

COVER SHEET

Responsible Agency: U.S. Army Corps of Engineers (USACE)

Title: *Supplemental Environmental Impact Statement on Rock Mining in the Lake Belt Region of Miami-Dade County, Florida (Lake Belt Supplemental Environmental Impact Statement)*

Location: Miami-Dade County, Florida

For additional information or for copies of this Draft Lake Belt Supplemental Environmental Impact Statement (SEIS), contact:

Leah Oberlin, EIS Project Manager
U.S. Army Corps of Engineers
Regulatory Division, Palm Beach Gardens Regulatory Office
4400 PGA Boulevard, Suite 500
Palm Beach Gardens, FL 33410
Telephone: 561-472-3506

This document is also available on the *Lake Belt SEIS* website (<http://www.lakebeltseis.com>) for viewing and downloading.

Abstract: The USACE is evaluating proposals to continue limestone mining and related activities in an area of Miami-Dade County known as the Lake Belt. The USACE has identified and assessed seven alternatives related to continued mining in the Lake Belt area: (1) No Action, (2) Existing Permitted Mining, (3) Applicants' Preferred Alternative, (4) Full Mine-Out Under the Lake Belt Plan, (5) Exclusion of Mining or Related Activities in the Western Half of the Florida Power and Light Company Transmission Corridor, (6) Exclusion of Mining or Related Activities Beyond Existing Permits Along the Eastern Border of the Everglades National Park Adjacent to the Lake Belt, and (7) Exclusion of Mining or Related Activities Along the Eastern Border of the Everglades National Park and in the Western Half of the Florida Power and Light Company Transmission Corridor. Under the No Action Alternative, mining in the Lake Belt area would shut down as soon as the USACE issued a decision revoking existing permits. Under the other alternatives, mining would be allowed to continue in the Lake Belt area in varying degrees over the next 5 to 30 years. The affected environment is primarily the area immediately surrounding the Lake Belt area in northern Miami-Dade County. Analyses indicate that the environmental impacts are closely tied to the number of acres proposed to be mined, with alternatives proposing the largest amount of mining having the largest environmental impacts for most of the areas of concern. The primary discriminators are: natural cover types and wetlands, habitat units, potential impacts to endangered wood storks, hydrology, water quality, and socioeconomics. A mitigation plan has been evaluated that could offset many of the potential environmental impacts.

Public Comments: In preparation of this *Draft Lake Belt SEIS*, the USACE considered comments received from the public during the scoping period (October 4 to November 17, 2006). Locations and times of public hearings on this document will be announced in the *Federal Register* in August 2007. Comments on this *Draft Lake Belt SEIS* will be accepted at the address listed above for a period of 60 days following its issuance and will be considered for preparation of the *Final Lake Belt SEIS*.

*Draft Supplemental
Environmental Impact Statement on
Rock Mining in the Lake Belt Region
of Miami-Dade County, Florida*

Volume 2
(Appendices A–F)

U.S. Army Corps of Engineers
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Table of Contents

Appendix A — Legal Notices

A.1	Notice of Intent	A-1
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Appendix B — Lake Belt Phase II Plan

Appendix C — Lake Belt Groundwater Flow Modeling

C.1	Introduction	C-1
C.2	History	C-1
C.3	Model Set-Up	C-2
C.4	Model Calibration	C-11
C.5	Hydraulic Conductivity Analysis	C-15
C.5.1	Overview of USGS Interpretations from Core Examinations	C-15
C.5.2	North Miami-Dade Hydraulic Conductivity Distribution.....	C-20
C.5.3	Qualitative Comparison of Hydraulic Conductivity Distribution	C-20
C.6	Model Modification for the Current SEIS Study	C-25
C.7	Model Verification.....	C-26
C.8	Model Application	C-27
C.9	Assumptions and Limitations	C-73
C.10	References.....	C-74

Appendix D — U.S. Fish and Wildlife Service Biological Opinion

Appendix E — Permits

Appendix F — Florida Coastal Zone Management Program Federal Consistency Evaluation Procedures

F.1	Chapter 161, Beach and Shore Preservation	F-1
F.2	Chapters 186 and 187, State Regional Planning.....	F-1
F.3	Chapter 252, Disaster Preparation, Response, and Mitigation	F-1
F.4	Chapter 253, State Lands	F-1
F.5	Chapters 253, 259, 260, and 375, Land Acquisition.....	F-2
F.6	Chapter 258, State Parks and Aquatic Preserves	F-2
F.7	Chapter 267, Historic Preservation	F-2
F.8	Chapter 288, Economic Development and Tourism	F-2
F.9	Chapters 334 and 339, Public Transportation	F-2
F.10	Chapter 370, Saltwater Living Resources.....	F-2
F.11	Chapter 372, Living Land and Freshwater Resources	F-3
F.12	Chapter 373, Water Resources	F-3
F.13	Chapter 376, Pollutant Spill Prevention and Control	F-3
F.14	Chapter 377, Oil and Gas Exploration and Production.....	F-3
F.15	Chapter 380, Environmental Land and Water Management	F-3
F.16	Chapter 388, Arthropod Control.....	F-4
F.17	Chapter 403, Environmental Control.....	F-4
F.18	Chapter 582, Soil and Water Conservation	F-4

List of Figures

Figure C-1	Area Covered by the Lake Belt Groundwater Model	C-4
Figure C-2	Domain of the North Miami-Dade County Groundwater Flow Model	C-6
Figure C-3	Active/Inactive Domain in Bottom-most (Layer 7) of the Groundwater Model.....	C-7
Figure C-4	Active/Inactive Domain in Top-Most (Layer 1) of the Groundwater Model.....	C-7
Figure C-5	Horizontal Discretization of Model Domain.....	C-8
Figure C-6	Vertical Discretization of Model Domain	C-8
Figure C-7	Canals Modeled Using the River and Drain Packages.....	C-9
Figure C-8	Extraction Wells Included in the Model.....	C-10
Figure C-9a	Hydraulic Conductivity of Layer 2	C-12
Figure C-9b	Hydraulic Conductivity of Layer 3	C-12
Figure C-9c	Hydraulic Conductivity of Layer 4	C-13
Figure C-9d	Hydraulic Conductivity of Layer 5	C-13
Figure C-9e	Hydraulic Conductivity of Layer 6	C-14
Figure C-9f	Hydraulic Conductivity of Layer 7	C-14
Figure C-10	Monitoring Wells for Model Verification.....	C-29
Figure C-11	Transects Evaluated for Seepage Analysis	C-32
Figure C-12a	Potentiometric Surface in Layer 4 for the Baseline under Dry Condition	C-34
Figure C-12b	Potentiometric Surface in Layer 4 for Alternative 2 under Dry Condition	C-34
Figure C-12c	Potentiometric Surface in Layer 4 for Alternative 3 under Dry Condition	C-35
Figure C-12d	Potentiometric Surface in Layer 4 for Alternative 4 under Dry Condition	C-35
Figure C-12e	Potentiometric Surface in Layer 4 for Alternative 5 under Dry Condition	C-36
Figure C-12f	Potentiometric Surface in Layer 4 for Alternative 6 under Dry Condition	C-36
Figure C-12g	Potentiometric Surface in Layer 1 for the Baseline under Dry Condition	C-37
Figure C-12h	Potentiometric Surface in Layer 2 for the Baseline under Dry Condition	C-37
Figure C-12i	Potentiometric Surface in Layer 3 for the Baseline under Dry Condition	C-38
Figure C-12j	Potentiometric Surface in Layer 5 for the Baseline under Dry Condition	C-38
Figure C-12k	Potentiometric Surface in Layer 6 for the Baseline under Dry Condition	C-39
Figure C-12l	Potentiometric Surface in Layer 7 for the Baseline under Dry Condition	C-39
Figure C-13a	Potentiometric Surface in Layer 4 for the Baseline under Wet Condition.....	C-40
Figure C-13b	Potentiometric Surface in Layer 4 for Alternative 2 under Wet Condition	C-40
Figure C-13c	Potentiometric Surface in Layer 4 for Alternative 3 under Wet Condition	C-41
Figure C-13d	Potentiometric Surface in Layer 4 for Alternative 4 under Wet Condition	C-41
Figure C-13e	Potentiometric Surface in Layer 4 for Alternative 5 under Wet Condition	C-42
Figure C-13f	Potentiometric Surface in Layer 4 for Alternative 6 under Wet Condition	C-42
Figure C-13g	Potentiometric Surface in Layer 1 for the Baseline under Wet Condition.....	C-43
Figure C-13h	Potentiometric Surface in Layer 2 for the Baseline under Wet Condition.....	C-43
Figure C-13i	Potentiometric Surface in Layer 3 for the Baseline under Wet Condition.....	C-44
Figure C-13j	Potentiometric Surface in Layer 5 for the Baseline under Wet Condition.....	C-44
Figure C-13k	Potentiometric Surface in Layer 6 for the Baseline under Wet Condition.....	C-45
Figure C-13l	Potentiometric Surface in Layer 7 for the Baseline under Wet Condition.....	C-45
Figure C-14a	Darcy Velocity in Layer 4 for the Baseline under Dry Condition	C-46
Figure C-14b	Darcy Velocity in Layer 4 for Alternative 2 under Dry Condition.....	C-46
Figure C-14c	Darcy Velocity in Layer 4 for Alternative 3 under Dry Condition.....	C-47
Figure C-14d	Darcy Velocity in Layer 4 for Alternative 4 under Dry Condition.....	C-47
Figure C-14e	Darcy Velocity in Layer 4 for Alternative 5 under Dry Condition.....	C-48
Figure C-14f	Darcy Velocity in Layer 4 for Alternative 6 under Dry Condition.....	C-48
Figure C-14g	Darcy Velocity in Layer 1 for the Baseline under Dry Condition	C-49
Figure C-14h	Darcy Velocity in Layer 2 for the Baseline under Dry Condition	C-49
Figure C-14i	Darcy Velocity in Layer 3 for the Baseline under Dry Condition	C-50
Figure C-14j	Darcy Velocity in Layer 5 for the Baseline under Dry Condition	C-50
Figure C-14k	Darcy Velocity in Layer 6 for the Baseline under Dry Condition	C-51
Figure C-14l	Darcy Velocity in Layer 7 for the Baseline under Dry Condition	C-51

Figure C-15a	Darcy Velocity in Layer 4 for the Baseline under Wet Condition	C-52
Figure C-15b	Darcy Velocity in Layer 4 for Alternative 2 under Wet Condition	C-52
Figure C-15c	Darcy Velocity in Layer 4 for Alternative 3 under Wet Condition	C-53
Figure C-15d	Darcy Velocity in Layer 4 for Alternative 4 under Wet Condition	C-53
Figure C-15e	Darcy Velocity in Layer 4 for Alternative 5 under Wet Condition	C-54
Figure C-16f	Darcy Velocity in Layer 4 for Alternative 6 under Wet Condition	C-54
Figure C-15g	Darcy Velocity in Layer 1 for the Baseline under Wet Condition	C-55
Figure C-15h	Darcy Velocity in Layer 2 for the Baseline under Wet Condition	C-55
Figure C-15i	Darcy Velocity in Layer 3 for the Baseline under Wet Condition	C-56
Figure C-15j	Darcy Velocity in Layer 5 for the Baseline under Wet Condition	C-56
Figure C-15k	Darcy Velocity in Layer 6 for the Baseline under Wet Condition	C-57
Figure C-15l	Darcy Velocity in Layer 7 for the Baseline under Wet Condition	C-57
Figure C-16a	Simulated Groundwater Level for the Baseline and Alternative 2	C-58
Figure C-16b	Simulated Groundwater Level for the Baseline and Alternative 3	C-59
Figure C-16c	Simulated Groundwater Level for the Baseline and Alternative 4	C-62
Figure C-16d	Simulated Groundwater Level for the Baseline and Alternative 5	C-64
Figure C-16e	Simulated Groundwater Level for the Baseline and Alternative 6	C-66
Figure C-17	Hydroperiod for the Baseline under Dry Condition	C-68
Figure C-18a	Hydroperiod for the Baseline under Average Condition	C-68
Figure C-18b	Hydroperiod for Alternative 2 under Average Condition	C-69
Figure C-18c	Hydroperiod for Alternative 3 under Average Condition	C-69
Figure C-18d	Hydroperiod for Alternative 4 under Average Condition	C-70
Figure C-18e	Hydroperiod for Alternative 5 under Average Condition	C-70
Figure C-18f	Hydroperiod for Alternative 6 under Average Condition	C-71
Figure C-19	Hydroperiod for the Baseline under Wet Condition	C-71
Figure C-20a	Water Budget for the Baseline during June 1989 - May 1990 (Dry) Period	C-72
Figure C-20b	Water Budget for the Baseline during 1989-1995 (7-Year) Average Period.....	C-72

List of Tables

Table C-1	MODFLOW Packages Used in the Lower East Coast Subregional Models.....	C-3
Table C-2	Hydrogeologic Properties Used in the Lake Belt Model	C-11
Table C-3	Summary of USGS Conceptual Hydrogeologic Model Layers and Pore Classes.....	C-17
Table C-4	Distribution of North Miami-Dade Model Hydraulic Conductivity per Model Layer	C-21
Table C-5	Qualitative Comparison of Hydraulic Conductivity for North Miami-Dade MODFLOW Model Versus Pore Class Distribution	C-22
Table C-6	Description of Groundwater Simulations	C-27
Table C-7	Monitoring Wells for Model Verification.....	C-28
Table C-8	Summary Statistics for the Lake Belt 2006 Model Verification	C-29
Table C-9	The Two Key Residual Statistics for Individual Monitoring Stations for the Lake Belt 2006 Model Verification	C-30
Table C-10	Hydroperiod Class.....	C-33

List of Acronyms

AFSIRS	Agricultural Field-Scale Irrigation Requirements Simulation
CERP	Comprehensive Everglades Restoration Plan
CFP	conduit flow process
DERM	Miami-Dade County Department of Environmental Resources Management
ENP	Everglades National Park
FDEP	Florida State Department of Environmental Protection
<i>Final Lakebelt PEIS</i>	<i>Final Programmatic Environmental Impact Statement, Rock Mining – Freshwater Lakebelt Plan, Miami-Dade County, Florida</i>
FPL	Florida Power and Light Company
<i>Lake Belt SEIS</i>	<i>Supplemental Environmental Impact Statement on Rock Mining in the Lake Belt Region of Miami-Dade County, Florida</i>
MODFLOW	Modular Three-Dimensional Finite-Difference Groundwater Flow Model
NGVD	National Geodetic Vertical Datum
NWWF	Northwest Wellfield
SAS	surficial aquifer system
SFWMD	South Florida Water Management District
SFWMM	South Florida Water Management Model
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
WCA	Water Conservation Area