Minerals Need Assessment 2019

Annex



Annex

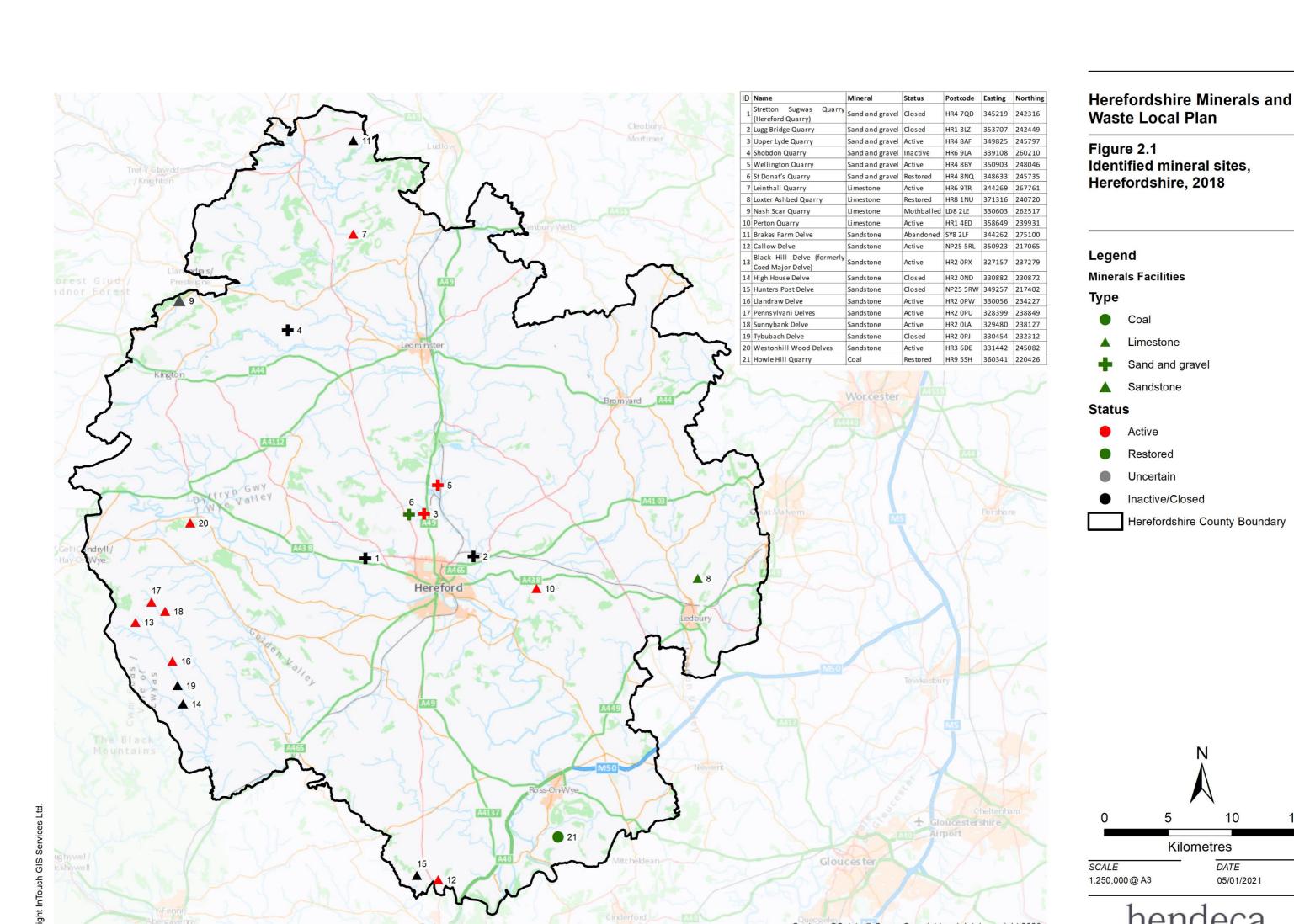
- Annex A Figure 2.1 Identified Mineral Sites, Herefordshire, 2018
- **Annex B** Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2014 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2014
- Annex C Consumption of crushed rock for aggregate use in 2014 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2014

The contents of this document are all designed to be printed at A3.

Annex A

Figure 2.1 Identified Mineral Sites, Herefordshire, 2018





Annex B

Consumption of total sand and gravel (land-won and marine-dredged) for aggregate use in 2014 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2014



		edfordshire (Central edfordshire, Bedford and uton)	Cambridgeshire and Peterborough	Essex, Southend and Thurrock	Hertfordshire	Norfolk	Suffolk	Unknown but somewhere in the East of England	Derbyshire and Peak District National Park	Lekestershire and Rutland	Lincolnshire	Northamptonshire	Nottinghamshire	Unknown but somewhere in the East Midlands	East London	west London	Unknown but somewhere in Greater London	Durham	Northumberland and the National Park	Tees Valley	Tyne and Wear	Unknown but somewhere in the North East	Cheshire (Cheshire West and Chester, and Cheshire East)	Cumbria and Lake District National Park	Greater Manchester, Merseyside, Halton & Warrington	Lancashire, Blackpool and Blackburn with Darwen	Unknown but somewhere in the North West	Republic of Ireland	Scotland
Source AWP	Source MPA	EEN1	EEN2	EEN3	EEN4	EEN5	EEN6	EEN7	EMD1	EMD2	EMD3	EMD4	EMD5	EMD6	LON1	LON2	LON3	NEA1	NEA2	NEA3	NEA4	NEAS	NWE1	NWE2	NWE3	NWE4	NWE5	RPI1	SCT1
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	Wiltshire Council Buckinghamshire County Council	_	<1%	<1%	<1%							<1%		-	<1%	1-10%	1-10%					-				<1%	1-10%		_
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1]</sup> This table categorises for each destination sub-region the percentage of its total consumption received from source MPAs.

2] It is designed to be read down each column (e.g. between 50-60% of total sand and gravel (land-won and marine-dredged combined) consumed in the EEN1 sub-region was supplied from Central Bedfordshire).

3] The table is formatted to print at A3 page size.

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	Vale of Glamorgan																											
	Conwy (Aberconwy & Colwyn) Flintshire	_	<1%				1-10%								50-60%										1-10% 30-40%		<1% 10-20%	
North Wales	Gwynedd		72/0																						<1%		<1%	2 10/0
	Isle of Anglesey Total consmption (thousand tonnes)	584	1 400	1 525	591	300	395	38	2 227	E 766	910	1 042	1 264	14	127	679	2 029	1 182	1 500	898	715	1 221	159		2 059	1 520	3 465	2 226
		This table ca								5 766		1 042	1 204	14	127	6/9	2 029	1 162	1 500	928	/15	1 2 2 1	159	1	2 059	1 520	3 405	3 326

This table categorises for each destination sub-region the percentage of its total consumption received from source MPAs.

It is designed to be read down each column (e.g between 80-90% of all of the crushed rock consumed in the EEN1 sub-region was supplied from Leicestershire).

The table is formatted to print at a page size of A3.

Annex C

Consumption of crushed rock for aggregate use in 2014 identifying for each sub-region the principal supplying Mineral Planning Authorities, BGS, 2014



Month Mont															Destir	nation sub-	region												
Section 1976 Sect			Son Non	R ep	Sco	B er	Mi≓	Eas Brig	e H	× 9	O xf	Sun	₩ e	Son	Ş ⊕	S C or	N T P	Do	GIO	Nat	×	Son	L L	No	N O	uos Mu	Sou	Ren	Wa Lu
Marie Control Contro			5. ⇒		dand	kshire	kinghamshire and ton Keynes	0.0	npshire and the Isle Might	t and Medway	ord shi re	rey	st Sussex	5 ≒	England	nwall and Isles of ly	ymo d Da	set	ucestershire		tshire and Swindon	but ere in	known destination	\$ŧ	§ 1	5 ₽	rth East Wales	202	where
March	Source AWP		NWE5	RPI1	SCT1						SEA6				SWE1	SWE2		SWE4	SWE5			SWE8		WLS1	WLS2	WLS3		WLS5	
Such Mark Mark Mark Mark Mark Mark Mark Mark							<1%			40-50%		10-20%			<1%	90-100%		<1%				<1%					<1%	\longrightarrow	<1%
Septiment Septim						17/0		1-10/6	170				1-10/6		170	30-100%						12/0							
Segregative from from from 1						<1%						<1%				1-10%	40-50%					<1%							=
Many Many Many Many Many Many Many Many						c194	c190			-19/	1-109/	c194			~19¢		-194						-194	1-10%			1-10%	-194	-194
Common	South West									41/0														1-10/6			1-10/6	V1/6	176
Sent late of the continue from																													=
Tree for the control of the control			_													<1%												\longrightarrow	
Such Last Such L						1-10%	<176		<176	<176	<176	1-10%	<176		1-10%		<176	<176		<176		30-40%					<176	\rightarrow	-
March Marc		Isle of Wight Council							1-10%																			=	
Table Tabl	South East		-		_	-10/	40 509/	30-40%	-10/	30-40%		-10/		1 100/					-10/		-10/		-10/					\longrightarrow	-
Early displayed Control Country Countr			_			<176	40-50%		<176		40-50%	<176		1-10%					<176		<1%							\rightarrow	-
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Exementation Confidence			10-20%			 	<1%					1-10%							<1%				70-80%	<1%				\rightarrow	-
Each Malland Corn Count Co			10-20%		1-10%	1-10%			10-20%	1-10%	10-20%			<1%	<1%	<1%	<1%	<1%		<1%	10-20%		70-80%	41,0	<1%	1-10%	<1%	1-10%	<1%
Transferred Conference of Line (1998)	East Midlands	Lincolnshire County Council																											$\overline{}$
Method CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC CCCC West Midwide Fig. March CCC CCC West Midwide Fig. March CCC			1 100/	00.1009/	-19/	 		-19/							-10/									-19/				\longrightarrow	-
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North West September Control Control	West Midlands				<1%	1-10%	1-10%	<1%	<1%		<1%	<1%	<1%						<1%	<1%				<1%	<1%	1-10%		<1%	<1%
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North East Durham County (council			_		40.50%	c194			-194	-19/					c194		c194							c194			-194	\rightarrow	-
North East					40-30/6	17/0			17/0	41/0					17/0		41/6							41/0			41/0	$\overline{}$	
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Northumberland National Park	North East				10-20%																							\longrightarrow	$\overline{}$
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Bridgend																													
Bridgend																											20-30%	1-109/	
Cardiff County Council																													1-10/6
South Wales Carmarthenshire Carmarthenshir		Caerphilly																		<1%							<1%		
South Wales Ceredigion									<1%			<1%															10-20%		
Neath Port Tallot	South Wales	Carrial Cicronic																											
Pembrokeshire Coast National Park		Neath Port Talbot				<1%				<1%		<1%			1-10%		<1%		1-10%						<1%		1-10%	1-10%	1-10%
Powys 1-10% 1-10																													
Rhondda, Cynon, Taf (Taff)					1-10%	1-10%		1-10%	1-10%	1-10%	<1%	<1%	<1%		1-10%		<1%	1-10%	<1%	1-10%	1-10%			1-10%	1-10%		1-10%		
Conwy (Aberconwy & Colwyn) 1-10%		Rhondda, Cynon, Taf (Taff)																									20-30%	<1%	
North Wales Flintshire 10-20%								5 5001	1.1001	-461														10.30%	40 5001	70.000	1-10%	1-10%	1-10%
North Wales Gwynedd 1-10% 30-40% <1%	No. of the Co.		10-20%					1-10%	1-10%	<1%														70-80%	40-50% <1%	70-80%		<1%	$\overline{}$
	North Wales																								30-40%				
		Isle of Anglesey Total consmption (thousand tonnes)			16	1 161	486	280	912	1 740	1 447	204	761	30	1 308	004	3 058	422	2 6 4 0	A 901	1 140	900	1 595				2 453	1 530	1 910

South West Source MPA								Destination	sub-region	1				
South Water South West South Water S			Herefordshire	Shropshire and Telford and Wrekin	Staffordshire	Warwickshire			Unknown but somewhere in the Midlands	Humb North North	Yorks, Yo and North National	South Yorkshire	West Yorkshire	Unknown but somewhere in Yorks & the Humber
South West Command Country	Source AWP		WMD1	WMD2	WMD3	WMD4	WMD5	WMD6	WMD7		YHU2	YHU3	YHU4	YHU5
South West			_					×194		30-40%	r194			
South West								1270			12/0			
South West														
North West North Somerast Council														
Philipsoch City Council 10.20% 1.10% 1	South West		1-10%	<1%	<1%	1-10%	10-20%	<1%						
Somered County Council 10.20% 1.10% 1.														
South Case County Council 1.0%		Somerset County Council	10-20%		1-10%	<1%			10-20%				<1%	
South East Series		South Gloucestershire Council	1-10%				1-10%							
South East Final														
South Case											 			
East of England Cambridgehare Country Council 43% Cambridgehare Country Council 43% Dertyshire Country Council List Midlands East Midl	South East					1-10%					 			
East England Cambridgeabler County Council 418						1 15/6								
Peterborough		Cambridgeshire County Council	<1%											
East Midlands	East of England													
East Midlands East Midlands Exercise Fair County Council 1-10% 1					20.200	-465						10.200	5 400	
East Midlands			1.109/				1-109/		50.60%					<1%
North Mislands Northamptonshire County Council Pask District National Park 41% 20-30% 41%		Lincolnshire County Council	1-10%	1-10%		60-70%	1-10%	00-70%		<176	<176	20-30%	<176	<17
Rutland CC DC	East Midlands													
Herefordshire Council 20-30% 1-10% 4-1% 10-20% 1-10% 30-40% 4-1				<1%	20-30%	<1%	<1%	1-10%		<1%	<1%	<1%	<1%	
Stropshire County Council 1-10% 60-70% 20-30% 1-10% 40-50% 20-30% 30-40% 41%			20 200/	1.100/	-22/	-100	10.200/							
Staffordshire County Council 1-10%									30.40%	~19V	-19/	1-109/	-19/	
Warwickshire County Council c1% 1-10% 20-30% c1% 1-10% c1%	West Midlands		1-10%	00-7074		1-10/6	40-3076	20-3076	30-40/6	V170	17.0	1-10%	4170	
Cheshire East Council				<1%		20-30%	<1%	1-10%				<1%		
North West Cumbria County Council C1% C1														
Roof th West County Council														
St. Nelens Metropolitan Borough Council	North West				<1%			<1%		<1%		<1%		
Warrington Borough Council											<176		<176	
Calderdate Metropolitan Borough Council -1.10% -1.1														
Doncaster Metropolitan Borough Council C1% C1% C1% C1% C10% C1-10% C														
East Riding of Yorkshire Council						401								
Vorkshire & the Humber Kirklees Metropolitan Borough Council					<1%	<1%		<1%			1-10%	50-60%	20-30%	10-20%
Leeds City Council										1-10%			1-10%	
North Uncolnshire Council 10-20% 60-70% 1-10% 10-20% 80	Yorkshire & the Humber									<1%	<1%			1-10%
Wakefield Metropolitan Borough Council		North Lincolnshire Council												
Vorkshire Dales National Park										10-20%	60-70%	1-10%		80-90%
City of Sunderland Council Currian County Council Currian C			_	-19/	-19/			1 100/		20.40%	10 200/	-19/		
Durham County Council				<176	<176			1-10%		30-40%	10-20%	<176	30-40%	
North East										<1%	10-20%	<1%	1-10%	
Northumberland County Council Carbon National Park Carbon Nati	North Fast	Hartlepool Borough Council									<1%			
South Tyneside Metropolitan Borough Council	HOI LIT EAST				-571							-1-1	-777	
Blaenau Gwent Brecon Beacons National Park <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1% <1%				<1%	<1%	<1%	<1%			<1%	<1%	<1%	<1%	
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Gwynedd	North Males													
Isle of Anglesev	North Wales													
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