

cc w/enclosures:

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Official Contract File, NA-LA

EPO-32RM-720-612216

The Lakeworth Group, LLC

146B East Gate Drive; PO Box 1232 / Los Alamos, NM 87544 / Telephone (505) 662-7275

WEEKLY, AIRPORT LANDFILL SWMU 73-001(a) and DEBRIS DISPOSAL AREA, SWMU 73-001(d) GAS MONITORING

Date: 12/29/14

Inspector Printed Name: Felicia Aguilar

Inspector Signature: Felicia M Aguilar

Barometric Pressure: 29.95 in Temperature: 29°F Wind Direction: SE

Wind Speed: 8 mph Weather Conditions: overcast

Date and amount of last precipitation (within last 48 hours): none

Weather Data Source: Los Alamos Airport - National Weather Service

Instrument: GX-2012 Calibration method and date: 9/18/14 - RKI 4 gas

Comments: none

Weekly Monitoring

Sample Location	Height (ft)	Time	Methane (CH ₄) % LEL	Oxygen (O ₂) %	Carbon Dioxide (CO ₂) %
PS-01	at spinner (4 ft above pavement)	1255	0	20.9	0
PS-02	at spinner (4 ft above pavement)	1257	100	11.8	0
PS-03	at spinner (4 ft above pavement)	1258	0	20.9	0
PS-04	at spinner (4 ft above pavement)	1259	0	20.9	0
PS-05	at spinner (4 ft above pavement)	1301	0.8	18.6	0
PS-06	at spinner (4 ft above pavement)	1303	0	20.9	0

Note:
 Methane concentrations shall be measured in percent of the LEL. Other gases measured in %.
 LEL = lower explosive limit
 PS = Perimeter Spinner (wind turbine)
 Form modified from <http://www.nmenv.state.nm.us/swb/documents/ExampleMethaneFORM10-10-08.doc>.

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WEEKLY, AIRPORT LANDFILL SWMU 73-001(a) and DEBRIS DISPOSAL AREA, SWMU 73-001(d) GAS MONITORING

Date: 1/8/15

Inspector Printed Name: Joseph T. Sena

Inspector Signature: Joseph T. Sena

Barometric Pressure: 30.28 Temperature: 24 Wind Direction: Calm

Wind Speed: Calm Weather Conditions: Fog/mist

Date and amount of last precipitation (within last 48 hours): None

Weather Data Source: Los Alamos Airport - National Weather Service

Instrument: GX-2012 Calibration method and date: 9-18-14 RK14-Gas

Comments: _____

Weekly Monitoring

Sample Location	Height (ft)	Time	Methane (CH ₄) % LEL	Oxygen (O ₂) %	Carbon Dioxide (CO ₂) %
Hangar Pads: Samples will be collected on the east side of the pad along the expansion joint.* After a hangar is built, samples will be collected along the interior walls at 4 inches to 4 ft above pad.					
PS-01	at spinner (4 ft above pavement)	12:24	0	20.9	0
PS-02	at spinner (4 ft above pavement)	12:26	32	15.6	0
PS-03	at spinner (4 ft above pavement)	12:28	0	20.9	0
PS-04	at spinner (4 ft above pavement)	12:30	0	20.9	0
PS-05	at spinner (4 ft above pavement)	12:33	100	12.2	0
PS-06	at spinner (4 ft above pavement)	12:34	0	20.9	0

Note:
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Date: 1-15-15

Inspector Printed Name: Joseph T. Sena

Inspector Signature: Joseph T. Sena

Barometric Pressure: 30.39 Temperature: 25 Wind Direction: NE

Wind Speed: 6 Weather Conditions: Fair

Date and amount of last precipitation (within last 48 hours): none

Weather Data Source: Los Alamos Airport - National Weather Service

Instrument: GX-2012 Calibration method and date: 1-14-15 ESP

Comments: Calibration is being re-checked

Weekly Monitoring

Sample Location	Height (ft)	Time	Methane (CH ₄) % LEL	Oxygen (O ₂) %	Carbon Dioxide (CO ₂) %
Hangar Pads: Samples will be collected on the east side of the pad along the expansion joint.* After a hangar is built, samples will be collected along the interior walls at 4 inches to 4 ft above pad.					
PS-01	at spinner (4 ft above pavement)	10:17	0	20.9	0
PS-02	at spinner (4 ft above pavement)	10:19	0	20.9	0
PS-03	at spinner (4 ft above pavement)	10:20	0	20.9	0
PS-04	at spinner (4 ft above pavement)	10:22	0	20.9	0
PS-05	at spinner (4 ft above pavement)	10:24	0	20.9	0
PS-06	at spinner (4 ft above pavement)	10:26	0	20.9	0

Note:

Methane concentrations shall be measured in percent of the LEL. Other gases measured in %.

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WEEKLY, AIRPORT LANDFILL SWMU 73-001(a) and DEBRIS DISPOSAL AREA, SWMU 73-001(d) GAS MONITORING

Date: 1/20/15

Inspector Printed Name: Felicia Aguilar

Inspector Signature: Felicia M. Aguilar

Barometric Pressure: 30.10 in. Temperature: 46°F Wind Direction: S

Wind Speed: 7 mph Weather Conditions: Fair

Date and amount of last precipitation (within last 48 hours): none

Weather Data Source: Los Alamos Airport - National Weather Service

Instrument: Gx-2012 Calibration method and date: 1/14/15 ESP

Comments: Calibration was re-checked @ ESP 1/16/15; it is working fine.

Weekly Monitoring

Sample Location	Height (ft)	Time	Methane (CH ₄) % LEL	Oxygen (O ₂) %	Carbon Dioxide (CO ₂) %
Hangar Pads: Samples will be collected on the east side of the pad along the expansion joint.* After a hangar is built, samples will be collected along the interior walls at 4 inches to 4 ft above pad.					
PS-01	at spinner (4 ft above pavement)	15:43	0	20.9	0
PS-02	at spinner (4 ft above pavement)	15:45	100	17.7	0
PS-03	at spinner (4 ft above pavement)	15:57	0	20.9	1
PS-04	at spinner (4 ft above pavement)	15:59	0	20.9	1
PS-05	at spinner (4 ft above pavement)	16:00	100	15.8	0
PS-06	at spinner (4 ft above pavement)	16:02	0	20.9	1

Note:

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WEEKLY, AIRPORT LANDFILL SWMU 73-001(a) and DEBRIS DISPOSAL AREA, SWMU 73-001(d) GAS MONITORING

Date: 1-28-15

Inspector Printed Name: Joseph T. Sena

Inspector Signature: Joseph T. Sena

Barometric Pressure: 30.30 Temperature: 44 F Wind Direction: NE

Wind Speed: 6 Weather Conditions: Fair

Date and amount of last precipitation (within last 48 hours): NONE

Weather Data Source: Los Alamos Airport - National Weather Service

Instrument: GX-2012 Calibration method and date: 1-14-15 ESP

Comments: _____

Weekly Monitoring

Sample Location	Height (ft)	Time	Methane (CH ₄) % LEL	Oxygen (O ₂) %	Carbon Dioxide (CO ₂) %
Hangar Pads: Samples will be collected on the east side of the pad along the expansion joint.* After a hangar is built, samples will be collected along the interior walls at 4 inches to 4 ft above pad.					
PS-01	at spinner (4 ft above pavement)	11:36	0	20.9	0
PS-02	at spinner (4 ft above pavement)	11:39	100	3.8	0
PS-03	at spinner (4 ft above pavement)	11:41	0	20.9	0
PS-04	at spinner (4 ft above pavement)	11:43	0	20.9	0
PS-05	at spinner (4 ft above pavement)	11:46	100	11.9	0
PS-06	at spinner (4 ft above pavement)	11:48	0	20.9	0

Note:

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