

Appendix B: Sand and Gravel Resource Areas

Refer to Supporting A3 Documents for Appendices A – E

Appendix B: Sand & Gravel Resource Areas – Index & Overview Table

Site ID	Page Number	Site Name	District	Area (Ha) *	% of <i>Total Resource Area</i> within each EA Flood Zone					No. of Mineral sites within Resource Area	Total area of Mineral sites within Resource Area (Ha) *	% of <i>developable area</i> identified within each EA Flood Zone					Sites in Flood Zone 1**	Flooding from Groundwater	Flooding from Sewers	Flooding from Surface Water	Flooding from Artificial Sources (Reservoirs, Canals, Other)
					Fluvial Flood Zones (%)							Fluvial Flood Zones (%)									
					1	2	3a	3a + cc	3b			1	2	3a+C C	3a	3b					
RAS-1	B-2	Resource Area 1	WODC	9,597	92.8	0.8	0.2	0.0	6.2	0	-	-	-	-	-	-	No record	0	Multiple	No record	
RAS-2	B-3	Resource Area 2	WODC	31,750	92.7	0.4	0.1	1.4	5.4	0	-	-	-	-	-	-	No record	1-2 in southern half of resource area	Multiple	No record	
RAS-3	B-4	Resource Area 3	CDC	4,438	97.6	0.3	2.1	0.0	0.0	0	-	-	-	-	-	-	No record	0	1	No record	
RAS-4	B-5	Resource Area 4	VWHDC, WODC	8,950	56.7	6.9	0.2	0.0	36.2	6	2914	42.8	1	9.2	0.1	46.9	0	No record	5-8	Multiple	No record
RAS-5	B-6	Resource Area 5	WODC	5,199	48.4	7.6	4.2	0.0	39.8	15	1099	56.5	0.5	1.5	5.6	35.9	2	No record	5-8	Multiple	No record
RAS-6	B-7	Resource Area 6	WODC & CDC	5,474	72.2	3.0	0.6	0.7	23.5	8	694	16.8	2.0	14.2	0.1	66.9	0	No record	3-4	Multiple	No record
RAS-7	B-8	Resource Area 7	CDC & SODC	12,370	66.9	0.2	3.5	3.9	25.5	0	-	-	-	-	-	-	No record	1-2	Multiple	No record	
RAS-8	B-9	Resource Area 8	VWHDC	64	99.7	0.0	0.0	0.0	0.3	2	34	100	-	-	-	-	2	No record	0	Modelling identifies Faringdon to be at greater risk	No record
RAS-9	B-10	Resource Area 9	SODC & VWHDC	2,506	68.9	8.4	2.3	0.0	20.4	4	274	28.4	8.1	3.9	4.0	55.6	0	No record	9-10	Modelling identifies areas at risk across the resource area	No record
RAS-10	B-11	Resource Area 10	SODC	6,802	87.6	1.6	0.1	0.0	10.8	0	-	-	-	-	-	-	No record	5-8	Through modelling parts of Tame is shown to be at greater risk	No record	
RAS-11	B-12	Resource Area 11	VWHDC	5,019	72.8	8.6	0.6	1.8	16.2	1	215	32.7	26.2	7.4	9.1	24.6	0	No record	0	Modelling identifies parts of Grove, West Hanney and Steventon to be at greater risk	No record

* Rounded to nearest hectare (Ha)

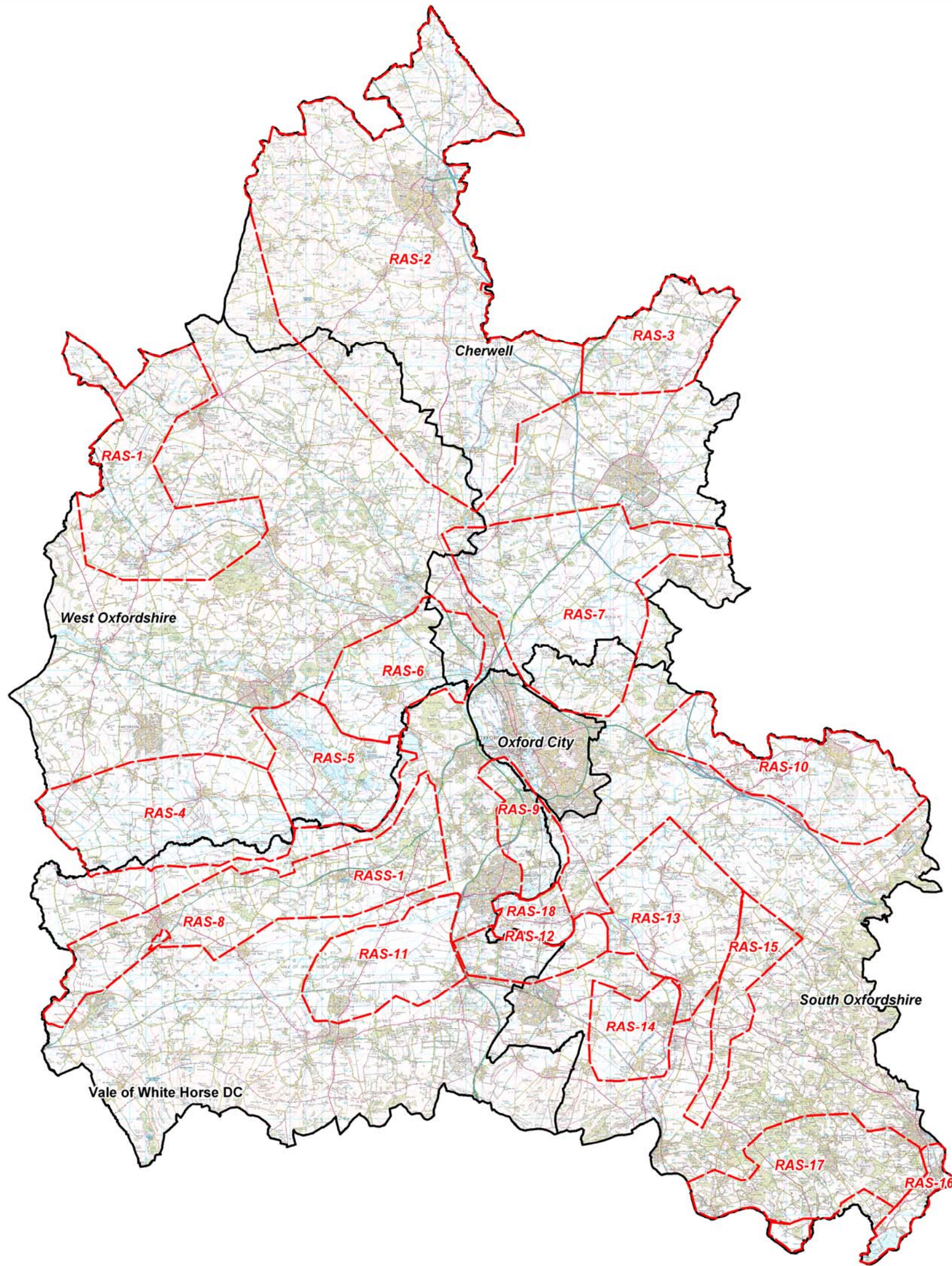
** Denotes sites wholly within Flood Zone 1

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					Fluvial Flood Zones (%)							Fluvial Flood Zones (%)									
					1	2	3a	3a + cc	3b			1	2	3a+C C	3a	3b					
RAS-12	B-13	Resource Area 12	SODC & VWHDC	2,446	67.3	12.7	2.9	0.7	16.4	8	912	33.0	19.5	1.9	3.0	42.6	1	No record	5-8	Modelling identifies parts of Sutton Courtenay, Milton and Long Wittenham to be at greater risk	No record
RAS-13	B-14	Resource Area 13	SODC	6,580	76.7	7.9	0.7	0.0	14.7	6	1,259	48.7	12.4	0.3	0.9	37.7	0	No record	0	Modelling identifies western region of the resource area to be at greater risk	No record
RAS-14	B-15	Resource Area 14	SODC	2,897	80.1	7.7	0.6	0.9	10.7	5	212	67.7	14	4.6	1.3	12.4	2	No record	1-2	Modelling identifies parts of Cholsey and Wallingford to be at greater risk	No record
RAS-15	B-16	Resource Area 15	SODC	2,958	97.8	0.2	0.0	0.0	2.0	1	10	100	0	0	0	0	1	Ewelme and Ipsden	0	No record	No record
RAS-16	B-17	Resource Area 16	SODC	791	47.5	1.7	0.8	5.8	44.2	2	115	0	2.5	2.9	4.3	90.3	0	No record	0	Modelling identifies parts of Lower Shiplake to be at greater risk. Modelling identifies parts of Tilehurst to be at greater risk	No record
RAS-17	B-18	Resource Area 17	SODC	6,314	97.6	0.5	0.4	0.4	1.1	0	-	-	-	-	-	-	-	No record	1-2	Modelling identifies parts of Harpsden and Chalkhouse to be at greater risk	No record
RAS-18	B-19	Resource Area 18	SODC	1,264	65.6	11.8	2.7	0.0	19.9	1	144	20.2	35.9	6.2	3.0	34.7	0	No record	0	Modelling identifies the east of the resource area to be at greater risk	No record
RASS-1	B-20	Soft Sand Resource Area 1	VWHDC	9,892	97.2	0.7	0.0	0.0	2.1	13	530	99.3	0.1	0	0.3	0.5	9	No record	9-11	Modelling identifies parts of Faringdon to be at greater risk	No record

* Rounded to nearest hectare (Ha)

** Denotes sites wholly within Flood Zone 1



Sand and Gravel, and Soft Sand Resource Areas

ID	Name	Area (Hectares)	District
RAS-1	Sand & Gravel Resource Area 1	9697	WODC
RAS-2	Sand & Gravel Resource Area 2	31750	WODC, CDC
RAS-3	Sand & Gravel Resource Area 3	4438	CDC
RAS-4	Sand & Gravel Resource Area 4	8950	VWHDC, WODC
RAS-5	Sand & Gravel Resource Area 5	5199	WODC
RAS-6	Sand & Gravel Resource Area 6	5474	WODC, CDC
RAS-7	Sand & Gravel Resource Area 7	12370	CDC, SODC
RAS-8	Sand & Gravel Resource Area 8	64.17	VWHDC
RAS-9	Sand & Gravel Resource Area 9	2506	SODC, VWHDC
RAS-10	Sand & Gravel Resource Area 10	6802	SODC
RAS-11	Sand & Gravel Resource Area 11	5019	VWHDC
RAS-12	Sand & Gravel Resource Area 12	2446	SODC, VWHDC
RAS-13	Sand & Gravel Resource Area 13	6580	SODC
RAS-14	Sand & Gravel Resource Area 14	2897	SODC
RAS-15	Sand & Gravel Resource Area 15	2958	SODC
RAS-16	Sand & Gravel Resource Area 16 East	1223	SODC
	Sand & Gravel Resource Area 16 West	358.3	SODC
RAS-17	Sand & Gravel Resource Area 17	6314	SODC
RAS-18	Sand & Gravel Resource Area 18	1264	SODC
RASS-1	Soft Sand Resource Area 1	9892	VWHDC

Location Overview

Legend

- County / District Boundary
- Resource Area

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Drawn SL	Approved EB	Date 11/09	Scale @ A3 1:400,000

Scott Wilson
6-8 Greencoat Place
London SW1P 1PL
Tel +44 (0)20 7798 5000
Fax +44 (0)20 7798 5001
www.scottwilson.com