These recommendations assume that: (a) a decision to initiate a CI was made; (b) a thorough initial client interview was performed; (c) at least one sputum sample was observed or induced; (d) sputum samples are high quality.

Additional epidemiologic or clinical factors may affect the start of the infectious period and should be considered on a case-by-case basis (e.g., delayed diagnosis, treatment w/floroquinolones, etc.) Contact TB Control for consultation.

### Index Case Characteristics

<table>
<thead>
<tr>
<th>TB Sx</th>
<th>Sputum Smear +</th>
<th>Cavitary</th>
<th>Estimated Start of Infectious Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Yes</td>
<td>No</td>
<td>No</td>
<td>3 months before symptom onset or first positive finding (e.g., abnormal CXR consistent with TB disease), whichever is longer</td>
</tr>
<tr>
<td>2. Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>3 months before symptom onset or first positive finding consistent with TB disease, whichever is longer</td>
</tr>
<tr>
<td>3. No</td>
<td>No</td>
<td>No</td>
<td>4 weeks before date of suspected diagnosis</td>
</tr>
<tr>
<td>4. No</td>
<td>Yes</td>
<td>Yes</td>
<td>3 months before first positive finding consistent with TB</td>
</tr>
<tr>
<td>a. Yes</td>
<td>Yes</td>
<td>No</td>
<td>VDH recommends following #1 above</td>
</tr>
<tr>
<td>b. Yes</td>
<td>No</td>
<td>Yes</td>
<td>VDH recommends following #1 above</td>
</tr>
<tr>
<td>c. No</td>
<td>Yes</td>
<td>No</td>
<td>VDH recommends following #4 above</td>
</tr>
<tr>
<td>d. No</td>
<td>No</td>
<td>Yes</td>
<td>VDH recommends following #4 above</td>
</tr>
</tbody>
</table>

Adapted from the Contact Investigation Guidelines, MMWR, 2005: 54 (No. RR-15): Table 2, p. 7