

Environmental Protection and Growth Management Department
ENVIRONMENTAL ENGINEERING AND PERMITTING DIVISION
1 North University Drive, Mailbox 201, Plantation, Florida 33324 • 954-519-1483 • FAX 954-519-1412

Via E-mail (krwcampbell@yahoo.com)

June 26, 2019

AKAI Estates LLC
333 Las Olas Way
CU 1
Fort Lauderdale, FL 33301

Re: Tara Plat
Modification #2 to County License No. DF04-1042

To Whom it May Concern:

Pursuant to your request dated June 25, 2019, this letter certifies that County Environmental Resource License No. DF04-1042 is hereby modified. This modification authorizes the remaining wetland preserve area of 0.50 acre, authorized in modification #1, to be impacted by the proposed development and mitigated at Loxahatchee Mitigation Bank with the purchase of 0.15 credits. The total wetland impact area for this project is 2.46 acres which shall be offset by a total credit purchase of 0.74 credits at the Loxahatchee Mitigation Bank.

The attached drawings, showing details of the modification and previously licensed work, shall supersede the corresponding drawings of the original license. All other specific conditions and technical elements of the license and modification, including the June 2, 2020 expiration date, remain as previously authorized.

Changes from the original license shall be modified as follows (deletions are shown with ~~strikethrough~~ and changes are **bold**):

B.1. Construction and installation of the Area shall be in accordance with plans dated ~~6/2/08~~ **6/21/19** by the County (attached) and associated information. ~~The Area shall be installed concurrently with licensed construction.~~

~~B.2. Upon completion of the Area, the following documentation shall be submitted to the County: (a) certification of elevations in relation to design, (b) verification of actual acreage, and (c) the time-zero monitoring report. This documentation is required within 30 days of completion of the Area and prior to any Certificate of Occupancy being received for any structure on the site.~~

~~B.3. A viable wetland system shall be established that replicates a natural reference wetland in basic structure and function. In order to assure that the Area becomes self-sustaining, the following criteria shall be met:~~

- ~~a) A minimum of 80% coverage by desirable wetland species after a two (2) year period and demonstration of persistence for three (3) additional years.~~
- ~~b) Less than 2% coverage by invasive exotic and undesirable species is allowable if plants are dispersed and not concentrated in any particular area. Exotic and undesirable species include, but are not limited to, melaleuca, Australian pine, Brazilian pepper, bischofia, torpedo grass, primrose willow, and cattail. Treatment efforts must be tailored to prevent these species from becoming reproductively mature.~~
- ~~c) A minimum of 80% survival of each planted species. This rate shall be maintained each quarter except where species composition, density of planted and recruitment species and~~

~~overall wetland condition, growth rates and viability of the Areas are of higher quality, as determined by the County.~~

~~d) Hydrologic conditions and soil characteristics are in general conformity to those specified in plans. Data from the staff gauges must be collected every two weeks and submitted with the quarterly monitoring reports.~~

~~The Area shall be monitored and reports submitted quarterly for five (5) years describing in detail the condition of the Area relative to the reference wetland and the criteria listed above (B. 3.a-d).~~

~~B.4. Should the County determine that the Area is not achieving the listed criteria during some portion of the monitoring period; the licensee shall prepare plans that demonstrate clearly how the problem(s) will be corrected and submit such plans immediately to the County for approval. Those plans shall then be implemented within thirty (30) days of the County's written approval.~~

~~B.5. Introduction (direct or indirect) of Grass Carp (*Ctenopharyngodon idella*) is strictly prohibited. The Licensee shall properly employ and maintain Grass Carp exclusion devices as necessary to prevent entry into the area.~~

~~B.6. A Conservation Easement over the Area was approved by the Broward County Commission on 3/5/04.~~

~~B.7. A Letter of Credit for the sum of \$ 62,827.82 has been submitted by the applicant to cover construction, monitoring and maintenance costs of the mitigation area. The document is presently under review, however, should the document be found unacceptable to the County, a replacement document shall be submitted in a form acceptable to the County and the County Attorney's Office within thirty (30) days of the County's written notification that the document was unacceptable.~~

~~C.1. Mitigation for impacts to 1.52 acres of wetlands shall be the purchase of 0.45 freshwater herbaceous credit from the Everglades Mitigation Bank (WATER= 0.29) pursuant to a modification of Florida Department of Environmental Protection (FDEP) Environmental Resource Permit No.132637449. Proof of the modification to the FDEP permit shall be submitted to the County's Development and Environmental Regulation Division prior to wetland impacts. Wetland impacts are prohibited until the County is in receipt of this information.~~

Changes from modification #1 shall be modified as follows (deletions are shown with strikethrough and changes are **bold**):

~~B.6. The Joint Deed of Conservation Easement previously recorded on 06/28/15 in OR Book 39951, page 1517 shall be amended to reflect the 0.50 acre wetland that shall remain on site (form attached). Since there have been no impacts to the site and the mitigation area has not been constructed, additional mitigation for the amendment of the Conservation Easement shall not be required.~~

~~B.7. The Amended Conservation Easement documents shall be submitted to the Department within 30 days of license issuance or prior to any impacts on site, whichever comes first. The Amended Conservation Easement must be completed and approved to form by the County Attorney's office prior to the mitigation area being turned over to other parties or the property sold.~~

C.2. Proof of payment in full for ~~0.59~~ **0.74** mitigation credit shall be submitted to the Department prior to any impacts on site or within 30 days of license issuance, whichever comes first. Wetland impacts are prohibited until the Department is in receipt of this information.

C.3. Mitigation for the additional ~~1.7~~ **2.46** acres of unavoidable wetland impacts shall be the assignment of ~~0.59~~ **0.74** credits in the Loxahatchee Mitigation Bank pursuant to a modification of the

Florida Department of Environmental Protection (FDEP) Permit No. 0140969-001. Proof of the modification shall be submitted to this Department within 45 days of license issuance.

Attach this letter and drawings to the original license as they become a part thereof. These approved modifications are specific to the County Environmental Resource License for this project; therefore, it is the Licensee's responsibility to make sure that the changes are incorporated in other sets of project-related plans or permits, as necessary, for proper execution by on-site personnel.

If you have any questions regarding this modification approval, please feel free to contact Michelle Decker at (954) 519-1205 or mdecker@broward.org.

Sincerely,

Linda Sunderland

Linda Sunderland, NRS
Natural Resources Section Manager

June 26, 2019

Date

ENC:

1. Sec. 27-14 Administrative Review Procedures (4 pages)
2. One copy of revised stamped drawings (8 pages)

cc:

1. USACOE-PBG (via e-mail)
2. Brandon Justice, Broward County (via e-mail)

Sec. 27-14. Administrative review of EPGMD determinations.

- (a) A person with a substantial interest may file a petition to request review of or to intervene in a review of a final administrative determination made pursuant to this chapter concerning:
- (1) The requirement that a facility or activity obtain a license or environmental review approval.
 - (2) Interpretations of license or environmental review approval conditions.
 - (3) Interpretations of variance conditions.
 - (4) The decision to suspend or revoke a license or environmental review approval.
 - (5) The requirement of certain license conditions.
 - (6) The issuance of a license or environmental review approval.
 - (7) The denial of a license or environmental review approval.
 - (8) The scope of a license or environmental review approval, geographic or otherwise.
 - (9) The scope of a variance, geographic or otherwise.
 - (10) The issuance of a stop work order.
 - (11) Similar final administrative determinations.

This administrative review procedure shall be the only means of review available for the above final administrative determinations by either the petitioner or the intervenor (the parties).

- (b) person may not obtain review by this procedure of:
- (1) The issuance or adjudication of or other matters involving a notice of violation or a citation.
 - (2) Internal policy decisions
- (c) A person desiring a review of a staff determination made pursuant to this Chapter shall first bring the determination to the attention of the appropriate section supervisor to attempt to resolve the matter. If a resolution cannot be reached, then the decision shall be reviewed by successive supervisory levels until the issue is resolved or reaches the level of the director or his or her designee for the final determination.
- (d) A person desiring administrative review of a final determination made by the director or the designee shall file a petition with the director for review by the hearing examiner. The petition shall be filed within ten (10) days from the rendition of the action taken or of the decision made by the director. An entity whose license or approval is being challenged shall be a party to the action.
- (e) The review shall not be heard until the provisions of subsection (f) are met. Upon motion to the hearing examiner, an insufficient petition shall be dismissed with or without leave to refile. If a petition is determined to be insufficient by the hearing examiner and the petitioner has been given leave to refile by the hearing examiner, unless otherwise ordered by the hearing examiner, the petitioner must refile within ten (10) days of the rendition of the order of dismissal or the petition will be dismissed with prejudice.

- (f) A sufficient petition for review or petition for intervention in the review shall, at a minimum, contain the following information:
- (1) The nature of the determination sought to be reviewed.
 - (2) A short, plain statement of the facts which form the subject matter upon which the determination was made as asserted by all parties of record at the time that the petition is filed; a statement of the material facts in dispute, if any. If any party is unable to state the matters in sufficient detail at the time initial petition is filed, the petition may be limited to a statement of the issues involved; and thereafter, upon timely written motion, a more definite and detailed statement shall be furnished not less than seven (7) days prior to the date set for the hearing.
 - (3) The specific determination for which the review is sought.
 - (4) The specific legal grounds upon which the parties seek review of the determination.
 - (5) A short statement of the petitioner's or the intervenor's substantial interest in the matter to be reviewed.
 - (6) The specific section of this chapter on which the decision is based, if known, and the specific section that the parties allege should control the decision, if known.
 - (7) A copy of the director's or the designee's written final determination.
 - (8) A statement of the relief requested stating precisely the action that the petitioner wants EPGMD to take with respect to the final determination.
- (g) All pleadings or other documents filed in the proceeding must be signed by a party, the party's attorney, or the party's qualified representative. The signature of a party, the party's attorney or a party's qualified representative constitutes a certificate that he or she has read the pleading or other document and that to the best of his or her knowledge, information, and belief formed after reasonable inquiry, it is not brought for any improper purposes, such as to harass or to cause unnecessary delay or for frivolous purpose or needless increase in the cost of litigation. If a pleading or other document is signed in violation of these requirements, the hearing examiner, upon motion or his or her own initiative, shall dismiss the matter.
- (h) A petitioner or intervenor may request an emergency hearing to stay all activities or work conducted pursuant to the challenged license or approval. Such petitioner or intervenor has the burden of proof to show by a preponderance of the evidence that the continued activities would cause substantial pollution or degradation to the environment. An emergency hearing shall be scheduled by EPGMD and be held within five (5) days of said request or as soon thereafter as possible subject to the availability of the hearing examiner. The petitioner or intervenor shall comply with the notice provisions of section 27-14(j)(2)a. and c. and section 27-14(j)(3) and (4) of this chapter.
- (i) The petition for review will not stay environmental protection activities required for the remediation or mitigation of a site or facility, the protection of the environment or the health, safety and welfare of the citizens of Broward County, or the prevention of further environmental degradation. The person responsible for these activities must take all necessary steps to prevent environmental degradation and must conduct the remediation or mitigation activities required by this chapter. The director may allow these activities to be delayed until after the hearing examiner's decision by certifying to

the hearing examiner that, by reason of facts stated in the certificate, a delay in the initiation or completion of these activities would not cause substantial environmental degradation or peril to life or property. The delay for conducting these activities may be subject to appropriate terms to ensure protection of the environment. The person responsible for these activities shall be responsible for any environmental damage or any violation of this chapter caused by the delay.

(j) Notice and Scheduling Requirements:

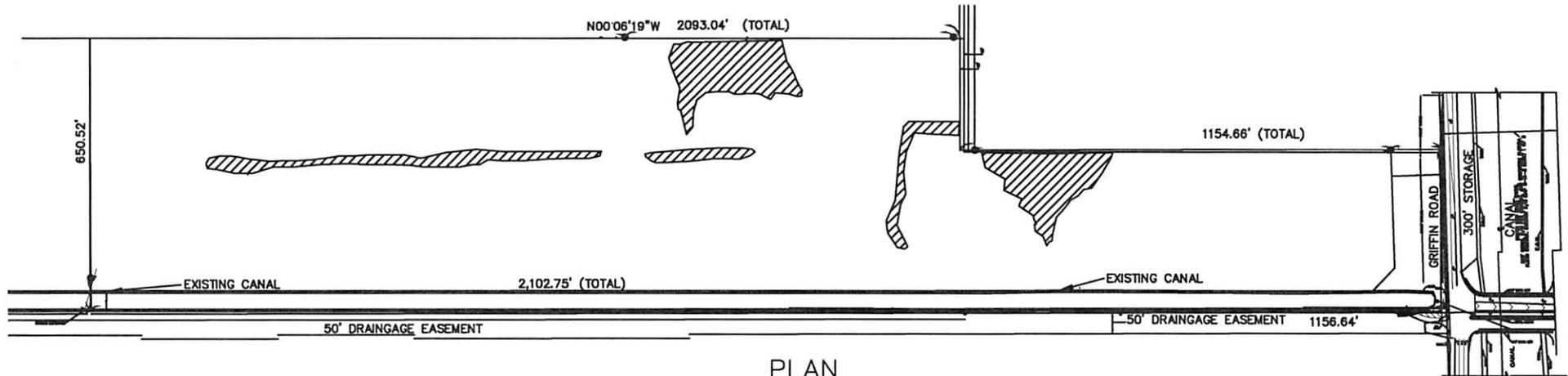
- (1) The hearing on the review shall be scheduled within a reasonable time. It shall be the responsibility of the petitioner to request through EPGMD that the hearing date be scheduled. It shall also be the responsibility of the petitioner to give notice in accordance with this section at least ten (10) days prior to the hearing.
 - (2) The petitioner shall give notice of the hearing by:
 - a. Giving personal notice to all proper parties; and
 - b. Publishing notice on two (2) days in a newspaper of general circulation in the county; and
 - c. Posting notice at a location determined by the Broward County Administrator's Office.
 - (3) The petitioner shall bear the cost of giving notice.
 - (4) The notice shall contain, at a minimum:
 - a. A description and location of the facility or the activity to be conducted by the petitioner; and
 - b. The time and place of the hearing.
- (k) The petitioner shall bear the cost of accurately and completely preserving all testimony and providing full or partial transcripts to all parties.
- (l) The hearing shall be a quasi-judicial hearing.
- (1) The applicant/petitioner requesting the administrative review, any intervenor/petitioner and EPGMD shall have an opportunity to respond to and to present witnesses, other evidence and argument on all issues involved, to conduct cross-examination and submit rebuttal evidence, to submit proposed findings of facts and orders, and to be represented by counsel. Members of the general public who are not intervenors as set forth in Section 27-14 of this chapter are not parties to the proceeding.
 - (2) When appropriate, the general public may be given an opportunity to present oral or written communications. If the hearing examiner proposes to consider such material, then all parties shall be given an opportunity to cross-examine, challenge or rebut it.
- (m) Denial, protest of, revocation, or suspension of a license, environmental review approval, or any other approval:
- (1) In regard to denial or protest of approval of a license and any other review of an administrative decision, notwithstanding (2) below, the petitioner shall have the burden of showing, by a preponderance of the evidence, that the determination of the director was an arbitrary and/or capricious abuse of discretion, not supported by competent, substantial evidence or not in conformance with the

essential requirements of this chapter. The hearing examiner shall not substitute his or her judgment for that of EPGMD on an issue of discretion even though the hearing examiner may have reached a different conclusion based on the same facts.

- (2) In an action to revoke or suspend a valid license or approval, the burden shall be upon EPGMD to prove, by a preponderance of the evidence in an administrative hearing, the grounds for revocation or suspension. The license holder or approval recipient shall be provided notice of the hearing and a copy of the petition stating the grounds for revocation or suspension as provided in section 27-63 of this chapter. The petition shall state with specificity the acts complained of in order to allow the license holder or approval recipient an opportunity to prepare a defense. The hearing shall be conducted in accordance with the provisions of Section 27-37 of this chapter.
- (n) Findings of fact shall be based exclusively on the evidence of record and on matters officially recognized.
 - (o) If the hearing examiner finds that the director or his or her designee has erroneously interpreted a provision and that a correct interpretation compels a particular action, he or she shall remand the case to the director or his or her designee for further action under a correct interpretation of the provision.
 - (p) The hearing examiner shall complete and submit to the director and all parties a final order consisting of his or her findings of fact and conclusions of law.
 - (q) A party to the hearing may obtain appellate review of the final order as provided by section 27-42 of this chapter.
 - (r) A petitioner or intervenor shall pay a filing fee at the time the application for review is filed. The amount of the filing fee shall be set by resolution of the Board.

(Ord. No. 2003-34, § 1, 9-23-03; Ord. No. 2005-08, § 2.03, 4-26-05)
Secs. 27-15--27-19. Reserved.

NORTH
SCALE - 1" = 375'



PLAN

AREA SUMMARY

TOTAL SITE 36.13 ACRES
 JURISDICTIONAL WETLANDS - 2.46 ACRES
 IMPACTED WETLANDS - 2.46 ACRES



1	OFF-SITE MITIGATION	06/21/19	PRJ
NO.	REVISION	DATE	BY

JURISDICTIONAL WETLANDS
TARA PLAT
FOR: AKAI ESTATES, LLC
SOUTHWEST RANCHES, FLORIDA
BROWARD CO., S25 & 36 - T50 - R39

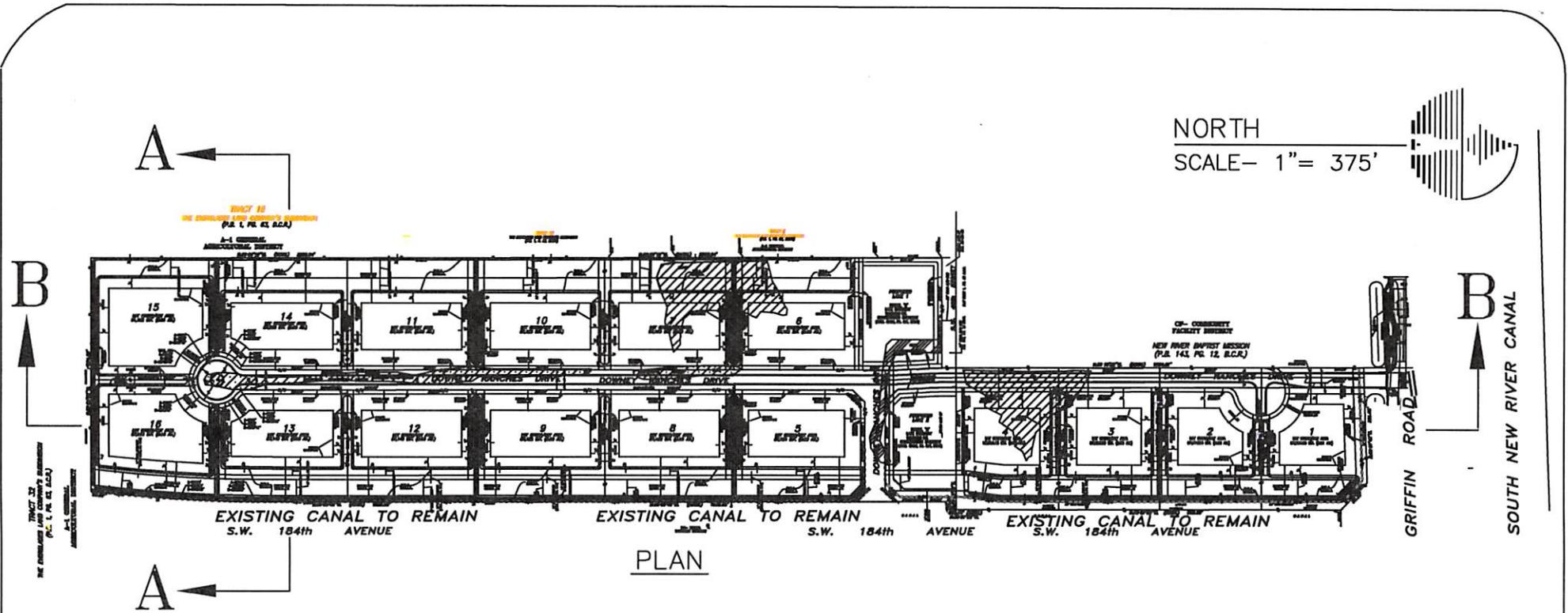


PHILLIP R. JIMRUSTI
 & ASSOCIATES, INC.
 ECOLOGICAL ENGINEERS
 ENVIRONMENTAL CONSULTANTS
 4085 S.W. HONEY TERRACE
 PALM CITY, FLORIDA 34980
 (954) 370-8870

PROJECT No. 385-1
COMP. NAME TARA PLAT
FILE NAME TARA PLAT
DATE 11/24/03
SHEET 2 OF 4

Broward County EEPD
 Page 1 of 8
 06/26/19

BROWARD COUNTY EEPD JUN 25 2019



PLAN

SUMMARY

TOTAL AREA - 36.13 AC.
 SURFACE AREA OF LAKE - 1.72 AC.
 TOTAL EXCAVATION - 25,000 CY
 EXCAVATION IN WETLANDS - 3,000 CY
 FILL IN WETLANDS - 9,000 CY

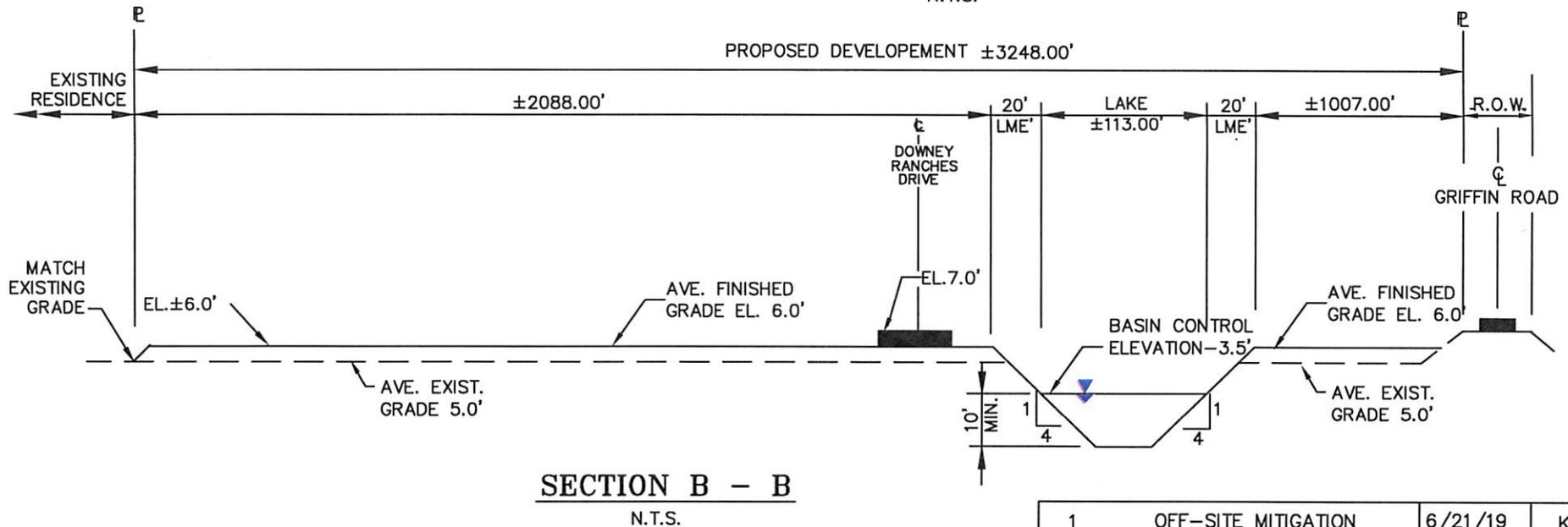
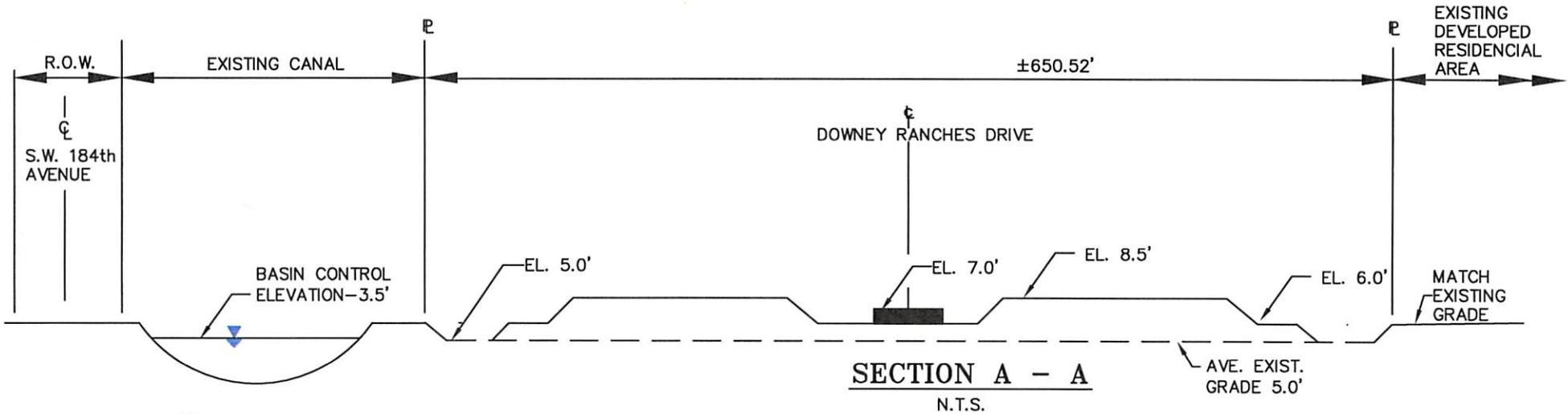
1	OFF-SITE MITIGATION	06/21/19	PRJ
NO.	REVISION	DATE	BY

SITE PLAN
 TARA PLAT
 FOR:
 AKAI ESTATES, LLC
 SOUTHWEST RANCHES, FLORIDA
 BROWARD CO., S25 & 36 - T50 - R39



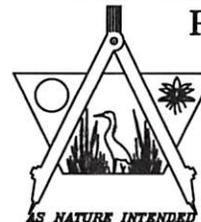
PHILLIP R. JIMRUSTI
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 ENVIRONMENTAL CONSULTANTS
 4085 S.W. HONEY TERRACE
 PALM CITY, FLORIDA 34990
 (954) 370-8870

PROJECT No. 385-1
COMP. NAME SITE PLAN
FILE NAME TARA PLAT
DATE 11/24/03
SHEET 3 OF 4



1	OFF-SITE MITIGATION	6/21/19	KC
NO.	REVISION	DATE	BY

CROSS SECTION AA - BB
 TARA PLAT
 FOR:
 AKAI ESTATES, LLC
 SOUTHWEST RANCHES, FLORIDA
 BROWARD CO., S25 & 36 - T50 - R39



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PROJECT No. 385-1
COMP. NAME CROSS-SEC.
FILE NAME TARA PROPERTY
DATE 11/24/03
SHEET 4 OF 4

Wetland Rapid Assessment Procedure

(WRAP)

Application Number	Project Name <u>1000 Property</u>	Date	Evaluator <u>K. Melton</u>	Wetland Type <u>Forested Wetland</u>																																
Land Use	FLUCCS Code <u>1000</u>	Description <u>Forested wetland</u>		Wetland Acres <u>2.46</u>																																
Wildlife Utilization (WU)	Wetland Canopy (OS)		Wetland Ground Cover (GC)																																	
Habitat Support / Buffer	Field Hydrology (HYD)		WQ Inlet & Treatment (WQ)																																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Buffer type</th> <th>Score</th> <th>X (% of area)</th> <th>=Sub Total</th> </tr> </thead> <tbody> <tr> <td>Road</td> <td>0</td> <td>25%</td> <td>0</td> </tr> <tr> <td>Residential</td> <td>1</td> <td>75%</td> <td>.75</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>.75</td> </tr> </tbody> </table>	Buffer type	Score	X (% of area)	=Sub Total	Road	0	25%	0	Residential	1	75%	.75	TOTAL			.75			<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Land use Category (LU)</th> <th>Score</th> <th>X (% of area)</th> <th>=Sub Total</th> </tr> </thead> <tbody> <tr> <td>low volume highway</td> <td>2</td> <td>25%</td> <td>.50</td> </tr> <tr> <td>low density residential</td> <td>2</td> <td>75%</td> <td>1.50</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>2.00</td> </tr> </tbody> </table>		Land use Category (LU)	Score	X (% of area)	=Sub Total	low volume highway	2	25%	.50	low density residential	2	75%	1.50	TOTAL			2.00
Buffer type	Score	X (% of area)	=Sub Total																																	
Road	0	25%	0																																	
Residential	1	75%	.75																																	
TOTAL			.75																																	
Land use Category (LU)	Score	X (% of area)	=Sub Total																																	
low volume highway	2	25%	.50																																	
low density residential	2	75%	1.50																																	
TOTAL			2.00																																	
WRAP Score <u>.26</u>		LU TOTAL <u>2.00</u>		WQ TOTAL <u>2.00</u>																																

The value of WQ is obtained by adding the TOTAL scores of Land use Category and Re-treatment Category then dividing by 2

$0.26 \text{ WRAP} \times 1.96 \text{ ac impacts} \times 1.15 = 0.59 \text{ credit!}$

Field Notes:

Wildlife Utilization (WU)	Minimal evidence of wildlife utilization. Birds + small mammals. 2.46
Wetland Canopy (OS)	No desirable wetland overstory. Canopy vegetation consisted of melaleuca, Brazilian pepper, Australian Pine, Bacheria, Myrsine + Lead tree
Wetland Ground Cover (GC)	Minimal desirable vegetative ground cover consists of royal fern, sawgrass + Spikerush. Approximately 50% of undesirable vegetation consists of Ludwigia, Typha, Torpedogras, Brown sedge, water plant, dog fern etc
Habitat Support / Buffer	25% - Road. 75% - low density residential
Field Hydrology (HYD)	Hydrologic regime is inadequate to maintain a viable wetland system.
WQ Inlet & Treatment (WQ)	75% - Swales with dry detention 25% - wet + dry



August 10, 2016

Matt Wilson
Environmental Specialist
Florida Department of Environmental Protection
Mining and Mitigation Program
MS 3577
2600 Blair Stone Road, MS 3577
Tallahassee, FL 32399-2400

SUBJECT: Loxahatchee Mitigation Bank
Request for Withdrawal of Mitigation Credits
Akai Estates LLC (Downey Ranches)

REF: Environmental Resource Permit No. 0140969-001, and
Specific Condition 19 – Mitigation Credit Withdrawal

Dear Mr. Wilson:

This letter is a request for withdrawal of 0.74 freshwater herbaceous credits from the Credit Ledger for the Loxahatchee Mitigation Bank in association with Akai Estates LLC (Downey Ranches) project located in Broward County, Florida. This request is made under the provision of Specific Condition 19 of our approved Environmental Resource Permit. In support of this request, the following information is provided:

- ◆ Impact Permittee: Akai Estates LLC (Downey Ranches)
- ◆ ERP No: 06-07153-P
- ◆ Mitigation Requirement: 0.74 freshwater herbaceous

Attached is our updated “draft” credit ledger reflecting the requested withdrawal transaction. Copies of the salient pages from the impact project permit also are attached.

We appreciate your consideration of this credit withdrawal request. If you have any questions about this request, please contact me at (772) 781-3414.

Sincerely,


Kristin K. Bennett
Project Development and Management

attachments

cc: Alex Yokana, Akai Estates, LLC
Kristin Campbell, Phillip R. Jimrusti & Assoc.



ATTACHMENT F
Loxahatchee Mitigation Bank Credit Ledger
Environmental Resource Permit No. 0140969-001
August 10, 2016

DRAFT

Freshwater Herbaceous Wetlands: Total Credits Assigned = 520.40

<u>Release Mod/ Impact Permit</u>	<u>Permit Date</u>	<u>Issuing Agency</u>	<u>Ledger Modification</u>	<u>Credits Added</u>	<u>Credits Used</u>	<u>Balance</u>
Credit Release		DEP	13-Nov-00	78.03		78.03
50-04600-P	15-Mar-01	SFWMD	13-Apr-01		2.79	75.24
50-04215-P02	12-Apr-01	SFWMD	26-Apr-01		6.40	68.84
50-04796-P	15-Mar-01	SFWMD	14-May-01		0.44	68.40
50-00633-S-03	11-May-01	SFWMD	22-May-01		0.32	68.08
50-04852-P	10-May-01	SFWMD	08-Jun-01		0.90	67.18
50-00633-S-02	09-Mar-01	SFWMD	08-Jun-01		0.97	66.21
50-04893-P	14-Jun-01	SFWMD	31-Jul-01		10.82	55.39
50-04344-P	25-Jul-01	SFWMD	31-Jul-01		0.51	54.88
50-04763-P	15-Mar-01	SFWMD	27-Aug-01		0.08	54.80
50-00610-S-02	05-Jul-01	SFWMD	05-Sep-01		1.00	53.80
50-00422-S-02	12-Jul-01	SFWMD	05-Sep-01		13.49	40.31
50-04849-P	13-Apr-01	SFWMD	12-Sep-01		0.20	40.11
50-05061-P	13-Sep-01	SFWMD	18-Oct-01		3.38	36.73
06-03326-P	11-Oct-01	SFWMD	06-Nov-01		2.30	34.43
50-05107-P	11-Oct-01	SFWMD	06-Nov-01		10.23	24.20
50-05319-P	14-Mar-02	SFWMD	18-Mar-02		17.44	6.76
Credit Release	n/a	DEP	02-Apr-02	8.10		14.86
50-05252-P	02-May-02	SFWMD	10-May-02		5.60	9.26
50-00548-S-73	13-Jun-02	SFWMD	28-Jun-02		1.30	7.96
50-05461-P	11-Jul-02	SFWMD	12-Aug-02		1.02	6.94
50-05627-P	04-Oct-02	SFWMD	12-Nov-02		0.54	6.40
Credit Release	n/a	DEP	27-Dec-02	50.29		56.69
50-05541-P	10-Oct-02	SFWMD	08-Jan-03		4.67	52.02
50-05718-P	12-Dec-02	SFWMD	08-Jan-03		1.00	51.02
50-05585-P	12-Dec-02	SFWMD	08-Jan-03		6.00	45.02
50-00548-S	12-Dec-02	SFWMD	13-Jan-03		5.70	39.32
50-05719-P	12-Dec-02	SFWMD	23-Jan-03		2.00	37.32
50-0193521-001	26-Jun-02	DEP	14-Feb-03		0.92	36.40
Credit Release	n/a	DEP	09-Apr-03	14.76		51.16
50-00618-S-36	13-Feb-03	SFWMD	25-Apr-03		0.71	50.45
50-0209017-002	22-Apr-03	SFWMD	13-May-03		0.17	50.28
50-05719-P	08-Aug-03	SFWMD	20-Aug-03		7.00	43.28
50-06031-P	14-Aug-03	SFWMD	23-Sep-03		2.71	40.57
50-06078-P	11-Sep-03	SFWMD	06-Oct-03		4.83	35.74
50-06153-P	10-Oct-03	SFWMD	14-Nov-03		0.34	35.40
50-06032-P	07-Nov-03	SFWMD	24-Nov-03		2.65	32.75
Credit Release	n/a	DEP	09-Jan-04	56.94		89.69
50-06249-P	15-Jan-04	SFWMD	10-May-04		2.00	87.69
Credit Release	n/a	DEP	17-Jun-04	17.36		105.05
50-06209-P	14-Apr-04	SFWMD	28-Jul-04		0.91	104.14
50-01819-S-03	14-Apr-04	SFWMD	24-Aug-04		0.87	103.27
06-04239-P	03-Nov-04	SFWMD	19-Nov-04		0.13	103.14
06-04218-P/DF03-1261	0/2004 & 04/19/2005	SFWMD/EPGMD	01-Dec-04		26.05	77.09
50-03925-P	22-Dec-04	SFWMD	06-Jan-05		0.26	76.83
50-00610-S-13	12-Jan-05	SFWMD	11-Feb-05		1.08	75.75
50-06732-P	12-Jan-05	SFWMD	11-Feb-05		1.42	74.33
50-02564-S-02	09-Feb-05	SFWMD	13-May-05		1.00	73.33
50-00010-W	10-Nov-04	SFWMD	26-May-05		2.57	70.76
50-00610-S-12	09-Mar-05	SFWMD	23-Jun-05		0.38	70.38
Credit Release	n/a	DEP	30-Jun-05	17.36		87.74
50-00548-S	21-Jul-05	SFWMD	10-Aug-05		0.35	87.39
50-01329-S-20	13-Jul-05	SFWMD	10-Aug-05		1.50	85.89
50-07050-P	04-Aug-05	SFWMD	31-Aug-05		0.32	85.57
50-06984-P	13-Jul-05	SFWMD	22-Nov-05		0.87	84.70
50-06983-P	10-Aug-05	SFWMD	12-Dec-05		0.51	84.19
06-0235299-001/06-0228666-002/DF04-1155	7/2005 & 7/19/2005	DEP/BC EPD	03-Feb-06		0.25	83.94
50-07085-P	14-Sep-05	SFWMD	03-Feb-06		1.11	82.83
50-05422-P	09-Nov-05	SFWMD	14-Feb-06		1.59	81.24
50-07220-P	11-Jan-06	SFWMD	03-Mar-06		4.50	76.74
50-07173-P	18-Nov-05	SFWMD	14-Mar-06		0.15	76.59
50-00810-S-14	11-Jan-06	SFWMD	14-Mar-06		0.21	76.38
50-07040-P	23-Mar-06	SFWMD	19-Apr-06		1.25	75.13
50-07243-P	08-Feb-06	SFWMD	05-May-06		0.24	74.89
Credit Release	n/a	DEP	23-May-06	17.36		92.25
Permit Mod (50-06078-P)	11-Mar-04	SFWMD	21-Jun-06		(2.06)	94.31
06-01401-S-09/DF05-1312	9/2006 & 08/15/2006	SFWMD/BC EPD	28-Aug-06		0.50	93.81
DF06-1013 EPD	15-Aug-06	BC EPD	28-Aug-06		0.08	93.73
50-06978-P	13-Jul-05	SFWMD	27-Sep-06		26.00	67.73
50-00610-S-16	09-Aug-06	SFWMD	27-Sep-06		2.08	65.65
50-07306-P	10-May-06	SFWMD	19-Oct-06		2.45	63.20
50-07631-P	14-Dec-06	SFWMD	30-Jan-07		3.25	59.95
50-07593-P	09-Nov-06	SFWMD	23-Mar-07		0.88	59.07
50-07686-P	15-Mar-07	SFWMD	20-Apr-07		1.00	58.07

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50-07775-P	15-Mar-07	SFWMD	10-May-07		2.90	55.17
06-01835-S-32/DF06-1126	5/2007 & 7/24/20	SFWMD/BC EPD	10-May-07		1.09	54.08
Credit Release	n/a	DEP	16-Jul-07	17.36		71.44
50-00761-S-05	15-Mar-07	SFWMD	30-Jul-07		0.54	70.90
50-07889-P	14-Jun-07	SFWMD	15-Aug-07		4.53	66.37
50-07465-P	09-Aug-06	SFWMD	27-Aug-07		13.24	53.13
50-07787-P	12-Apr-07	SFWMD	06-Nov-07		14.58	38.55
50-0610-S-19	27-Jun-07	SFWMD	06-Nov-07		0.22	36.33
50-00422-S	11-Jan-07	SFWMD	06-Nov-07		1.60	36.73
50-07602-P	09-Nov-06	SFWMD	26-Feb-08		0.72	36.01
50-08380-P	15-Feb-08	SFWMD	26-Feb-08		0.36	35.65
50-03763-P	19-Apr-07	SFWMD	24-Apr-08		0.51	35.14
DF05-1113	30-Nov-06	BC EPD	24-Apr-08		0.20	34.94
50-08121-P	15-Nov-07	SFWMD	24-Apr-08		1.56	33.38
50-07161-W	26-Feb-08	SFWMD	14-May-08		0.43	32.95
Credit Release	n/a	DEP	19-Jun-08	17.36		50.31
Credit Release	n/a	DEP	19-Jun-08	17.36		67.67
50-08263-P	22-Apr-08	SFWMD	20-Jun-08		5.24	62.43
06-0284234-001/DF07-1150	26-Mar-08	BC EPD/BC EPD	20-Jun-08		0.38	62.05
DF07-1164	13-Jun-08	BC EPD	09-Sep-08		0.22	61.83
50-06709-P	24-Nov-04	SFWMD	09-Sep-08		0.39	61.44
50-00444-W	15-May-08	SFWMD	09-Sep-08		2.19	59.25
50-08644-P	14-Aug-08	SFWMD	09-Sep-08		1.74	57.51
50-07887-P	01-Jun-07	SFWMD	12-Nov-08		0.30	57.21
DF06-1065	26-Mar-08	BC EPD	12-Nov-08		0.11	57.10
50-01184-S-09	13-Jan-09	SFWMD	09-Feb-09		1.05	56.05
50-03987-P-03	13-Jan-09	SFWMD	09-Feb-09		0.62	55.43
50-06078-P	11-Jun-09	SFWMD	30-Jun-09		4.30	51.13
Credit Release	n/a	DEP	01-Jul-09	17.36		68.49
Credit Release	n/a	DEP	01-Jul-09	17.36		85.85
50-08178-P	12-Feb-09	SFWMD	22-Jan-10		2.76	83.09
50-04265-P	02-Nov-05	SFWMD	01-Apr-10		4.52	78.57
50-09272-P	15-Dec-09	SFWMD	29-Jun-10		0.20	78.37
50-02592-S	27-Apr-10	SFWMD	29-Jun-10		0.87	77.50
Credit Release	n/a	DEP	07-Jul-10	17.36		94.86
Credit Release	n/a	DEP	07-Jul-10	17.36		112.22
50-09195-P	17-Nov-09	SFWMD	29-Nov-10		0.67	111.55
06-05222-P		SFWMD	29-Nov-10		0.33	111.22
06-05415-P/DF06-1186	5/2008 & 05/01/2	SFWMD/BC EPD	12-Jul-11		1.86	109.36
Credit Release	n/a	DEP	06-Dec-11	17.36		126.72
50-00829-S-02	15-Mar-12	SFWMD	17-Apr-12		0.14	126.58
50-09895-P	21-Nov-11	SFWMD	17-May-12		2.90	123.68
50-08899-P	14-May-09	SFWMD	05-Jun-12		0.72	122.96
Credit Release	n/a	DEP	12-Jun-12	17.36		140.32
50-00610-S-25	21-May-12	SFWMD	10-Jul-12		2.30	138.02
06-02302-P	16-Apr-12	SFWMD	10-Jul-12		10.71	127.31
DF07-1012	30-May-08	BC EPD	10-Jul-12		0.14	127.17
50-00610-S-27	25-Jun-12	SFWMD	05-Oct-12		2.24	124.93
06-06449-P/DF12-1023	1/2012 & 09/28/20	DEP/BC EPD	14-Nov-12		8.92	116.01
06-00073-S-21/DF11-1095	09-Jul-12	DEP/BC EPD	03-Apr-13		1.85	114.16
43-0307892-001	17-May-12	DEP	03-Apr-13		0.05	114.11
50-10248-P	01-Apr-13	SFWMD	03-Jul-13		4.24	109.87
Credit Release	n/a	DEP	08-Jul-13	17.36		127.23
06-01401-S-11/DF12-1156	18-Jun-13	SFWMD/BC EPD	24-Jul-13		0.70	126.53
06-00073-S-19	18-Jun-13	SFWMD	03-Oct-13		8.00	118.53
DF11-1099	19-Jul-13	BC EPD	03-Oct-13		0.25	118.28
50-00610-S-24	04-May-10	SFWMD	03-Oct-13		13.70	104.58
50-09006-P	09-Dec-13	SFWMD	28-Mar-14		0.93	103.65
Credit Release	n/a	DEP	19-May-14	17.36		121.01
06-06897-P/DF13-1176	2/2014 & 9/17/1	SFWMD/BC EPD	27-Oct-14		27.13	93.88
06-06856-P/DF13-1141	1/23/14 & 9/22/1	SFWMD/BC EPD	27-Oct-14		0.40	93.48
50-10689-P	17-Dec-14	SFWMD	30-Dec-14		0.39	93.09
50-04716-P	10-Nov-14	SFWMD	30-Dec-14		10.84	82.25
50-10641-P	02-Oct-14	SFWMD	21-Jan-15		0.52	81.73
06-0330334-001	17-Mar-15	FDEP	01-Apr-15		0.07	81.66
DF14-1083	09-Feb-15	BC EPD	28-Apr-15		0.25	81.41
DF12-1151	24-Dec-14	BC EPD	28-Apr-15		1.27	80.14
Credit Release	n/a	DEP	22-Jun-15	17.36		97.50
06-00073-S-21	26-Jan-15	SFWMD	14-Dec-15		7.32	90.18
Credit Release	n/a	DEP	29-Feb-16	51.88		142.06
50-11032-P	09-Jun-16	SFWMD			0.57	141.49
50-10940-P	23-Feb-16	SFWMD			0.91	140.58
06-07272-P/DF15-1163	2/2016 & 7/11/1	SFWMD/BC EPD			2.21	138.37
06-07282-P	7-Mar-16	SFWMD			10.34	128.03
50-05896-P-02	21-Dec-15	SFWMD			1.81	126.22
06-07153-P	16-Mar-16	SFWMD			0.74	125.48

Loxahatchee Mitigation Bank Credit Ledger
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Freshwater Forested Wetlands: Total Credits Assigned = 121.20

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Release Mod/ Impact Permit	Permit Date	Issuing Agency	Ledger Modification	Credits Added	Credits Used	Balance
Credit Release		DEP	13-Nov-00	18.17		18.17
50-0172062-001	07-Sep-00	DEP	29-Dec-00		0.10	18.07
50-04796-P	15-Mar-01	SFWMD	14-May-01		2.00	16.07
50-04763-P	15-Mar-01	SFWMD	27-Aug-01		0.98	15.09
50-00422-S-02	12-Jul-01	SFWMD	05-Sep-01		10.80	4.29
50-05319-P	14-Mar-02	SFWMD	18-Mar-02		3.60	0.69
Credit Release	n/a	DEP	02-Apr-02	1.90		2.59
50-05461-P	11-Jul-02	SFWMD	12-Aug-02		1.44	1.15
Credit Release	n/a	DEP	27-Dec-02	11.71		12.86
Credit Release	n/a	DEP	09-Apr-03	3.44		16.30
50-00618-S-36	13-Feb-03	SFWMD	25-Apr-03		0.45	15.85
50-02638-S	10-Jul-03	SFWMD	05-Aug-03		5.75	10.10
50-05719-P	08-Aug-03	SFWMD	20-Aug-03		3.00	7.10
41-01666973-001	06-Mar-01	DEP			6.20	0.90
Credit Release	n/a	DEP	09-Jan-04	13.26		14.16
Credit Release	n/a	DEP	17-Jun-04	4.04		18.20
06-0228274-001/DF03-1262	6/2004 & 4/22/20	DEP/BC EPD	22-Jun-04		0.15	18.05
50-06370-P	14-Apr-04	SFWMD	04-Jan-05		1.94	16.11
50-06590-P	13-Oct-04	SFWMD	14-Jan-05		1.16	14.95
50-06732-P	12-Jan-05	SFWMD	11-Feb-05		1.36	13.59
50-06666-P	09-Mar-05	SFWMD	29-Apr-05		0.79	12.80
50-00610-S-12	09-Mar-05	SFWMD	23-Jun-05		0.83	11.97
Credit Release	n/a	DEP	30-Jun-05	4.04		16.01
50-03723-P-05	08-Jun-05	SFWMD	11-Nov-05		12.50	3.51
50-00610-S-14	11-Jan-06	SFWMD	14-Mar-06		0.30	3.21
50-07243-P	08-Feb-06	SFWMD	05-May-06		1.45	1.76
Credit Release	n/a	DEP	23-May-06	4.04		5.80
Credit Release	n/a	DEP	16-Jul-07	4.04		9.84
50-07889-P	14-Jun-07	SFWMD	15-Aug-07		0.59	9.25
50-07465-P	09-Aug-06	SFWMD	27-Aug-07		1.31	7.94
50-07584-P	09-Nov-06	SFWMD	06-Nov-07		0.39	7.55
50-04151-P-02	04-Dec-06	SFWMD	06-Nov-07		0.80	6.75
50-07433-P	12-Jul-06	SFWMD	24-Apr-08		5.01	1.74
50-07181-W	26-Feb-08	SFWMD	14-May-08		0.08	1.66
Credit Release	n/a	DEP	19-Jun-08	4.04		5.70
Credit Release	n/a	DEP	19-Jun-08	4.04		9.74
50-00444-W	15-May-08	SFWMD	09-Sep-08		0.98	8.76
50-06666-P	11-Sep-08	SFWMD	12-Nov-08		0.67	8.09
Credit Release	n/a	DEP	01-Jul-09	4.04		12.13
Credit Release	n/a	DEP	01-Jul-09	4.04		16.17
EI-50-0291103-001	19-Nov-08	DEP	24-Aug-09		0.52	15.65
50-04265-P	02-Nov-05	SFWMD	01-Apr-10		0.85	14.80
Credit Release	n/a	DEP	07-Jul-10	4.04		18.84
Credit Release	n/a	DEP	07-Jul-10	4.04		22.88
Credit Release	n/a	DEP	06-Dec-11	4.04		26.92
50-09316-P	04-Mar-10	SFWMD	05-Jun-12		0.05	26.87
50-08899-P	14-May-09	SFWMD	05-Jun-12		0.61	26.26
Credit Release	n/a	DEP	12-Jun-12	4.04		30.30
DF07-1099	07-Nov-08	BC EPD	10-Jul-12		0.31	29.99
Credit Release	n/a	DEP	08-Jul-13	4.04		34.03
11-00396-S-02	02-Jan-14	SFWMD	14-Jan-14		2.60	31.43
Credit Release	n/a	DEP	19-May-14	4.04		35.47
50-02754-S	16-May-14	SFWMD	01-Aug-14		0.50	34.97
06-01465-S	15-Dec-14	SFWMD	30-Dec-14		0.04	34.93
DF14-1230	03-Apr-15	BC EPD	28-Apr-15		0.02	34.91
50-10718-P	19-Feb-15	SFWMD	28-Apr-15		0.34	34.57
06-06231-P / DF14-1083	1/20/15 & 02/09/1	SFWMD/BC-EPD	28-Apr-15		0.30	34.27
Credit Release	n/a	DEP	22-Jun-15	4.04		38.31
Credit Release	n/a	DEP	29-Feb-16	12.12		50.43
DF15-1092	07-Mar-16	BC EPD	04-Apr-16		0.64	49.79
DF14-1165	24-Dec-15	BC EPD	04-Apr-16		0.54	49.25

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