

SCS ENGINEERS

February 4, 2011
File No. 09207055.00

**Dept. of Environmental
Protection**

Steven G. Morgan
Florida Department of Environmental Resources
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

FEB 07 2011

Southwest District

Subject: Valve V-10 Installation
Hillsborough Southeast County Landfill, Hillsborough County
Landfill Gas Collection and Control System
WACS No.: SWD/29/41193

Dear Mr. Morgan:

On behalf of the Hillsborough County Public Utilities Department, Solid Waste Management Division (SWMD), SCS Engineers (SCS) submits the following as-built drawing indicating the location of the newly installed header isolation valve V-10 at the Southeast County Landfill.

As communicated to the Department via e-mail the installation of a new landfill gas header isolation valve V-10 was necessary in order to further isolate the landfill gas system header in the area of the sinkhole that formed on site. The valve was installed on January 7, 2011. Attached please find a revised sheet 4 of 30 to be added to the record drawings submitted as part of the construction certification report for solid waste construction permit no. 35435-016-SC/08

We have enclosed four copies of the drawing for your records. Please call if you have any questions.

Sincerely,



Daniel R. Cooper, PE
Project Manager
SCS ENGINEERS

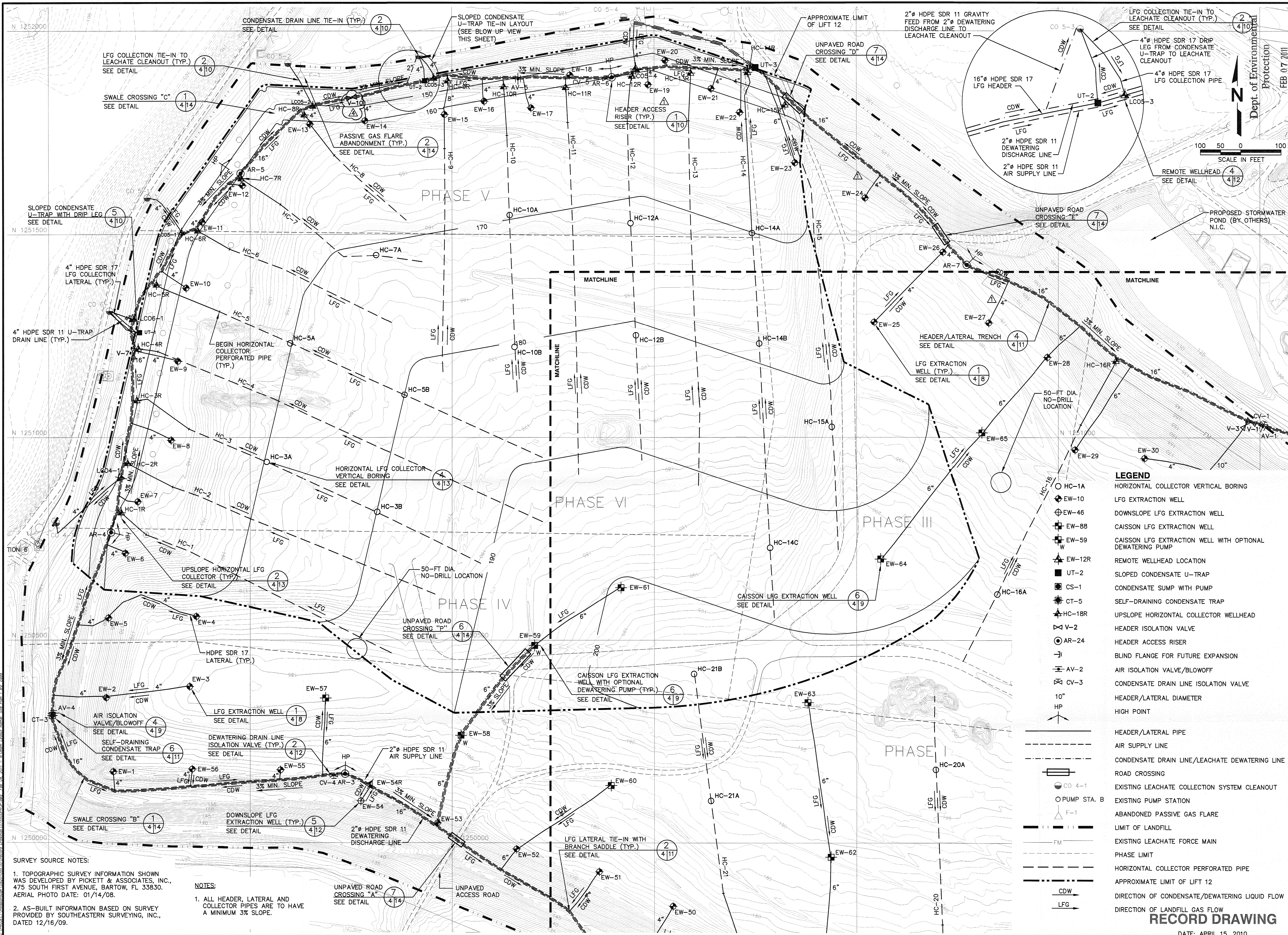


Raymond J. Dever, PE, BCEE
Vice President
SCS ENGINEERS

DRC/RJD:drc

cc: Patricia Berry, Hillsborough County Solid Waste Management Department
Larry Ruiz, Hillsborough County Solid Waste Management Department (e-mail)
Rich Siemering, HDR (e-mail)
Ron Cope, HCEPC





SURVEY SOURCE NOTES:

1. TOPOGRAPHIC SURVEY INFORMATION SHOWN WAS DEVELOPED BY PICKETT & ASSOCIATES, INC., 475 SOUTH FIRST AVENUE, BARTOW, FL 33830. AERIAL PHOTO DATE: 01/14/08.

2. AS-BUILT INFORMATION BASED ON SURVEY PROVIDED BY SOUTHEASTERN SURVEYING, INC., DATED 12/16/09.

NOTES:

1. ALL HEADER, LATERAL AND COLLECTOR PIPES ARE TO HAVE A MINIMUM 3% SLOPE.

- LEGEND**
- HORIZONTAL COLLECTOR VERTICAL BORING
 - LFG EXTRACTION WELL
 - DOWNSLOPE LFG EXTRACTION WELL
 - CAISSON LFG EXTRACTION WELL
 - CAISSON LFG EXTRACTION WELL WITH OPTIONAL DEWATERING PUMP
 - REMOTE WELLHEAD LOCATION
 - SLOPED CONDENSATE U-TRAP
 - CONDENSATE SUMP WITH PUMP
 - SELF-DRAINING CONDENSATE TRAP
 - UPSLOPE HORIZONTAL COLLECTOR WELLHEAD
 - HEADER ISOLATION VALVE
 - HEADER ACCESS RISER
 - BLIND FLANGE FOR FUTURE EXPANSION
 - AIR ISOLATION VALVE/BLOWOFF
 - CONDENSATE DRAIN LINE ISOLATION VALVE
 - HEADER/LATERAL DIAMETER
 - HIGH POINT
 - HEADER/LATERAL PIPE
 - AIR SUPPLY LINE
 - CONDENSATE DRAIN LINE/LEACHATE DEWATERING LINE
 - ROAD CROSSING
 - EXISTING LEACHATE COLLECTION SYSTEM CLEANOUT
 - EXISTING PUMP STATION
 - ABANDONED PASSIVE GAS FLARE
 - LIMIT OF LANDFILL
 - EXISTING LEACHATE FORCE MAIN
 - PHASE LIMIT
 - HORIZONTAL COLLECTOR PERFORATED PIPE
 - APPROXIMATE LIMIT OF LIFT 12
 - DIRECTION OF CONDENSATE/DEWATERING LIQUID FLOW
 - DIRECTION OF LANDFILL GAS FLOW
- RECORD DRAWING**
- DATE: APRIL 15, 2010

SCS ENGINEERS

STEARNS, CONRAD AND SCHMIDT

CONSULTING ENGINEERS

4041 PARK OAKS BLVD., SUITE 100, TAMPA, FL 33610

813 821-0080 FAX 813 823-6757

FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09207055-00

DRAWN BY: BJC

CHECKED BY: RJD

DATE: OCTOBER 8, 2008

SCALE: AS SHOWN

DRAWING NO. 075500PROP

DESCRIPTION

DATE

REV

WELL SCHEDULE UPDATED PER FIELD CONDITIONS	5/8/09	1
REVISED FOR THE RECORD	4/15/10	2
REVISED PER CERTIFICATION	8/12/10	3
REPORT RAI #1	1/24/11	4
ADDITION OF ISOLATION VALVE		

PROJECT TITLE

DRAWING TITLE

SOUTHEAST COUNTY LANDFILL LANDFILL GAS COLLECTION AND CONTROL SYSTEM PROJECT

SITE PLAN - 1

CLIENT

HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT TAMPA, FLORIDA

APPROVED

RAYMOND J. DEVER, P.E.

43031

Dept. of Environmental Protection
FEB 07 2011

SCALE IN FEET
100 50 0 100