
THE COLINAS GROUP, INC.
HYDROGEOLOGISTS & ENGINEERS

Dept. of Environmental
Protection

January 19, 2012

JAN 27 2012

Mr. Jackey Jackson
Sumter County Public Works
319 East Anderson Avenue
Bushnell, FL 33513

Southwest District

Subj: Sumter County Closed Landfill
Long-Term Care Permit No. 22926-003-SF
2011 Annual Gas Migration Monitoring
TCG Project No. P-453

Dear Mr. Jackson:

In accordance with the Sumter County Closed Landfill Long-Term Care Permit requirements, The Colinas Group, Inc. (TCG) measured and recorded landfill gas concentrations at Gas Probes and Gas Vents located throughout the landfill property. Locations of measuring points are shown on attached Figure 1. Gas measurements were recorded on December 14, 2011. A copy of the Calibration Certificate for the methane monitoring instrument used is attached.

Ambient air in the Animal Control buildings, Recyclable Storage Area, Equipment and Maintenance Shop, Old Material Recovery building and New Material Recovery Tipping Area was tested upon morning opening. All measurements in these buildings and work areas were reported as zero percent methane LEL.

Perimeter Gas Probes (GP-1 through GP-4 and M-1 through M-24) reported zero percent methane LEL. Gas Vents located within the closed waste cell footprint reported varying percentages of methane LEL, ranging from zero to 100 % LEL. Reported methane measurements for Gas Probes, Gas Vents and occupied buildings are shown on Figure 1.

The former landfill Scale House Building and nearby Office Building (trailer) to the northeast are permanently closed and locked and were not tested. Gas Vents GV-21 and GV-25 on the closed landfill could not be located and consequently, were not measured.

Please let me know if you have any questions concerning the Gas Migration Monitoring results.

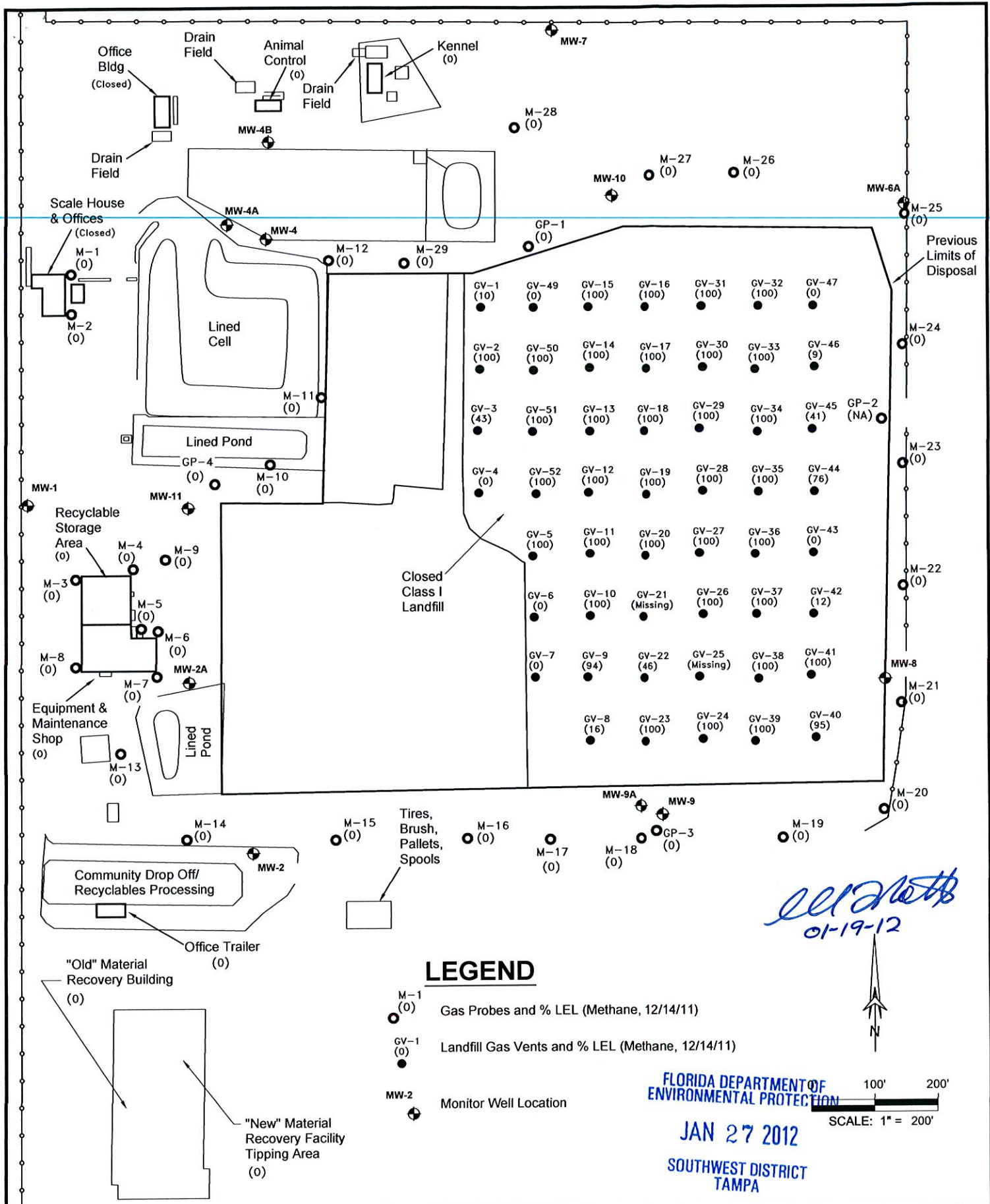
Very truly yours,

THE COLINAS GROUP, INC.

01-19-13


Richard L. Potts, Jr., P.G.
Principal Consultant
FL P.G. Reg. No.1113

cc: Ms. Becky Seagrest, Sumter County



The Colinas Group, Inc.
 509 N. Virginia Avenue
 Winter Park, Florida 32789

PROJ. NO.: P-453
 DATE: JANUARY 2012
 SCALE: 1" = 200'

**SUMTER COUNTY CLOSED CLASS I LANDFILL
 YEAR 2011 ANNUAL LANDFILL GAS
 MIGRATION MONITORING
 SUMTER COUNTY, FLORIDA**

FIGURE 1