



**ANALYTICAL REPORT**

<b>Report Number</b>	<b>34204-18</b>	<b>R600</b>	<b>ANALYSIS SERVICES DIRECT</b>	<b>Client</b>	<b>STANDLAKE BUS PK</b>
<b>Date Received</b>	<b>14-NOV-2018</b>		<b>NRM LABORATORIES</b>		<b>CHESSINGTON BUS CENTRE</b>
<b>Date Reported</b>	<b>21-NOV-2018</b>		<b>COOPERS BRIDGE</b>		<b>COX LANE</b>
<b>Project</b>	<b>SOIL</b>		<b>BRAZIERS LANE</b>		<b>CHESSINGTON</b>
<b>Reference</b>	<b>STANDLAKE BUS PK</b>		<b>BRACKNELL</b>		<b>SURREY</b>
<b>Order Number</b>			<b>BERKS</b>		<b>KT9 1SD</b>

Laboratory Reference		ENV 48622	ENV 48623	ENV 48624	ENV 48625	ENV 48626				
Sample Reference		MIXED SKIPS	BIN	CON SLAB	MIDDLE	CON HEAP				
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL				
Fresh pH [1:10]		7.97	8.32	8.08	8.15	8.02				
Density	g/l	1035	1240	1123	1032	1085				
Conductivity (1:2.5 Water)	uS/cm	2932	1950	3428	3452	2610				
Water Soluble Boron	mg/l	24.8	2.9	20.5	10.5	14.1				
Copper	mg/kg	419	58.7	76.2	882	116				
Zinc	mg/kg	714	147	349	650	357				
Lead	mg/kg	205	43.8	368	326	270				
Arsenic	mg/kg	12.1	17.0	14.8	26.4	15.2				
Cadmium	mg/kg	0.27	<0.1	0.38	3.19	0.37				
Nickel	mg/kg	162	21.9	18.4	21.8	16.6				
Chromium	mg/kg	240	20.8	27.8	30.9	27.5				
Mercury	mg/kg	0.43	0.27	0.63	0.29	0.42				
Selenium	mg/kg	0.65	0.30	0.78	0.53	0.78				
Water Soluble Sulphate (1:2)	g/l	1.89	1.19	1.87	1.54	1.67				
Easily Liberated Sulphide	mg/kg	<10	<10	<10	<10	<10				
Elemental Sulphur	mg/kg	69.5	<5	61.8	43.4	56.3				
Total Phenols Index	mg/kg	<1	<1	<1	<1	<1				
Total Cyanide	mg/kg	<1	<1	<1	<1	<1				
EPH as DRO [C10-C21] and Oil [C21-C40]	mg/kg	514	195	521	240	396				
Diesel Range Organics [C10-C21]	mg/kg	70	19	47	33	48				
Oil Range Organics [C21-C40]	mg/kg	444	177	474	207	349				
Total PAH [EPA-16]	mg/kg	10.8	1.8	19.0	4.2	7.9				
Naphthalene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05				
Acenaphthylene	mg/kg	<0.05	<0.05	0.1	<0.05	<0.05				
Acenaphthene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05				



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<b>Date Reported</b>	<b>21-NOV-2018</b>		<b>COOPERS BRIDGE</b>		<b>COX LANE</b>
<b>Project</b>	<b>SOIL</b>		<b>BRAZIERS LANE</b>		<b>CHESSINGTON</b>
<b>Reference</b>	<b>STANDLAKE BUS PK</b>		<b>BRACKNELL</b>		<b>SURREY</b>
<b>Order Number</b>			<b>BERKS</b>		<b>KT9 1SD</b>

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Sample Reference		MIXED SKIPS	BIN	CON SLAB	MIDDLE	CON HEAP				
Determinand	Unit	SOIL	SOIL	SOIL	SOIL	SOIL				
Fluorene	mg/kg	<0.05	<0.05	<0.05	<0.05	<0.05				
Phenanthrene	mg/kg	1.2	<0.1	0.8	0.5	0.5				
Anthracene	mg/kg	0.3	<0.05	0.4	0.1	0.2				
Fluoranthene	mg/kg	1.9	0.3	2.8	0.9	1.0				
Pyrene	mg/kg	1.6	0.3	2.5	0.8	1.0				
Benzo[a]anthracene	mg/kg	0.9	0.2	1.8	0.3	0.6				
Chrysene	mg/kg	0.9	0.2	1.7	0.3	0.7				
Benzo[b]fluoranthene	mg/kg	1.2	0.3	2.4	0.4	1.0				
Benzo[k]fluoranthene	mg/kg	0.5	<0.1	0.7	0.1	0.3				
Benzo[a]pyrene	mg/kg	0.9	0.2	2.3	0.3	1.0				
Indeno[1,2,3-cd]pyrene	mg/kg	0.6	0.1	1.4	0.2	0.7				
Dibenz[a,h]anthracene	mg/kg	0.2	<0.1	0.4	<0.1	0.2				
Benzo[g,h,i]perylene	mg/kg	0.6	0.2	1.5	0.2	0.8				
Dry Matter	% w/w	94.4	93.3	85.8	85.3	83.3				

Analysis Notes                    The sample submitted was of adequate size to complete all analysis requested.  
    The results as reported relate only to the item(s) submitted for testing.  
    The results are presented on a dry matter basis.

Sample Storage                    A portion of the sample will be stored for 3 weeks from the reported date.

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ANALYTICAL NOTES

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Date Reported	21-NOV-2018		COOPERS BRIDGE		COX LANE
Project	SOIL		BRAZIERS LANE		CHESSINGTON
Reference	STANDLAKE BUS PK		BRACKNELL		SURREY
Order Number			BERKS		KT9 1SD

Notes

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