

AnnS Jones

From: Sharon Holman
Sent: 09 October 2019 14:23
To: planning_admin
Subject: FW: P/2019/0725 - 79 High Street

Civ – 'add info web'

From: Dan Wayland [<mailto:dan.wayland@smithgrant.co.uk>]
Sent: 07 October 2019 09:33
To: Angela Guy
Subject: FW: P/2019/0725 - 79 High Street

Hi Angela,

I've just been provided with a copy of a memo (3rd October) with regards to the verification report we provided for the above site. The memo requested that some explanation is provided as to why the maximum lead value (outlier) was removed from the dataset.

In carrying out this assessment SGP has taken into account the imported soil concentrations across the wider garden area. Pre-import test results were provided by the client to allow SGP to advise on the suitability for reuse in accordance with the Strategy. The test results which were not included within the verification report reported lead at 35 mg/kg. Concentrations of lead within the imported topsoil (excluding the minor exceedances) ranged between 81-110 mg/kg across the garden – below the assessment criteria of 200 mg/kg. It was considered that there was a sufficient number of datapoints to allow statistical analysis to be carried out particularly as exceedances were not widespread across the garden area. Statistical analysis confirmed that the maximum concentration of 300 mg/kg was a statistical outlier and given the absence of spatial exceedances it was considered appropriate to remove this from the dataset, particularly as this clean imported material is within the garden areas which have been capped with a layer of aggregate and geotextile to avoid cross-contamination from existing site-soils. It is also acknowledged that during sampling that the garden topsoil was consistent in appearance within all sampling locations and no differences or changes in materials which could be attributed to the lead exceedances were observed.

Taking the absence of any possible contamination sources (i.e. change in soil type etc. which could be attributed to the elevated concentrations), the low spatial concentrations reported, the number of datapoints and the limited garden area and the results of the statistical analysis it was considered appropriate to remove the outlier from the dataset and treat the garden as a single averaging area.

Kind Regards

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My current working hours are 08.00 – 18.00 Monday to Thursday

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