

Bridgeton Landfill LLC

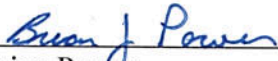
April 27, 2015

Mr. Chris Nagel
Director, Solid Waste Management Program
Missouri Department of Natural Resources
1738 East Elm Street
Jefferson City, MO 65102

Dr. Mr. Nagel:

Please find enclosed the Investigation of Odor Control Technologies summarizing the evaluation of alternative odor neutralizers and control technologies for first quarter of 2015, conducted pursuant to Paragraph 27.C. of the Second Amendment to the First Agreed Order.

Best regards,



Brian Power
Environmental Manager
Bridgeton Landfill, LLC

April 25, 2015

Mr. Chris Nagel
Director, Solid Waste Management Program
Missouri Department of Natural Resources
1738 East Elm Street
Jefferson City, MO 65102

Dr. Mr. Nagel:

Investigation of Odor Control Technologies – 1st Quarter 2015

This Update on Odor Control Technology Investigation is being submitted by Bridgeton Landfill, LLC (“Bridgeton Landfill”) pursuant to Paragraph 27(C) of the Second Amendment to the First Agreed Order.

Over the last year Bridgeton Landfill has made substantial improvements in odor control at the site. These efforts have resulted in the Bridgeton Landfill having no observable odor emissions between 97-98% within any given month. This is based on Bridgeton Landfill odor self-inspection data and MDNR emissions inspection logs, both with observed Bridgeton Landfill odor versus total observations used to determine the effective ratio of off-site observable odor. As Bridgeton Landfill staff performs at least two, frequently three or more self-inspections daily and MDNR performs two inspections daily the Bridgeton Landfill facility averages one inspection less than every five hours with inspections performed by a minimum of three different individuals on any given day.

In addition to these strong results the Bridgeton Landfill continues to place a strong emphasis on the continued investigation and development of industry leading odor control technologies. This past quarter an extensive amount of effort has been placed in examining alternative odor control for vacuum truck services. Current odor control consists of a customized 55 gallon drum with granular carbon media. Exhaust from the vacuum system is ducted through this 55 gallon tank, through the carbon, and out an exhaust port. As vacuum trucks focus entirely on liquids control the exhaust is exposed to a significant amount of condensation. Granular carbon media ceases to function when saturated. As a result the carbon vessels exhibit unpredictable lifespan.

Currently an alternative utilizing fluidized carbon as a liquid filtration media through percolation is being designed. Fluidized carbon has none of the sensitivities to condensation exhibited by the granular alternative. The expectation is that this alternative will provide a longer, more predictable lifespan allowing for substantial reduction of odor from vacuum truck operations.

Please feel free to contact me with any questions.

Sincerely,



Derek Bourchard

Environmental Specialist

Bridgeton Landfill, LLC