Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926
(813) 632-7600

DATE: 7/12/12

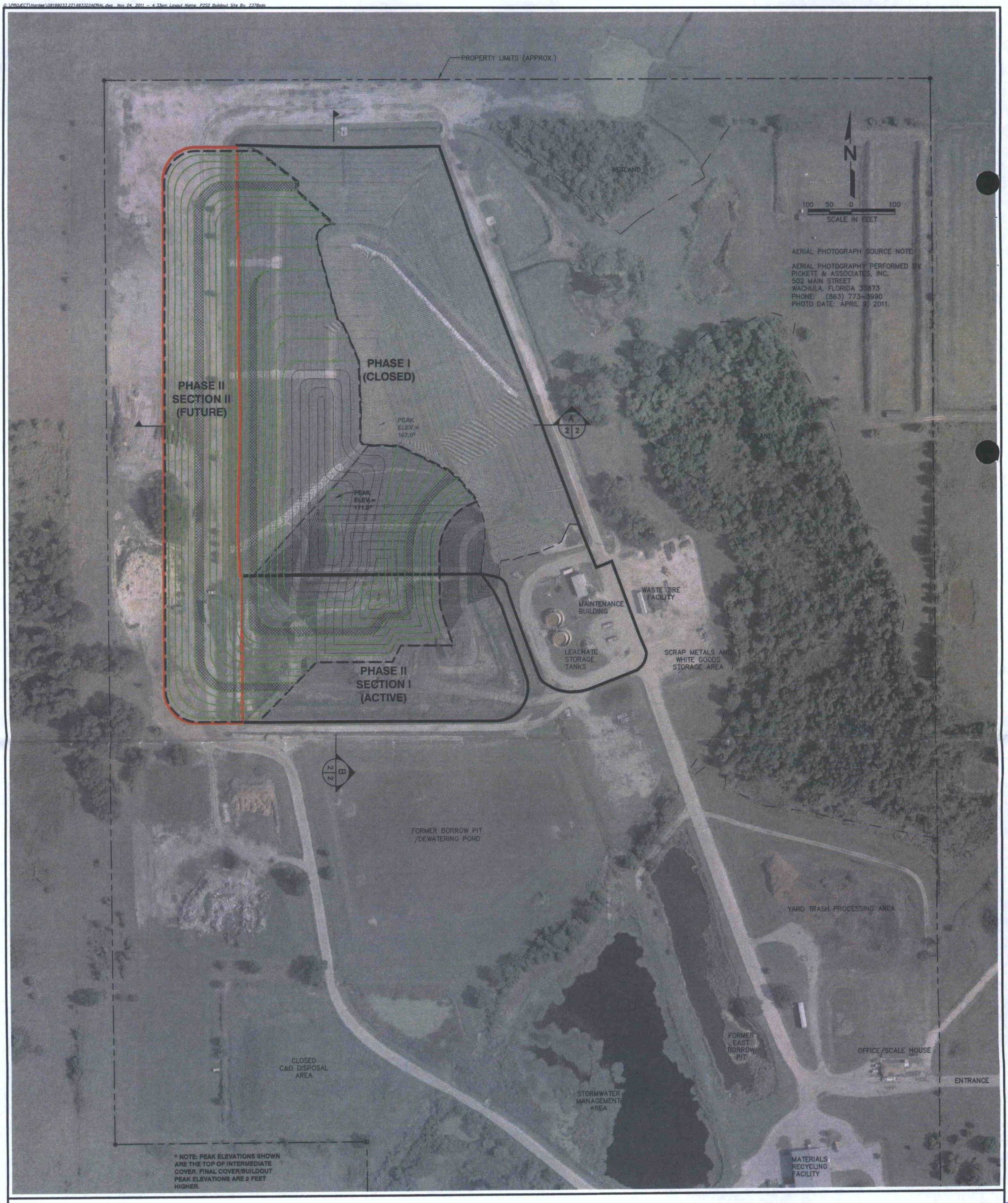
TIME: 2:00PM

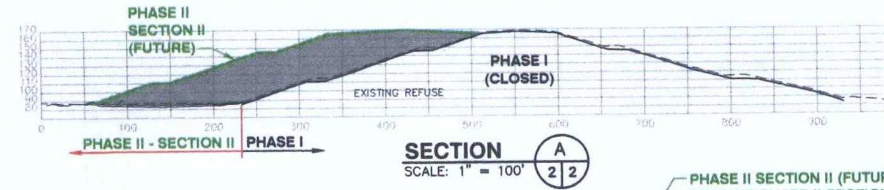
LOCATION/CONFERENCE ROOM: Room 205

SUBJECT: HARDEE CLASS I PHASE II SECTION 2 EXPANSION

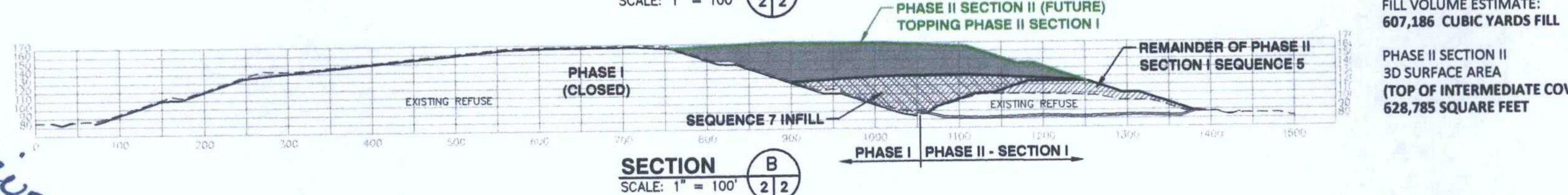
ATTENDEES

Name	Affiliation	Telephone	E-mail (All DEP employees' email ends in: @dep.state.fl.us)
STEVE MORGAN	FDEP-SW	(813)632-7600 X385	STEVE.morgan@
SUSAN PELZ	FDEP - Waste	X386	susan.pelz@
NANCY GASKIN	FDEP - SW	X375	Nancy.Gaskin
Teresa CARVER	Hardee County	863-773-5089	teresa.carver@hardeecounty.
Shane Fischer	SCS Engineers	813-621-0080	sfischer@scsengineers.c
Ken Wheeler	Hardee County	863-773-3272	ken.wheeler@hardeecounty.net
Ed Hilton	SCS Engineers	813.621.0080	ehilton@scsengineers.com





SECTION A 2|2
SCALE: 1" = 100'



SECTION B 2|2
SCALE: 1" = 100'

LEGEND

—100— PHASE II SECTION II (FUTURE) BUILDOUT CONTOURS/GRADES (TOP OF INTERMEDIATE COVER)

PHASE II SECTION II
FILL VOLUME ESTIMATE:
607,186 CUBIC YARDS FILL

PHASE II SECTION II
3D SURFACE AREA
(TOP OF INTERMEDIATE COVER):
628,785 SQUARE FEET

DRAWING NO.	SCALE:	DATE:	CADD FILE:
2 of 3	AS SHOWN	AUGUST 2011	993322AERIAL

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
4041 PARK OAKS BLVD., SUITE 100, TAMPA, FL 33610
813 621-0080 FAX 813 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09199033.22	DWN. BY: SDA	Q/A RVW BY: CEH
DSN. BY: MJR	CHK. BY: MJR	APP. BY: MJR

CLIENT
HARDEE COUNTY BOARD OF COUNTY COMMISSIONERS

DRAWING TITLE
PHASE II - SECTION II (FUTURE) BUILDOUT SITE PLAN

PROJECT TITLE
HARDEE COUNTY LANDFILL FEASIBILITY STUDY

REV	DATE	DESCRIPTION	BY
△			
△			
△			
△			
△			
△			

LICENSE NO.

Received 7/12/12

Correspondence File

Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926
(813) 632-7600

DATE: 04/03/12

TIME: 1:32

LOCATION/CONFERENCE ROOM: WASTE MGMT CO Rm. FDEP-TAMPA

SUBJECT: HARDEE CO. PHASE II, SECTION II, (WESTERN STRIP)

ATTENDEES

Name	Affiliation	Telephone	E-mail (All DEP employees' email ends in: @dep.state.fl.us)
NANCY GASKIN	FDEP, SOLID WASTE	(813)632-7600 x375	NANCY.GASKIN
STEVE MORGAN	FDEP, SW	x 385	STEVE.MORGAN
SUSAN PELZ	DEP SW	x 386	SUSAN.PELZ @
Steve Fischer	SCS Engineers	813-620-7644	SFischer@scsengineers.com
Teresa Carver	Hardee County	863-773-5089	teresa.carver

HARDEE CC IDs

Environmental Consultants
and Contractors

4041 Park Oaks Blvd.
Suite 100
Tampa, FL 33610-9501

813 621-0080
FAX 813 623-6757
www.scsengineers.com

SCS ENGINEERS

HARDEE COUNTY LANDFILL
PHASE II SECTION II LANDFILL EXPANSION AGENDA
APRIL 3, 2012 1:30 P.M.

1. Phase II Section II Expansion will be approximately 5 acres in size

2. Phase II Section II Expansion bottom system materials (from bottom up)

   - Prepared sub-base comprised of compacted soils free of sharp materials
   - Geosynthetic Clay Liner (GCL) as used for Phase II Section I
   - 60 mil textured HDPE geomembrane (secondary liner)
   - Double sided tri-planar geocomposite drainage layer (secondary geocomposite)
   - 60 mil textured HDPE geomembrane (primary liner)
   - Double-sided bi-planar geocomposite drainage layer (primary geocomposite)
   - 24-inch thick layer of soil cover
   - Rain tarp over portions

3. Phase II Section II Expansion bottom system materials will connect to Phase II Section I existing bottom system materials along the western side

4. Phase II Section II Expansion will connect to Phase I along the western side

   - Phase I West Sideslope - 60 mil textured HDPE geomembrane with a geocomposite already in place

   - Phase II Section II Expansion - Weld primary 60 mil textured HDPE geomembrane to the existing Phase I 60 mil textured HDPE geomembrane already in place

   - Fill will "piggy-back" onto the west sideslope of Phase I

- Not remove sod along western sideslope of Phase I

- Rubble riprap stormwater downchutes along western side of Phase I leave in place and not remove before filling begins

- Existing Phase I passive gas vents remain

- Create additional sideslopes berms to direct stormwater runoff from the western sideslope of Phase I away from the Phase II Section II Expansion

- Vertical expansion over the Phase I area with the Phase II Section II Expansion permit application

5. Not include the groundwater underdrain system in the entire Phase II Section II Expansion which is in the Phase II Section I area

    - Continue the groundwater underdrain system from the Phase II Section I area away from the Phase II Section II Expansion

6. Tentative schedule

    - Submit Phase II Section II Expansion construction permit application - August 2012
    - Finalize bid documents, advertise for bids - April 2013
    - Notice to proceed with construction - June 2013
    - Final completion of construction - December 2013
    - Submit certification report to FDEP - January 2014
    - FDEP certifies expansion project - Approximately May 2014
    - Existing Phase II Section I area with "piggy-back" permitted airspace through December 2013

7. Other issues

- Operations Permit Renewal application due November 1, 2012

- Operations Permit expires May 12, 2013

- Combine Operations Permit Renewal application and vertical expansion in with the Phase II Section II Expansion construction permit application submittal

    - Not hold up Phase II Section II Expansion permit for issues with the Operations Permit submittal