**Aedes albopictus** Truck-Mounted Larvicide Treatment

8/14/2014

Arcadia, Duarte & El Monte

Treatment occurring between 12 am (midnight) - 5 am

### Treatment Area 1 (Lower Azusa St. / Cogswell Rd.)

Refer to map

<table>
<thead>
<tr>
<th>Intended treatment</th>
<th>Actual treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miles Traveled: 4.95 mi.</td>
<td>4.95 mi.</td>
</tr>
<tr>
<td>Speed: 6 mph</td>
<td>6 mph</td>
</tr>
<tr>
<td>Swath Width: Up to 300 ft.</td>
<td>Up to 300 ft.</td>
</tr>
<tr>
<td>Total Acres: 180 ac.</td>
<td>180 ac.</td>
</tr>
<tr>
<td>Application Rate: 0.5 lbs./ac.</td>
<td>0.5 lbs./ac.</td>
</tr>
<tr>
<td>Flow Rate: 1.91 G./min.(water) 1.25 G./min.(mix)</td>
<td>1.25 G./min.(mix)</td>
</tr>
<tr>
<td>Material Amount: 90 lbs.</td>
<td>90 lbs.</td>
</tr>
<tr>
<td>Mix Rate: 1.42 lbs./G.</td>
<td>1.42 lbs./G.</td>
</tr>
</tbody>
</table>

### Treatment Area 2 (Buena Vista St. / Duarte Rd.)

Refer to map

<table>
<thead>
<tr>
<th>Intended treatment</th>
<th>Actual treatment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miles Traveled: 1.47 mi.</td>
<td>1.47 mi.</td>
</tr>
<tr>
<td>Speed: 6 mph</td>
<td>6 mph</td>
</tr>
<tr>
<td>Swath Width: Up to 300 ft.</td>
<td>Up to 300 ft.</td>
</tr>
<tr>
<td>Total Acres: 53.6 ac.</td>
<td>53.6 ac.</td>
</tr>
<tr>
<td>Application Rate: 0.5 lbs./ac.</td>
<td>0.5 lbs./ac.</td>
</tr>
<tr>
<td>Flow Rate: 1.91 G./min.(water) 1.25 G./min.(mix)</td>
<td>1.25 G./min.(mix)</td>
</tr>
<tr>
<td>Material Amount: 26.8 lbs.</td>
<td>26.8 lbs.</td>
</tr>
<tr>
<td>Mix Rate: 1.42 lbs./G.</td>
<td>1.42 lbs./G.</td>
</tr>
</tbody>
</table>

- **Material Name:** VectoBac WDG (Biological Larvicide)
- **Active Ingredient(s):** 37.4% Bacillus Thuringiensis, Subsp. Israelensis
- **EPA Registration Number:** 73049-56
- **Equipment:** Truck-Mounted Curtis DYNA-FOG LV 8

**Comments:**

Routes are traveled one time to achieve desired rate.
Chemical was mixed with the Venturi system and did not clog the machine.

**Staff**

**Lead Vehicle**
Michael Rhambo / Ignacio  
(Navigator / Driver)

**Equipment (LV-8) Vehicle**
Antonio / Javier  
(LV-8 Operator / Driver)

**Assistance & Observation**
Kenn Fujioka  
Suzanne (GLACVCD)  
Martin (GLACVCD)  
Steven (GLACVCD)

**Contacts**
Arcadia Police Department Number:  
(626) 574-5123  
Kristen

El Monte Police Department Number:  
(626) 580-2110  
P.O. Vargas

LA County Fire Department Number:  
(626) 444-2581  
Operator 25

Temple City Sheriff’s Department Number:  
(626) 285-7171  
P.O. Velazquez

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**Legend**

TP - TEMPERATURE  
RH - RELATIVE HUMIDITY  
TR - TRUE WIND DIRECTION  
WS - WIND SPEED  
BP - BAROMETRIC PRESSURE  
WB - WET BULB