

LAKE BELT MITIGATION COMMITTEE
ANNUAL REPORT FOR 2020

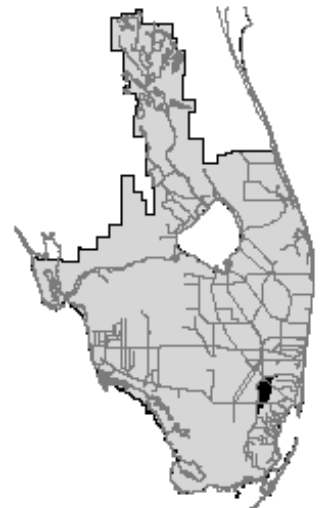
Submitted to the

GOVERNING BOARD

of the

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

In Accordance with Section 373.41492(8)(a), Florida Statutes



Lake Belt Mitigation Committee 2020 Annual Report

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I. Background

In 1999, the Florida Legislature established a mitigation fee on each ton of limerock 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), Florida Statutes (F.S.), authorizing the mitigation fee and governing its use.

The mitigation fee became effective on October 1, 1999 at the initial rate of 5.0 cents for each ton of limerock 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. Based on changes in mitigation projects and estimated costs, the Legislature revised the mitigation fee schedule in 2006, 2011, and 2015. The fee was 5.0 cents per ton in 2020.

Section 373.41492(8)(a), F.S., 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 and the Mitigation Committee is available at the SFWMD web site <http://www.sfwmd.gov>. (The Lake Belt Mitigation Committee is one of the projects listed under the Our Work / Local Projects and Programs section of the SFWMD website.)

II. Legislative Guidance

Pursuant to s. 373.41492(6)(a), F.S., mitigation fees may include the purchase, enhancement, restoration, and management of wetlands and uplands in the Everglades watershed, 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 or the Everglades watershed. Funds may also be used to reimburse other funding sources, including the Save Our Rivers Land Acquisition Program, the Internal Improvement Trust Fund, SFWMD, and Miami-Dade County. Section 373.41492, F.S. (Miami-Dade County Lake Belt Mitigation Plan; mitigation for mining activities within the Miami-Dade County Lake Belt) is attached in Appendix A.

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 Chapter 286.011, F.S.

The Lake Belt Mitigation Committee consists of following members:

Voting Members:

Florida Department of Environmental Protection (DEP)
Ed Smith

South Florida Water Management District (SFWMD)
Jennifer Reynolds (Committee Chair)
Matthew Morrison, Alternate

Miami-Dade County Department of Regulatory and Economic Resources (DRER)
Craig Grossenbacher
Michael Spinelli

Florida Fish and Wildlife Conservation Commission (FWCC)
Jason Hight
Christine Raininger, Alternate

U.S. Army Corps of Engineers (USCOE)
Dianne Rosensweig
Eve Huggins, Alternate

U.S. Environmental Protection Agency (USEPA)
Cecelia Harper

U.S. Fish and Wildlife Service (USFWS)
Robert Progulske (Committee Vice Chair)

Non-Voting Member:

Miami-Dade Limestone Products Association (MDLPA)
Jeff Rosenfeld
Bill Baker, Alternate

IV. Committee Administration

Accounting - The available balance in the Lake Belt Mitigation Trust Fund as of December 31, 2019 was \$32,809,035. During 2020, \$1,904,079 was transferred to the Trust Fund from the Florida Department of Revenue, \$1,568,483 was earned as Trust Fund investment income, and \$3,217 was earned as interest on the escrow account. During 2020, approved expenditures from the Trust Fund were \$2,382,854. Approved expenditures from the Trust Fund represent committed funds for projects approved by the Committee. On December 31, 2020, the available balance in the Trust Fund was \$33,901,960.

Table 1 summarizes the mitigation fee deposits and investment income earned by the Lake Belt Mitigation Trust Fund for the period between 2000 and 2020. Between July 1, 2012 and July 1, 2015, the water treatment plant upgrade fee was deposited into the Lake Belt Mitigation Trust Fund subject to a maximum deposit of \$20 million and other criteria as previously specified in Section 373.41492(3)(b), F.S. (2012) The month-by-month financial statement for the Trust Fund is included in Appendix B. Appendix C shows the receipts / approved expenditures summary developed for the Committee. The Appendix includes expenditures / mitigation acres approved by the Committee during 2020, and summaries for the overall receipts / expenditures, the C-139 Annex restoration project, the water treatment plant fee deposits, and seepage project expenditures through the end of 2020.

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

Calendar Year	Mitigation Fee (\$/ton)	Rock Mining Mitigation Fee	Water Treatment Plant Upgrade Fee ¹	Investment Income	Total Fees & Income
2000	0.050	\$2,386,463		\$ 78,162	\$2,464,625
2001	0.053	\$2,227,895		\$167,611	\$2,395,506
2002	0.056	\$2,436,950		\$174,384	\$2,611,334
2003	0.058	\$2,761,957		\$205,836	\$2,967,793
2004	0.062	\$3,109,122		\$132,434	\$3,241,556
2005	0.066	\$3,344,232		\$200,189	\$3,544,421
2006	0.071	\$3,808,079		\$521,348	\$4,329,427
2007	0.120	\$4,989,649		\$934,092	\$5,923,741
2008	0.180	\$4,899,784		\$380,229	\$5,280,013
2009	0.240	\$4,349,570		\$234,641	\$4,584,211
2010	0.240	\$4,481,029		\$ 83,335	\$4,564,364
2011	0.252	\$4,740,963		\$122,561	\$4,863,524
2012	0.450	\$10,288,460	\$2,115,408	\$ 85,431	\$12,489,299
2013	0.450	\$14,439,993	\$4,813,331	\$(6,568)	\$19,246,756
2014	0.450	\$14,344,851	\$4,781,617	\$608,471	\$19,734,939
2015	0.450	\$14,921,010	\$2,237,946	\$366,129	\$17,525,085
2016	0.250	\$10,786,476		\$370,611	\$11,157,087
2017	0.15	\$6,241,310		\$783,432	\$7,024,742
2018	0.05	\$2,538,736		\$870,765	\$3,409,500
2019	0.05	\$2,028,406		\$2,273,585	\$4,301,991
2020	0.05	\$1,904,079		\$1,571,700	\$3,475,779
TOTAL		\$121,029,014	\$13,948,302	\$10,158,378	\$145,135,694

¹ The water treatment plant upgrade fee during the period between 2012 and 2015 was 15 cents per ton.

Mitigation Fee – The initial mitigation fee calculation was based on many factors (values and functions of wetlands in the Pennsuco and mining areas, mitigation ratios, estimated mining rates, and acquisition, restoration, and long-term management costs 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. Based on changes in mitigation projects and estimated costs, the Legislature revised the mitigation fee schedule in 2006, 2011, and 2015. The fee was 5.0 cents per ton in 2020. The updated statute is included in Appendix A.

Approved Expenditures – Total expenditures approved in 2020 from the Lake Belt Mitigation Trust Fund were \$2,382,854. The different projects are discussed below and more detailed information on the expenditures and associated mitigation acres are included in Appendix C. There were no administrative costs associated with the operation of the Lake Belt Mitigation Committee in 2020.

V. Committee Mitigation Activities

Committee Activities – In 2020, Committee activities included:

1. Consistent with the Committee’s December 2012 approval of the use of the C-139 Annex Restoration Project as a mitigation project for wetland impacts associated with the limestone mining activities in Lake Belt Region and the associated 25-year cash flow analysis, the Committee approved the planned 2020 payment of \$2 million of funding for the C-139 Annex Restoration project (March 2020). At an estimated cost of \$15,248 per WRAP credit, this expenditure authorized the award of 131.2 WRAP credits (524.8 Pennsuco-equivalent mitigation acres) for 2020, subject to the final credit determination for the project. A summary of C-139 Annex funding, acres, and mitigation credits is included in Appendix C. It was discussed that the SFWMD will be coming back to the Committee with an updated cost and mitigation credit estimate, now that the project permitting has been completed.
2. Approval of the acquisition, enhancement, and long-term management of 23.2 acres in the Pennsuco wetlands (SFWMD Governing Board approvals – June, August, September, and October 2020).
3. In 2016, three additional miles of the L-31N seepage barrier project were constructed. The initial two miles of a 35-foot deep seepage barrier were constructed in 2012 on the berm between the SFWMD L-31N Canal and the adjacent levee, which borders Everglades National Park. Ongoing monitoring well and flowmeter data presented to the Committee indicate that the barrier is influencing water levels and reducing seepage from the Park into the L-31N Canal.

During the 2015 approval process, ground-water modeling information was provided to the Committee on the potential effect that mining projects on the east side of the L-31N Canal might have on the benefits provided by the seepage barrier. The modeling indicated that the potential effect of mining offsets approximately 2.8% of the benefit of the barrier (or 21.7 WRAP mitigation credits). At the time, the Corps recommended Committee approval of the mitigation credits for the full 5-mile seepage barrier and that the credit reduction would be evaluated in the future as the mining projects were reviewed. In 2020, the Corps provided a concurrence letter

for the 21.7 mitigation credit reduction (86.8 Pennsuco-equivalent mitigation acres). This reduction is reflected in the updated 2015 “Mitigation Acres” entry in Appendix C (page 1), which has been reduced from 4,599.8 to 4,513.0 mitigation acres (86.8 acre reduction).

4. In 2016, gaps in 7.5 miles of the Dade-Broward Levee berm (which allowed flow of surface water from the Pennsuco wetlands) were repaired. In 2018, construction of the two proposed water control structures in Phase 2 of the Dade-Broward Levee improvements project was completed. Ongoing monitoring data presented to the Committee indicate that the upstream portion of the Wellfield Protection Canal, which historically has drained the adjacent Pennsuco wetlands, now has higher water levels than the adjacent wetlands and is acting as a source of recharge for the wetlands (rather than a drain).

5. Approval of FY21 operation and maintenance cost for the new Dade-Broward Levee structures (\$19,179). It was discussed that SFWMD would provide an estimated cost for Committee approval every year.

6. Approval of estimated FY21 Lake Belt water quality monitoring costs (\$131,149).

7. An escrow account has been established to facilitate payment of contractors on Miami-Dade Limestone Products Association sponsored projects. \$3,217 of accrued interest was earned in the escrow account during FY20 and deposited back into the Trust Fund. The memo for the accrued interest is included in Appendix D.

8. As shown in Appendix B, the SFWMD makes a quarterly market value adjustment (unrealized gain/loss) for the investment income earned by the Trust Fund. While updating the spreadsheet for this year’s Annual Report, it was realized that the 2018 and 2019 calendar year adjustments needed to be updated. These changes have been reflected in Appendix B and in the annual investment income totals on page 1 of Appendix C.

Mitigation Summary – A summary of annual expenditures / mitigation acres approved by the Committee are included in Appendix C. The Committee has approved a total of 20,191.4 mitigation acres, which will result in the: 1) public acquisition, enhancement, and long-term management of 3,095.6 acres in Pennsuco; 2) enhancement and long-term management of an additional 3,375.4 acres in Pennsuco; 3) enhancement and long-term management of 1,549 acres adjacent to the Dade-Broward Levee; 4) acquisition, enhancement, and long-term management of 100 acres in the Southern Glades project area; 5) construction of a 5-mile seepage barrier to enhance the hydrology in Everglades National Park and 6) acquisition, enhancement, and long-term management of 3,951 acres (10,756.2 Pennsuco-equivalent acres) in the C-139 Annex Restoration project.

Table 2. Lake Belt Mitigation Activities

Calendar Year	Pennsuco Acquisition, Enhancement, & Long-Term Management (Acres)	Pennsuco Enhancement, & Long-Term Management ¹ (Acres/ Mitigation Acres)		Other Projects (Pennsuco-equivalent Mitigation Acres)	C-139 Annex Project (Pennsuco-equivalent Mitigation Acres)	Committee Approved Mitigation Acres
2002	455.6	1,240.6	620.3			1,075.9
2003	0	2,134.8	1,067.4			1,067.4
2004 ²	160.0			-0.5		159.5
2005	320.9					320.9
2006	142.4					142.4
2007	124.4					124.4
2008 ³	10.0					10.0
2009 ³		1,708.0	854.0	100.0		954.0
2010 ⁴	10.0			1,544.3		1,554.3
2011 ⁵	20.0			600.0		620.0
2012					787.0	787.0
2013					2,098.8	2,098.8
2014	30.0				2,098.8	2,128.8
2015 ⁵	5.0			2,409.2	2,098.8	4,513.0
2016 ⁶	59.7			-1.1	1,311.6	1,370.2
2017	1,734.4	(1708.0)	(854.0)		786.8	1,667.2
2018					524.8	524.8
2019					524.8	524.8
2020	23.2				524.8	548.0
TOTAL	3,095.6	3,375.4	1,687.7	4,651.9	10,756.2	20,191.4

¹ The number of mitigation acres credited for Pennsuco enhancement / long-term management is equal to one-half the number credited for land acquisition, enhancement, and long-term management (per Committee decision).

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

³ Per Committee decision in 2012, previously approved mitigation acres for the 8.5 Square Mile Area project in 2008 (221.1 acres) and 2009 (256.7 acres) were removed from Table 2. The Southern Glades restoration project (100 acres) was approved in 2009.

⁴ Dade-Broward Levee restoration project (1,549 acres) less 4.7 acres for APAC Section 23/24 DERM time-lag mitigation

⁵ L-31N Seepage Management project – Phase 1 (2011) and Phase 2 (2015). Phase 2 reduced by 86.8 acres in 2020 (**in bold**).

⁶ Mitigation for wetland impacts associated with the Dade-Broward Levee berm repair

The Mining Industry submits an Annual Lake Belt Report to the U.S. Army Corps of Engineers, Florida Department of Environmental Protection, and Miami-Dade County Department of Regulatory and Economic Resources. This report documents the changes in mining and wetland acreages, and summarizes 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.

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) ¹	Annual Balance (Acres)	Cumulative Balance (Acres)
2002	1,075.9	34	85.0	990.9	990.9
2003	1,067.4	135	337.5	729.9	1,720.8
2004	159.5	87	217.5	-58.0	1,662.8
2005	320.9	87	217.5	103.4	1,766.2
2006	142.4	567	1,417.5	-1,275.1	491.1
2007	124.4	9	22.5	101.9	593.0
2008	10.0	5	12.5	-2.5	590.5
2009	954.0	1	2.5	951.5	1,542.0
2010	1,554.3	108	270.0	1,284.3	2,826.3
2011	620.0	134	335.0	285.0	3,111.3
2012	787.0	30	75.0	712.0	3,823.3
2013	2,098.8	114	285.0	1,813.8	5,637.1
2014	2,128.8	246	615.0	1,513.8	7,150.9
2015	4,513.0	241	602.5	3,910.5	11,061.4
2016	1,370.1	244	610	760.1	11,821.5
2017	1,667.1	261	652.5	1,014.6	12,836.1
2018	524.7	230	575	-50.3	12,785.8
2019	524.7	318	795	-270.3	12,515.5
2020	547.9	Not yet available ²		547.9	13,063.4
TOTAL	20,190.9	2,851	7,127.5	13,063.4	

¹ Assumes 2.5 ratio utilized in calculation of Lake Belt mitigation fee

² Pursuant to the permit conditions, impacts are reported in the following year's Lake Belt Annual Report due to the timing and availability of aerial photographs.

Pursuant to s. 373.41492(7), F.S., 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 (values and functions of wetlands in the mining area and Pennsuco, estimated mining rates, land acquisition, restoration, and long-term management 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 were not permitted prior to the issuance of the Lake Belt permits in 2002. The wetland impact and offsetting mitigation information for the State and County permits are summarized in Table 3 and show a large positive mitigation acreage balance (12,515 acres through January 2020) due to the expedited mitigation being implemented by the Mitigation Committee. Through expedited mitigation, the Committee has been attempting to spend the mitigation fee on mitigation projects in the same year that the fee is collected, rather than at the slower rate anticipated in the original permit tables. As documented in the 2020 Lake Belt Annual Report, comparisons of the 2002 permit tables with the actual mitigation fee collections and mitigation funded during the first eighteen years of the permits

indicate that the amount of actual mitigation fees and approved mitigation are much greater than were anticipated when the permits were issued in 2002.

The U.S. Army Corps of Engineers Lake Belt permits issued in 2010 included a different methodology for calculating mitigation requirements. The balance between the wetland mitigation and wetland impacts is calculated using the ecological value of the mitigation projects and the impacted wetland land use categories. The cumulative mitigation balance at the end of the 2020 Lake Belt Annual Report reporting period (through January 2020) was a positive 3,041 wetland units. In addition, an additional 824.2 acres of Pennsuco-equivalent mitigation (206 wetland units) was reported to the Corps in 2020. Therefore, the cumulative mitigation balance significantly exceeds the positive 100 unit balance identified in Special Condition #7 of the Corps permits.

VI. Appendices

APPENDIX A – Florida Statutes

373.41492. 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 Belt Plan adopted by s. 373.4149(1) can best be offset by the implementation of a comprehensive mitigation plan. The Lake Belt Mitigation Plan consists of those provisions contained in subsections (2)-(8). 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, monitoring, maintenance, and other environmental purposes. It is the intent of the Legislature that the per-ton mitigation fee not be a revenue source for purposes other than enumerated in this section. 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 satisfy 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 limerock and sand extracted by any person who engages in the business of extracting limerock or sand from within the Miami-Dade County Lake Belt Area and the east one-half of sections 24 and 25 and all of sections 35 and 36, Township 53 South, Range 39 East. The mitigation fee is imposed for each ton of limerock 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 limerock and concrete products. The mitigation fee imposed by this subsection for each ton of limerock and sand sold shall be 25 cents per ton, beginning on January 1, 2016; 15 cents per ton beginning on January 1, 2017; and 5 cents per ton beginning on January 1, 2018, and thereafter. To pay for seepage mitigation projects, including groundwater and surface water management structures designed to improve wetland habitat and approved by the Lake Belt Mitigation Committee, and to upgrade a water treatment plant that treats water coming from the Northwest Wellfield in Miami-Dade County, a water treatment plant upgrade fee is imposed within the same Lake Belt Area subject to the mitigation fee and upon the same kind of mined limerock and sand subject to the mitigation fee. The water treatment plant upgrade fee imposed by this section for each ton of limerock and sand sold shall be 6 cents per ton, and the collection of this fee shall cease once the total amount of proceeds collected for this fee reaches the amount of the actual moneys necessary to design and construct the water treatment plant upgrade, as determined in an open, public solicitation process. The water treatment plant upgrade fee imposed by this section expires July 1, 2018. Any limerock or sand that is used within the mine from which the limerock or sand is extracted is exempt from the fees. The amount of the mitigation fee and the water treatment plant upgrade fee imposed under this section must be stated separately on the invoice provided to the purchaser

of the limerock or sand product from the limerock or sand miner, or its subsidiary or affiliate, for which the fee or fees apply. The limerock or sand miner, or its subsidiary or affiliate, who sells the limerock or sand product shall collect the mitigation fee and the water treatment plant upgrade fee and forward the proceeds of the fees to the Department of Revenue on or before the 20th day of the month following the calendar month in which the sale occurs. The proceeds of a fee imposed by this section include all funds collected and received by the Department of Revenue relating to the fee, including interest and penalties on a delinquent fee. 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 fee.

(3) The mitigation fee and the water treatment plant upgrade fee imposed by this section must be reported to the Department of Revenue. Payment of the mitigation and the water treatment plant upgrade fees must be accompanied by a form prescribed by the Department of Revenue.

(a) The proceeds of the mitigation 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.

(b) The proceeds of the water treatment plant upgrade fee, less administrative costs and less 2 cents per ton transferred pursuant to paragraph (c), must be transferred by the Department of Revenue to a trust fund established by Miami-Dade County, for the sole purpose authorized by paragraph (6)(a).

(c) Until December 1, 2016, or until funding for the study is complete, whichever comes earlier, 2 cents per ton, not to exceed \$300,000, shall be transferred by the Department of Revenue to the State Fire Marshal to be used to fund the study required under s. 552.30 to review the established statewide ground vibration limits for construction materials mining activities and to review any legitimate claims paid for damages caused by such mining activities. Any amount not used to fund the study shall be transferred to the trust fund established by Miami-Dade County, for the sole purpose authorized by paragraph (6)(a).

(4)(a) The Department of Revenue shall administer, collect, and enforce the mitigation and treatment plant upgrade fees 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 fees 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 fees 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) Each January 1, beginning January 1, 2010, through December 31, 2011, 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 to conduct water quality monitoring to ensure the protection of water resources within the Lake Belt Area. Such mitigation may include the purchase, enhancement, restoration, and management of wetlands and uplands in the Everglades watershed, 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 or the Everglades watershed. Funds may also be used to reimburse other funding sources, including the Save Our Rivers Land Acquisition Program, the Internal Improvement Trust Fund, the South Florida Water Management District, and Miami-Dade County, 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. The proceeds of the water treatment plant upgrade fee deposited into the Lake Belt Mitigation Trust Fund shall be used solely to pay for seepage mitigation projects, including groundwater or surface water management structures designed to improve wetland habitat and approved by the Lake Belt Mitigation Committee. The proceeds of the water treatment plant upgrade fee which are transmitted to a trust fund established by Miami-Dade County shall be used to upgrade a water treatment plant that treats water coming from the Northwest Wellfield in Miami-Dade County. As used in this section, the terms “upgrade a water treatment plant” or “treatment plant upgrade” mean those works necessary to treat or filter a surface water source or supply or both.

(b) Expenditures of the mitigation fee 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 limerock 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 mitigation fee imposed by this section 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). In addition, it is the intent of the Legislature that the payment of the mitigation fee imposed by this section satisfy all federal mitigation requirements for the wetlands mined.

(8)(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 2 years thereafter, the interagency committee shall submit to the Legislature a report recommending any needed adjustments to the mitigation fee, including the annual escalator provided for in subsection (5), to ensure that the revenue generated reflects the actual costs of the mitigation.

(9)(a) The Legislature finds that more than 1,000 water samples from quarry lakes and groundwater sources near the Northwest Wellfield have been analyzed without a single detection of pathogens. The Legislature further finds that the best available science indicates that there is no connection between the quarry lakes in the Miami-Dade County Lake Belt and any potential need to upgrade the water treatment plant that receives water from the Northwest Wellfield for pathogen removal and none is expected in the future.

(b) To assist the Legislature in determining whether a portion of the limestone mining fee should be dedicated to a treatment plant upgrade through July 1, 2018, pursuant to subsection (2), Miami-Dade County shall:

1. By January 15, 2016, submit to the President of the Senate and the Speaker of the House of Representatives a detailed accounting of the Lake Belt fees collected through June 30, 2015, and all expenditures of those fees; and
2. By January 15, 2017, submit to the President of the Senate and the Speaker of the House of Representatives a detailed report on all pathogen data collection and analyses related to the Northwest Wellfield and the planning and engineering studies undertaken to upgrade any water treatment plant to provide treatment for pathogens in water from the Northwest Wellfield.

History.—s. 2, ch. 99-298; s. 23, ch. 2000-197; s. 2, ch. 2006-13; s. 32, ch. 2010-205; s. 36, ch. 2010-225; s. 1, ch. 2012-107; s. 2, ch. 2015-141; s. 39, ch. 2016-10.

APPENDIX B - Financial Statement

(See Attachment)

APPENDIX C – Receipts / Approved Expenditures Summary

(See Attachment)

APPENDIX D – LBMC Escrow Account Accrued Interest Memo

(See Attachment)

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available 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		

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
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
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
	2,761,957		205,836	2,967,793	(6,607,977)	
Year 2004						
January	292,639		10,508	303,147		4,134,428
February	78,564		9,696	88,260		4,222,687
March	265,877		11,437	277,314		4,500,001
April	306,964		11,853	318,817		4,818,818
May	382,166		13,252	395,418	(807)	5,213,428
June	266,424		13,512	279,936		5,493,364
July	246,484		14,625	261,109		5,754,473
August	271,917		15,355	287,272		6,041,745
September	262,439		15,545	277,984		6,319,729
Adjustment (D)	-		(53,146)	(53,146)		6,266,583
October	277,685		29,552	307,237	(864,000)	5,709,820
November	200,441		17,291	217,732	(1,317)	5,926,235
December	257,522		22,956	280,478		6,206,713
	3,109,122		132,434	3,241,556	(866,124)	
Year 2005						
January	259,847		18,250	278,097		6,484,810
February	263,054		17,196	280,250	(3,995)	6,761,065
March	273,444		25,625	299,069		7,060,134
April	291,662		15,572	307,234		7,367,368
May	289,723		27,072	316,795		7,684,163
June	337,017		25,231	362,248		8,046,411
Adjustment (D)			(67,661)	(67,661)		7,978,750
July	287,218		24,592	311,810		8,290,560
August	284,984		27,975	312,959		8,603,519
September	279,133		32,050	311,183	(893)	8,913,809
Adjustment (D)			(52,881)	(52,881)		8,860,928
October	291,581		31,045	322,626		9,183,554
November	258,339		32,936	291,275	(1,296)	9,473,533
December	228,230		43,187	271,417		9,744,950
	3,344,232		200,189	3,544,421	(6,184)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
Year 2006						
Adjustment (D)			(44,413)	(44,413)		9,700,537
January	253,031		60,768	313,799		10,014,336
February	297,359		15,098	312,457		10,326,793
March	314,301		35,521	349,822		10,676,615
Adjustment (D)			(34,333)	(34,333)		10,642,282
April	310,279		41,802	352,081	(1,105)	10,993,258
May	344,944			344,944		11,338,202
June	341,412		110,696	452,108	(3,785,199)	8,005,111
Adjustment (D)			(25,449)	(25,449)		7,979,662
July	342,536		43,130	385,666		8,365,328
August	336,125		42,040	378,165		8,743,493
September	290,928		54,157	345,085		9,088,578
Adjustment (D)			40,976	40,976		9,129,554
October	333,653		58,000	391,653	(978)	9,520,230
November	311,616		63,032	374,648		9,894,878
December	331,895		60,322	392,217	(2,363,982)	7,923,113
	3,808,079		521,348	4,329,427	(6,151,264)	
Year 2007						
Adjustment (D)			66,080	66,080		7,989,194
January	281,203		(565)	280,638	(978)	8,268,853
February			62,215	62,215		8,331,069
March	362,224		71,510	433,733		8,764,802
Adjustment (D)	478,805		1,795	480,600		9,245,402
April			68,127	68,127		9,313,529
May	404,802		112,389	517,191	(27,620)	9,803,100
June	435,942		74,016	509,958	(8,496,899)	1,816,159
Adjustment (D)	430,485		(50,524)	379,961	(1,211)	2,194,909
July			78,255	78,255	(19,452)	2,253,712
August	489,031		81,943	570,974	(237,036)	2,587,650
September	442,271		89,764	532,035		3,119,685
Adjustment (D)	444,092		72,014	516,106		3,635,791
October			67,596	67,596		3,703,387
November	473,511		54,356	527,867		4,231,254
December	359,414		59,750	419,164	(1,275)	4,649,143
Adjustment (D)	387,870		25,370	413,240		5,062,383
	4,989,649		934,092	5,923,741	(8,784,471)	
Year 2008						
January	383,715		54,702	438,416		5,500,800
February	331,462		47,753	379,215	(1,743)	5,878,273
March	454,863		49,368	504,231		6,382,504
Adjustment (D)			22,587	22,587		6,405,091
April	467,788		46,783	514,571	(1,211)	6,918,451
May	443,635		69,437	513,072	(105,270)	7,326,253
June	431,890		28,062	459,952	(15,000)	7,771,204
Adjustment (D)			(38,341)	(38,341)		7,732,863
July	417,579		26,245	443,825	(1,065)	8,175,622
August	411,110		29,025	440,135		8,615,757
September	399,271		10,847	410,118	(17,345)	9,008,530
Adjustment (D)			(44,832)	(44,832)		8,963,698
October	345,680		32,587	378,268		9,341,966
November	420,913		36,485	457,398		9,799,364
December	391,877		26,802	418,679	(3,584,412)	6,633,631
Adjustment (D)			(17,280)	(17,280)	(1,401)	6,614,949
	4,899,784		380,229	5,280,013	(3,727,447)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
Year 2009						
January	317,141		22,359	339,500	(1,425)	6,953,024
February	298,385		15,770	314,155	(2,023,300)	5,243,879
March	387,449		22,560	410,009		5,653,889
Adjustment (D)			(10,540)	(10,540)		5,643,348
April	373,967		14,399	388,366	(200,000)	5,831,714
May	514,178		7,676	521,854	(1,211)	6,352,358
June	291,423		7,829	299,252		6,651,610
Adjustment (D)			3,151	3,151		6,654,761
July	375,170		14,058	389,228		7,043,989
August	410,553		15,175	425,728		7,469,717
September	343,028		70,241	413,269	(56,000)	7,826,986
October	361,952		31,352	393,304	(784)	8,219,506
November	358,216		18,764	376,980		8,596,486
December	318,110		12,718	330,828	(7,576,193)	1,351,121
Adjustment (D)			(10,874)	(10,874)		1,340,247
	4,349,570		234,641	4,584,211	(9,858,913)	
Year 2010						
January	337,976		10,634	348,609		1,688,857
February	319,785		8,935	328,720		2,017,577
March	332,366		5,556	337,923	(1,639)	2,353,861
Adjustment (D)			6,717	6,717		2,360,578
April	307,022		12,380	319,402		2,679,980
May	437,123		1,945	439,068		3,119,048
June	385,173		3,639	388,812		3,507,860
Adjustment (D)			11,228	11,228		3,519,088
July	376,073		3,460	379,533	(240,367)	3,658,254
August	385,990		3,360	389,350	(1,853)	4,045,752
September	399,365		15,001	414,366	(523)	4,459,596
Adjustment (D)			(5,759)	(5,759)		4,453,837
October	377,570		15,879	393,449		4,847,286
November	393,090		5,510	398,599	(2,666,070)	2,579,816
December	429,496		4,348	433,844	(100,270)	2,913,389
Adjustment (D)			(19,499)	(19,499)		2,893,890
	4,481,029		83,335	4,564,364	(3,010,721)	
Year 2011						
January	383,368		(7,021)	376,347		3,270,237
February	320,453		2,591	323,044	(713)	3,592,568
March	340,098		2,699	342,798		3,935,366
Adjustment (D)			69	69		3,935,435
April	357,546		3,881	361,427	(760)	4,296,102
May	443,707		5,395	449,102		4,745,204
June	397,558		7,372	404,930		5,150,133
Adjustment (D)			32,622	32,622		5,182,755
July	441,404		6,819	448,223		5,630,979
August	395,006		4,743	399,749	(641)	6,030,086
September	399,882		2,664	402,546		6,432,633
Adjustment (D)			45,862	45,862		6,478,495
October	454,116		12,791	466,906	(475)	6,944,926
November	439,158		9,242	448,400	(7,838,000)	(444,674)
December	367,447		3,824	371,271	(200,540)	(273,943)
Adjustment (D)			(11,134)	(11,134)		(285,077)
Escrow Account						
Reconciliations (E)	1,220		142	1,362	2,132	(281,583)
	4,740,963		122,561	4,863,524	(8,038,997)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
Year 2012						
January	412,446		3,104	415,550		133,968
February	391,515		3,391	394,906		528,873
March	817,841		4,018	821,860	(1,045)	1,349,688
Adjustment (D)			6,126	6,126		1,355,814
April	705,909		2,679	708,589		2,064,403
May	834,441		2,034	836,474		2,900,877
June	780,085		2,883	782,967		3,683,845
Adjustment (D)			4,898	4,898		3,688,742
July	932,791	310,930	3,368	1,247,089		4,935,831
August	817,158	272,386	4,444	1,093,988		6,029,820
September	955,062	318,354	2,236	1,275,652		7,305,472
Adjustment (D)			14,237	14,237		7,319,709
October	1,164,569	388,190	11,706	1,564,464	(1,093)	8,883,081
November	1,165,352	388,451	10,102	1,563,904		10,446,985
December	1,311,292	437,097	6,872	1,755,261	(3,000,000)	9,202,246
Adjustment (D)			583	583		9,202,829
Escrow Account						
Reconciliations (E)			2,750	2,750		9,205,578
	10,288,460	2,115,408	85,431	12,489,299	(3,002,138)	
Year 2013						
January	1,232,089	410,696	7,685	1,650,470	(974)	10,855,075
February	1,198,103	399,368	6,852	1,604,323	(414,000)	12,045,397
March	1,375,724	458,575	8,926	1,843,225	(1,235)	13,887,387
Adjustment (D)			(4,240)	(4,240)		13,883,147
April	1,215,549	405,183	8,904	1,629,635		15,512,783
May	1,271,804	423,935	8,607	1,704,346		17,217,128
June	1,291,000	430,333	11,632	1,732,966		18,950,094
Adjustment (D)			(162,435)	(162,435)		18,787,659
July	1,086,400	362,133	17,061	1,465,594	(784)	20,252,469
August	1,009,156	336,385	20,268	1,365,809	(449,000)	21,169,278
September	1,055,556	351,852	18,299	1,425,706		22,594,985
Adjustment (D)			40,156	40,156		22,635,141
October	1,174,797	391,599	32,518	1,598,913		24,234,054
November	1,066,682	355,561	32,523	1,454,765	(8,000,000)	17,688,819
December	1,463,134	487,711	26,944	1,977,788	(641)	19,665,966
Adjustment (D)			(80,902)	(80,902)		19,585,064
Escrow Account						
Reconciliations (E)			637	637		19,585,700
	14,439,993	4,813,331	(6,568)	19,246,756	(8,866,634)	
Year 2014						
January	1,124,250	374,750	27,528	1,526,528		21,112,228
February	1,062,361	354,120	28,268	1,444,749		22,556,977
March	1,152,454	384,151	26,766	1,563,371	(831)	24,119,517
Adjustment (D)			48,702	48,702		24,168,219
April	1,213,821	404,607	29,052	1,647,479		25,815,699
May	1,281,658	427,219	32,586	1,741,464	(1,022)	27,556,140
June	1,345,564	448,521	32,178	1,826,264	(8,000,000)	21,382,404
Adjustment (D)			117,592	117,592		21,499,997
July	1,288,249	429,416	33,327	1,750,992		23,250,989
August	1,251,053	417,018	35,767	1,703,838	(300,803)	24,654,023
September	1,185,733	395,244	37,884	1,618,862		26,272,885
Adjustment (D)			(80,345)	(80,345)		26,192,540
October	1,159,406	386,469	44,552	1,590,426		27,782,967
November	1,078,456	359,485	46,073	1,484,014		29,266,981
December	1,201,845	400,615	36,918	1,639,378		30,906,359
Adjustment (D)			110,807	110,807		31,017,166
Escrow Account						
Reconciliations (E)			817	817		31,017,983
	14,344,851	4,781,617	608,471	19,734,939	(8,302,656)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
Year 2015						
January	977,205	325,735	35,942	1,338,882		32,356,865
February	1,148,437	382,812	36,518	1,567,766		33,924,632
March	1,060,330	353,444	37,180	1,450,954		35,375,586
Adjustment (D)			160,964	160,964		35,536,550
April	1,074,925	358,309	32,166	1,465,400		37,001,950
May	1,252,100	417,367	37,685	1,707,152		38,709,102
June	1,200,840	400,280	35,453	1,636,573	(808)	40,344,868
Adjustment (D)			(198,111)	(198,111)	8,686,790	48,833,547
July	1,221,460		56,651	1,278,111	(22,913,563)	27,198,095
August	1,294,912		33,863	1,328,775		28,526,870
September	1,389,045		47,913	1,436,958		29,963,828
Adjustment (D)			137,737	137,737		30,101,565
October	1,426,767		39,215	1,465,982		31,567,547
November	1,368,134		39,152	1,407,286	(50,135)	32,924,698
December	1,506,856		31,279	1,538,135	(450,000)	34,012,832
Adjustment (D)			(199,441)	(199,441)		33,813,392
Escrow Account						
Reconciliations (E)			1,961	1,961		33,815,352
	14,921,010	2,237,946	366,129	17,525,085	(14,727,716)	
Year 2016						
January	1,386,718		38,216	1,424,934		35,240,286
February	1,397,262		41,684	1,438,946		36,679,232
March	734,794		31,678	766,472	(265,716)	37,179,988
Adjustment (D)			265,151	265,151		37,445,139
April	846,277		29,473	875,750	(282,761)	38,038,128
May	930,720		51,248	981,968	(750)	39,019,346
June	838,695		40,519	879,214		39,898,560
Adjustment (D)			135,992	135,992		40,034,553
July	817,085		42,866	859,951	(8,307,878)	32,586,626
August	836,657		41,362	878,019	(50,135)	33,414,510
September	759,571		45,568	805,139		34,219,650
Adjustment (D)			(90,421)	(90,421)		34,129,229
October	839,874		50,279	890,153		35,019,382
November	704,794		49,537	754,331		35,773,713
December	694,029		35,158	729,187		36,502,900
Adjustment (D)			(446,636)	(446,636)		36,056,263
Escrow Account						
Reconciliations (E)			8,936	8,936		36,065,199
	10,786,476	0	370,611	11,157,087	(8,907,240)	
Year 2017						
January	743,143		69,583	812,726		36,877,925
February	732,719		78,928	811,648		37,689,573
March	464,202		80,572	544,774		38,234,346
Adjustment (D)			(29,631)	(29,631)		38,204,716
April	398,619		98,145	496,764	(4,342,500)	34,358,980
May	510,396		101,549	611,945	(214,177)	34,756,748
June	494,353		132,724	627,077		35,383,826
Adjustment (D)			23,515	23,515		35,407,340
July	545,687		99,535	645,221	(50,135)	36,002,426
August	510,368		95,517	605,886	(3,000,000)	33,608,312
September	493,478		124,324	617,802	(225,298)	34,000,816
Adjustment (D)			(28,636)	(28,636)		33,972,180
October	527,016		95,487	622,503	(6,053,000)	28,541,683
November	326,431		91,339	417,769		28,959,452
December	494,897		54,704	549,601		29,509,053
Adjustment (D)			(310,905)	(310,905)		29,198,148
Escrow Account						
Reconciliations (E)			6,683	6,683		29,204,831
	6,241,310	0	783,432	7,024,742	(13,885,110)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
Year 2018						
January	512,633		80,158	592,791		29,797,622
February	455,654		87,565	543,219		30,340,841
March	161,606		91,446	253,052		30,593,893
Adjustment (D)			(495,274)	(495,274)		30,098,619
April	154,711		116,779	271,490		30,370,109
Adjustment (D)			(12)	(12)		30,370,097
May	166,858		106,000	272,858		30,642,955
June	114,593		112,144	226,737		30,869,692
Adjustment (D)			(222,135)	(222,135)		30,647,556
July	109,560		110,255	219,815		30,867,372
August	264,040		119,047	383,087	(2,000,000)	29,250,459
September	155,925		126,128	282,052	(107,289)	29,425,222
Adjustment (D)			(341,989)	(341,989)		29,083,233
October	175,372		120,480	295,852		29,379,086
November	87,236		117,521	204,757		29,583,842
December	180,549		96,108	276,657		29,860,500
Adjustment (D)			641,114	641,114		30,501,614
Escrow Account						
Reconciliations (E)			5,429	5,429		30,507,043
	2,538,736	0	870,765	3,409,500	(2,107,289)	
Year 2019						
January	152,383		612	152,994		30,660,037
February	190,350		188,936	379,286		31,039,323
Adjustment (D)			(95,426)	(95,426)		31,796,575
March	161,213		119,910	281,123		31,320,446
Adjustment (D)			301,978	301,978		31,622,423
April	166,410		103,167	269,578		31,892,001
May	163,450		115,575	279,025		32,075,600
June	169,353		109,354	278,708		32,354,308
Adjustment (D)			595,281	595,281		32,949,589
July	175,902		99,116	275,018	(2,000,000)	31,224,607
August	163,093		108,015	271,108		31,495,715
September	179,241		240,630	419,870		31,915,585
Adjustment (D)			181,310	181,310		32,096,895
October	176,573		94,950	271,523		32,368,418
November	145,858		92,749	238,608		32,607,026
December	184,579		74,479	259,058		32,866,084
Adjustment (D)			(60,648)	(60,648)		32,805,436
Escrow Account						
Reconciliations (E)			3,598	3,598		32,809,034
	2,028,406	0	2,273,585	4,301,991	(2,000,000)	
Year 2020						
January	150,721		67,662	218,382		33,027,416
February	141,982		79,006	220,988		33,248,404
March	168,362		81,541	249,903	(2,000,000)	31,498,307
Adjustment (D)			602,640	602,640		32,100,947
April	163,534		67,477	231,011		32,331,958
May	177,097		57,109	234,206		32,566,164
June	157,516		54,978	212,494	(50,135)	32,728,523
Adjustment (D)			346,784	346,784		33,075,307
July	153,885		34,636	188,522	(150,328)	33,113,501
August	111,629		35,547	147,177	(100,270)	33,160,407
September	164,886		39,372	204,258	(50,135)	33,314,530
Adjustment (D)			13,048	13,048		33,327,579
October	151,935		27,642	179,577	(31,986)	33,475,170
November	149,854		27,259	177,113		33,652,282
December	212,677		26,479	239,156		33,891,438
Adjustment (D)			7,303	7,303		33,898,742
Escrow Account						
Reconciliations (E)			3,217	3,217		33,901,959
	1,904,079	0	1,571,700	3,475,779	(2,382,854)	

APPENDIX B

Lake Belt Mitigation Trust Fund Financial Statement Year Ending December 31, 2019

	Lake Belt Mining Fee	Water Treatment Plant Upgrade Fee	Investment Income	Total Fees Plus Income	Approved Payments	Available Balance
TOTAL	\$ 121,029,014	\$ 13,948,302	\$ 10,158,378	\$ 145,135,693	\$ (111,233,734)	33,901,959

* 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 Adjustments (unrealized gain (loss)).

(E) See Annual Report Appendices C and D for more detail

APPENDIX C

Receipts / Approved Expenditures Summary

Receipts / Approved Expenditures Through 2020

Year	Permit Table Estimated Mitigation Fee Collections	Estimated Mitigation Fee Running Total	Department of Revenue Mitigation Fee Deposits	Actual Mitigation Fee Running Total	Investment Income	Cash Receipts Running Total	Approved Expenditures	End of Year Balance	Payment Summary	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		1,075.9
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	1,067.4
2004	2,547,282	11,883,164	3,109,122	12,922,387	132,434	13,680,814	866,124	6,206,713	491,360	159.5
2005	2,682,288	14,565,452	3,344,232	16,266,619	200,189	17,225,235	6,184	9,744,950	3,732,067	320.9
2006	2,824,449	17,389,901	3,808,079	20,074,698	521,348	21,554,662	6,151,264	7,923,113	-3,785,199	142.4
2007	2,974,145	20,364,046	4,989,649	25,064,347	934,092	27,478,403	8,784,471	5,062,383	-6,994,199	124.4
2008	3,131,775	23,495,821	4,899,784	29,964,131	380,229	32,758,416	3,727,447	6,614,949		10.0
2009	3,297,759	26,793,580	4,349,570	34,313,701	234,641	37,342,627	9,858,913	1,340,247		954.0
2010	3,472,540	30,266,120	4,481,029	38,794,730	83,335	41,906,991	3,010,721	2,893,890		1,554.3
2011	3,656,585	33,922,705	4,740,963	43,535,693	122,561	46,770,515	8,038,997	(281,583)		620.0
2012	3,838,769	37,761,474	12,403,868	55,939,561	85,431	59,259,814	3,002,138	9,205,578		787.0
2013	4,042,223	41,803,697	19,253,324	75,192,885	(6,568)	78,506,570	8,866,634	19,585,700		2,098.8
2014	4,256,461	46,060,158	19,126,468	94,319,353	608,471	98,241,509	8,302,656	31,017,983		2,128.8
2015 ¹	4,482,054	50,542,211	17,158,956	111,478,309	366,129	115,766,594	14,727,716	33,815,352		4,513.0
2016	4,719,603	55,261,814	10,786,476	122,264,785	370,611	126,923,681	8,907,240	36,065,199		1,370.2
2017	4,969,741	60,231,555	6,241,310	128,506,095	783,432	133,948,423	13,885,109	29,204,832		1,667.2
2018 ²	5,233,138	65,464,693	2,538,736	131,044,831	870,765	137,357,924	2,107,289	30,507,044		524.8
2019 ²	5,510,494	70,975,187	2,028,406	133,073,237	2,273,585	141,659,915	2,000,000	32,809,035		524.8
2020	5,802,550	76,777,737	1,904,079	134,977,316	1,571,700	145,135,694	2,382,854	33,901,960		548.0
TOTAL			\$134,977,316		\$10,158,378		\$111,233,734		\$0	20,191.4

* 1999 & 2000 combined

2020 notes

¹ Per 9/2020 Corps concurrence letter, the mitigation acres for the L-31N seepage barrier project were decreased by 86.8 acres. The total 2015 mitigation acres were reduced from 4,599.8 to **4,513.0** acres.

² Per SFWMD, the investment income amounts for 2018 and 2019 have been updated. 2018 - from (411,463) to **870,765** and 2019 - from 428,597 to **2,273,585**

C-139 Annex Project Mitigation Credits

December 2012 Motion

14,302 acres
\$10,377 cost/acre

9,733 WRAP units
\$15,248 cost/WRAP unit

LBMC Meeting	Contribution	C-139 acres	WRAP units	Pennsuco-equivalent acres
12/2012	\$ 3,000,000	289.1	196.8	787.0
11/2013	\$ 8,000,000	770.9	524.7	2,098.8
6/2014	\$ 8,000,000	770.9	524.7	2,098.8
7/2015	\$ 8,000,000	770.9	524.7	2,098.8
7/2016	\$ 5,000,000	481.8	327.9	1,311.6
8/2017	\$ 3,000,000	289.1	196.7	786.8
9/2018	\$ 2,000,000	192.7	131.2	524.8
7/2019	\$ 2,000,000	192.7	131.2	524.8
3/2020	\$ 2,000,000	192.7	131.2	524.8
Total	\$ 41,000,000	3,951.0	2,689.1	10,756.2

Estimated WRAP units/acre subject to the permitted credit determination for the project.

Estimated cost/acre subject to change to meet full cost accounting requirements.

Pennsuco restoration - WRAP score = 0.25 units / acre

**Summary of Water Treatment Plant Upgrade Fee Deposits and
Seepage Management Project Expenditures Approved by the Committee**

Deposits

Year	Department of Revenue Treatment Plant Fee Deposits	Treatment Plant Fee Running Total
2012	\$ 2,115,408	\$ 2,115,408
2013	\$ 4,813,331	\$ 6,928,739
2014	\$ 4,781,617	\$ 11,710,356
2015	\$ 2,237,946	\$ 13,948,302

Expenditures

Year Approved by Committee	Project	Expenditure
2009	L-31N pilot project construction costs	\$ 253,868
2010	L-31N pilot project tracer test	\$ 184,580
2010	Dade-Broward Levee drilling	\$ 119,000
2011	Dade-Broward Levee drilling contingency	\$ 5,005
2011	L-31N Phase 1 construction	\$ 7,838,000
2013	Dade-Broward Levee Phase 1	\$ 414,000
2013	Dade-Broward Levee mulching	\$ 449,000
2015	L-31N Phase 2 construction	\$ 13,757,000
2015	Dade-Broward Levee Phase 1 construction	\$ 1,489,422
2016	Dade-Broward Levee Phase 2 construction	\$ 3,040,957

TOTAL \$ 27,550,832

Summary of 2020 Expenditures / Mitigation Acres Approved by Committee

	<u>Acres</u>	<u>Amount</u>
1. SFWMD - C-139 Annex land acquisition, restoration and long-term management		\$ 2,000,000
Mitigation Committee - March 2020		
Cost/WRAP Unit	\$15,248	
WRAP units	131.2 units	
Pennsuco WRAP score	0.25 units/acre	
Pennsuco equivalent mitigation acres = $131.2 / 0.25 =$	524.8	
2. SFWMD - Pennsuco land acquisition, enhancement and long-term management		
Governing Board - June 2020		
5.0 acres	Acquisition cost plus \$2,027 / acre	5.0 \$ 50,135
Governing Board - August 2020		
10.0 acres		10.0 \$ 100,270
Governing Board - September 2020		
5.0 acres		5.0 \$ 50,135
Governing Board - October 2020		
3.19 acres		3.2 \$ 31,986
3. MDLPA - Dade-Broward Levee improvement project - Phase 3		\$ 19,179
Mitigation Committee - August 2020		
Dade-Broward Levee structures operation and maintenance		
4. MDLPA - Water Quality Monitoring (10/1/2020 - 9/30/2021)		\$ 131,149
Mitigation Committee - March 2020		
5. Mitigation Committee Administrative Expenses		\$ -
Total Pennsuco equivalent mitigation acres / Expenditures	548.0	\$ 2,382,854

Escrow account reconciliation deposits (see Appendix D)

1. Escrow account accrued interest through 9/30/2020	\$ 3,217
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L-31N Update

Corps concurrence with L-31N seepage barrier credits (86.8)

774 WRAP credits awarded by Committee for the 5-mile barrier in 2015
 2015 modeling indicated that the potential effect of mining projects to the east offsets approximately 2.8% of the benefit of the barrier (or 21.7 WRAP mitigation credits).

2015 mitigation acres were reduced by 86.8 acres ($21.7 / 0.25$) in Report Table 2 and Appendix C summary table (page 1).

APPENDIX D

MacVicar Consulting, Inc.

4524 West Gun Club Road, Suite 201, West Palm Beach FL 33415 (561) 689-1708

To: Robert Hopper
From: Jeff Rosenfeld
on behalf of the Miami-Dade Limestone Products Association
Date: November 23, 2020
Subject: Lake Belt Mitigation Trust Fund – Accrued Interest

Per the SFWMD-MDLPA agreement, accrued interest in the Greenberg Traurig escrow account is to be returned to SFWMD for deposit into the Lake Belt Mitigation Trust Fund. Greenberg Traurig reports that a total of \$3,217.30 of interest was earned in the escrow account during the period from October 1, 2019 through September 30, 2020. We plan on submitting an accrued interest check to SFWMD annually.

Attached for deposit to the Lake Belt Mitigation Trust Fund is a check for the 2020 accrued interest earned in the Greenberg Traurig escrow account.
