Appendix H

# PROBABILITY OF DETECTION

## PROBABILITY OF DETECTION

| AIR STABILITY | WIND SPEED (MPH) | SOURCE STRENGTH (6 GENERATORS) | DOWNWIND DISTANCE (KM) | PROBABILITY OF DETECTION |
|---|---|---|---|---|
| UNSTABLE | 5 | 5 lbs/min | 1 | 55% |
| | | | 3 | 75% |
| | | | 5 | 95% |
| | 5 | 10 lbs/min | 1 | 35% |
| | | | 3 | 60% |
| | | | 5 | 80% |
| | 10 | 5 lbs/min | 1 | 85% |
| | | | 3 | 100% |
| | | | 5 | 100% |
| | 10 | 10 lbs/min | 1 | 55% |
| | | | 3 | 85% |
| | | | 5 | 100% |

# PROBABILITY OF DETECTION

| AIR STABILITY | WIND SPEED (MPH) | SOURCE STRENGTH (6 GENERATORS) | DOWNWIND DISTANCE (KM) | PROBABILITY OF DETECTION |
|---|---|---|---|---|
| NEUTRAL | 5 | 5 lbs/min | 1 | 25% |
| | | | 3 | 50% |
| | | | 5 | 80% |
| | 5 | 10 lbs/min | 1 | 15% |
| | | | 3 | 40% |
| | | | 5 | 55% |
| | 10 | 5 lbs/min | 1 | 40% |
| | | | 3 | 65% |
| | | | 5 | 80% |
| | 10 | 10 lbs/min | 1 | 10% |
| | | | 3 | 25% |
| | | | 5 | 40% |

# PROBABILITY OF DETECTION

| AIR STABILITY | WIND SPEED (MPH) | SOURCE STRENGTH (6 GENERATORS) | DOWNWIND DISTANCE (KM) | PROBABILITY OF DETECTION |
|---|---|---|---|---|
| STABLE | 5 | 5 lbs/min | 1 | 0% |
| | | | 3 | 5% |
| | | | 5 | 10% |
| | 5 | 10 lbs/min | 1 | 0% |
| | | | 3 | 0% |
| | | | 5 | 5% |
| | 10 | 5 lbs/min | 1 | 5% |
| | | | 3 | 15% |
| | | | 5 | 25% |
| | 10 | 10 lbs/min | 1 | 0% |
| | | | 3 | 5% |
| | | | 5 | 5% |