Silage Operation Maintenance Plan

Dairy Name: __________________________________________________________

APCD Facility ID Number: __________________________

This operation maintenance plan is for Rule 4570 – Option 1, 2, or 3 for silage. (Circle number below for maintenance option.)

1. Build silage piles such that the average bulk density of silage piles is at least 44 lb./ft³ for corn silage and 40 lb./ft³ for other silage types, as measured in accordance with section 7.11.4 of Rule 4570.

2. When creating a silage pile, adjust filling parameters to assure a calculated average bulk density of at least 44 lb./ft³ for corn silage and at least 40 lb./ft³ for other silage types, using a spreadsheet approved by the District. (Attach spreadsheet.)

3. Incorporate the following practices when creating silage piles:
   • Harvest silage crop at ≥65% moisture for corn; and ≥60% moisture for alfalfa/grass and other silage crops; and
   • Manage silage material delivery such that no more than six (6) inches of material are uncompacted on top of the pile.
   • Incorporate the following parameters for Theoretical Length of Chop (TLC) and roller opening, as applicable, for the crop being harvested:

<table>
<thead>
<tr>
<th>Check One</th>
<th>Crop Harvested</th>
<th>TLC (inches)</th>
<th>Roller opening (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>_________</td>
<td>Corn with no processing</td>
<td>≤1/2</td>
<td>n/a</td>
</tr>
<tr>
<td>_________</td>
<td>Processed Corn &lt;35% dry matter</td>
<td>≤3/4</td>
<td>1-4 mm</td>
</tr>
<tr>
<td>_________</td>
<td>Alfalfa/grass</td>
<td>≤1.0</td>
<td>n/a</td>
</tr>
<tr>
<td>_________</td>
<td>Wheat/Cereal Grains/Other</td>
<td>≤1/2</td>
<td>n/a</td>
</tr>
</tbody>
</table>

Surface of silage piles, except for the area where feed is being removed from the pile, are covered with an appropriate cover (min. cumulative thickness of 5 ml. or oxygen barrier film covered with a UV resistant material) within 72 hours of the last delivery of material to the pile.

Chopper
Print ___________________________________________  Signature ___________________________________________
Date ___________________________________________

Dairy Owner/Operator
Print ___________________________________________  Signature ___________________________________________
Date ___________________________________________