October 12, 2017

Mr. Ed Rawski, P.E.
Pennsylvania Department of Environmental Protection
Bureau of Waste Management
909 Elmerton Avenue
Harrisburg, PA 17110-8200

RE: Creswell Landfill; Landfill Gas Monitoring; BWM Permit #10008
3rd Quarter 2017 Perimeter %LEL LFG Report

Dear Mr. Rawski:

In accordance with the Municipal Waste Management Regulations (§273.292 – “Gas Control and Monitoring”), the Lancaster County Solid Waste Management Authority (LCSWMA) continues quarterly monitoring of methane gas levels at the perimeter of the above referenced facility.

LCSWMA personnel completed monitoring of sample points along the facility boundary and in adjacent buildings and structures on September 25, 2017. The results of that monitoring are attached. No sampled peripheral locations, structures or landfill gas monitoring probes (sampled 9/28/17) while three (3) locations, internal to the landfill, were found to contain methane.

Please do not hesitate in contacting me at mreider@lcswma.org, if you have any questions or concerns.

Respectfully Submitted,

Mark D. Reider
Director of Environmental Compliance

Attachment

cc: Bob Zorbaugh
Randy Weiss (PADEP-Lanc.)
cc/att: Dan Brown
Jeff Musser
Bob Eshbach
## CRESWELL METHANE MONITORING PROGRAM
### SAMPLE POINT INSPECTION FORM

<table>
<thead>
<tr>
<th>SAMPLE POINT NUMBER</th>
<th>DESCRIPTION</th>
<th>METHANE LEVEL (as % LEL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>DATE</td>
</tr>
<tr>
<td>1 to 15</td>
<td>GP WELLS</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>CONTROL BUILDING LAB</td>
<td>0</td>
</tr>
<tr>
<td>17</td>
<td>CONTROL BUILDING COMPRESSOR ROOM</td>
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<tr>
<td>18</td>
<td>CONTROL BUILDING LOCKER ROOM</td>
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<tr>
<td>19</td>
<td>NTHW PIT</td>
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<tr>
<td>20</td>
<td>OTHW PIT</td>
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<tr>
<td>21</td>
<td>LTS AERATION PIT AT WEATHER STATION #1</td>
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</tr>
<tr>
<td>22</td>
<td>LTS AERATION PIT AT WEATHER STATION #2</td>
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</tr>
<tr>
<td>23</td>
<td>LTS WIRE TRENCH VENTS 1</td>
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</tr>
<tr>
<td>24</td>
<td>LTS WIRE TRENCH VENTS 2</td>
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<tr>
<td>25</td>
<td>LTS WIRE TRENCH VENTS 3</td>
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</tr>
<tr>
<td>26</td>
<td>PUMP HOUSE</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>PUMP HOUSE WET WEL</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>MH #1</td>
<td>0</td>
</tr>
<tr>
<td>29</td>
<td>MH #2</td>
<td>0</td>
</tr>
<tr>
<td>30</td>
<td>INLET; STREAM R PIPE</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>OUTLET; STREAM R PIPE</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>UPPER END; RAVINE LEACHATE COLLECTION C.O.</td>
<td></td>
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<tr>
<td>33</td>
<td>SEE MAP</td>
<td>0</td>
</tr>
<tr>
<td>34</td>
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<tr>
<td>37</td>
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<tr>
<td></td>
<td>Atmospheric Pressure (in. Hg)</td>
<td>29.92&quot;</td>
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<tr>
<td></td>
<td>Air Temperature (Deg. C)</td>
<td>4.8 °C</td>
</tr>
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</table>

Revision Date: June 2011
Revisions: deleted points 62 to 66; added points 81 through 86
<table>
<thead>
<tr>
<th>SAMPLE POINT NUMBER</th>
<th>DESCRIPTION</th>
<th>METHANE LEVEL (as % LEL)</th>
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<tbody>
<tr>
<td>51</td>
<td>LTS DISCHARGE MH #1</td>
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<tr>
<td>52</td>
<td>LTS DISCHARGE MH #2</td>
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<td>53</td>
<td>DRAIN PIPE UNDER RAVINE PHASE II</td>
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<tr>
<td>54</td>
<td>OLD SCALE HOUSE PIT</td>
<td>no longer monitored</td>
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<tr>
<td>55</td>
<td>NEW SCALE HOUSE PIT</td>
<td>no longer exists</td>
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<tr>
<td>56</td>
<td>LAGOON LINER BALLOON ^1</td>
<td>NA</td>
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<tr>
<td>57</td>
<td>LEACHATE PIPE LOWER END OF RAVINE</td>
<td>capped; no longer monitored</td>
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<tr>
<td>58</td>
<td>CWOB092W</td>
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<tr>
<td>59</td>
<td>CWOB093A</td>
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<tr>
<td>60</td>
<td>CWOB093B (aka CWMP016W)</td>
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<td>61</td>
<td>CWOB080W (formerly CWMP006W)</td>
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<tr>
<td>62</td>
<td>CWGMP002; Gas monitoring probe</td>
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<td>63</td>
<td>CWGMP004A; Gas monitoring probe</td>
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<td>64</td>
<td>CWGMP004B; Gas monitoring probe</td>
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<td>CWGMP10A; Gas monitoring probe</td>
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<td>71</td>
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<tr>
<td>72</td>
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<td>CWGMP12A; Gas Monitoring Probe</td>
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<td>CWGMP020; Gas Monitoring Probe</td>
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</tr>
<tr>
<td>86</td>
<td>CWGMP023; Gas Monitoring Probe</td>
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</tr>
</tbody>
</table>

^1 Liner was repaired; "NA" indicates point was inspected and balloon has not reoccurred

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