



1099 Miller Drive, Altamonte Springs, FL 32701

July 15, 2013

F. Thomas Lubozynski, P.E.
Waste & Air Resource Programs Administrator
Florida Department of Environmental Protection, Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Subject: Quarterly Monitoring Report, Perimeter Gas Monitoring Probes – July 2013
JED Solid Waste Management Facility
Osceola County, Florida
Operating Permit No. SO49-0199726-022

Dear Mr. Lubozynski:

Omni Waste of Osceola County, LLC (Omni) is submitting the attached quarterly results of perimeter gas probe monitoring performed by Mr. Keith Lunsford of Waste Services, Inc. on July 8, 2013 for our JED Solid Waste Management Facility (facility). As shown on the attached Perimeter Gas Probe Monitoring Log, the Lower Explosive Limit (LEL) for methane was exceeded in perimeter probes GP-21R and GP-7R during this monitoring period (regulatory levels listed in F.A.C. Rule 62-701.530(1)). In addition to the perimeter probes, monitoring was performed at the temporary probes installed in the outer limits of the landfill perimeter berm. Methane was detected above the LEL in temporary probes TGP-7, TGP-8 and TGP-12.

As an update to the ongoing gas migration investigation and remediation effort, Omni completed installation of the Soil Vapor Extraction Pilot Test System (SVE system) on approximately April 16, 2012. An Installation and Initial Operation Report was completed by HDR Engineering and submitted to the FDEP on October 17, 2012. During the past year Omni has installed five additional 2-inch diameter gas extraction wells near the Cell 5 sump area. The five wells were connected to the gas collection and control header system as part of the ongoing GCCS expansion and have been included in the GCCS monitoring program. The next follow-up Operation and Monitoring Report for the SVE system will be submitted on or about July 22nd and a meeting with the FDEP Central District office has been scheduled for July 23rd to discuss the ongoing remediation program. Operation and monitoring of the system is expected to continue over the next 6-12 months.

If you have any questions or require additional information, please contact me at (904) 673-0446 or mkaiser@wsii.us at your earliest convenience.

Sincerely,

A handwritten signature in cursive script that reads "Mike Kaiser".

Mike Kaiser
Waste Services, Inc.
Attachment

PERIMETER GAS PROBE MONITORING LOG

Facility Name: J.E.D. Solid Waste Management Facility Date: 7-8-13

Facility Address: 1501 Omni Way, St Cloud, Florida 34773

Technician: Keith Lunsford Company: Omni Waste of Osceola County LLC

Weather Conditions: Temperature: 89°F M. Cloudy/P. Cloudy/Clear/Overcast

Barometric Pressure: 29.36 inch Hg Wind: 15 mph Humidity: 90%

Landfill Gas Meter; Elkins Envision Serial No. 1007003

Gas Probe No.	Time	% LEL	% CH ₄	Comments
GP-7R	16:04	132	6.6	1' of water 25' East
GP-8R	16:07	0	0	1' of water 25' East
GP-9R	16:11	0	0	6" of water 30' East
GP-10R	15:57	0	0	8" of water 25' East
GP-11R	16:17	0	0	6" of water 25' East
GP-12R	16:19	0	0	4" of water 25' East
GP-13R	16:22	0	0	4" of water 25' East
GP-14R	16:25	0	0	1' of water 25' South
GP-15R	16:27	0	0	1' of water 25' South
GP-16R	16:29	0	0	1' of water 25' South
GP-17R	16:33	0	0	8" of water 25' West
GP-18R	16:35	0	0	1' of water 25' West
GP-19R	16:38	0	0	1' of water 25' West
GP-20R	16:40	0	0	Dry
GP-21R	16:44	228	11.4	1' of water 25' West
GP-22R	16:48	2	0.1	1' of water 25' West
Admin Office	12:17	0	0	Good
Scale House	12:19	0	0	Good

Notes: Percent of lower explosive limit (LEL) was calibrated to Methane (CH₄)

Continuous gas monitors that sound alarms at 0.95% by volume of methane in air have been installed at the admin office and scale house.

>>> = Above the detection limit of the gas meter used