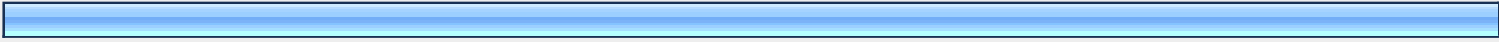







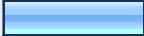



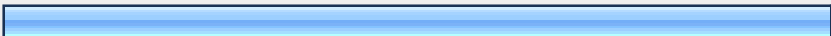


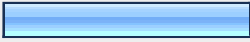
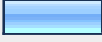

Contaminated Land Survey

1. Please estimate how many sites are officially designated as contaminated in your area.				
			Response Percent	Response Count
approximate number=			100.0%	142
			<i>answered question</i>	142
			<i>skipped question</i>	5

2. Of these sites, what proportion is contaminated with Polycyclic Aromatic Hydrocarbons (PAHs; e.g. Benzo(a)Pyrene)?								
	0	<25	26-50	51-75	76-100	there are some sites but I'm not sure of percentage	don't know	Response Count
% of sites contaminated with PAHs	70.9% (78)	5.5% (6)	10.0% (11)	0.0% (0)	3.6% (4)	1.8% (2)	8.2% (9)	110
							<i>answered question</i>	110
							<i>skipped question</i>	37

3. Which guidelines would you accept within risk assessments of sites contaminated with PAHs? (Please choose as many as relevant)

		Response Percent	Response Count
Site-specific assessment criteria using CLEA		93.6%	132
Land Quality Management Generic Assessment Criteria (LQM GAC)		87.2%	123
Site-specific assessment criteria using SNIFFER		71.6%	101
Other Local Authorities' site-specific derived figures		14.2%	20
Inter-Departmental Committee on the Redevelopment of Contaminated Land (ICRCL) values		4.3%	6
The Kelly Indices		1.4%	2
UK drinking water standards		55.3%	78
Agency for Toxic Substances and Disease Registry (ATSDR) standards		9.2%	13
New Dutch list values		10.6%	15
Site-specific assessment criteria using RBCA		58.2%	82
Environment Agency Environmental Quality Standards (EQS)		53.9%	76
ATKINS figures (ATRISK SOIL) or other consultant-derived screening values (please specify in the box below)		55.3%	78

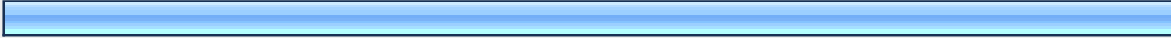


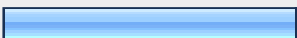
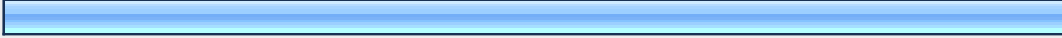



Other guidelines/site-specific assessment criteria using other models (please specify in the box below)		16.3%	23
United States Environmental Protection Agency (US EPA) guidelines		6.4%	9
Don't know		3.5%	5
If you have any comments on advantages and/or disadvantages of using specific criteria and other views on the guidelines please give these here:			47
			answered question
			141
			skipped question
			6

4. How often has bioremediation been used to clean-up PAH-contaminated land in your area?						
	never	rarely (<10% of sites under remediation)	sometimes (10-30% of sites under remediation)	often (>30% of sites under remediation)	don't know	Response Count
frequency	44.4% (63)	40.8% (58)	8.5% (12)	1.4% (2)	4.9% (7)	142
If you have any opinion on selecting/rejecting bioremediation in your area please give these here:						30
						answered question
						142
						skipped question
						5

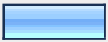
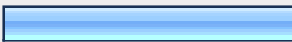


5. Please indicate to what extent you agree with each of the following statements relating to contaminated land. Rate on a scale of 1-5 (1 strongly agree, 2 agree, 3 neither agree nor disagree, 4 disagree, 5 strongly disagree)

	1 strongly agree	2	3	4	5 strongly disagree	don't know	Response Count
Bioavailability/bioaccessibility testing is a useful tool that facilitates contaminated land management	24.2% (30)	46.0% (57)	21.8% (27)	1.6% (2)	0.8% (1)	5.6% (7)	124
Total contaminant concentration is a better guide for decision-making than bioavailability/bioaccessibility data	4.0% (5)	15.3% (19)	43.5% (54)	21.8% (27)	7.3% (9)	8.1% (10)	124
Information on benzo(a)pyrene bioavailability/bioaccessibility is needed to support our decision-making	23.4% (29)	41.9% (52)	19.4% (24)	7.3% (9)	0.8% (1)	7.3% (9)	124
Information on PAHs bioavailability/bioaccessibility to microorganisms can determine suitability of bioremediation	15.4% (19)	38.2% (47)	22.0% (27)	0.8% (1)	0.8% (1)	22.8% (28)	123
Use of contaminant bioavailability/bioaccessibility data leads to more cost-effective site management	15.4% (19)	38.2% (47)	30.9% (38)	1.6% (2)	0.8% (1)	13.0% (16)	123
We would need more information on bioavailability/bioaccessibility before deciding if it could help us within risk assessments	26.4% (33)	50.4% (63)	13.6% (17)	8.8% (11)	0.0% (0)	0.8% (1)	125
Please use the box below if you would like to comment further on any of the above statements							24
answered question							126
skipped question							21

6. Which, if any, of the following factors hamper the application of bioavailability/bioaccessibility data in your area? (Please choose as many as relevant)

		Response Percent	Response Count
Lack of statutory guidance		78.2%	97
Insufficient financial resources available for us to carry out testing		41.1%	51
Failings in risk assessment reports submitted to us		34.7%	43
Lack of time to analyse bioavailability/bioaccessibility data		19.4%	24
Uncertainty associated with bioavailability/bioaccessibility data		71.0%	88
None, we use bioavailability/bioaccessibility data confidently		4.8%	6
Don't know		7.3%	9
Other reasons (please specify in the box below)		3.2%	4
Please use the box below if you would like to comment further on the application of bioavailability/bioaccessibility data			24
answered question			124
skipped question			23

7. Do you make any distinction between the terms bioavailability and bioaccessibility? (Please choose as many as relevant)

		Response Percent	Response Count
No, these terms mean the same		6.7%	8
Yes, but I use these terms interchangeably		19.2%	23
I am not sure, the way in which these terms are used can be confusing		31.7%	38
Yes (you may specify in the box below how you would differentiate them)		44.2%	53
Please use the box below if you would like to comment further on the terms bioavailability/bioaccessibility			35
answered question			120
skipped question			27

8. Please enter the name of your Local Authority

		Response Count
		123
answered question		123
skipped question		24



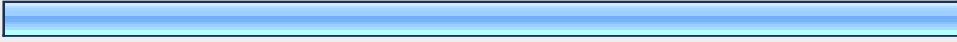

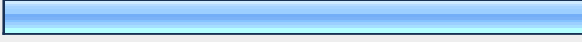
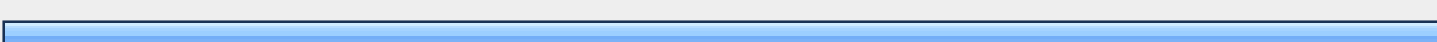

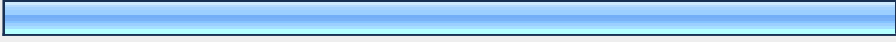
9. Number of persons in your contaminated land team



		Response Count
		124
	<i>answered question</i>	124
	<i>skipped question</i>	23


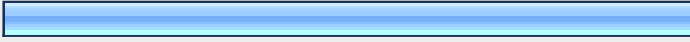
10. How long have you worked with contaminated land?

		Response Count
		123
	<i>answered question</i>	123
	<i>skipped question</i>	24



11. My work involves: (Please choose as many as relevant)

		Response Percent	Response Count
Desk study		88.7%	110
Site visit		86.3%	107
Site investigation		63.7%	79
Selecting remediation technique		37.1%	46
Post remediation monitoring		38.7%	48
Assessment of site investigation reports		96.0%	119
Team management		21.0%	26
Project management		59.7%	74
		Other (please specify)	20
		answered question	124
		skipped question	23

12. Would you like to receive information about the results of this survey?			Response Percent	Response Count
Yes			77.2%	95
No			22.8%	28
If you choose 'yes' please enter your email address in the box below				81
<i>answered question</i>				123
<i>skipped question</i>				24

13. Are you willing to be contacted at your convenience about further aspects of this research?			Response Percent	Response Count
Yes			54.1%	66
No			45.9%	56
If you choose 'yes' please enter your email and/or phone number in the box below				53
<i>answered question</i>				122
<i>skipped question</i>				25

14. Your contribution

		Response Percent	Response Count
Please acknowledge the name of my Local Authority		47.5%	56
No, thank you		52.5%	62
		<i>answered question</i>	118
		<i>skipped question</i>	29