21375- SWM

Environmental Consultants
and Contractors

3012 U.S. Highway 301 North
Suite 700
Tampa, FL 33619-2242

813 621-0080
FAX 813 623-6757

SCS ENGINEERS

December 14, 2006
File No. 09204067.03

Mr Steve Morgan
FDEP Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637

Subject: Citrus County Central Landfill, Lecanto, Florida
Operations Permit No. 21375-008-SO/01
Remaining Site Life Calculation for Phase 1, 1A, and 2

Dear Mr. Morgan:

Citrus County Solid Waste Management Division recently submitted the remaining capacity report for the Central Landfill to the department. This report was prepared by SCS Engineers (SCS). The report inadvertently included drawings for the April 2006 calculations as attachments. Please accept the enclosed drawings that present the volume calculations based on the October 2006 survey to serve as the attachments for the November 30, 2006 report.

Please accept our apologies for any inconveniences this may have caused. Please feel free to call us if you have any questions or comments regarding the drawings or the report.

Dept. of Environmental Protection
DEC 15 2006
Southwest Dist...

Sincerely,

Michael E. Danzey

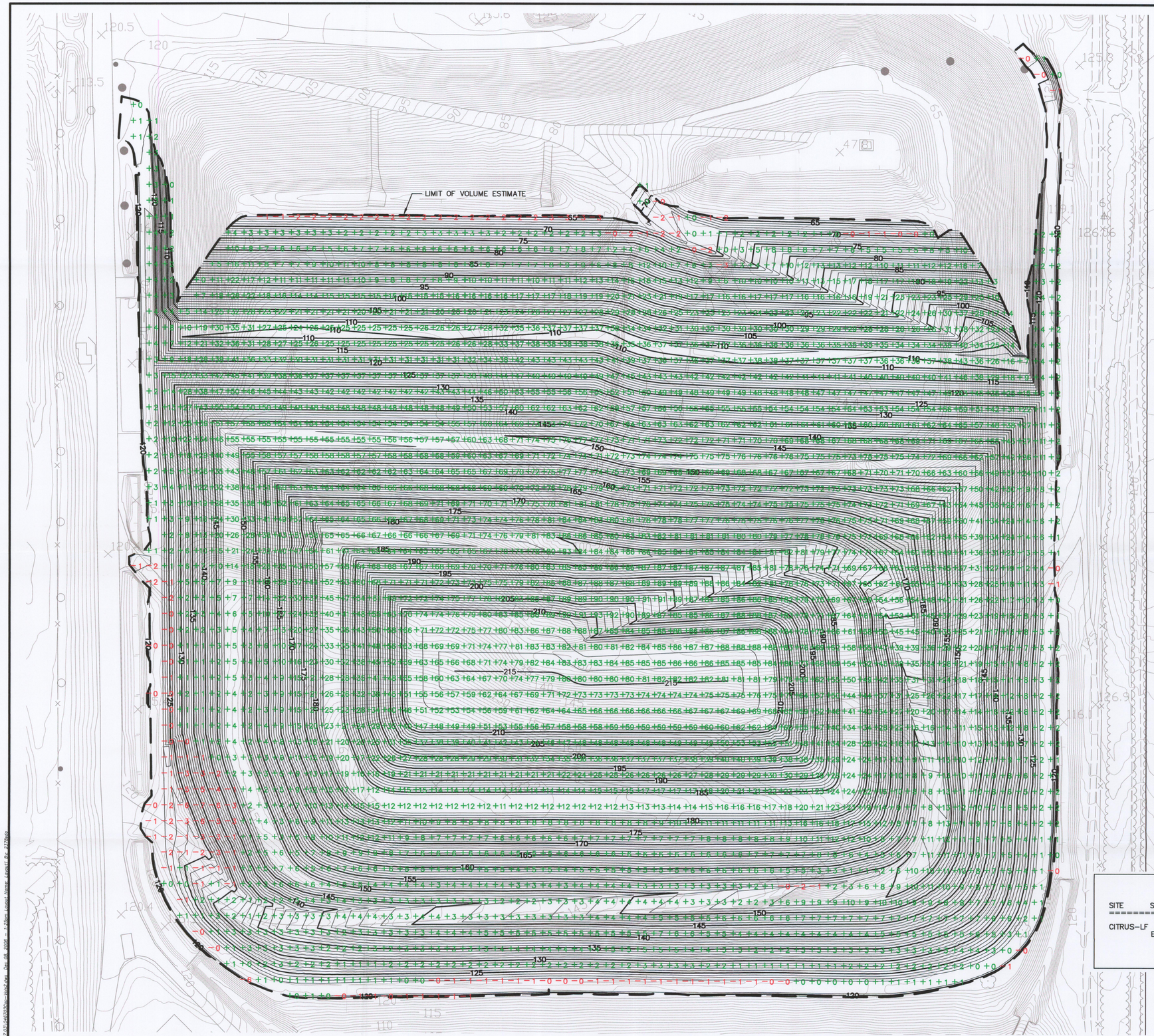
Michael E. Danzey
Project Engineer

John A. Banks, P.E.
Project Director
SCS ENGINEERS

MED/JAB:jab

Attachment

cc: Susan J. Metcalfe, P.G.



N

60 30 0 60
SCALE IN FEET

LEGEND

- 90 — EXISTING ELEVATIONAL CONTOUR (5 FOOT INTERVAL) 10/06/06 SURVEY
- EXISTING ELEVATIONAL CONTOUR (1 FOOT INTERVAL) 10/06/06 SURVEY
- × 117.58 — EXISTING SPOT ELEVATION
- 90 — PROPOSED BUILDOUT CONTOUR (5 FOOT INTERVAL)
- PROPOSED BUILDOUT CONTOUR (1 FOOT INTERVAL)
- +10 — FILL AREA AND DEPTH (FEET) BETWEEN 10/06/06 SURVEY AND PROPOSED BUILDOUT
- −6 — CUT AREA AND DEPTH (FEET) BETWEEN 10/06/06 SURVEY AND PROPOSED BUILDOUT

SITE VOLUME TABLE: UNADJUSTED

SITE	STRATUM	SURF1	SURF2	CUT YARDS	FILL YARDS	NET YARDS	METHOD
CITRUS–LF		EXIST100606vsPROPFINALBUILD112205					
			EXIST100606				
			PROPFINALBUILD112205				
				1,733	1,261,696	1,259,962 (F)	GRID

Dept. of Environmental Protection
DEC 15 2006
Southwest District

SURVEY SOURCE NOTE:

SURVEY PERFORMED BY KUCERA SOUTH, 2215 SOUTH FLORIDA AVENUE, LAKELAND FLORIDA 33803, TEL: (863) 686–8640. SURVEY INFORMATION SHOWN WAS COMPILED USING PHOTOGRAMMETRIC METHODS WITH A PHOTO DATE OF OCTOBER 6, 2006.

DRAWING TITLE
FINAL BUILDOUT vs. 10/06/06 SURVEY VOLUME ESTIMATE SITE PLAN

PROJECT TITLE
CENTRAL LANDFILL OPERATIONS DRAWINGS

CLIENT
CITRUS COUNTY LECANTO, FLORIDA

REV	DATE	DESCRIPTION	BY

JOHN A. BANKS, P.E.
CERTIFICATE NO. 39397

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HIGHWAY 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 621-0080 FAX NO. (813) 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09204067.03 | DSN. BY: JAB | DWN. BY: TAE/SDA | CHK. BY: JAB | QA/A. R/W BY: JAB | APP. BY: RJD

CADD FILE: 046703Cap–Vols2

DATE: NOVEMBER 2006

SCALE: AS SHOWN

DRAWING NO. **1** of 1

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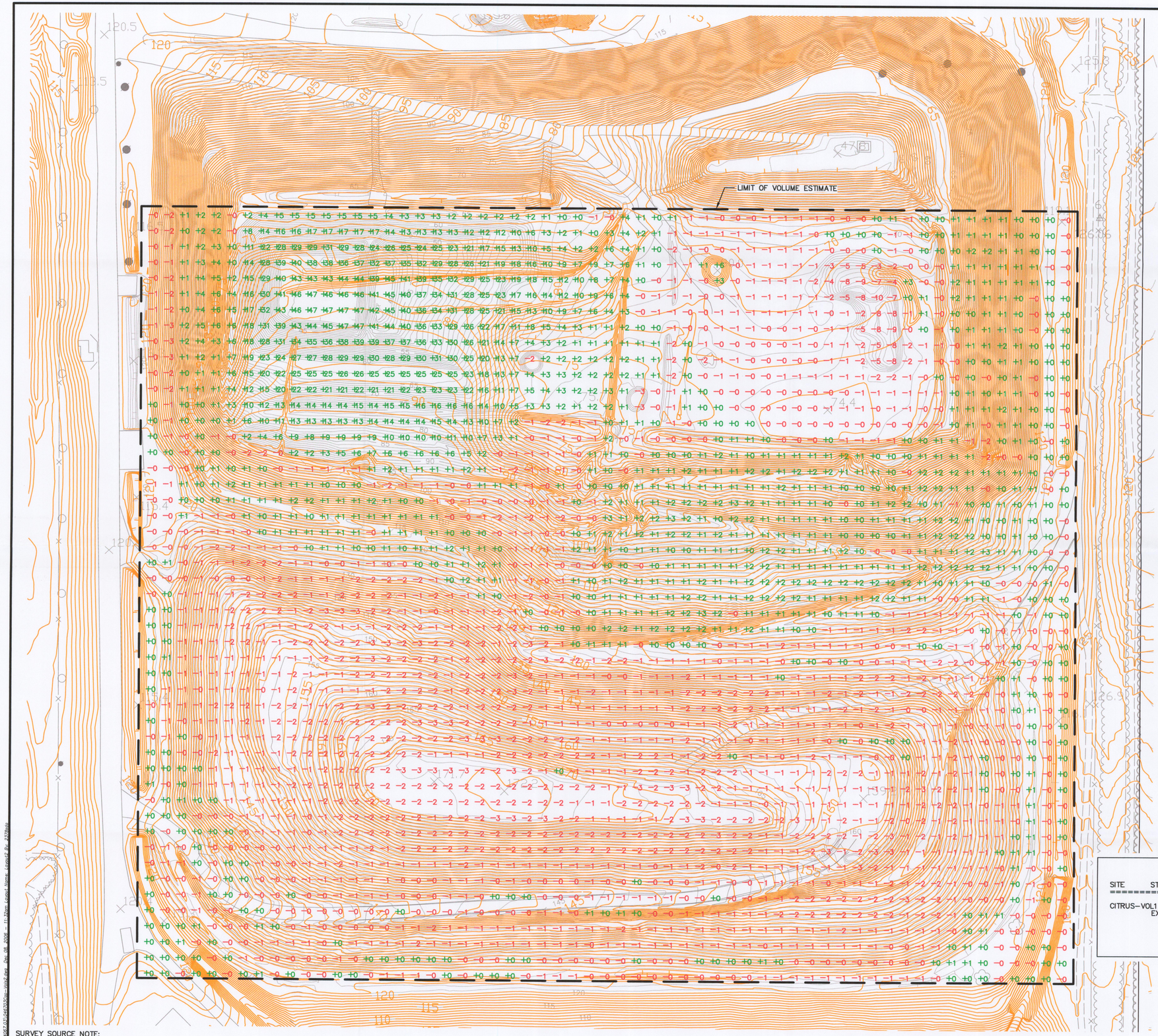

N

60 30 0 60

SCALE IN FEET

LEGEND

- 90 — EXISTING ELEVATIONAL CONTOUR (5 FOOT INTERVAL) 04/10/06 SURVEY
- EXISTING ELEVATIONAL CONTOUR (1 FOOT INTERVAL) 04/10/06 SURVEY
- × 117.58 EXISTING SPOT ELEVATION
- 80 — EXISTING ELEVATIONAL CONTOUR (5 FOOT INTERVAL) 10/06/06 SURVEY
- EXISTING ELEVATIONAL CONTOUR (1 FOOT INTERVAL) 10/06/06 SURVEY
- +10 FILL AREA AND DEPTH (FEET) BETWEEN 10/06/06 SURVEY AND 04/10/06 SURVEY
- −12 CUT AREA AND DEPTH (FEET) BETWEEN 10/06/06 SURVEY AND 04/10/06 SURVEY

SITE VOLUME TABLE: UNADJUSTED

SITE	STRATUM	SURF1	SURF2	CUT YARDS	FILL YARDS	NET YARDS	METHOD
CITRUS–VOL1	EXIST041006PORTIONvsEXIST100606	EXIST041006PORTION	EXIST100606	26,633	106,699	80,066 (F)	Grid

SURVEY SOURCE NOTE:

SURVEY PERFORMED BY KUCERA SOUTH, 2215 SOUTH FLORIDA AVENUE, LAKELAND FLORIDA 33803, TEL: (863) 686–8640. SURVEY INFORMATION SHOWN WAS COMPILED USING PHOTOGRAMMETRIC METHODS WITH PHOTO DATES OF APRIL 10, 2006 AND OCTOBER 6, 2006.

Dept. of Environmental Protection
DEC 15 2006
Southwest District

JOHN A. BANKS, P.E.
CERTIFICATE NO. 39397

REV	DATE	DESCRIPTION	BY
△			
△			
△			
△			
△			

DRAWING TITLE
04/10/06 SURVEY vs. 10/06/06 SURVEY VOLUME ESTIMATE SITE PLAN

PROJECT TITLE
CENTRAL LANDFILL OPERATIONS DRAWINGS

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CADD FILE: 046703Cap–Vols2

DATE: NOVEMBER 2006

SCALE: AS SHOWN

DRAWING NO. **1** of 1

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