

**LAKE BELT MITIGATION COMMITTEE**

**ANNUAL REPORT FOR 2004**

Submitted to the

GOVERNING BOARD

Of the

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

In Accordance with Florida Statutes 373.41492(9)(a)



Lake Belt Mitigation Committee  
2004 Annual Report  
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## **I. Background**

In 1999 the Florida Legislature established a mitigation fee on each ton of lime rock and sand sold from the Miami-Dade County Lake Belt Area. The purpose of this fee is to provide for the mitigation of wetland resources lost to mining activities within this area.

The Legislature found that the impact of rock mining could best be offset by the implementation of a comprehensive mitigation plan, as recommended in the 1998 Progress Report to the Florida Legislature by the Miami-Dade County Lake Belt Plan Implementation Committee. Legislation was adopted in s. 373.4149(1) F.S., authorizing the mitigation fee and governing its use.

The mitigation fee became effective on October 1, 1999 at the initial rate of 5.00 cents for each ton of lime rock and sand sold. The fee applies to raw, processed, or manufactured limestone, cement, and concrete products. The mitigation fee is collected by the Florida Department of Revenue and deposited to a trust fund at the South Florida Water Management District (SFWMD). An interagency committee, referred to as the Lake Belt Mitigation Committee (Committee), must approve expenditures from the trust fund.

Florida Statute 373.41492 9 (a) states: "the interagency committee established in this section shall annually prepare and submit to the governing board of the South Florida Water Management District a report evaluating the mitigation costs and revenues generated by the mitigation fee."

Additional information on the Miami-Dade County Lake Belt Plan Implementation Committee, including copies of the Plan, Annual Progress Reports and Technical Reports, is available at the web site <http://www.sfwmd.gov/org/pld/proj/lakebelt/index.html>.

## **II. Legislative Guidance**

The proceeds of the mitigation fee must be used to conduct mitigation activities to offset the loss of value and functions of wetlands resulting from mining activities. The fees must be used in a manner consistent with the recommendations contained in the reports submitted to the Legislature by the Miami-Dade County Lake Belt Plan Implementation Committee and adopted under s. 373.4149, F.S.

The Lake Belt Phase I Plan, submitted to the legislature on February 1997, states: *"Mitigation for rock mining in the Lake Belt Area should occur within the Pennsuco wetlands, the Northwest Bird Drive Basin, or other areas in the Lake Belt Area or Dade County, including in mitigation banks, as determined appropriate by the permitting agencies."* (Page 21, "Northwest Dade County Freshwater Lake Belt Plan, Making a Whole, Not Just Holes", 1997).

Mitigation fees may be used for the purchase, enhancement, restoration, and management of wetlands and uplands, the purchase of mitigation acres from a permitted mitigation bank, and any structural modifications to the existing drainage system to enhance the hydrology of the Miami-Dade County Lake Belt Area.

Funds may also be used to reimburse other funding sources including the Save Our Rivers Land Acquisition Program and the Internal Improvement Trust Fund. These reimbursements must be for lands acquired in areas appropriate for mitigation and to reimburse governmental agencies that exchanged land under s. 373.4149, F.S. for mitigation due to rock mining.

### **III. Committee Representation**

The Lake Belt Mitigation Committee is authorized under s. 373.4149, F.S. Meetings are held on an as needed basis at locations determined by the committee. All meetings are open to the general public and are held under requirements of Florida Statutes Chapter 286.011.

The Lake Belt Mitigation Committee consists of following members. At the Committee's discretion, additional members may be added to represent federal regulatory, environmental, and fish and wildlife agencies.

#### **Voting Members:**

Florida Department of Environmental Protection (DEP)  
Janet Llewellyn (Committee Chair)  
Howard Hayes, Alternate

South Florida Water Management District (SFWMD)  
Terrie Bates (Committee Vice Chair)  
Anita Bain, Alternate

Miami-Dade County Department of Environmental Resources Management (DERM)  
Carlos Espinosa  
Susan Markley, Alternate  
Matt Davis, Alternate

Florida Fish and Wildlife Conservation Commission (FWCC)  
Stephen Lau

U.S. Army Corps of Engineers (USACOE)  
John Studt  
Tori White, Alternate

U.S. Environmental Protection Agency (USEPA)  
Veronica Fasselt  
Ron Miedema, Alternate

U.S. Fish and Wildlife Service (USFWS)  
Spencer Simon  
Linda Ferrell, Alternate

**Non-Voting Member:**

Rock Mining Coalition  
Tom MacVicar  
Jeff Rosenfeld, Alternate

## **IV. Committee Administration**

**Accounting** - The balance in the trust fund as of December 31, 2003 was \$3,831,281. During 2004, \$3,109,122 was transferred to the trust fund from the Florida Department of Revenue and \$113,909 was earned as interest. During 2004, total transfers out and approved expenditures from the Trust Fund were \$864,807. On December 31, 2004, the available balance (including interest) in the rock miner's mitigation trust fund was \$6,189,505. Appendix B shows the cash receipts and interest earned by the Lake Belt Trust Fund for the year ending 2004.

Appendix C shows the cash flow/expenditure summary developed for the Committee. The summary includes all expenditures/mitigation acres approved by the Committee from 2002 through 2004, as well as the cash flow summary.

**Mitigation Fee** – Fees collected are based upon costs estimated by the SFWMD staff for the acquisition, management, and perpetual maintenance of land in the Pennsuco. During 1999, an interagency team of economists calculated the rate of the fee and determined the most appropriate method for annually adjusting the fee. This approach was codified in statute.

Beginning January 1, 2001 and each January 1<sup>st</sup> thereafter, the per-ton mitigation fee is increased by 2.1 percent, plus a cost growth index specified in the statute. Below is a listing of the annual mitigation fee calculated by the Florida Department of Revenue.

2001 .....	5.33 cents per ton
2002 .....	5.60 cents per ton
2003 .....	5.80 cents per ton
2004 .....	6.20 cents per ton
2005 .....	6.60 cents per ton

**Table 1. Summary - Lake Belt Mitigation Trust Fund Cash Receipts**

CALENDAR YEAR	ROCK MINING MITIGATION FEES	INTEREST EARNED	TOTAL FEES & INTEREST
2000 *	\$2,386,463	\$ 78,162	\$2,464,625
2001	\$2,227,895	\$167,611	\$2,395,506
2002	\$2,436,950	\$174,384	\$2,611,334
2003	\$2,761,957	\$205,836	\$2,967,793
2004	\$3,109,122	\$113,909	\$3,223,031
<b>TOTAL</b>	\$12,922,387	\$739,902	\$13,662,289

\*Includes fees from mining as of Oct. 1, 1999. Initial receipt from Florida Department of Revenue to the SFWMD was in January 2000.

**Expenditures & Transfers** – Total expenditures approved in 2004 from the Lake Belt Mitigation Trust Fund were \$864,807. On October 28, 2004, the Committee authorized an expenditure of \$864,000 for the purchase of 160 acres formerly owned by Florida Rock Industries and an encumbrance of \$491,360 for the enhancement/long-term management of this property. The expenditure (160 acres x \$5,400/acre) will reimburse the Florida Department of Environmental Protection, Division of State Lands, which acquired the property through a land swap with Florida Rock Industries. The encumbrance (160 acres x \$3,071/acre) will reimburse SFWMD for enhancement/long-term management costs. The \$807 expenditure was for administrative costs associated with the operation of the Lake Belt Mitigation Committee.

As shown in Appendix C, the total encumbrance to SFWMD for Pennsuco enhancement/long-term management is currently \$7,047,331. Pursuant to an understanding between the Committee and SFWMD, the Committee will transfer the money from the Lake Belt Trust Fund to SFWMD (at some date in the future upon SFWMD's request) to pay for the identified enhancement/long-term management costs. The encumbrance is being maintained within the Trust Fund, in order to have funds readily available for potential land acquisition/enhancement activities.

## **V. Summary of Mitigation / Mining Activities**

Summaries of annual expenditures / mitigation acres approved by the Committee for 2002-2004 are included in Appendix C. The Committee has approved a total of 2,302.8 mitigation acres, which has resulted in the acquisition, enhancement, and long-term management of 615.6 acres in Pennsuco and the enhancement and long-term management of an additional 3,375.4 acres in Pennsuco.

**Table 2. Lake Belt Mitigation Activities**

Calendar Year	Pennsuco Acquisition, Enhancement, & Long-Term Management (Acres)	Pennsuco Enhancement, & Long-Term Management (Acres) <sup>1</sup>	Other (Acres)	Committee Approved Mitigation Acres
2002	455.6	1,240.6		1,075.9
2003	0	2,134.8		1,067.4
2004	160.0	0	-0.5 <sup>2</sup>	159.5
<b>TOTAL</b>	615.6	3,375.4	-0.5	2,302.8

<sup>1</sup> The number of mitigation acres for enhancement and long-term management is equal to one-half the number of actual treated acres (per Committee decision).

<sup>2</sup> Mitigation for wetland impacts from monitoring well access construction required under the Lake Belt permits.

The Mining Industry submits an Annual Report to the U.S. Army Corps of Engineers, Florida Department of Environmental Protection, and Miami-Dade County Department of Environmental Resources Management to document the changes in mining and wetland acreages, and summarize the ecological balance between the wetland impacts and wetland mitigation funded through the Lake Belt Mitigation Committee. This information is summarized below in Table 3. Approximately 90% of the wetland impacts from April 2002 to April 2004 have been in mining areas that had existing permits prior to the issuance of the Lake Belt permits commencing in 2002.

Pursuant to Florida Statute 373.41492(7), the mitigation fee established by the Legislature “satisfies the mitigation requirements imposed under ss.373.403-373.439 and any applicable county ordinance for loss of the value and functions from mining of the wetlands identified as rock mining supported and allowable areas of the Miami-Dade County Lake Plan adopted by s. 373.4149(1).” The mitigation fee calculation was based on many factors (estimated mining rates, values and functions of wetlands in the mining area and Pennsuco, land acquisition and restoration costs), and included the assumption that an estimated ratio of 2.5 mitigation acres : impact acres was needed to offset the loss of the values and functions of wetlands impacted in mining areas that did not have existing permits prior to the issuance of the Lake Belt permits (which started in 2002). The wetland impact and offsetting mitigation information for the State and County permits are summarized below in Table 3 and show a large positive mitigation acreage balance due to the expedited mitigation being implemented by the Mitigation Committee.

**Table 3. Lake Belt Mitigation/Mining Summary**

Calendar Year	Committee Approved Mitigation Acres	Lake Belt Wetland Impacts In New Permit Areas (Acres)	Mitigation Needed to Offset Wetland Impacts (Acres) <sup>1</sup>	Annual Balance (Acres)
2002	1,075.9	34	85.0	990.9
2003	1,067.4	33	82.5	984.9
2004	159.5	Not yet available		159.5
<b>TOTAL</b>	2,302.8	67	168.5	2,135.3

<sup>1</sup> Assumes 2.5 ratio utilized in calculation of Lake Belt mitigation fee

The U.S. Army Corps of Engineers Lake Belt permits included a different methodology for calculating mitigation requirements. The ecological balance between the wetland mitigation and wetland impacts was calculated using the ecological value and present worth factors in Table E of the Corps' permits. The ecological units balance at the end of the 2004 Annual Report reporting period was plus 189.8 present worth ecological units. By comparison, the estimated ecological balance in Table E for the same period was negative 195.1 present worth ecological units. Due to the expedited mitigation being implemented by the Mitigation Committee, the positive ecological balance at the end of 2004 Annual Report reporting period is almost 400 present worth ecological units better than the estimates in the permit tables.

## **VI. Future Land Acquisition/Mitigation Activities**

To mitigate the biological impacts from mining during the fifty year implementation of the Lake Belt Plan, it will be necessary for the Committee to investigate alternative mitigation projects in an attempt to balance the increasing land costs, the annual increase built into the fee structure, and the quantity of mitigation lands needed to offset the projected mining impacts. This investigation of alternative mitigation projects will also become necessary as the availability of willing sellers and government land swaps decrease in the Pennsuco.

Although there is a large positive mitigation balance for the Lake Belt permits at the present time, the Committee has acquired only 615.6 acres or 26.7% of the total mitigation acres through land acquisition. The majority of the approved acres consist of enhancement and long-term management activities on lands already under public ownership. With land acquisition costs rising disproportionately to the annual fee increases, it is expected to become increasingly more difficult to acquire adequate mitigation land in the Pennsuco within the limits of the fees collected. Therefore, the Committee plans to reevaluate the mitigation fee calculations in 2005, and if necessary develop a recommendation for a fee adjustment for the Legislature to consider.



In 2004, a wetland assessment of the Biscayne Bay Coastal Wetlands (BBCW)/Model Lands area in south Miami-Dade County was initiated so the Committee will have a better idea of potential mitigation (“lift”) from acquisition/enhancement efforts. The potential for reimbursement for previously purchased land within the BBCW/Model Lands is also being evaluated. Longer-term alternative mitigation projects in the Lake Belt area have also been identified by the Committee.

## **VII. Appendices**

### **APPENDIX A – Florida Statutes**

#### **373.41492, F.S. Miami-Dade County Lake Belt Mitigation Plan; mitigation for mining activities within the Miami-Dade County Lake Belt.—**

(1) The Legislature finds that the impact of mining within the rock mining supported and allowable areas of the Miami-Dade County Lake Plan adopted by s. 373.4149(1) can best be offset by the implementation of a comprehensive mitigation plan as recommended in the 1998 Progress Report to the Florida Legislature by the Miami-Dade County Lake Belt Plan Implementation Committee. The Lake Belt Mitigation Plan consists of those provisions contained in subsections (2)-(9). The per-ton mitigation fee assessed on limestone sold from the Miami-Dade County Lake Belt Area and sections 10, 11, 13, 14, Township 52 South, Range 39 East, and sections 24, 25, 35, and 36, Township 53 South, Range 39 East, shall be used for acquiring environmentally sensitive lands and for restoration, maintenance, and other environmental purposes. It is the intent of the Legislature that the per-ton mitigation fee shall not be a revenue source for purposes other than enumerated herein. Further, the Legislature finds that the public benefit of a sustainable supply of limestone construction materials for public and private projects requires a coordinated approach to permitting activities on wetlands within Miami-Dade County in order to provide the certainty necessary to encourage substantial and continued investment in the limestone processing plant and equipment required to efficiently extract the limestone resource. It is the intent of the Legislature that the Lake Belt Mitigation Plan satisfies all local, state, and federal requirements for mining activity within the rock mining supported and allowable areas.

(2) To provide for the mitigation of wetland resources lost to mining activities within the Miami-Dade County Lake Belt Plan, effective October 1, 1999, a mitigation fee is imposed on each ton of lime rock and sand extracted by any person who engages in the business of extracting lime rock or sand from within the Miami-Dade County Lake Belt Area and sections 10, 11, 13, 14, Township 52 South, Range 39 East, and sections 24, 25, 35, and 36, Township 53 South, Range 39 East. The mitigation fee is at the rate of 5 cents for each ton of lime rock and sand sold from within the properties where the fee applies in raw, processed, or manufactured form, including, but not limited to, sized aggregate, asphalt, cement, concrete, and other lime rock and concrete products. Any lime rock or

sand that is used within the mine from which the lime rock or sand is extracted is exempt from the fee. The amount of the mitigation fee imposed under this section must be stated separately on the invoice provided to the purchaser of the lime rock or sand product from the lime rock or sand miner, or its subsidiary or affiliate, for which the mitigation fee applies. The lime rock or sand miner, or its subsidiary or affiliate, who sells the lime rock or sand product shall collect the mitigation fee and forward the proceeds of the fee to the Department of Revenue on or before the 20th day of the month following the calendar month in which the sale occurs.

(3) The mitigation fee imposed by this section must be reported to the Department of Revenue. A form prescribed by the Department of Revenue must accompany payment of the mitigation fee. The proceeds of the fee, less administrative costs, must be transferred by the Department of Revenue to the South Florida Water Management District and deposited into the Lake Belt Mitigation Trust Fund. As used in this section, the term "proceeds of the fee" means all funds collected and received by the Department of Revenue under this section, including interest and penalties on delinquent mitigation fees. The amount deducted for administrative costs may not exceed 3 percent of the total revenues collected under this section and may equal only those administrative costs reasonably attributable to the mitigation fee.

(4) (a) The Department of Revenue shall administer, collect, and enforce the mitigation fee authorized under this section in accordance with the procedures used to administer, collect, and enforce the general sales tax imposed under chapter 212. The provisions of chapter 212 with respect to the authority of the Department of Revenue to audit and make assessments, the keeping of books and records, and the interest and penalties imposed on delinquent fees apply to this section. The fee may not be included in computing estimated taxes under s. 212.11, and the dealer's credit for collecting taxes or fees provided for in s. 212.12 does not apply to the mitigation fee imposed by this section.

(b) In administering this section, the Department of Revenue may employ persons and incur expenses for which funds are appropriated by the Legislature. The Department of Revenue shall adopt rules and prescribe and publish forms necessary to administer this section. The Department of Revenue shall establish audit procedures and may assess delinquent fees.

(5) Beginning January 1, 2001, and each January 1 thereafter, the per-ton mitigation fee shall be increased by 2.1 percentage points, plus a cost growth index. The cost growth index shall be the percentage change in the weighted average of the Employment Cost Index for All Civilian Workers (ecu 10001I), issued by the United States Department of Labor for the most recent 12-month period ending on September 30, and the percentage change in the Producer Price Index for All Commodities (WPU 00000000), issued by the United States Department of Labor for the most recent 12-month period ending on September 30, compared to the weighted average of these indices for the previous year. The weighted average shall be calculated as 0.6 times the percentage change in the Employment Cost Index for All Civilian Workers (ecu 10001I), plus 0.4 times the percentage change in the Producer Price Index for All Commodities (WPU 00000000). If

either index is discontinued, it shall be replaced by its successor index, as identified by the United States Department of Labor.

(6) (a) The proceeds of the mitigation fee must be used to conduct mitigation activities that are appropriate to offset the loss of the value and functions of wetlands as a result of mining activities and must be used in a manner consistent with the recommendations contained in the reports submitted to the Legislature by the Miami-Dade County Lake Belt Plan Implementation Committee and adopted under s. 373.4149. Such mitigation may include the purchase, enhancement, restoration, and management of wetlands and uplands, the purchase of mitigation credit from a permitted mitigation bank, and any structural modifications to the existing drainage system to enhance the hydrology of the Miami-Dade County Lake Belt Area. Funds may also be used to reimburse other funding sources, including the Save Our Rivers Land Acquisition Program and the Internal Improvement Trust Fund, for the purchase of lands that were acquired in areas appropriate for mitigation due to rock mining and to reimburse governmental agencies that exchanged land under s. 373.4149 for mitigation due to rock mining.

(b) Expenditures must be approved by an interagency committee consisting of representatives from each of the following: the Miami-Dade County Department of Environmental Resource Management, the Department of Environmental Protection, the South Florida Water Management District, and the Fish and Wildlife Conservation Commission. In addition, the lime rock mining industry shall select a representative to serve as a nonvoting member of the interagency committee. At the discretion of the committee, additional members may be added to represent federal regulatory, environmental, and fish and wildlife agencies.

(7) Payment of the fee imposed by this section satisfies the mitigation requirements imposed under sis. 373.403-373.439 and any applicable county ordinance for loss of the value and functions from mining of the wetlands identified as rock mining supported and allowable areas of the Miami-Dade County Lake Plan adopted by s. 373.4149(1). In addition, it is the intent of the Legislature that the payment of the mitigation fee imposed by this section satisfies all federal mitigation requirements for the wetlands mined.

(8) If a general permit by the United States Army Corps of Engineers, or an appropriate long-term permit for mining, consistent with the Miami-Dade County Lake Belt Plan, this section, and sis. 373.4149, 373.4415, and 378.4115 is not issued on or before September 30, 2000, the fee imposed by this section is suspended until revived by the Legislature.

(9) (a) The interagency committee established in this section shall annually prepare and submit to the governing board of the South Florida Water Management District a report evaluating the mitigation costs and revenues generated by the mitigation fee.

(b) No sooner than January 31, 2010, and no more frequently than every 10 years thereafter, the interagency committee shall submit to the Legislature a report recommending any needed adjustments to the mitigation fee to ensure that the revenue generated reflects the actual costs of the mitigation.

History.—s. 2, ch. 99-298; s. 23, ch. 2000-197.

**373.41495, F.S. Lake Belt Mitigation Trust Fund; bonds.**

(1) The Lake Belt Mitigation Trust Fund is hereby created, to be administered by the South Florida Water Management District. Funds shall be credited to the trust fund as provided in s. 373.41492, to be used for the purposes set forth therein.

(2) The South Florida Water Management District may issue revenue bonds pursuant to s. 373.584, payable from revenues from the Lake Belt Mitigation fee imposed under s. 373.41492.

(3) Net proceeds from the Lake Belt Mitigation fee and any revenue bonds issued under subsection (2) shall be deposited into the trust fund and, together with any interest earned on such moneys, shall be applied to Lake Belt mitigation projects as provided in s. 373.41492.

(4) The Lake Belt Mitigation Trust Fund is a trust fund as described in s. 19(f)(3), Art. III of the State Constitution, and therefore is not subject to termination pursuant to s. 19(f)(2), Art. III of the State Constitution. History.—ss. 1, 2, 3, 4, ch. 98-260; s. 1, ch. 99-297.

**APPENDIX B - Cash Basis Fund Statement**  
(See Attachment)

**APPENDIX C – Cash Flow / Expenditure Summary**  
(See Attachment)

## APPENDIX B

Lake Belt Mitigation Trust Fund  
Cash Basis Financial Statements  
Year Ending December 31, 2004

	Received from the Florida Dept of Revenue	Interest Earned	Total Fees Plus Earnings	Transfer Out & Expenditures	Total Cash Balance
Year 2000					
January	\$ 276,674	\$ 181	\$ 276,855		\$ 276,855
February	247,990	1,474	249,464		526,319
March	167,699	3,037	170,736		697,055
April	159,867	3,813	163,680		860,735
May	195,853	4,898	200,751		1,061,486
June	168,562	5,929	174,491		1,235,977
July	263,244	7,373	270,617		1,506,594
August	*	8,598	8,598		1,515,192
September	302,087	9,359	311,446		1,826,638
October	257,732	9,484	267,216		2,093,854
November	173,573	10,297	183,870		2,277,724
December	173,182	13,719	186,901		2,464,625
	2,386,463	78,162	2,464,625		
Year 2001					
January	108,739	12,855	121,594		2,586,219
February	92,523	11,240	103,763		2,689,982
March	214,087	13,438	227,525		2,917,507
April	212,656	12,335	224,991		3,142,498
May	170,744	13,272	184,016		3,326,514
June	224,087	9,705	233,792		3,560,306
July	*	12,920	12,920		3,573,226
August (A)	389,503	42,457	431,960		4,005,186
September	205,108	11,438	216,546		4,221,732
October	220,698	9,935	230,633		4,452,365
November	168,616	8,946	177,562		4,629,927
December	221,134	9,070	230,204		4,860,131
	2,227,895	167,611	2,395,506		
Year 2002					
January	181,259	10,337	191,596		5,051,727
February	182,742	8,154	190,896		5,242,623
March	219,362	9,560	228,922		5,471,545
April	144,300	9,603	153,903		5,625,448
May	230,099	10,586	240,685		5,866,133
June	271,439	10,659	282,098		6,148,231
July	253,744	11,018	264,762		6,412,993
August	194,939	16,488	211,427		6,624,420
September (B)	200,472	34,012	234,484		6,858,904
October	212,938	18,444	231,382		7,090,286
November	210,808	17,529	228,337		7,318,623
December	134,848	17,994	152,842		7,471,465
	2,436,950	174,384	2,611,334		
Year 2003					
January	208,027	15,230	223,257		7,694,722
February	197,666	19,394	217,060		7,911,782
March	215,031	19,672	234,703		8,146,485
April	228,112	21,209	249,321		8,395,806
May	300,353	22,857	323,210		8,719,016

# APPENDIX B

## Lake Belt Mitigation Trust Fund Cash Basis Financial Statements Year Ending December 31, 2004

	Received from the Florida Dept of Revenue	Interest Earned	Total Fees Plus Earnings	Transfer Out & Expenditures	Total Cash Balance
June	226,880	26,658	253,538	(129,464)	8,843,090
July	163,946	16,893	180,839		9,023,929
August	321,454	24,782	346,236		9,370,165
September (C )	184,487	(10,863)	173,624		9,543,789
October	296,066	24,144	320,210		9,863,999
November	182,957	16,452	199,409	(6,478,513)	3,584,895
December	236,978	9,408	246,386		3,831,281
	<u>2,761,957</u>	<u>205,836</u>	<u>2,967,793</u>	<u>(6,607,977)</u>	
Year 2004					
January	292,639	10,508	303,147		4,134,428
February	78,564	9,696	88,260		4,222,688
March	265,877	11,437	277,314		4,500,002
April	306,964	11,853	318,817		4,818,819
May	382,166	13,252	395,418	(807)	5,213,430
June	266,424	13,512	279,936		5,493,366
July	246,484	14,625	261,109		5,754,475
August	271,917	15,355	287,272		6,041,747
September	262,439	15,545	277,984		6,319,731
Adjustment (D)	-	(53,146)	(53,146)		6,266,585
October (E)	277,685	16,674	294,359	(864,000)	5,696,944
November	200,441	16,672	217,113		5,914,057
December	257,522	17,926	275,448		6,189,505
	<u>3,109,122</u>	<u>113,909</u>	<u>3,223,031</u>	<u>(864,807)</u>	
	<u>\$ 12,922,387</u>	<u>\$ 739,902</u>	<u>\$ 13,662,289</u>	<u>\$ (7,472,784)</u>	

\* Payment for two months received in the next month.

(A) Includes monthly interest allocation of \$12,421 plus fair value adjustment (gain) of \$30,036

(B) Includes monthly interest allocation of \$13,463 plus fair value adjustment (gain) of \$20,549

(C) Includes monthly interest allocation of \$22,218 less fair value adjustment (loss) of \$33,081

(D) Represents Market Value Adjustment for the 2004 calendar year (paper loss).

(E) Expenditure approved by Committee, but it has not yet been transferred out of Trust Fund by SFWMD.

## APPENDIX C

### Cash Flow / Expenditure Summary

#### Summary of 2002 Expenditures/Mitigation Acres Approved by Committee

August 2002 Trust Fund Balance (\$6,607,997) converted to mitigation acres at cost of \$6142/acre - 1075.9 acres

<u>Rock Miner Mitigation</u>	1075.9 acres	\$6,607,977 from August 2002 Trust Fund balance/\$6142 per acre
	-407.2 acres	50% of 814.4 acres of P2000 land
	668.7 acres	Remaining obligation as previously calculated (revised to include interest)
	-48.4 acres	50% of Pennsuco acreage purchased by District
	620.3 acres	
	-620.3 acres <sup>1</sup>	Portion of "other owned lands" treated (1358.1 acres available)
	0.0 acres	<b>Total remaining obligation</b>
<u>Other Permitted Mitigation - Non-Rock Miner<sup>2</sup></u>	906.0 acres	Balance from District spreadsheet
	-407.2 acres	50% of 814.4 acres of P2000 land
	498.8 acres	Remaining obligation as previously calculated
	-48.4 acres	50% of Pennsuco acreage purchased by District
	450.4 acres	
	-450.4 acres <sup>1</sup>	Portion of "other owned lands" treated (1358.1 acres available)
	0.0 acres	<b>Total remaining obligation</b>

<sup>1</sup> The number of mitigation acres for enhancement and long-term management is equal to one-half the number of actual treated acres (per Committee decision).

<sup>2</sup> Mitigation funding for work in Pennsuco paid by other entities to offset permitted wetland impacts.

## **Summary of 2003 Expenditures/Mitigation Acres Approved by Committee**

### **Mitigation credit earned for land treatment not previously paid for from the Rock Miner or Non-Rock Miner Trust Funds**

#### **1. Remaining "Other Owned" Lands Treatment**

1358.1 acres	Total available from District spreadsheet (6/03)
-620.3 acres	Miner mitigation - 2002
<u>-450.4 acres</u>	Non-Rock Miner mitigation - 2002
287.4 acres	Total remaining land for enhancement/long-term management

#### **2. Federal Condemnation Lands Treatment**

780.0 acres	1560 acre restoration project
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**TOTAL**      **1067.4 acres<sup>1</sup>**

### **Enhancement / Long-term Management Costs to be Reimbursed to SFWMD for areas in Pennsuco under treatment**

<b>\$6,555,971</b>	1067.4 acres * \$6142/acre
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<sup>1</sup> The number of mitigation acres for enhancement and long-term management is equal to one-half the number of actual treated acres (per Committee decision).



## **Summary of 2004 Expenditures/Mitigation Acres Approved by Committee**

### **1. Mitigation for wetland impacts from monitoring well access construction required under Lake Belt Permits**

-0.5 acres      May 26, 2004 District letter to Jeffrey Rosenfeld

### **2. Former Florida Rock Industries land acquisition, enhancement, and long-term management**

160.0 acres

**TOTAL                      159.5 acres**

### **Acquisition Costs for former Florida Rock Industries land (Reimburse Florida Division of State Lands costs)**

**\$864,000**                      160 acres \* \$5400/acre

### **Enhancement / Long-term Management Costs to be Reimbursed to SFWMD for former Florida Rock Industries land**

**\$491,360**                      160 acres \* \$3071/acre

### **SFWMD Reimbursement Balance**

1. Enhancement / Long-term Management Costs to be Reimbursed to SFWMD for areas in Pennsuco under treatment

Committee Motion - November 2003

$$1067.4 \text{ acres}^1 \times \$6,142 / \text{acre} = \$6,555,971$$

2. Enhancement / Long-term Management Costs to be Reimbursed to SFWMD for former Florida Rock land

Committee Motion - October 2004

$$160 \text{ acres} \times \$3,071 / \text{acre} = \$491,360$$

**Current Balance = \$7,047,331**

<sup>1</sup> The number of mitigation acres for enhancement and long-term management is equal to one-half the number of actual treated acres (per Committee decision). Therefore, the cost per mitigation acre is equal to 2 times the actual cost of \$3071/acre.

### Cash Flow / Expenditures Through 2004

Year	Permit Table Estimated Mitigation Fee Collections	Estimated Mitigation Fee Running Total	Department of Revenue Mitigation Fee Deposits <sup>1</sup>	Actual Mitigation Fee Running Total	Interest	Cash Flow Running Total <sup>1</sup>	Expenditures	End of Year Balance	Encumbrances	Mitigation Acres
1999	487,813	487,813	*	0	*	0	0	0		
2000	1,950,000	2,437,813	2,386,463	2,386,463	78,162	2,464,625	0	2,464,625		
2001	2,181,684	4,619,497	2,227,895	4,614,358	167,611	4,860,131	0	4,860,131		
2002	2,297,314	6,916,811	2,436,950	7,051,308	174,384	7,471,465	6,607,977	863,488		1075.9
2003	2,419,071	9,335,882	2,761,957	9,813,265	205,836	10,439,258	0	3,831,281	6,555,971	1067.4
2004	2,547,282	11,883,164	3,109,122	12,922,387	113,909	13,662,289	864,807	6,189,505	491,360	159.5

<b>TOTAL</b>	<b>\$7,472,784</b>	<b>6,189,505</b>	<b>\$7,047,331</b>	<b>2,302.8</b>
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<sup>1</sup> Fee deposits in the SFWMD Trust Fund at the end of calendar year do not reflect Department of Revenue fee collections during December of each year. Therefore, the annual totals reflect Department of Revenue fee collections from the previous December through November.

\* 1999 & 2000 combined

## Cash Flow/Expenditure Projections from Original Permit Table with Expedited Mitigation

### Corps Permit - Table A. Mitigation Fee Plan (note 1)

### Expedited Mitigation

Year	Yr	Mining Existing Permits b (note 2)	Mining New Permits c (note 2)	Total Mining Area d $d = b+c$	Tons of material e (note 3)	Fee \$/ton f (note 4)	Total Fee expected this year g $g = e * f$	Mitigation Acres Bought k $k = n/m$	Cost to Restore \$/Acre m (note 5)	Total Spent on Mitigation this year n $n = g$
	a									
1999	1	78.1	0.0	78.1	9,756,250	0.050	487,813		6,142	0
2000	2	312.0	0.0	312.0	39,000,000	0.050	1,950,000		6,142	0
2001	3	331.5	0.0	331.5	41,437,500	0.053	2,181,684		6,339	0
2002	4	266.0	65.5	331.5	41,437,500	0.055	2,297,314	1060.4	6,541	6,916,811
2003	5	261.0	70.5	331.5	41,437,500	0.058	2,419,071	358.3	6,751	2,419,071
2004	6	256.0	75.5	331.5	41,437,500	0.061	2,547,282	365.6	6,967	2,547,282
2005	7	226.0	105.5	331.5	41,437,500	0.065	2,682,288	373.1	7,190	2,682,288
2006	8	226.0	105.5	331.5	41,437,500	0.068	2,824,449	380.7	7,420	2,824,449
2007	9	226.0	105.5	331.5	41,437,500	0.072	2,974,145	388.4	7,657	2,974,145
2008	10	226.0	105.5	331.5	41,437,500	0.076	3,131,775	396.3	7,902	3,131,775
2009	11	226.0	105.5	331.5	41,437,500	0.080	3,297,759	404.4	8,155	3,297,759
2010	12	215.0	116.5	331.5	41,437,500	0.084	3,472,540	412.6	8,416	3,472,540
2011	13	207.0	124.5	331.5	41,437,500	0.088	3,656,585	421.0	8,685	3,656,585
<b>Totals:</b>		3,056.6	980.0	4,036.6			33,922,704	4,560.9		33,922,704

Notes from Corps Permit Table:

- (1) This table is based on Appendix 2 of the Lake Belt Mitigation Committee Annual Report for 2000.  
Appendix 2 was based on an EPA analysis of an earlier table submitted by the industry.
- (2) Appendix 2 adjusted the industry-submitted year-by-year projections to start October 1999 (when the fee started).  
Here (Table A), 96.8 acres of "New Permit" estimated for 1999, 2000 & 2001 were added to "Existing Permit" column and the acres (96.8 acres) added back in Year 49. Existing Permit acres for Years 27, 28, 29 also reduced by 96.8 acres.
- (3) Based on average of 125,000 tons per acre mined. Fee includes both existing and new permitted areas.
- (4) Fee starts at \$0.05/ton, increased each year by 2.1% + a cost growth index. Here, used an index value of 3.2%
- (5) Cost of acquiring, restoring, and management of Pennsuco land. Here, estimated cost increases 3.2% a year.