

## Longer-term Air Quality Monitoring

Two types of **Diffusion tubes** are located around the borough sampling for Nitrogen Dioxide and Benzene.

This form of monitoring uses a passive method, this means they do not use a pump to pull air through the sampler, instead air 'diffuses' into the sampler over the sampling period. The tubes are then collected and sent to a laboratory for analysis. Diffusion tubes are a simple way of monitoring air pollution and allow a greater number of sites to be monitored. As they do not require a power source or large amount of space for use they can be employed a greater number of sites than the continuous monitoring stations.

The sites for the Nitrogen Dioxide (NO<sub>2</sub>) diffusion tubes are:

| Site code | Address                              | Easting   | Northing  |
|-----------|--------------------------------------|-----------|-----------|
| Site 1    | Rayners Lane Library, Imperial Drive | E00513047 | N00187649 |
| Site 3    | St. John Fisher School, Melrose Road | E00513011 | N00189028 |
| Site 4    | Roxeth School, Brickfields           | E00514879 | N00186902 |
| Site 5    | Harrow Arts Centre, Uxbridge Road    | E00513439 | N00191191 |

The sites for the benzene diffusion tubes are:

| Site code | Address   | Easting   | Northing  |
|-----------|---|-----------|-----------|
| HW01      | Roxeth Manor School, Eastcote Lane                  | E00513250 | N00186250 |
| HW02      | Grimsdyke School, Sylvia Avenue                     | E00512522 | N00191621 |
| HW03      | Aylward School, Pangbourne Drive                    | E00518018 | N00192250 |
| HW04      | Social Services Building, Pinner Road, North Harrow | E00513656 | N00188656 |
| HW05      | Psychology Services, Station Road/Milton Road       | E00515581 | N00189094 |