



Volusia County
FLORIDA
Public Works Department
Solid Waste Division

RECEIVED
JUN 27 2012
DEP Central District

June 25, 2012

ENV-12-134

Mr. F. Thomas Lubozynski
Waste Administrator
Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard Suite 232
Orlando, FL 32803

Re: Quarterly Landfill Gas Monitoring Report – Second Quarter 2012
Volusia County's Tomoka Farms Road
Permit No. S064-0078767

Dear Mr. Lubozynski:

Enclosed please find a copy of the Second Quarter 2012 Landfill Gas Monitoring Report for Volusia County's Tomoka Farms Road Landfill.

If you have any comments or questions regarding this matter please contact me at (386)947-2952 or jstirk@co.volusia.fl.us.

Sincerely,



Jennifer R. Stirk
Environmental Specialist III

Enclosure: Landfill Gas Monitoring Report

CC: file

**Second Quarter 2012
June 5, 2012
Tomoka Farms Road Landfill**

| Building | CH4 Percent | O2 Percent | LEL Percent |
|----------------------------|------------------------|-----------------------|------------------------|
| Scale House | 00.0 | 19.3 | 0 |
| Maintenance Building | 00.0 | 17.4 | 0 |
| Administration Building | 00.0 | 20.2 | 0 |

Gas Monitoring Report Tomoka Roads Landfill

| Gas Probes | CH4 Percent | CO2 Percent | O2 Percent | Balance Percent | LEL Percent |
|-----------------------|------------------------|------------------------|-----------------------|----------------------------|------------------------|
| MW-1 | 00.0 | 01.2 | 09.0 | 89.8 | 0 |
| MW-2 | 00.0 | 04.7 | 11.8 | 83.3 | 0 |
| MW-3 | 00.0 | 01.0 | 14.5 | 84.3 | 0 |
| MW-4 | 00.0 | 02.6 | 16.0 | 81.7 | 0 |
| MW-5 | 00.0 | 03.9 | 16.7 | 79.7 | 0 |
| MW-7 | 00.0 | 02.6 | 19.3 | 78.0 | 0 |
| MW-8 | 00.0 | 01.3 | 18.9 | 79.7 | 0 |

**Field Calibration Documentation for the GEM2000
Volusia County Solid Waste Division**

| Date | Time | Location Where check is performed | Individual Performing Check | Results Actual Reading | Passed or Failed (Yes or No) | Readings associated with a failed check | Corrective actions taken to fix problem | Calibrated (Yes or No) | Initials |
|------------|---------|-----------------------------------|-----------------------------|------------------------|------------------------------|---|---|------------------------|----------|
| 7/5/2011 | 0845 | TOMOKA | E. N. L. | 50/34.8/4.0 | YES | NA | NA | YES | E. N. L. |
| 11/16/2011 | 8:50 | Tomoka | J. Stirk | 36.3/35.0/3.7 | NO | City 36.3 | send for factory cal | NO | J. Stirk |
| 11/29/2011 | 8:30 | Tomoka | P. Ballard | 50.6/31.7/3.9 | Yes | NA | NA | Yes | P. B. |
| 3/14/2012 | 2:00P | Tomoka | J. Stirk | 50.0/31.8/4.6 | Yes | NA | NA | Yes | J. R. S. |
| 3-16/2012 | 9:15 AM | Tomoka | K. Stokes | 49.9/35.0/4.1 | Yes | NA | NA | Yes | KS |
| 6-5-2012 | 9:40 AM | Tomoka | K. Stokes | 50.3/35.0/4.2 | yes | NA | NA | Yes | KS |
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