 2.868 X + 3.020 C - 0Explained Variance = 90.8%, Standard Error = .1831

Predictors (X, C, S) are calculated from the first moments (m₁, m₂, m₃) of the 12 monthly rainfall totals = 1, 12, inches) for the current year:

Sum [r_i - m₁]²/12 $n [r_i - m_t]^3/12$ EAA Load with: Target [(12/1 Limit S (12/11) SE where, L = 12-month load attributed 25% (metric tons) Runoff, reduced by X = natural logarithm of 12-month total C = coefficient of rainfall totals variation calculated fro

S = skewness coefficient calculated from 12 monthly ra

The first predictor (X) indicates that approximately with the cube of total ann second and third predictors (C & S) indic resulting from a given annual rainfa the distribution of monthly rainfall has. skewness. For a given a when rainfall is evenly ted across months and the the rain falls in one month. Real cases fall in between

Compliance will be tracked by comparing $= \exp \left[-7.998 + 2.868 \text{ X} + \right]$ 0.3355 S1

= Target exp (1.476 SE E

= .1833 [1 + 1/9 + 5 17.613 (C -+ 8.439 (X - X_n) (C -S - S_n) - 3.058 (C -- X_m) (S - S_m)

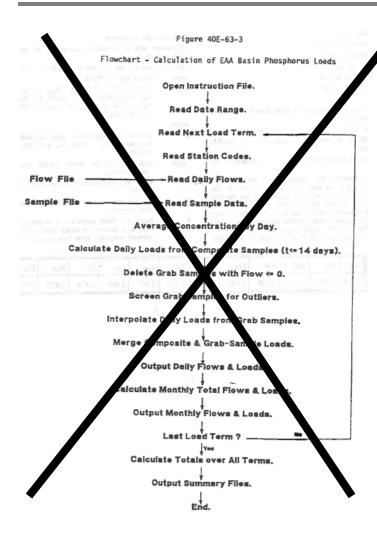
coscript denoting average value of predictor in base period ($X_m = 3.866$, $C_m = 0.7205$, $S_m = 0.7339$)

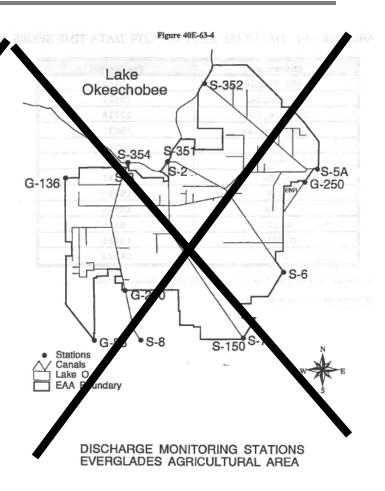
predicted load for future rainfall conditions (metric tons/yr) apper 90% confidence limit for Target (metric

error of predicted In(L) for May -

factor riations in model standard of month (last in 12-month base period:

Month	4	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1.975	1.609	1.346	1.000	1.440	1.238	1.321	2.045	2.669	2.474	2.420	2.2.





ABLE 40E-63-1. DATABASE KEYS TO FLOW DATA TIME SERIE

Preferred
15068
1502
1 18
15031
15034
15037
15041
15040
15196
15. 95
15736
16222

^{*} New, 0 data time series for the Holey Land pump station begins on November 25, 1991

The arence numbers in the table are keys to the data sets, known as "dbkeys".

ABLE 40E-63-2 CURRENT WATER QUALITY SAMPLING METHOD

Structure	Collection Site	Instrument
S-352	GRAVITY	G
6.2	PUMP	A
S-2	GRAVITY	G
3	PUMP	
(TEL 10)	GRAVITY	A
S-5A	PUMP	A
Complex	GRAVITY	G ·
5-6	PUMP	A
5-6	RAVI	G
S-7	A STATE OF	A
5-7	AQ W	G
S-150	GRAVIT:	American Comments
S-8	PUMP	A
n. (= (1 250) 10) (2	GRAVITY	G
G-2	GRAVITY	G
7 136	GRAVITY	A
G-200A	GRAVITY	File of Table
G-250	PUMP	A

grab sample primary method

= automatic sampler primary method, grab sample back-

APPENDIX 40E-63-4 FARM SCALE ALLOCATION

its sets forth the procedure the District will be future to regulate total phosphorus (TP) loads unl farms when the EAA Basin has been be Not In Compliance with the Tanget or he to the procedures set forth in Appendix

- ss may participate in an Early
 ablish a base-year data set by
 water quality and quantity
 ac year beginning January 1,
 eth this option will be require
 to be the representation of the representation
 to be year loss of the representation
 to be year loss. The procedure
 ill be used for ofall adjustment.

 The procedure will be verified the assonableness. 1. Individual p Baseline Option to ai monitoring the farm-discharge for a period of 1993. The permittee who e to have approved BMPs in pla permittees will be required to re phosphorus loading by at least 25 the rainfall-adjusted base-year phosphorus loading by at least the the rainfall-adjusted base-year load outlined in Appendix C will be used for
- osumed in Appendix C will be used for well at 2. The base year data will be verified to suson The dotermination will be based on an analyst of an inalysis of consistency with existing total data, rainfall data, and other relevant information structures for which monitoring data are determin unreasonable shall be excluded from further partici-ties and the state of the control of the control of the Early Baseline Option. sonableness. of outliers,
- 3. In determining compliance in any future year, measured EAA total basin load for the specified May 1 April 30 period will be compared to the Target for the E Basin for the specified May 1 April 30 period, calcul according to Appendix 406-63-3. The comparis represented by the following ratio:
- Y = Target/Measured
- The Unit Area Loading (UAL) for structure and acreage tributary to it will be calculation will be based on concentrate reported by the permittee pursuant of monitoring plan for the specified Mo nd flow data

The UAL will be calculated according to the follow

 $UAL_1 = L/A_1$

- UAL = Unit Area Load for Farm, (lbs/acre-year)
- = . Load calculated by SFWM concentration data other data obtained b necessary (lbs/w
- = Area of Farm
- (Faint 1993)

 be add of to reflect average rainfall in the 779—1988 base period and to rainfall among EAA subbasins in wested Unit Area Load (AUAL) will a rainfall in the corresponding EAA (7, or 88) in the specified May 1—will be calculated according to the 5. The UAL will be ad conditions observed reflect spatial variati the current year. The April 30 following:
- AUA UAL(Raw/Ra) 186
- exp [X + 1.053 (C C_m) 0.1170 (S S_m)]
 - subscript denoting average value of rainfall statistic in base period for EAA Subbasin containing Farm i (see attached Table)
- base period log-mean adjusted rainfall for EAA Subbasin containing Farm i (inches, see attached Table) Adjusted subbasin rainfall in current year
- es as defined in Appendix 40E-63-3 computed for each subbasin

Basin	X _m	C _m	- Sm	Ram
EAA Total	3.866	0.7205	0.7339	47.73
S5A	3.918	0.7636	0.9999	2 31
S6	3.907	0.7302	0.7476	49.7
S7	3.835	0.7198	0.6112	46.27
	3.822	0.8409	0.8409	45.68

The AUAL for the entire EAA Basin (ALOAD, lbs/yr) l be calculated according to the following:

$AD = SUM AUAL_1 * A_1$

am-Level Target Load (FTLOAD, lbs/yr) will be ed on the assumption that the percentage all load required at the Farm scale equals the reduction tion required at the Basin scale. The based on the following:

FTLOAD = AL

8. For those permitto w Early Baseline Option, o adjusting both current and ba-rainfall conditions using the who elected to participate in the liance will be determined by ance will be determined by ear measured loads to average edure given in paragraph 5 by ed the 25 percent load on, ring the adjusted load for ad force current year. above. Permittees who have reduction will be identified by co the base year with the adjusted load

9. Permittees who did not elect to participate in the E Baseline Option are subject to a Maximum Unit Area Lo

Installment Option are subject to a maximum of Area (MUAL, Ibs/acre-yr) discharge limit, which is compositing the following equation:

FILOAD = SUM MUAL * A₁] +

SUM AUAL₃ * A₁]

The first summation (j) is over all farm with greater than MUAL₃ excluding those who has a ken ith AUAL ken the Early Baseline Option and achieved a minim reduction. The second summation is ove which include (a) farms with AUAL 5 percent load farms which elected the Early Bas e Option and met the

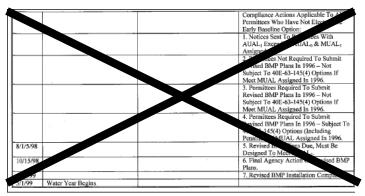
minimum 25 percent load reducti 10. Revised BMP plans wil required for all permitted ges whose AUAL_j exceed will also be required from all arly Baseline Option, but did not structures and tributary MUAL. Revised BMP permittees who elected achieve at least a 25 ent load reduction. Compliance and enforcement proce (4), & (5), F.A.C. are set forth in Rule 40E-63.145(3),

APPENDIX 40E-63-5

OUTLINE OF C ANCE AND ENFORC ENT PROCEDURES

DATE	ACTIVITY	AS CIATED COMP ANCE AND ENFORCEMENT ACTION
Present		SFW & Other A cies Authorized To Enforce Existing Regulations & Permith Program Applicable to EAA Basin
9/92 10/92	Due Date For Permit Applications	
12/92	Early Baseline Option – Final Agency Action On Monitoring Plans	Begin Enforcement For Failure To Submit Application (All 40E-63.145(4) Options A Mass.
1/1/93	Early Baseline Option – Permittees Begin Monitoring Water Quality & Quantity	Begin Aforcement Monitoring Plan – Water Quality & Quantity (All 407 - 1.145(4) Options vailable)
7/93 -	Final Agency Action On Permit Applications	gin Enforcement of Inst. (ion of BMPs According To Plan (All 40E-63.145(4) Options Avail. (c)
10/93	Permittees Begin Monitoring Water Quality	Begin Enforcement of Monitors Plan – Water Quality (All 40E-63.145(4) Options Available)
1/94	Early Baseline Option – BMP Installation Comple	Begin Enforcement of BMP Operati & Maintenance (All 40E-63.145(4) Options Available)
1/94	Early Baseline Option Baseline For Determ & 25 percent Reduction Based On Data For May 1 33 - April 30, 1994	
1/94	Permitees B of Monitoring Water Que by	Begin Enforcement of Monitoring Plan – ater Quan Options Available) (All 40E-63.145(4)
7/1/94	District Svides Results of Early Basel Calculations	
1/95	BM astallation Complete	Begin Enforcement of BMP Operation & Maintenance (All Options Available)
4/30/96	ater Year Ends & District Segins Determination of Whether EAA Basin Is In Compliance With 25 percent Phosphorus Load Reduction Requirement (Appendix 40E-63-3 Procedures)	

7/1/96	District Provides Results of Appendix 40E-63-3 Evaluation	EAA Basin In Compliance	EAA Basin Not In Compliance
		A. Continuing Compliance Action In Regard To Monitoring Plans & BMP Operation (All 40E-53.145(4) Options Available) & Other Applicable Regulations	A. Continuing Compliance Action In Regard To Monitoring Plens & BMP Operation (All 40E-63.145(4) Option Available) & Other Applicable Regulations
			B. Compliance Actions Applic To Permittees Who Elected the y Baseline Option:
	the contract		District Determines V oner Permitte has Reduced The Bas of Load By 25 percent,
	The state of the s		2. Permittees W Save Reduced The Baseline Load 25 percent Are Not Subject to Four compliance And Enforcem Actions, So Long As The Reduct A Maintained, Or Unless Thi Chart as Anended To Provide Of 1892
			rmittees Who Do Not Meet the 25 reent Reduction Requirement Are Required To Submit And Implement Revised BMP Plans.
			C. Compliance Actions Applicable To All Permittees Except Those Described In Section B. Above; (40E-63.145(4) Options Not Applicable If The Following Are Implemented In Good Faith):
7/1/96			Notices Sent To Permittees With AUAL ₁ Exceeding AUAL ₀ & MUAL ₁ Assigned,
8/15/96			Revised BMP Plans Due, Must Be Designed To Meet MUAL _i ,
10/15/96			 Final Agency Action On Revised BM Plans,
4/15/97			4. Revised BMP Installation Complete.
4/30/97	Water Year Begins		
4/30/98	Water Year Ends & District Begins To Determine Wheth EAA Basin In Compliance (th 25 percent phosphorus & A Reduction Requirem (Appendix 40E-63) Accedures)		
7/1/98	District Provider sults of Appendix 40F 3 Evaluation	EAA Basin In Compliance	EAA in Not In Compliance
		A. Continuing Compliance Action In Regard To Monitoring Plans & BMP Operation (All 40E-63.145(4) Options Available) & Other Applicable Regulations	A. Contine Compliance Action In Regard To Not foring Plans & BMP Operation (All 1-63.145(4) Options Available) & Oth Coplicable Regulations
20		No Further Compliance Action In Regard to Appendix 40E-63-3 (25 percent Phosphorus Load Reduction Requirement)	Early Baseline Option Permittees Who Have N Reduced Baseline Load by 25 person and Have An AUAL_Exceeding AUA Are: 1. Assigned MUAL ₆₀ And
7/1			Assigned MoAL ₂ , And Required To Meet it The Next The Basin Is Determined to Be Not Compliance & If Not Met, Permittee Subject To 40E-63.145(4) Options



Amendments to Appendices A1, A3, A3.1, A3.2 and A.4 are available online at https://www.sfwmd.gov/sites/default/files/documents/draft_40 E_63_draft_rev_appendices_20171214.pdf, or may be requested by contacting Carmela Bedregal or Jan Sluth at the phone numbers provided in this notice.

NAME OF PERSON ORIGINATING PROPOSED RULE: Eva Velez, Division Director, Everglades Policy and Coordination Division

NAME OF AGENCY HEAD WHO APPROVED THE PROPOSED RULE: South Florida Water Management District Governing Board

DATE PROPOSED RULE APPROVED BY AGENCY HEAD: December 14, 2017

DATE NOTICE OF PROPOSED RULE DEVELOPMENT PUBLISHED IN FAR: July 28, 2017

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

Board of Pilot Commissioners

RULE NO.: RULE TITLE:

61G14-11.008: Cross Licensing

PURPOSE AND EFFECT: The Board proposes the rule amendment to clarify language regarding cross licensed deputy pilots.

SUMMARY: Language regarding cross licensed deputy pilots will be clarified.

SUMMARY OF STATEMENT OF ESTIMATED REGULATORY COSTS AND LEGISLATIVE RATIFICATION:

The Agency has determined that this will not have an adverse impact on small business or likely increase directly or indirectly regulatory costs in excess of \$200,000 in the aggregate within one year after the implementation of the rule. A SERC has not been prepared by the Agency.

The Agency has determined that the proposed rule is not expected to require legislative ratification based on the statement of estimated regulatory costs or if no SERC is required, the information expressly relied upon and described herein: During discussion of the economic impact of this rule at its Board meeting, the Board determined that there was no reason to believe the amendment would increase costs and that a Statement of Estimated Regulatory Costs (SERC) was not necessary and that the rule will not require ratification by the Legislature. No person or interested party submitted additional information regarding the economic impact at that time.

Any person who wishes to provide information regarding a statement of estimated regulatory costs, or provide a proposal for a lower cost regulatory alternative must do so in writing within 21 days of this notice.

RULEMAKING AUTHORITY: 310.061, 310.185 FS.

LAW IMPLEMENTED: 310.061, 310.081 FS.

IF REQUESTED WITHIN 21 DAYS OF THE DATE OF THIS NOTICE, A HEARING WILL BE SCHEDULED AND ANNOUNCED IN THE FAR.

THE PERSON TO BE CONTACTED REGARDING THE PROPOSED RULE IS: Krista Woodard, Executive Director, Board of Pilot Commissioners, 2601 Blair Stone Road, Tallahassee, FL 32399-0790.

THE FULL TEXT OF THE PROPOSED RULE IS:

61G14-11.008 Cross Licensing.