

# PM 10 MONITORING ANNUAL SUMMARY

OAKRIDGE - 2005

24 HOUR AVERAGE CONCENTRATION,  $\mu\text{g}/\text{m}^3$ , STP

| DAY | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1   | 15  |     |     | 10  | 6   |     |     |     | 16  | 4   |     |     |
| 2   |     |     | 27  |     |     |     |     | 11  |     |     |     |     |
| 3   |     |     |     |     |     | 7   | 10  |     |     |     | 9   | 20  |
| 4   | 20  |     |     | 7   | 5   |     |     |     | 10  | 7   |     |     |
| 5   |     |     | 28  |     |     |     |     | 20  |     |     |     |     |
| 6   |     |     |     |     |     | 2   |     |     |     |     | 9   | 14  |
| 7   | 26  |     |     | 8   | 3   |     |     |     | 21  | 10  |     |     |
| 8   |     |     | 17  |     |     |     |     | 14  |     |     |     |     |
| 9   |     | 34  |     |     |     | 6   | 2   |     |     |     | 23  | 14  |
| 10  | 14  |     |     | 7   | 3   |     |     |     | 3   | 7   |     |     |
| 11  |     |     | 36  |     |     |     |     | 13  |     |     |     |     |
| 12  |     | 36  |     |     |     | 5   |     |     |     |     | 9   | 19  |
| 13  | 38  |     |     | 3   | 9   |     |     |     | 11  | 12  |     |     |
| 14  |     |     | 35  |     |     |     |     | 13  |     |     |     |     |
| 15  |     | 32  |     |     |     | 11  | 16  |     |     |     | 19  | 77  |
| 16  |     |     |     | 10  | 4   |     |     |     | 16  | 8   |     |     |
| 17  |     |     |     |     |     |     |     | 16  |     |     |     |     |
| 18  |     | 73  |     |     |     | 3   |     |     |     |     | 31  | 15  |
| 19  | 21  |     |     | 7   | 5   |     |     |     | 9   | 9   |     |     |
| 20  |     |     | 4   |     |     |     |     | 19  |     |     |     |     |
| 21  |     | 23  |     |     |     | 9   | 17  |     |     |     | 27  | 55  |
| 22  | 49  |     |     | 9   | 8   |     |     |     | 13  | 22  |     |     |
| 23  |     |     | 6   |     |     |     |     | 22  |     |     |     |     |
| 24  |     | 46  |     |     |     | 12  | 9   |     |     |     | 32  | 18  |
| 25  | 69  |     |     | 7   | 15  |     |     |     | 16  | 11  |     |     |
| 26  |     |     | 6   |     |     |     |     | 18  |     |     |     |     |
| 27  |     | 34  |     |     |     | 2   | 19  |     |     |     | 11  | 11  |
| 28  | 17  |     |     | 8   | 9   |     |     |     | 17  | 12  |     |     |
| 29  |     |     | 5   |     |     |     |     | 7   |     |     |     |     |
| 30  |     |     |     |     |     | 9   | 14  |     |     |     | 10  | 14  |
| 31  | 54  |     |     |     | 6   |     |     |     |     | 12  |     |     |

| MONTH |       |       |       |        |        |        |       |        |        |        |        |        |
|-------|-------|-------|-------|--------|--------|--------|-------|--------|--------|--------|--------|--------|
| NCAP  | 10    | 7     | 9     | 10     | 11     | 10     | 7     | 10     | 10     | 11     | 10     | 10     |
| %CAP  | 90.9% | 77.8% | 90.0% | 100.0% | 100.0% | 100.0% | 70.0% | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |
| MEAN  | 32.3  | 39.7  | 18.2  | 7.6    | 6.6    | 6.6    | 12.4  | 15.3   | 13.2   | 10.4   | 18.0   | 25.7   |
| MAX   | 69    | 73    | 36    | 10     | 15     | 12     | 19    | 22     | 21     | 22     | 32     | 77     |

| QUARTER | Q1    | Q2     | Q3    | Q4     |
|---------|-------|--------|-------|--------|
| NCAP    | 26    | 31     | 27    | 31     |
| %CAP    | 86.7% | 100.0% | 90.0% | 100.0% |
| MEAN    | 29    | 6      | 13    | 17     |

| ANNUAL   |       |      |    |     |    |
|----------|-------|------|----|-----|----|
| NCAP     | 115   | HIGH | 77 | 5th | 54 |
| %NCAP    | 94.3% | 2nd  | 73 | 6th | 49 |
| YMEAN    | 16    | 3rd  | 69 | 7th | 46 |
| 2nd HIGH | 73    | 4th  | 55 | 8th | 38 |