



LAIDLAW WASTE SYSTEMS INC.

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NOV 04 1994

SWMP



October 31, 1994

Mr. Joe Trunko
St. Louis Regional Office
Missouri Department of Natural Resources
10805 Sunset Office Drive, Suite 100
St. Louis, Mo. 63127-1017

Re: Bridgeton Landfill, Permit Number 118912, Gas Monitoring

Dear Mr. Trunko:

Enclosed are the results of our gas monitoring program for the third quarter monitoring period. The monitoring was conducted in accordance with our previously submitted monitoring plan and our letter of April 8, 1994. A summary of the results follows:

Perimeter monitoring: Bar punch monitoring was conducted at the property line at the locations indicated on the enclosed map. The additional locations written on the map were randomly selected for additional monitoring. All bar punch tests were conducted by driving a 3/8 inch rod 3 feet into the soil, removing the rod and inserting a hose connected to a GEM-500 gas extraction monitor. All bar punch monitoring showed zero methane migration.

Continuous Monitoring: We have installed GHD 2000 gas monitors in five separate onsite buildings. These monitors are set to alert occupants should gas levels reach 5-15% of the LEL, well below the 25% Missouri standard. There has never been an event indicated by our alarm system suggesting concentrations of methane approaching the 25% standard.

Also, I am updating you as to the status of our underground fire and any future fires. The existing fire, which at one time we believed to be extinguished, is now believed to have reignited. Due to settlement from the installation of Sed Pond #1 the fissure has opened up. We plan to regrout the fissure which should result in sealing off the air, thus extinguishing the fire.

Further, I would like to notify you of another possible fire, adjacent to Taussig Road, about half way between St. Charles Rock Road and the Methane Flare. We have seen some smoke and are currently developing a plan to investigate and remediate if necessary.

If you have any questions regarding our monitoring program and procedures, please call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Larry Giroux', with a long horizontal flourish extending to the right.

Larry Giroux
General Manager

CC: Mr. Frank Dolan, MDNR
Mr. Brad Bomanz, St. Louis County DOH

LG:jg



LIDLAW WASTE SYSTEMS INC.

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MAR 31 1995

March 29, 1995

Mr. Jim Bell
Chief, Enforcement Section
Solid Waste Management Section
P.O. Box 176
Jefferson City, Missouri 65102

SWMP

Re: Bridgeton Landfill, Permit Number 118912, Gas Monitoring

Dear Mr. Bell:

Enclosed are the results of our gas monitoring program for the 1st quarter monitoring period. A summary of the results follows:

Perimeter monitoring: Bar punch monitoring was conducted at the property boundary at the locations indicated on the enclosed map. The additional locations written on the map were randomly selected for additional monitoring. All bar punch tests were conducted by driving a 3/8 inch rod 3 feet into the soil, removing the rod and inserting a hose connected to a GEM-500 gas extraction monitor. All bar punch monitoring showed zero methane migration.

Continuous Monitoring: We have installed GHD 2000 gas monitors in five separate onsite buildings. These monitors are set to alert occupants should gas levels reach 5-15% of the LEL, well below the 25% Missouri standard. There has never been an event indicated by our alarm system suggesting concentrations of methane approaching the 25% standard.

I would like to take the opportunity to update you as to the status of our underground fire. The original fire, which we believe had reignited, shows no signs of activity. This fire appears to be related to the TRW gas collection wells. At the present time these wells are not active and the fire does not appear to show any activity. We will continue to monitor the fissure along the quarry wall for any signs of combustion. In a previous letter from Mr. Larry Giroux, LWS to Mr. Joe Trunko MDNR St. Louis Region, dated October 31, 1994, there was mentioned a possible new fire. At the present time there is no sign of this fire. We will continue to regrout and monitor these areas as necessary.

If you have any questions concerning our monitoring program and procedures, please do not hesitate to contact me at 739-1919.

Sincerely,

Brad Pollock

Brad Pollock
Operations Manager

cc: Mr. Terry Hoevelkamp, MDNR St. Louis Region
Mr. Brad Bomanz, St. Louis County DOH