

## Summary of TAA Allotments (WD and PR) Pb and As soil concentrations, mg/kg. Soil 0-15cm depth tested March 26

|                                                                          | Lead Pb<br>mg/kg | Arsenic As<br>mg/kg |
|--------------------------------------------------------------------------|------------------|---------------------|
| UK Category 4 Screening Levels for Allotments                            | 80               | 49                  |
| UK Category 4 Screening Levels Residential soil with home-grown produce. | 200              | 37                  |
| USA EPA limit for residential soil where children play (Jan 2024)        | 200              |                     |
| <b>Wolsey Drive</b> average over 14 plots tested across the site. **     | 187              | 13.2                |
| <b>Park Road</b> average over 7 plots tested                             | 129              | 9.8                 |
| Median Pb and As concentration London Urban Soils.                       | 184              | 15.4                |

\*Category 4 Screening Levels in the UK are science-based technical screening values used to assess land contamination under Part 2A of the Environmental protection Act 1990

\*\*A single WD plot with higher than recommended limits of soil Pb concentration is no longer available for rent and was not included in the average soil Pb value for the WD site.

No other metals in the soil were found to have concentrations exceeding recommended limits. All soil tests were completed at UK accredited laboratories.

The National Allotment Society (NAS) is familiar with the link of urban allotments with historic metal contamination. The NAS share these recommendations for growers:

- Standard good hygiene practice of washing hands and crops after harvest. Peeling root vegetables as part of food preparation.
- Supervise children to prevent them from playing in or ingesting soil.
- Applying lots of compost/organic matter to the soil to limit metal mobility
- Using raised beds with additions of organic matter.
- Ensuring pH of soil is neutral to slightly acidic to limit metal mobility.