## Appendix A Table 8 Sustainability Appraisal Matrices Alternative Strategic Allocations

The following Alternatives have been subject to a Sustainability Appraisal

- 1. Chalgrove Airfield 3,500 dwellings within the plan period.
- 2. Harrington Junction 7 M40 3,500 dwellings within the plan period.
- 3. Grenoble Road 3,500 dwellings within the plan period.
- 4. Wick Farm 1400 dwellings within the plan period.
- 5. Thornhill 1,000 dwellings within the plan period.
- 6. Lower Elsfield 3,500 4,000 in the plan period.

Major positive		Minor p	sitive	Major r	negative	Mir	nor negative	Neutral effect		Uncertain effe	ct
SA Objectives		Option 1		ption 2	Optio		Option 4	Optio	n 5	Option 6	
	Cha	algrove Airfield	Junc	tion 7 M40	Grenoble	Road	Wick Farm	Thorn	nhill	Lower Elsf	ield
1. To help to	<b>√</b> √	/ X X	<b>√</b> √	ХX	<b>√</b> √	хх	√√ X	X	хх	<b>√</b> √	ХX
provide existing		ove site comprise		nfield site	The site would	form an	The site would form a			The site comprise	es of
and future		er airfield which is	•	500 Ha, at a	urban extensio		urban extension to	40.5ha 1,000 d		675ha 3,500 – 4,0	
residents with		y previously	•	dph 15,000,	It comprises 30	•	Oxford. It comprises			dwellings are beir	•
the opportunity		oed site adjacent		ccommodated	density 30dph		128ha. 1,400 dwelling	_	•	considered within	
to live in a		30 comprising 13			dwellings migh		might be accommoda			Plan period on the	· ·
decent home	Ha.		dwellings		accommodated		on the site within this			which will result in	
and in a decent				d within this	site, 3,500 dwe	-	period, which will resu			significant posit	
environment		minal density of	•	d; which will	being consider		significant positive	providing hous	sing.	effects in terms of	
supported by appropriate		3,900 dwellings	result in si		this Plan period		effects in terms of	<b>T</b> I		providing housing	J.
levels of		e accommodate	-	ffects in terms	result in signif		providing housing.	The site would		The site is systemate.	l
infrastructure		site, 3,500	of providin	g housing.	positive effect		The site is 0 mailes dim	urban extensio		The site is extrem	
iiiiasiiaciaic		gs are being ered within this	The cite is	approx 12	of providing ho	using.	The site is 3 miles dir			large, it encompa	
	Plan pe		miles from	approx. 13	The site is 4 m	ilos diroct	along the A420 to Ox city centre by bus or 0			village of Elsfield, boundary is as fa	
	Flall pe	enou.	Times nom	Oxiola.	along the A414		miles along the easte	, ,		as Woodeaton ar	
	The site	e is in single	The site is	made up of	city centre by b		bypass, in a private	Eastern Bypas		to the A40.	ia soutii
		ship, Single		wnerships.	City Certife by L	ius.	vehicle.	which forms pa		10 tile A40.	
		ship can provide a		•	The area falls v	within four	vernole.	Oxford ring roa		Elsfeld itself is ap	oprox 5
		certainty of		their combined	different landov		The land ownership	about 1 mile (1		miles from Oxford	•
	_	y, which will resu			it is considered	•	suggests developmen		•	access along the	
		ificant positive		ent. Framptons	11.10 001.10.100100	a vanasioi	likely to be deliverable			bypass by car, ho	
	_	in terms of	•	nning Ltd is	Existing Sewag	ae	(1,400 dwellings are I			the accessibility to	
		ng housing.	currently p	•	treatment work	•	considered within this			areas of the site	
	l'			itely 500ha of	the site bounda		Plan period)	The site is ava	ilable from	depending which	section
	Signific	cant negative		-east and east	are not compat	•	, ,	the land owner		of the site was de	
		have been	of Junction	n 7 of the M40.	good living env	rironment	Proximity to Oxford w	vith		would need some	
	identifie	ed due to the			(smell), and mi	tigation	existing infrastructure	e and		extensive infrastr	ucture

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
·	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	relative isolation of the	This development would	would be required in the	services resulting in	Proximity to Oxford with	and accessibility
	site, the larger village of	create a 'new town' and	form of a buffer zone	positive effects,	existing infrastructure and	improvement.
	Chalgrove is located north	would therefore provide	around the sewage	however, development of	services resulting in	The site is available from
	of the B480, approx. 0.7	further housing in the	treatment works, to	the site would need to	positive effects,	the land owner
	miles from the site,	long-term as infrastructure	prevent significant	ensure it could be well	however, development of	
	however there is a lack of	was developed as part of	negative effects from	connected to these	the site would need to	Proximity to Oxford with
	existing infrastructure and	a long term plan. Current	occurring.	existing services to	ensure it could be well	existing infrastructure and
	services due to isolated	infrastructure is limited,		prevent significant	connected to these	services resulting in
	location, and the	which reduces the positive	Proximity to Oxford with	negative effects from	existing services to	positive effects,
	development would need	effects and may lead to	existing infrastructure and	occurring.	prevent significant	however, development of
	to include provision of	significant negative	services, resulting in		negative effects from	the site would need to
	infrastructure and services	effects due to the	positive effects, however		occurring.	ensure it could be well
	to serve residents.	potential scale of	development of the site			connected to these
		development.	would need to ensure it			existing services to
			could be well connected to			prevent significant
		This development would	these existing services,			negative effects from
		need to be developed for	without improvement			occurring.
		a long term plan - other	significant negative			
		options are more likely to	effects may occur in the			
		be a "one-time" extension.	long term.			
		Proximity to motorway				
		could compromise a good				
		living environment,				
		resulting in negative				
		effects to new residents				
		and would require				
		mitigation.				
	Mitigation:					
	_	ified above could be impro			ıld also be enhanced.	
	•	d visual impact assessment	•	. ,		
				d with the surrounding towns	and villages were appropria	te.
		ovided within all strategic dev				to a second to the
			r any new settlement/urban e	extension it will be essential t	o work with service providers	to ensure this is
	implemented in a timely fas			a naada aya inaayaayatad int	to the Legal Dien developmen	.1
					to the Local Plan developmer	ιι.
	•	be developed to encompass	<u> </u>			
		d in the form of a buffer zone t to motorways require mitiga	•	it works at Grenoble Ru.		
	Cumulative effects	t to motorways require miliga	tion, builer zones etc.			
		arough-out, then the positive	effects will be onbanced bow	ever if development is not a	upported by appropriate infra	etructure in the long term
		ting housing allocations this o			apported by appropriate illita	Structure, in the long term
	The 'new settlements /.urba		bodia lead to significant nega	1176 G116618.		
	Enhancement:	in exterision will be isolated.				
		ing new homes could be only	vanced by ensuring that now	homes are built to high stops	dards of sustainable design a	nd supported by
	appropriate levels of infrasti	_	lanced by ensuming that new	nomes are built to might stant	darus or sustamable design a	na sapponea by
	Likelihood:	iuotui 6.				
	High Scale:					
	Juait.					

SA Objectives	Ontion 1	Ontion 2	Ontion 2	Ontion 4	Ontion E	Ontion 6
SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Large scale Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.				-	
2. To help to	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
create safe	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm & Barton	Thornhill	Lower Elsfield
places for people to use	A service attlement / vide and a		✓ pportunity to design a safe en			
social behaviour and reduce crime and the fear of crime.	Work with Thames Valley p Likelihood: High Scale: Localised Temp or perm:	olice.				
	Perm Timing: Short to long term Significance of effect: Not significant.					
	Perm Timing: Short to long term Significance of effect: Not significant.	XX ✓	<b>√</b> ×	<b>√</b>	<b>√</b>	-
3. To improve	Perm Timing: Short to long term Significance of effect:	xx ✓ A 'new town' could be	✓ x An urban extension could	✓ An urban extension could	✓ An urban extension could	✓ An urban extension could
accessibility for	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be	A 'new town' could be developed over time in	An urban extension could be developed over time in	be developed over time in	An urban extension could be developed over time in	be developed over time in
accessibility for everyone to	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in	A 'new town' could be developed over time in line with infrastructure	An urban extension could be developed over time in line with infrastructure	be developed over time in line with infrastructure	An urban extension could be developed over time in line with infrastructure	be developed over time in line with infrastructure
accessibility for everyone to health,	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in line with infrastructure	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be	be developed over time in line with infrastructure delivery. An IDP would be	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be	be developed over time in line with infrastructure delivery. An IDP would be
accessibility for everyone to health, education,	Perm Timing: Short to long term Significance of effect: Not significant.   XX  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that
accessibility for everyone to health, education, recreation,	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided
accessibility for everyone to health, education,	Perm Timing: Short to long term Significance of effect: Not significant.   XX  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to
accessibility for everyone to health, education, recreation, cultural, and community	Perm Timing: Short to long term Significance of effect: Not significant.   XX  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  Although Chalgrove is	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.   XX  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  Although Chalgrove is classified as a larger	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is within the Oxford City	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  Although Chalgrove is classified as a larger village existing services	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets surrounding the site. A	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of Headington (directly	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however the proximity of Thornhill	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of Headington (directly
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.   XX  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  Although Chalgrove is classified as a larger	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is within the Oxford City	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of Headington (directly opposite on the other side	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however the proximity of Thornhill to the established district	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of Headington (directly opposite on the other side
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets surrounding the site. A new settlement may	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is within the Oxford City administrative area.	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of Headington (directly	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however the proximity of Thornhill	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of Headington (directly
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets surrounding the site. A new settlement may provide additional facilities for these smaller villages, resulting in positive	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is within the Oxford City administrative area.  South of Grenoble Road is located close to the established and well-	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of Headington (directly opposite on the other side of the A40) provides a range of community facilities, including retail,	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however the proximity of Thornhill to the established district centre of Headington approx. 1 mile away to the west provides a range of	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of Headington (directly opposite on the other side of the A40) provides a range of community facilities, including retail,
accessibility for everyone to health, education, recreation, cultural, and community facilities and	Perm Timing: Short to long term Significance of effect: Not significant.   xx  A new settlement at Chalgrove could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  Although Chalgrove is classified as a larger village existing services would reach capacity with an adjacent new settlement, because the	A 'new town' could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure would is provided in a timely fashion.  There are a number of small villages and hamlets surrounding the site. A new settlement may provide additional facilities for these smaller villages,	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is south of Littlemore, Oxford and is within the Oxford City administrative area.  South of Grenoble Road is located close to the	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Wick Farm to the established district centre of Headington (directly opposite on the other side of the A40) provides a range of community	An urban extension could be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The site is adjacent to Risinghurst, which has limited services, however the proximity of Thornhill to the established district centre of Headington approx. 1 mile away to the	be developed over time in line with infrastructure delivery. An IDP would be produced, to ensure that infrastructure is provided in a timely fashion.  The proximity of Elsfield to the established district centre of Headington (directly opposite on the other side of the A40) provides a range of community

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	The site is relatively	significant negative	benefits from numerous	Barton approx. 1 mile from	Therefore <b>Positive</b>	Barton is located approx.
	isolated and does not	effects would occur.	community facilities within	the site has some local	effects are identified.	3 miles south east of
	have good accessibility to		these areas. The area is	scale retail, a community		Elsfield has some local
	Chalgrove due to the	Development would have	served by several schools,	centre and school. Barton	There is a ProW to the left	scale retail, a community
	site's location north of the	to provide health,	healthcare facilities, and is	Park is a planned 800+	of the site boundary.	centre and school. Barton
	B480, resulting in	education, recreation,	located close to areas of	residential development		Park is a planned 800+
	significant negative	community etc facilities as	future employment	adjacent to Wick Farm	Mitigation/enhancement	residential development
	effects towards access to	part of the scheme	growth. This includes	that will also provide	The negative effects	adjacent to Wick Farm
	services.	through CiL requirements	Oxford Business park,	health, education and	identified above could	that will also provide
	Development could	and the IDP.	Oxford Science Park and	community services.	be improved by the	health, education and
	provide the opportunity to		Harrow Road Industrial	Therefore <b>Positive</b>	addition of mitigation,	community services.
	improve services in	Mitigation:	Estate, as well as future	effects are identified.	positive effects could	Therefore Positive
	Chalgrove, through the	The negative effects	expansion by BMW.		also be enhanced.	effects are identified.
	CIL requirements and the	identified above could	Therefore Positive	There are a number of		
	IDP.	be improved by the	effects are identified,	PRoW that cross the sites.	Integration with	There are a number of
		addition of mitigation,			Risinghurst is essential to	PRoW that cross the sites
		positive effects could	Services and facilities are	Mitigation/enhancement	avoid segregation.	and the Oxford Greenbelt
	Mitigation:	also be enhanced.	available, there is a	The negative effects		way borders the western
	The negative effects		primary and secondary	identified above could	Produce an IDPto ensure	boundary.
	identified above could	Ensure improvements to	school, community centre	be improved by the	that infrastructure is	
	be improved by the	service provision	and allocated employment	addition of mitigation,	provided in a timely	Mitigation/enhancement
	addition of mitigation,	commensurate with any	sites. The capacity of	positive effects could	fashion.	The negative effects
	positive effects could	increases in population.	existing schools would	also be enhanced.		identified above could
	also be enhanced.	Produce an IDP to ensure	not be able to cope with		Ensure improvements to	be improved by the
		that infrastructure is	an adjacent new	Integration with Barton is	service provision	addition of mitigation,
	Ensure improvements to	provided in a timely	settlement so new	essential to avoid	commensurate with any	positive effects could
	service provision	fashion.	schools, as well as other	segregation.	increases in population.	also be enhanced.
	commensurate with any		services, would need to	Produce an IDPto ensure	Good phasing of	
	increases in population.	Good phasing of	be provided as part of the	that infrastructure is	development will be	Integration with Barton is
	Produce an IDP to ensure	development will be	development, to prevent	provided in a timely	required.	essential to avoid
	that infrastructure is	required.	negative effects.	fashion.		segregation.
	provided in a timely	Integration with the			Mix use development with	Produce an IDPto ensure
	fashion.	villages and towns nearby	Mitigation:	Ensure improvements to	a range of housing tenure	that infrastructure is
		would be essential,	The negative effects	service provision	is required.	provided in a timely
	Good phasing of	however the identity of	identified above could	commensurate with any		fashion.
	development will be	these places should be	be improved by the	increases in population.	Protect access to PRoW.	
	required.	protected.	addition of mitigation,	Good phasing of		Ensure improvements to
		A masterplan would need	positive effects could	development will be	A masterplan would need	service provision
	Continue to work with the	to be developed to	also be enhanced.	required.	to be developed to	commensurate with any
	masterplan developers to	encompass all mitigation	D I	NAC I I	encompass all mitigation	increases in population.
	ensure a masterplan is	recommendations.	Produce an IDP to ensure	Mix use development with	recommendations.	Good phasing of
	produced with all	Occurs lating # 1	that infrastructure is	a range of housing tenure	Occurs lating #	development will be
	mitigation	Cumulative effects	provided in a timely	is required, to improve the	Cumulative effects	required.
	recommendations	If improvements to service	fashion.	availability of larger	If improvements to service	NAS
	incorporated.	provision is not provided,		dwellings.	provision is not provided,	Mix use development with
	Missing development 22	negative effects will occur	Ensure improvements to	Duetost access to DD 134	negative effects will occur	a range of housing tenure
	Mix use development with	especially when combined	service provision	Protect access to PRoW.	especially when combined	is required, to improve the
	a range of housing tenure					

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	is required, to improve the availability of larger dwellings.	with the existing housing allocations. Loss of identity of the	commensurate with any increases in population. Good phasing of	A masterplan would need to be developed to encompass all mitigation	with the existing housing allocations. <b>Likelihood:</b>	availability of larger dwellings.
	J J	surrounded villages will be detriment and the impacts	development will be required.	recommendations.	High Scale:	Protect access to PRoW.
	Cumulative effects If improvements to service provision is not provided, negative effects across the district. Likelihood:	are unlikely to be reverted.  Likelihood: High Scale:	Integration with Littlemore and Blackbird Leys would be essential.  Replace any loss of	Cumulative effects If improvements to service provision is not provided, negative effects will occur especially when combined with the existing housing	District wide Temp or perm: Perm Timing: Short to long term Significance of	A masterplan would need to be developed to encompass all mitigation recommendations.  Cumulative effects
	High Scale: District wide Temp or perm: Perm Timing: Short to long term	District wide Temp or perm: Perm Timing: Short to long term Significance of effect:	recreation facilities and ensure that access to green infrastructure is maintained or replaced.  A masterplan would need to be developed to	allocations Likelihood: High Scale: District wide Temp or perm:	effect: Significant.	If improvements to service provision is not provided, negative effects will occur especially when combined with the existing housing allocations.
	Significance of effect: Significant.	Significant.	encompass all mitigation recommendations.  Cumulative effects If improvements to service provision is not provided, negative effects will occur.  Likelihood: High Scale: District wide Temp or perm: Perm Timing:	Perm Timing: Short to long term Significance of effect: Significant.		Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
			Short to long term Significance of effect: Significant.			
4. To maintain and improve	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm & Barton	Option 5 Thornhill	Option 6 Lower Elsfield
people's health,	XX	XX	XX	X	X	X
well-being, and community cohesion and support voluntary,	Although Chalgrove is classified as a larger village existing services would reach capacity with an adjacent new	Potential significant negative effects have been identified as discussed below:	The site is adjacent to the south of Littlemore and Blackbird Leys, Oxford.  The sites includes a	The Site is adjacent to the A40, therefore there are noise implications for new residents.	The Site is adjacent to the A420, therefore there might be noise implications for new residents.	Part of the site is adjacent to the A40, therefore there are noise implications for new residents.
community, and faith groups.	settlement, because the population would double	There are a number of Hazardous Installations	sewage works and a substation, a number of	Barton: The ethnic and international diversity of		Barton: The ethnic and international diversity of

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	in size. This will put	within and surrounding	electricity pylons cross the	Barton changed very	The area remains less	Barton changed very
	pressure on existing	this site. The site is	site, residential	rapidly over the last	ethnically diverse than	rapidly over the last
	communities which could	subject to a number of	development may lead to	decade	Oxford as a whole.	decade
	reduce community	restrictions and	safety and health	acoado	Oxidia as a wildie.	decade
	cohesion, resulting in	constraints owing to the	concerns. Resulting in	Wick Farm is located	Poverty and deprivation	Elsfield is located close to
	significant negative	presence of strategic	significant negative	close to the established	appears to be lower than	the established and well-
	effects.	utility apparatus crossing	effects.	and well-served area of	average in the ward.	served area of
	Circoto.	the site and a small area	Circoto.	Headington.	average in the ward.	Headington.
	The site is relatively	of floodplain.	The ethnic diversity of the	rioddingtorii.	Shotover Country Park is	i roadingtorii
	isolated and does not	o. needpidiin	population has increased	Additional development	located south of the site	Additional development
	have good accessibility to	Overhead power line, the	markedly over the last	may put pressure on	and is an area of	may put pressure on
	Chalgrove due the sites	high pressure gas mains	decade. In 2011 29% of	existing communities,	accessible country side.	existing communities,
	location on the east side	and floodplain which will	residents were from an	reducing community	accessione country state.	reducing community
	of the B480.	restrict development in	ethnic group other than	cohesion resulting in	There are AQMA within in	cohesion resulting in
	or the Broot	part of the site.	White British, compared to	negative effects.	Barton and Headington,	negative effects.
	The site is a 2 <sup>nd</sup> World war		12% in 2001	negative circots.	which are within Oxford	negative encots.
	airfield and issues of	Therefore development	1270 111 200 1	Wick Copse is within the	City's administrative area.	The boundary of the site
	contamination maybe	could propose a risk to	South of Grenoble Road is	proposed development	only o duminion drive area.	crosses Wick Copse to
	present at the site, this	human health and well-	located close to the	site and is an area of	There is a PRoW to the	the east, which is an area
	could result in <b>negative</b>	being both during	established and well-	accessible countryside.	left of the site.	of accessible countryside
	effects to new residents	construction and	served settlements of	acceptation occurring state.	lott of the oite.	or acceptable ecurity side
	without mitigation.	operational phases.	Littlemore and Blackbird	There are AQMAs in	Additional development	The proposed
	mareat magazem	operational pridece.	Leys, and as such	Barton and Headington,	may put pressure on	development site and is
	The site is also under the	The site is adjacent to the	benefits from numerous	which are within Oxford	existing communities,	an area of accessible
	flight path of RAF Benson,	M40, noise and air quality	community facilities within	City's administrative area.	reducing community	countryside.
	Martin Bakers Meteor also	could result in negative	these areas. The area is	3	cohesion resulting in	, , , , , , , , , , , , , , , , , , , ,
	occupies the site which	health impacts. Any	served by several schools,	There are a number of	negative effects.	There are AQMAs in
	requires some flights and	further development	healthcare facilities, and is	PRoW that cross the sites.		Barton and Headington,
	carries out explosive tests	would increase noise and	located close to areas of		Mitigation:	which are within Oxford
	as part of their business.	reduce air quality.	future employment	Mitigation:	The negative effects	City's administrative area.
	Resulting in potential	' ,	growth. This includes	The negative effects	identified above could	
	significant negative	There are a number of	Oxford Business park,	identified above could	be improved by the	There are a number of
	effects to new residents	small villages and hamlets	Oxford Science Park and	be improved by the	addition of mitigation,	PRoW that cross the sites.
	in terms of noise.	surrounding the site	Harrow Road Industrial	addition of mitigation,	positive effects could	
		These places will be	Estate, as well as future	positive effects could	also be enhanced.	Mitigation:
	There are AQMA's in	impacted by a settlement	expansion by BMW.	also be enhanced.		The negative effects
	AQMA Wallingford	being developed nearby,		Ensure improvements to	Ensure improvements to	identified above could
	(approx 9 miles from	this may result in a	The villages of Toot	service provision	service provision	be improved by the
	Chalgrove Airfield) and	breakdown of community	Baldon, Marsh Baldon and	commensurate with any	commensurate with any	addition of mitigation,
	Watlington (3.7 miles from	and social cohesion.	Nuneham Courtney are	increases in population.	increases in population.	positive effects could
	Chalgrove Airfield).		located to the south of the	Good phasing of	Good phasing of	also be enhanced.
	Further information on air	Mitigation:	site.	development will be	development will be	Ensure improvements to
	quality and congestion is	The negative effects		required.	required.	service provision
	addressed below in	identified above could	Social cohesion is an		Good urban design	commensurate with any
	Objectives 5 & 6.	be improved by the	important aspect of any	Good urban design	principles will be required	increases in population.
		addition of mitigation,	future residential	principles should be	that ensure accessibility is	Good phasing of
	Mitigation:	positive effects could	development within the	implanted to ensure social	promoted throughout the	development will be
		also be enhanced.	area. Additional	cohesion occurs, access	development phases,	required.

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	The negative effects	The leader to a section of the	development may put	to community and faith	pedestrian access should	
	identified above could	Undertake a review of the	pressure on existing	groups should be	be improved, to	Good urban design
	be improved by the	existing legal tenure	communities, reducing	integrated into the	Headington and Shotover	principles should be
	addition of mitigation,	relating to the existing	community cohesion	development, through the	Country Park.	implanted to ensure social
	positive effects could	utilities infrastructure	resulting in negative	masterplan process.	Ourselation offers	cohesion occurs, access
	also be enhanced.	within the site boundary	effects.		Cumulative effects	to community and faith
	Ensure improvements to	and any restrictions likely		Good urban design	If improvements to service	groups should be
	service provision	to be imposed.	BB*4* 4*	principles will be required	provision and accessibility	integrated into the
	commensurate with any	O	Mitigation:	that ensure accessibility is	is not provided, negative	development, through the
	increases in population.	Carry out an EMF survey	The negative effects	promoted throughout the	effects will occur this may	masterplan process.
	Good phasing of	to determine actual	identified above could	development phases,	lead to a break down in	
	development will be	readings and advise on	be improved by the	pedestrian access should	social cohesion	Good urban design
	required.	any refinement of standoff	addition of mitigation,	be improved across the	developing long term	principles will be required
	Good urban design	distances from the	positive effects could	A40.	problems within the area.	that ensure accessibility is
	principles will be required	existing overhead power	also be enhanced.		Likelihood:	promoted throughout the
	that ensure accessibility is	lines.	Ensure improvements to	A good and informative	High	development phases,
	promoted throughout the		service provision	method of consultation	Scale:	pedestrian access should
	development phases,	Continue liaison with	commensurate with any	should be undertaken with	Local	be improved across the
	pedestrian access should	Scottish & Southern and	increases in population.	the residents of both	Temp or perm:	A40.
	be improved across the	National Grid to discuss	Good phasing of	Barton and Headington.	Perm	
	B480.	and agree no build	development will be		Timing:	A good and informative
	Ensure any issues of	area/safety zones should	required.	Ensure Wick Copse	Short to long term	method of consultation
	contaminated land are	their infrastructure remain		remains accessible.	Significance of	should be undertaken with
	addressed.	insitu. The potential to	Good urban design		effect:	the residents of both
		divert their apparatus will	principles should be	Ensure PRoW are	Significant.	Barton and Headington.
	Carry out an acoustic	also be discussed.	implanted to ensure social	protected.		_ ,,,,,
	study to inform site		cohesion occurs, access			Ensure Wick Copse
	selection and mitigation	An acoustic survey may	to community and faith	Cumulative effects		remains accessible.
	required.	be required to identify	groups should be	If improvements to service		Francis DD : W
	Cumulative effects	current and future noise	integrated into the	provision and accessibility		Ensure PRoW are
	If improvements to service	levels of the M40. Noise	development, through the	is not provided, negative		protected.
	provision and accessibility	barriers and other	masterplan process.	effects will occur this may		
	is not provided, negative	mitigation measure may		lead to a break down in		Cumulative effects
	effects will occur this may	be required to be	Consider appropriate uses	social cohesion		If improvements to service
	lead to a break down in	integrated into new	for the sites especially the	developing long term		provision and accessibility
	social cohesion	housing.	sewage works the site	problems within the area.		is not provided, negative
	developing long term	Enguro importo contesta ta	would need to be	Some areas of Barton		effects will occur this may
	problems within the area.	Ensure improvements to	remediated this may	have high levels of		lead to a break down in
	Noise and contaminated	service provision	involve excavation and	deprivation and existing		social cohesion
	land issues may have a	commensurate with any	removal of contaminated	issues will not improve		developing long term
	detrimental effect on new	increases in population.	land.	and are likely to escalate.		problems within the area.
	residents.	Good phasing of	If the courses were	l ikalihaad:		Some areas of Barton
	Likelihood:	development will be	If the sewage works	Likelihood:		have high levels of
	High	required.	remains a buffer zone	High		deprivation and existing
	Scale:	A	would need to be	Scale:		issues will not improve
	Local	A masterplan would need	implemented.	Local		and are likely to escalate.
	Temp or perm:	to be developed to	A good and informative	Temp or perm:		Likelihood
	Perm	encompass all mitigation	method of consultation	Perm		Likelihood:

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Timing: Short to long term Significance of effect: Significant.	recommendations from detailed site assessments.  Cumulative effects  Severe health impacts will arise without mitigation, both in the short term and long term.  If improvements to service provision is not provided, negative effects will occur especially when combined with the existing housing allocations.  Loss of identity of the surrounding villages will be detrimental and the impacts are unlikely to be reversible.  Likelihood: High Scale: Local Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	should be undertaken with the residents of surrounding areas.  Cumulative effects If improvements to service provision and accessibility is not provided, negative effects will occur this may lead to a break down in social cohesion developing long term problems within the area. Existing issues will not improve and are likely to escalate.  Likelihood: High Scale: Local Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	Timing: Short to long term Significance of effect: Significant.		High Scale: Local Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.
5. To reduce harm to the environment by seeking to minimise pollution of all kinds especially water, air, soil and noise pollution.	The site is an airfield which is partially previously developed land.  There are no known mineral resources on the site.  The site is within a Nitrate Vulnerability Zone, there is low chance of surface water flooding; however the addition of hard surfaces can increase the risk of surface water runoff	The site is greenfield land any reduction in greenfield land may result in pollution from surface runoff.  The sites is within a Nitrate Vulnerability Zone, there is low chance of surface water flooding; however the addition of hard surfaces can increase the risk of surface water runoff and pollution, resulting in	The site is in the Oxford Green belt; the majority of the land is greenfield land, with the exception of the historic landfill sites and the sewage works, which are brownfield land.  Any reduction in greenfield land may result in pollution from surface run-off, resulting in potential negative effects.	The site is greenfield land, within the Oxford Greenbelt. Any reduction in greenfield land may result in pollution from surface run-off.  The site is within a Groundwater Vulnerability Zone (GVA) and Surface Water Safeguard Zone/ Nitrate Vulnerability Zone. There is a risk of surface water flooding from the main rivers and Brooks, within the proposed site,	The site is greenfield land, within the Oxford Greenbelt. Any reduction in greenfield land may result in pollution from surface run-off.  The Site is within an area of open/accessible countryside with relative tranquillity, any development here may reduce this quality, resulting in potential negative effects.	The site is greenfield land, within the Oxford Greenbelt. Any reduction in greenfield land may result in pollution from surface run-off.  The site is within a Groundwater Vulnerability Zone (GVA) and Surface Water Safeguard Zone/ Nitrate Vulnerability Zone. There is a risk of surface water flooding from the main rivers and Brooks, within the proposed site,

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	and pollution, resulting in	potential negative	There are 2 historic	resulting in potential	In the short term noise	resulting in potential
	potential negative	effects.	landfills within the north	negative effects.	pollution may increase	negative effects.
	effects.		west of the site boundary.		during the construction	
		There are a number of		There is likely to be an	phase.	There is likely to be an
	Consultation comments	Hazardous Installations	The sites includes a	increase in car borne		increase in car borne
	received raise the	within and surrounding	sewage works,	traffic locally, both during	There is likely to be an	traffic locally, both during
	following concerns: The	this site, therefore	development may result in	the construction and	increase in car borne	the construction and
	airfield being	development proposes a	pollution to soil and water.	operational phase. There	traffic locally, both during	operational phase. There
	topographically higher	risk to human health	The sewage works	are AQMA's in Barton and	the construction and	are AQMA's in Barton and
	already contributes to	specifically during the	release bad odours,	Headington, which are	operational phase.	Headington, which are
	flooding in Chalgrove.	construction phase,	resulting in potential	within Oxford City's	op overmerven process	within Oxford City's
	inodung in onlaigrovo.	resulting in potential	negative effects for new	administrative area,	There are AQMA's in	administrative area,
	The site is a 2 <sup>nd</sup> World war	significant negative	residents if further	resulting in potential	Barton and Headington,	resulting in potential
	airfield and issues of	effects if further	development occurs here.	negative effects if further	which are within Oxford	negative effects if further
			development occurs here.	_	City's administrative area,	_
	contamination maybe	development occurs here.	Candford Broke alcotricity	development occurs here.		development occurs here.
	present at the site, this	Due to the scale of	Sandford Brake electricity	There are true areas of	resulting in potential	There are are area of
	could result in significant	Due to the scale of	substation is located to	There are two areas of	negative effects if further	There are one area of
	negative effects to new	development noise	the north of the site, with	historic landfill: Wick	development occurs here.	historic landfill: Wick
	residents without	pollution will increase	very good compliance	Copse and Wick Farm.		Copse.
	mitigation.	during the construction	rates.		Mitigation:	
		phase, which may		There are no known	The negative effects	The north west boundary
	There are AQMA's in	continue for a number of	The sites is within a	mineral resources on the	identified above could	of the site is within a
	AQMA Wallingford	years, resulting in	Nitrate Vulnerability Zone,	site.	be improved by the	mineral consultation zone,
	(approx 9 miles from	potential negative effects	there is a low chance of		addition of mitigation,	resulting in potential
	Chalgrove Airfield) and	if further development	surface water flooding, the	The north east boundary	positive effects could	negative effects if further
	Watlington (3.7 miles from	occurs here.	addition of hard surfaces	of the site is within an oil	also be enhanced.	development occurs here.
	Chalgrove Airfield).		can increase the risk of	buffer zone, resulting in		
	,	Due to the relative	surface water runoff and	potential negative effects	A masterplan would need	Due to the scale of
	Wallingford:	isolation of the site, it is	pollution, resulting in	if further development	to be developed to	development noise
	Air pollution here has also	likely that a car based	potential negative effects	•	encompass all mitigation	pollution will increase
	been monitored since	development will occur,	if further development		recommendations.	during the construction
	1998. An AQMA was	resulting in potential	occurs here		- 1000mmonaamonor	phase, which may
	declared in 2005 again as	negative effects if further		Due to the scale of	Work with Oxford City to	continue for a number of
	a result of NO2 levels	development occurs here.	Due to the scale of	development noise	ensure the air quality is	years, resulting in
	exceeding the national	development occurs here.	development noise	pollution will increase	monitored during both the	potential negative effects
	objectives.	There is likely to be an	pollution will increase	during the construction	construction and	if further development
	Objectives.	increase in car borne				occurs here.
	Watlington		during the construction	phase, which may	operational phases.	occurs nere.
	Watlington:	traffic locally, both during	phase, which may	continue for a number of	France abosing of	The mostly and become law.
	Air pollution monitoring in	the construction and	continue for a number of	years, resulting in	Ensure phasing of	The north east boundary
	Watlington commenced in	operational phase.	years, resulting in	potential negative effects	development occurs to	of the site is within an oil
	2003 with an AQMA		potential negative effects	if further development	reduce noise impacts.	buffer zone, resulting in
	designated in 2009 due to	Spartum Fen SSSI is	if further development	occurs here.		potential negative effects
	NO2 exceedances'.	discussed in objective 9	occurs here.		Encourage the use of	if further development
		below.		There is likely to be an	permeable surfaces and	occurs here.
	The air pollution problem		There is likely to be an	increase in car borne	SuDS, to reduce surface	
	in Wallingford and	Consideration should be	increase in car borne	traffic locally, both during	run off.	
	Watlington are attributable	given to the impact of the	traffic locally, both during	the construction and		There is likely to be an
	to the traffic congestion	surrounding villages in	_	operational phase,		increase in car borne

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	along narrow streets lined	terms of congestion and	the construction and	resulting in potential	Improve sustainable	traffic locally, both during
	with high sided buildings	air quality, which could	operational phase.	negative effects if further	transport and accessibility	the construction and
	which leads to the	result in negative effects	operational phase.	development occurs here.	to reduce use of personal	operational phase,
	creation of a 'street	without mitigation.	Consideration should be	development occurs here.	vehicle use.	resulting in potential
	canyon' effect with	without mitigation.	given to the impact of		verlicie use.	negative effects if further
	pollutants unable to	Mitigation:	Oxford and the		Ensure the ETI results	development occurs here.
	effectively disperse and	The negative effects	surrounding villages in	Mitigation;	inform the decision	development occurs here.
	are trapped at ground	identified above could	terms of congestion and	The negative effects	making process.	The site is extremely
	level. Both Watlington and	be improved by the	air quality, which could	identified above could	Consider how a level of	large, it encompasses the
	Wallingford are within a	addition of mitigation,	result in negative effects	be improved by the	tranquillity can be	village of Elsfield, and the
	10 miles radius of	positive effects could	without mitigation.	addition of mitigation,	maintained.	boundary is as far north
	Chalgrove Airfield,	also be enhanced.	without mitigation.	positive effects could	maintained.	as Woodeaton and south
	therefore potential	A masterplan would need	There are no known	also be enhanced.	Cumulative effects	to the A40, therefore
	significant negative	to be developed to	mineral resources on the	also be elillaliced.	Severe impacts will arise	overall significant
	effects may occur without	encompass all mitigation	site.	A masterplan would need	without mitigation, both in	negative effects are
	mitigation if further	recommendations.	Mitigation:	to be developed to	the short term and long	noted due to the scale of
	development is allocated.	recommendations.	The negative effects	encompass all mitigation	term, with regard to the	development compared to
	development is allocated.	Identify future utility	identified above could	recommendations.	environment.	the alternative option.
	Due to the scale of	provision.	be improved by the	recommendations.	environment.	the alternative option.
	development noise	Continued liaison with	addition of mitigation,	Consider how	Likelihood:	
	pollution will increase	utility providers regarding	positive effects could	development may be	High	Mitigation;
	during the construction	the current on-site	also be enhanced.	impacted by the existing	Scale:	The negative effects
	phase, which may	infrastructure and validate	aiso de emianceu.	historic landfill located on	District wide	identified above could
	continue for a number of		A masterplan would need			
		historic strategic utility	A masterplan would need	the site.	Temp or perm:	be improved by the
	years, resulting in	routes.	to be developed to	Work with Oxford City to	Perm	addition of mitigation,
	potential negative effects	Undertake a review of the	encompass all mitigation	Work with Oxford City to	Timing:	positive effects could
	if further development	Undertake a review of the	recommendations.	ensure the air quality is	Short to long term	also be enhanced.
	occurs here.	existing legal tenure	Consider how	monitored during both the	Significance of	A mostorplan would need
	Due to the veletion	relating to the existing		construction and	effect:	A masterplan would need
	Due to the relative	utilities infrastructure	development may be	operational phases.	Significant.	to be developed to
	isolation of the site, it is	within the site boundary	impacted by the existing	Ensure phasing of		encompass all mitigation
	likely that a car based	and any restrictions likely	historic landfill located on	development occurs to		recommendations.
	development will occur,	to be imposed.	the site.	reduce noise impacts.		Canaidan bau
	resulting in potential	Community on EME and and	Mante with Outsand City to	Consumers the use of		Consider how
	negative effects if further	Carry out an EMF survey	Work with Oxford City to	Encourage the use of		development may be
	development occurs here.	to determine actual	ensure the air quality is	permeable surfaces and		impacted by the existing
	T	readings and advise on	monitored during both the	SuDS, to reduce surface		historic landfill located on
	There is likely to be an	any refinement of standoff	construction and	run off.		the site.
	increase in car borne	distances from the	operational phases.			
	traffic locally, both during	existing overhead power	Enganism the second	Improve sustainable		Work with Oxford City to
	the construction and	lines.	Encourage the use of	transport and accessibility		ensure the air quality is
	operational phase.	Continue linis are with	permeable surfaces and	to reduce use of personal		monitored during both the
	Consideration should be	Continue liaison with	SuDS, to reduce surface	vehicle use.		construction and
	given to the impact of the	Scottish & Southern and	run off.	Francis de FEU		operational phases.
	surrounding villages in	National Grid to discuss		Ensure the ETI results		Ensure phasing of
	terms of congestion and	and agree no build	Improve sustainable	inform the decision		development occurs to
	air quality, which could	area/safety zones should	transport and accessibility	making process.		reduce noise impacts.
		their infrastructure remain				

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	result in negative effects	in situ. The potential to	to reduce use of personal	An acoustic survey will be		Encourage the use of
	without mitigation.	divert their apparatus will	vehicle use.	required to identify current		permeable surfaces and
	Barrier of the form	also be discussed.	For a distance to	and future noise levels of		SuDS, to reduce surface
	Mitigation/enhancement:		Ensure the ETI results	the adjacent roads. Noise		run off.
	The negative effects	An acoustic survey will be	inform the decision	barriers and other		
	identified above could	required to identify current	making process.	mitigation measure may		Improve sustainable
	be improved by the	and future noise levels of		be required to be		transport and accessibility
	addition of mitigation,	the M40. Noise barriers	An acoustic survey will be	integrated into new		to reduce use of personal
	positive effects could	and other mitigation	required to identify current	housing.		vehicle use.
	also be enhanced.	measure may be required	and future noise levels of			
		to be integrated into new	the adjacent roads. Noise	Consider the impacts of		Ensure the ETI results
	Ensure phasing of	housing.	barriers and other	the oil buffer zone.		inform the decision
	development occurs to		mitigation measure may			making process.
	reduce impacts.	Encourage the use of	be required to be	Policy on strategic sites		
	·	permeable surfaces and	integrated into new	should require any		An acoustic survey will be
	Encourage the use of	SuDS, to reduce surface	housing.	preferred option to be		required to identify current
	permeable surfaces and	run off.		'air quality neutral' both		and future noise levels of
	SuDS, to reduce surface			during construction and		the adjacent roads. Noise
	runoff.	Improve sustainable	Consider appropriate uses	operational phases.		barriers and other
		transport and accessibility	for the sites especially the	operational priores.		mitigation measure may
	Improve sustainable	to reduce use of personal	sewage works the site			be required to be
	transport and accessibility	vehicle use.	would need to be	Cumulative effects		integrated into new
	to reduce use of personal	Vollidio doo.	remediated this may	Severe impacts will arise		housing.
	vehicles use.	Ensure the ETI results	involve excavation and	without mitigation, both in		nodoling.
	vernoies use.	inform the decision	removal of contaminated	the short term and long		Consider the impacts of
	Ensure the Evaluation of	making process.	land.	term, with regard to the		the oil buffer zone.
	Transport Impact (ETI)	making process.	land.	environment.		the on bullet zone.
	results inform the decision	Carry out further	Policy on strategic sites	environment.		Policy on strategic sites
		discussions with the EA	should require any	Likelihood:		should require any
	making process.					
	Engura any igay as of	with respect to developing	preferred option to be	High		preferred option to be
	Ensure any issues of	the masterplan.	'air quality neutral' both	Scale:		'air quality neutral' both
	contaminated land are	Delieus en etrote ele elte e	during construction and	District wide		during construction and
	addressed.	Policy on strategic sites	operational phases.	Temp or perm:		operational phases.
		should require any		Perm		
	Continue to monitor air	preferred option to be		Timing:		
	quality in line with	'air quality neutral' both	Cumulative effects	Short to long term		Cumulative effects
	regulation requirements.	during construction and	Severe impacts will arise	Significance of		Severe impacts will arise
		operational phases.	without mitigation, both in	effect:		without mitigation, both in
	Policy on strategic sites		the short term and long	Significant.		the short term and long
	should require any		term, with regard to the			term, with regard to the
	preferred option to be	Cumulative effects	environment.			environment.
	'air quality neutral' both	Severe impacts will arise				
	during construction and	without mitigation, both in	Likelihood:			Likelihood:
	operational phases.	the short term and long	High			High
	_	term, with regard to the	Scale:			Scale:
	Cumulative effects	environment.	District wide			District wide
	Without mitigation the		Temp or perm:			Temp or perm:
	cumulative and long term	Likelihood:	Perm			Perm

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	effects will be negative this may include, pollution from surface run off and air pollution from transportation. Likelihood: High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	High Scale: District wide Temp or perm: Perm Timing: Short to long term Significance of effect: Significant.	Timing: Short to long term Significance of effect: Significant.			Timing: Short to long term Significance of effect: Significant.
	XX	√ XX	✓ x	✓ x	✓ X	√ XX
6. To improve travel choice and accessibility, reduce the need to travel by car and shorten the length and duration of journeys.	Chalgrove site comprises a former airfield which is a partially previously developed site, north of the B480, approximately 14.1 miles from Oxford, 19 miles from Reading and approximately 7 miles from junction 7 of the M40 motorway. There is no train station at Chalgrove.  The road network to the site comprises the B480, a two lane carriageway running east-west to the south of the site, serving chalgrove village and connecting to the a329 via Stadhampton to the west. The B480 continues westwards towards Oxford and east towards Watlington. The site is relatively isolated and does not have good accessibility to Chalgrove due to the sites location to the north of the B480.	A new settlement would create a "new town" in an area with few services at the moment, this includes sustainable transport options. There is currently an infrequent bus service.  The "Oxford Tube" coach service to London could be re-routed here — instead or additional to Lewknor  The scale of development would allow for sustainable forms of transport to be implemented.  Development at this site could relate well to the strategic ambitions for linking the A34 to the M40 and beyond.  The promoter has advised that access will be provided onto both the A329 and A40 and these	The site is an edge of Oxford site, south of the city, within the administrative area of SODC.  South of Grenoble Road is located close to the established and wellserved settlements of Littlemore and Blackbird Leys, and as such benefits from numerous community facilities within these areas, resulting in positive effects.  The site is located close to areas of future employment growth. This includes Oxford Business park, Oxford Science Park and Harrow Road Industrial Estate, as well as future expansion by BMW, resulting in positive effects.	The site is located to the north of the Northern Bypass, and is well connected to Oxford and employment areas in Headington. The area offers good proximity to the Headington area and to retail and leisure facilities, resulting in positive effects. However, proximity to supermarkets and secondary schools needs to be improved.  The wider Headington area also provides a range of employment opportunities linked to the area's hospitals and Oxford Brooks University in particular, while Headington is also well-connected to the city centre, where significant job creation is expected, resulting in positive effects.	The site is located close to the eastern bypass, and is well connected to Oxford and employment areas in Headington. The area offers good proximity to the Headington area and to retail and leisure facilities, resulting in positive effects.  However, proximity to supermarkets and secondary schools needs to be improved.  The wider Headington area also provides a range of employment opportunities linked to the area's hospitals and Oxford Brooks University in particular, while Headington is also well-connected to the city centre, where significant job creation is expected, resulting in positive effects.	Elsfeld itself is approx. 5 miles from Oxford, easy access along the northern bypass by car, however the accessibility to others areas of the site depending which section of the site was developed would need some extensive infrastructure and accessibility improvement, therefore significant negative effects are noted without mitigation.  The site is located to the north of the Northern Bypass, and is well connected to Oxford and employment areas in Headington. The area offers good proximity to the Headington area and to retail and leisure facilities, resulting in positive effects. However, proximity to supermarkets and

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	There are buses to Oxford	would be linked internally	The site is 4 miles direct	Sustainable and safe	Headington offers good	secondary schools needs
	every hour (with changes	via an improved crossing	along the A4144 to Oxford	forms of transport need to	connections by public	to be improved.
	in the off peak), buses	of the M40. M40 junction	by bus. There are regular	be improved through	transport to the city centre	
	stop early evening and	7 would be remodelled,	services, however the	access routes for	and employment	The wider Headington
	there is no Sunday	with roundabouts instead	journey takes approx. 30-	residents of Barton to	opportunities, with regular	area also provides a
	services. Buses take	of the priority junctions,	40 minutes to Oxford City	prevent negative effects.	bus services every 10	range of employment
	approx. 1hr and stop at	providing direct access to	Centre, resulting in		minutes. Headington is	opportunities linked to the
	larger villages on route.	the motorway. The M40	positive effects.	The area has potential to	approx. 20 minutes' walk	area's hospitals and
		west-facing slip roads		offer good connections by	away from the site,	Oxford Brooks University
	There is no direct route to	would be reinstated but	South of Grenoble Road is	public transport to the city	resulting in positive	in particular, while
	Reading.	these may be reserved for	close to high frequency	centre and employment	effects.	Headington is also well-
	C	public transport services	services operating in the	opportunities. There are		connected to the city
	Buses to Didcot and	only. The interchange hub	Blackbird Leys and	currently regular bus	There is a P&R located	centre, where significant
	Milton Park are not direct	would take direct access	Greater Leys areas, and	services to Barton every	adjacent to the north west	job creation is expected,
	and provide limited	from the remodelled M40	presents a significant	10 minutes, resulting in	of the site, buses leave	resulting in positive
	access, compared to a car	Junction 7.	opportunity if it is possible	positive effects.	every 12 minutes to	effects.
	journey of 30 minutes.		to extend some services	•	Oxford, which is approx. 4	
	,	It is unlikely that the full	through this area to the	During the construction	miles away, resulting in	Sustainable and safe
	Monument Park, business	extent of sustainable	new development;	phase a large increase in	positive effects.	forms of transport need to
	park is located across the	transport and strategic	however, these services	vehicle movement will		be improved through
	road on Warpsgrove Lane	networks improvements	are circular routes that	occur, resulting in	The P&R is also a stop for	access routes for
	and provides 17 hectares	could be implemented	may make this more	potential negative	the Oxford-London coach	residents of Barton to
	of B1 and B2 employment	prior to the development,	problematic. Journey	effects.		prevent negative effects.
	uses this would provide	therefore there is likely to	times to Oxford city centre		During the construction	
	employment opportunities	be a short fall as the	are also significant	Mitigation:	phase a large increase in	The area has potential to
	for new residents, if	developed was phased.	because of the heavily	The negative effects	vehicle movement will	offer good connections by
	employment provision was	This would result in further	trafficked nature of the	identified above could	occur, resulting in	public transport to the city
	expanded.	vehicle use which could	Cowley Road and the	be improved by the	potential negative	centre and employment
	•	severely impact the M40	number of passengers	addition of mitigation,	effects.	opportunities. There are
	Due to the relative	and other road networks	carried, resulting in	positive effects could		currently regular bus
	isolation of the site, it is	around Oxford which are	potential negative	also be enhanced.	Mitigation:	services to Barton every
	likely that a car based	already near capacity.	effects.		The negative effects	10 minutes, resulting in
	development will occur.			Produce an IDPto ensure	identified above could	positive effects, however
	During the construction	Due to the location of the	There are several cycle	that infrastructure is	be improved by the	access to bus stops would
	phase a large increase in	site, it is likely that a car	friendly routes to Oxford,	provided in a timely	addition of mitigation,	be determined by the
	vehicle movement will	based development will	approx. 20 minutes along	fashion.	positive effects could	location of housing on this
	occur. Consideration	occur.	flat routes, resulting in		also be enhanced.	large site.
	should be given to the		positive effects.	Ensure the ETI results		
	impact of the surrounding	During the construction		inform the decision	Produce an IDPto ensure	During the construction
	villages in terms of	phase a large increase in	During the construction	making process.	that infrastructure is	phase a large increase in
	congestion and air quality,	vehicle movement will	phase a large increase in	maining process.	provided in a timely	vehicle movement will
	which could result in	occur.	vehicle movement will	Work with infrastructure	fashion.	occur, resulting in
	negative effects without		occur, resulting in	providers to identify were		potential negative
	mitigation.	The site has limited	potential negative	an increase in sustainable	Ensure the ETI results	effects.
		access as discussed	effects.	modes of transport is	inform the decision	
	The site has limited	above, leading to potential		required. This should	making process.	Mitigation:
	access as discussed	significant negative	Mitigation:	include, cycle ways,		The negative effects
	above, leading to potential	effects if development	<del>g</del>	13.2.2.7, 2, 3.3.		identified above could

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	significant negative	occurs here, without	The negative effects	linking to green	Work with infrastructure	be improved by the
	effects if development	mitigation.	identified above could	infrastructure.	providers to identify were	addition of mitigation,
	occurs here, without	Thinganon.	be improved by the	Cumulative effects	an increase in sustainable	positive effects could
	mitigation.		addition of mitigation,	Without mitigation	modes of transport is	also be enhanced.
		Mitigation:	positive effects could	congestion and the	required. This should	aiso de cimancea.
	Mitigation:	_	also be enhanced.	associated impacts will	· ·	Produce an IDPto ensure
	1	The negative effects identified above could	also be emilanced.		include, cycle ways,	that infrastructure is
	The negative effects identified above could		Draduce on IDDte engure	increase, this will have a	linking to green	
		be improved by the	Produce an IDPto ensure	detrimental impact over a	infrastructure.	provided in a timely
	be improved by the	addition of mitigation,	that infrastructure is	wider area.	Occurred the office of	fashion.
	addition of mitigation,	positive effects could	provided in a timely	Likelihood:	Cumulative effects	_ ,, ,
	positive effects could	also be enhanced.	fashion.	High	Without mitigation	Ensure the ETI results
	also be enhanced.			Scale:	congestion and the	inform the decision
		Ensure the ETI results	Ensure the ETI results	Regional	associated impacts will	making process.
	Produce an IDP to ensure	inform the decision	inform the decision	Temp or perm:	increase, this will have a	
	that infrastructure is	making process.	making process.	Perm	detrimental impact over a	Work with infrastructure
	provided in a timely			Timing:	wider area.	providers to identify were
	fashion.	Produce an IDPto ensure	Work with infrastructure	Short to long term	Likelihood:	an increase in sustainable
		that infrastructure is	providers to identify were	Significance of	High	modes of transport is
	Ensure the ETI results	provided in a timely	an increase in sustainable	effect:	Scale:	required. This should
	inform the decision	fashion.	modes of transport is	Significant.	Regional	include, cycle ways,
	making process.		required. This should		Temp or perm:	linking to green
		Work with infrastructure	include, cycle ways,		Perm	infrastructure.
	Ensure good urban design	providers to identify were	linking to green		Timing:	Cumulative effects
	principles are	an increase in sustainable	infrastructure.		Short to long term	Without mitigation
	implemented within the	modes of transport is	Imadiadiaio.		Significance of	congestion and the
	new settlement and to	required. This should	The area will benefit from		effect:	associated impacts will
	create good access to	include, cycle ways,	the highway		Significant.	increase, this will have a
	Chalgrove Village.	linking to green	improvements carried out		olgrinicant.	detrimental impact over a
	Chaigiove village.	infrastructure.	at the Kennington and			wider area.
	Continue to monitor air	illiastructure.	Hinksey Hill interchanges			Likelihood:
	quality in line with	Access to other locations				High
	' '		and the proposed re-			
	regulation requirements.	were service provision	opening of the Cowley			Scale:
	A 4 4b 1 4i	and employment options	Line.			Regional
	Access to other locations	exist, should be provided.	A			Temp or perm:
	where service provision		Access to other locations			Perm
	and employment options	Continue to work with the	were service provision			Timing:
	exist, should be improved	site promoter to ensure all	and employment options			Short to long term
	by working with	mitigation is included in a	exist, should be provided.			Significance of
	infrastructure providers to	masterplan.				effect:
	identify where an increase		Good urban design			Significant
	in sustainable modes of	Cumulative effects	principles should be			
	transport is required. This	Without mitigation	integrated into the design			
	should include, cycle	congestion and the	to improve accessibility.			
	ways, linking to green	associated impacts will				
	infrastructure.	increase, this will have a	Cumulative effects			
		detrimental impact over a	Without mitigation			
	Cumulative effects	wider area.	congestion and the			
		Likelihood:	associated impacts will			

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	Without mitigation	High	increase, this will have a			
	congestion and the	Scale:	detrimental impact over a			
	associated impacts will	Regional	wider area.			
	increase, this will have a	Temp or perm:	Likelihood:			
	detrimental impact over a	Perm	High			
	wider area.	Timing:	Scale:			
	Likelihood:	Short to long term	Regional			
	High	Significance of	Temp or perm:			
	Scale:	effect:	Perm			
	Regional	Significant.	Timing:			
	Temp or perm:		Short to long term			
	Perm		Significance of			
	Timing:		effect:			
	Short to long term					
	Significance of					
	effect:					
	Significant.					
7. To conserve	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
and enhance	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
biodiversity	?	XX	0 ?	? xx	? xx	? xx
	No known biodiversity	The site is within an SSSI	Sandford Brake electricity	The following bird species	Shotover Country Park is	The following bird species
	constraints are identified,	impact zone. Spartum Fen	substation is located to	are present in the area	located to the south of the	are present in the area
	resulting in potentially no	SSSI is one of a group of	the north of the site within	Grey Partridge, Yellow	proposed site. The	Grey Partridge, Yellow
	impact to biodiversity	important fen sites found	an area of woodland. The	Wagtail and Lapwing. All	country park covers most	Wagtail and Lapwing. All
	constraints, however a	in Oxfordshire and lies to	woodland is a local wildlife	are classified as Red List	of the 100ha of land	are classified as Red List
	BAP phase 1 survey	the south western	site.	species.	between Shotover Plain	species.
	should be undertaken	boundary of the site.			and the Eastern Bypass	
		Spartum Fen supports a	No further biodiversity	Sydlings Copse and	and falls into two main	Sydlings Copse and
	The following European	rich invertebrate fauna	constraints have been	Wicks copse are located	parts, the southern slopes	Wicks copse are located
	Sites need to be	including over forty	identified, resulting in no	within the site. Providing	of Shotover Hill and the	next to the eastern
	considered when	species of nationally	impact to biodiversity	ancient broadleaved	flat predominantly wooded	boundary. Providing
	identifying areas for	uncommon and rare	constraints.	woodland, limestone	land near the bypass.	ancient broadleaved
	additional housing	insects.		grasslands, reedbed, fen,	Brasenose Woodland and	woodland, limestone
	development: Aston	Changes in water supply	Additional development in	a stream and rare	Shotover Hill within	grasslands, reedbed, fen,
	Rowant SAC, Chiltern	and water quality have the	this areas could assist	Oxfordshire heathland,	Shotover Country park are	a stream and rare
	Beechwoods SAC, Cothill	potential to result in harm	with funding for	the reserve supports over	Sites of Special Scientific	Oxfordshire heathland, the
	Fen SAC, Hartslock	to the SSSI.	biodiversity enhancement	400 plant species. The	Interest (SSSI).	reserve supports over 400
	Woods SAC, Little	Any new development on	for example: green	site containsbirds and		plant species. The site
	Wittenham SAC Oxford	this site may lead to	infrastructure, wildlife	insect life; butterflies	Any new development on	contains birds and insect
	Meadows SAC	significant negative	areas, buffer zones etc.	include the purple	this site may lead to	life; butterflies include the
	A LEGGLAND I	effects on the SSSI.	T. C. II	hairstreak, brown	significant negative	purple hairstreak, brown
	Additional development		The following European	hairstreak, common blue	effects on the SSSI.	hairstreak, common blue
	can lead to increased	Great crested newts are	Sites need to be	and marbled white.	TI	and marbled white
	emissions from vehicle	found around Milton	considered when	(BBOWT2015)	The site is adjacent to a	(BBOWT, 2015).
	movement and put strain	common. Godwin's copse	identifying areas for	Changes in water supply	Nature Conservation	Changes in water supply
	on water resources, both	adjacent to the site to the	additional housing	and water quality have the	Target Area.	and water quality have the
	can have detrimental	south-west is classed as	development: Aston	potential to result in harm		potential to result in harm
	effects on SAC's. A		Rowant SAC, Chiltern	to the SSSI		to the SSSI

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Habitats Regulations	ancient & Seminatural	Beechwoods SAC, Cothill	Any new development on	The following European	Any new development on
	Assessment for South	Woodland.	Fen SAC, Hartslock	this site may lead to	Sites need to be	this site may lead to
	Oxfordshire District		Woods SAC, Little	negative effects on the	considered when	negative effects on the
	Council was prepared by	The following European	Wittenham SAC Oxford	SSSI.	identifying areas for	SSSI.
	LUC January 2015' The	Sites need to be	Meadows SAC. A Habitats	There could be	additional housing	There could be
	HRA Report considered	considered when	Regulations Assessment	Significant negative	development: Aston	Significant negative
	four potential growth	identifying areas for	for South Oxfordshire	effects on the SSSI in the	Rowant SAC, Chiltern	effects on the SSSI in the
	options. Further HRA	additional housing	District Council was	absence of mitigation.	Beechwoods SAC, Cothill	absence of mitigation.
	Appropriate Assessment	development: Aston	prepared by LUC January		Fen SAC, Hartslock	
	will be carried out at the	Rowant SAC, Chiltern	2015' The HRA Report		Woods SAC, Little	Longwood and woodeaton
	next stage of the Plan	Beechwoods SAC, Cothill	considered four potential	The following European	Wittenham SAC Oxford	woodland are within the
	making process.	Fen SAC, Hartslock	growth options. Further	Sites need to be	Meadows SAC. A	site boundary and are
	Therefore current effects	Woods SAC, Little	HRA Appropriate	considered when	Habitats Regulations	local wildlife sites,
	are uncertain.	Wittenham SAC Oxford	Assessment will be	identifying areas for	Assessment for South	therefore development
		Meadows SAC. A	carried out at the next	additional housing	Oxfordshire District	may result in negative
	Additional development in	Habitats Regulations	stage of the Plan making	development: Aston	Council was prepared by	effects.
	this areas could assist	Assessment for South	process. Therefore current	Rowant SAC, Chiltern	LUC January 2015' The	
	with funding for	Oxfordshire District	effects are uncertain.	Beechwoods SAC, Cothill	HRA Report considered	The following European
	biodiversity enhancement	Council was prepared by		Fen SAC, Hartslock	four potential growth	Sites need to be
	for example: green	LUC January 2015' The	Additional development	Woods SAC, Little	options. Further HRA	considered when
	infrastructure, wildlife	HRA Report considered	can lead to increased	Wittenham SAC Oxford	Appropriate Assessment	identifying areas for
	areas, buffer zones etc.	four potential growth	emissions from vehicle	Meadows SAC. A Habitats	will be carried out at the	additional housing
		options. Further HRA	movement and put strain	Regulations Assessment	next stage of the Plan	development: Aston
	Mitigation:	Appropriate Assessment	on water resources, both	for South Oxfordshire	making process.	Rowant SAC, Chiltern
	The negative effects	will be carried out at the	can have detrimental	District Council was	Therefore current effects	Beechwoods SAC, Cothill
	identified above could	next stage of the Plan	effects on SAC's.	prepared by LUC January	are <b>uncertain.</b>	Fen SAC, Hartslock
	be improved by the	making process.		2015' The HRA Report	Additional development	Woods SAC, Little
	addition of mitigation,	Therefore current effects	Additional development in	considered four potential	can lead to increased	Wittenham SAC Oxford
	positive effects could	are uncertain.	this areas could assist	growth options. Further	emissions from vehicle	Meadows SAC. A Habitats
	also be enhanced.		with funding for	HRA Appropriate	movement and put strain	Regulations Assessment
		Additional development	biodiversity enhancement	Assessment will be	on water resources, both	for South Oxfordshire
	Incorporate green	can lead to increased	for example: green	carried out at the next	can have detrimental	District Council was
	infrastructure into the	emissions from vehicle	infrastructure, wildlife	stage of the Plan making	effects on SAC's.	prepared by LUC January
	design and biodiversity	movement and put strain	areas, buffer zones etc.	process. Therefore current		2015' The HRA Report
	enhancement schemes.	on water resources, both		effects are uncertain.	Additional development in	considered four potential
		can have detrimental	Mitigation:		this areas could assist	growth options. Further
	Carry out a BAP phase 1	effects on SAC's. Current	The negative effects	Additional development	with funding for	Appropriate Assessment
	survey.	impact is <b>uncertain</b> until a	identified above could	can lead to increased	biodiversity enhancement	would need to be carried
		Habitats Regulation	be improved by the	emissions from vehicle	for example: green	out at the next stage of
	Ensure further HRA	Assessment Screening is	addition of mitigation,	movement and put strain	infrastructure, wildlife	the Plan making process.
	Appropriate Assessment	undertaken.	positive effects could	on water resources, both	areas, buffer zones etc.	Therefore current effects
	is carried out and all		also be enhanced.	can have detrimental		are uncertain.
	recommendations are	Additional development in		effects on SAC's.	Mitigation:	
	included in the Local Plan	this areas could assist	A phase 1 ecological		The negative effects	Additional development
	2032.	with funding for	survey should be	Additional development in	identified above could	can lead to increased
	Cumulative effects	biodiversity enhancement	undertaken.	this areas could assist	be improved by the	emissions from vehicle
	The cumulative effects of	for example: green		with funding for	addition of mitigation,	movement and put strain
	all housing allocations			biodiversity enhancement		on water resources, both

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	within Oxfordshire, can	infrastructure, wildlife	Avoid any detrimental	for example: green	positive effects could	can have detrimental
	lead to detrimental	areas, buffer zones etc.	impact to the local wildlife	infrastructure, wildlife	also be enhanced.	effects on SAC's.
	impacts on SAC's from air	arodo, barror zorros oto.	site.	areas, buffer zones etc.	An ecological survey and	
	quality and water use	Mitigation:		Mitigation:	mitigation	
	resources and pollution.	The negative effects	Incorporate green	The negative effects	recommendations for any	Additional development in
	Toodarood and ponduom	identified above could	infrastructure into the	identified above could	development needs to be	this areas could assist
	Likelihood:	be improved by the	design and biodiversity	be improved by the	undertaken alongside	with funding for
	High	addition of mitigation,	enhancement schemes.	addition of mitigation,	consultation with Natural	biodiversity enhancement
	Scale:	positive effects could		positive effects could	England to ensure	for example: green
	Regional	also be enhanced.	Additional development	also be enhanced.	protection of the water	infrastructure, wildlife
	Temp or perm:		can lead to increased		course and the SSSI is	areas, buffer zones etc.
	Perm	An ecological survey and	emissions from vehicle	An ecological survey and	maintained.	
	Timing:	mitigation	movement and put strain	mitigation		Mitigation:
	Short to long term	recommendations for any	on water resources, both	recommendations for any	Detention ponds, green	The negative effects
	Significance of	development needs to be	can have detrimental	development needs to be	roofs, swales and other	identified above could
	effect:	undertaken alongside	effects on SAC's.	undertaken alongside	infiltration techniques	be improved by the
	Significant	consultation with Natural		consultation with Natural	should be integrated into	addition of mitigation,
		England to ensure	Cumulative effects	England to ensure	the design and included	positive effects could
		protection of the water	Removal of greenfield	protection of the water	within the masterplan.	also be enhanced.
		course and the SSSI is	land can impact the	course and the SSSI is	'	
		maintained.	enhancement of	maintained.	Incorporate green	An ecological survey and
			biodiversity.		infrastructure into the	mitigation
		Detention ponds, green		Detention ponds, green	design and biodiversity	recommendations for any
		roofs, swales and other	Likelihood:	roofs, swales and other	enhancement schemes.	development needs to be
		infiltration techniques	High	infiltration techniques		undertaken alongside
		should be integrated into	Scale:	should be integrated into	Ensure further HRA	consultation with Natural
		the design and included	Regional	the design and included	Appropriate Assessment	England to ensure
		within the masterplan.	Temp or perm:	within the masterplan.	is carried out and all	protection of the water
		·	Perm	·	recommendations are	course and the SSSI is
		Incorporate green	Timing:	Incorporate green	included in the Local Plan	maintained.
		infrastructure into the	Short to long term	infrastructure into the	2032.	
		design and biodiversity	Significance of	design and biodiversity	Cumulative effects	Detention ponds, green
		enhancement schemes.	effect:	enhancement schemes.	The cumulative effects of	roofs, swales and other
			Low Significant		all housing allocations	infiltration techniques
		Additional development		Ensure further HRA	within Oxfordshire, can	should be integrated into
		can lead to increased		Appropriate Assessment	lead to detrimental	the design and included
		emissions from vehicle		is carried out and all	impacts on SAC's and	within the masterplan.
		movement and put strain		recommendations are	SSSI's from air quality	
		on water resources, both		included in the Local Plan	and water resources use	Incorporate green
		can have detrimental		2032.	and pollution.	infrastructure into the
		effects on SAC's.			_	design and biodiversity
		Natural England		Cumulative effects	Likelihood:	enhancement schemes.
		consultation response: we		The cumulative effects of	High	Ensure further HRA
		would need to be satisfied		all housing allocations	Scale:	Appropriate Assessment
		that the proposals would		within Oxfordshire, can	Regional	is carried out and all
		not adversely affect		lead to detrimental	Temp or perm:	recommendations are
		Spartum Fen SSSI. There		impacts on SAC's and	Perm	included in the Local Plan
		appear to be considerable		SSSI's from air quality and	Timing:	2032.

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
		hydrological issues that could affect delivery of this site.  Cumulative effects The cumulative effects of all housing allocations within Oxfordshire, can lead to detrimental impacts on SAC's and SSSI's from air quality and water resources use and pollution.  Likelihood: High Scale: Regional Temp or perm: Perm Timing: Short to long term Significance of effect: Significant		water resources use and pollution.  Likelihood: High Scale: Regional Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	Short to long term Significance of effect: Significant	Cumulative effects The cumulative effects of all housing allocations within Oxfordshire, can lead to detrimental impacts on SAC's and SSSI's from air quality and water resources use and pollution.  Likelihood: High Scale: Regional Temp or perm: Perm Timing: Short to long term Significance of effect: Significant
	×	×	XX	xx	xx	xx
8. To improve efficiency in land use and to conserve and enhance the district's open spaces and countryside in particular, those areas designated for their landscape importance, minerals, biodiversity and soil quality.	The site is an airfield which is partially previously developed land.  There are no landscape designation constraints, the site is, however within open countryside and is relatively isolated.  Consultation response: The South Oxfordshire Landscape Assessment SPD (Atlantic Consultants) concludes on LCA3 the Clay Vale/ Undulating Open Vale that: areas of open landscape on elevated	The site is not within the Greenbelt or an AONB, it is greenfield land, and any removal of greenfield land can reduce the quality of the soil from surface runoff.  The site is within an SSSI impact zone as discussed above, resulting in potential negative effects if development were to take place  There are no landscape designation constraints.  There are no known mineral resources on the	The site is within the Oxford Greenbelt.  Within the site boundary the majority of the land is greenfield land, with the exception of the historic landfill sites and the sewage works, which are brownfield land.  A Greenbelt review (Sept 2015 ) has been undertaken and suggests the following:  The Sandford Sewage Works which lies within the site boundary, is suggested to be inset.	The site is greenfield land within the Oxford Greenbelt.  The Greenbelt function in this area is the contribution of the open countryside character of the higher ground to the green backdrop to Oxford.  A Greenbelt review (Sept 2015 ) has been undertaken and suggests the following:  The boundary could be revised in three potential areas (Areas 15, 16 and 17) north of the Bayswater	The site is greenfield land within the Oxford Greenbelt. A Greenbelt review (Sept 2015) has been undertaken and suggests boundary changes which are within this boundary.  Please see Local Green Belt Study for South Oxfordshire District Council Final Report Sept 2015 for further information.  An update to the LCA [Nov 2015] has been carried out which states: Potential harm to the	The site is greenfield land within the Oxford Greenbelt. The Greenbelt function in this area is the contribution of the open countryside character of the higher ground to the green backdrop to Oxford.  A Greenbelt review (Sept 2015 ) has been undertaken and suggests that despite having views of the city, the rural, and largely unsettled character of the parcel makes an important contribution to the perception that Oxford has not spilled over north of the A40. The area does

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	the vale (including airfield		containing structures and	Greenbeltreview for	Shotover, the rural	separation of towns,
	sites) are visually exposed	The site is within a nitrate	hard paving, including the	further details, Areas 15 &	approach to Oxford and	however it contributes in a
	and new development	protection zone.	access, all within a largely	16 & 17 have all be	the integrity of the open	small way to the
	would be highly prominent		well-defined and treed	assessed as separate	landscape east of Oxford.	separation of the small
	unless closely associated	There is a risk of flooding	boundary.	sites also in the Greenbelt	resulting in potential	village of Elsfield with
	with existing built form or	from the watercourses		sites section of this report.	significant negative	Oxford and the A40,
	well-integrated within new	which can reduce soil	Two potential areas to be		effects if development	though intervisibility is
	landscape frameworks.	quality.	taken out of the Greenbelt	Area 17 is within the	were to take place	limited. The Greenbelt
			(Area 3 and 4) have been	assessment boundary		review (Sept 2015, does
	The AONB can be	The River Thames is to	identified adjacent to the	comprises 2 fields, with	There is no risk of flooding	not suggest a change of
	affected adversely by, for	the north of the site,	Southern edge of Oxford	built form to the south and	within the site, however,	boundary for any parcels
	example, noise, air and	Latchford Brooke and	City and Sandford-on-	split by an access road to	any removal of greenfield	of land within this
	water pollution, loss of	Haseley Brooke surround	Thames.	a caravan park which	land can reduce the	boundary. Resulting in
	tranquillity, light spill over	the site – the site contains	Please see Local	forms the north eastern	quality of the soil from	potential significant
	previously dark	areas of flood zone 3,	Greenbelt Study for South	edge. Hedgerows and	surface run-off.	negative effects
	landscapes and	(see Obj 11 for further	Oxfordshire District	tree belts form the other		
	skyscapes, water	information), resulting in	Council Final Report Sept	boundaries.	There are no known	An LCA has not been
	abstraction to serve	potential negative effects	2015 for further		mineral resources on the	undertaken for this
	development, increased	if development were to	information.	Please see Local Green	site.	specific site boundary,
	recreation pressures etc.	take place		Belt Study for South		however the LCA
			The LCA states:	Oxfordshire District	The site is not agricultural	undertaken for Wick Farm
	Due to the relative	The site is not agricultural		Council Final Report Sept	land.	and the adjacent area to
	isolation of the site,	land.	1) Potential for harm to	2015 for further	Mitigation/enhancement:	the west which is partly
	tranquillity is likely to be		the Greenbelt and the	information.	The negative effects	included within this site
	reduced, resulting in	Tranquillity will be	rural character south of		identified above could	boundary states:
	potential negative effects	reduced for the	Oxford. However the site	The LCA states:	be improved by the	Potential to harm the rural
	if development were to	surrounding villages with	may have some potential	Potential to harm the rural	addition of mitigation,	setting of Oxford and
	take place.	the development of a 'new	for development subject to	setting of Oxford and	positive effects could	extensive area of open
	<u> </u>	town', the open gap of	landscape and visual	extensive area of open	also be enhanced.	countryside on rising
	There are no known	country-side between	mitigation;	countryside on rising		ground; Potential harm to
	mineral resources on the	villages and the M40 will	2) Value as green	ground; Potential harm to	Consider mitigation	northern approaches to
	site.	be closed, resulting in	infrastructure;	northern approaches to	measures to reduce	the city; resulting in
		potential negative effects	3) Part of this area may	the city; resulting in	impact on tranquillity.	potential significant
	The site is located with a	if development were to	have potential for housing	potential significant		negative effects if
	nitrate protection zone,	take place.	subject to landscape and	negative effects if	Landscape mitigation to	development were to take
	resulting in potential		visual mitigation;	development were to take	Thornhill Park and Ride is	place. Therefore it is
	negative effects if	Mitigation/enhancement:	4) This area is an	place.	needed, recommended by	currently assumed at this
	development were to take	The negative effects	important part of the open	The sites is within a	the LCA.	time that the impact will be
	place.	identified above could	landscape in retaining a	Groundwater Vulnerability	TI - I OA I	similar.
	There is a viet of the self of	be improved by the	rural approach to Oxford	Zone (GVA) and Surface	The LCA does not	The site of its with its a
	There is a risk of flooding	addition of mitigation,	and maintain the rural	Water Safeguard Zone/	recommend that the area	The sites is within a
	from surface water, which	positive effects could	setting of Oxford and	Nitrate Vulnerability Zone.	to be taken forward to	Groundwater Vulnerability
	can reduce soil quality,	also be enhanced.	nearby settlements but the		LCA Phase 2	Zone (GVA) and Surface
	resulting in potential	Consider militare tiere	most northerly area may	water flooding from the	assessment.	Water Safeguard Zone/
	negative effects if	Consider mitigation	have potential for housing	main rivers and Brooks,	Come ob availed in a station at the state	Nitrate Vulnerability Zone.
	development were to take	measures to reduce	subject to landscape and	within the proposed site.	Care should be taken that	There is a risk of surface
	place.	impact on tranquillity.	visual mitigation.	Resulting in potential	any suggested	water flooding from the
			<u> </u>	negative effects if	development does not	main rivers and brooks,

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	The LCA States: It is	A full detailed landscape	Potential significant	development were to take	have an adverse impact	within the proposed site.
	recommended that	and visual impact	negative effects are	place.	on the open character of	Resulting in potential
	Chalgrove Airfield is	assessment will be	identified.		the adjacent Green Belt.	negative effects if
	considered further as a	required to inform the final		Any reduction in		development were to take
	site option on landscape	capacity of the site.	There are no known	greenfield land may result	Encourage the use of	place.
	and visual grounds. The		mineral resources on the	in pollution from surface	permeable surfaces and	
	developable area covers	Encourage the use of	site.	run-off.	SuDS.	Any reduction in
	177 ha and is a reduced	permeable surfaces and				greenfield land may result
	part of the site to limit the	SuDS.	There is a very high risk of	There are no known	Cumulative effects	in pollution from surface
	impact on the most		surface water flooding	mineral resources on the	Without mitigation the	run-off.
	sensitive landscape	Cumulative effects	which can reduce soil	site.	cumulative and long term	<b>T</b>
	receptors around the site,	Without mitigation the	quality.		effects will have a	There are no known
	and to reduce the close,	cumulative and long term	Transmillity of the case	Mitigation/enhancement:	negative effect on the	mineral resources on the
	medium range and long	detrimental effects on	Tranquillity of the area	The negative effects	Greenbelt and tranquillity.	site.
	range visual impacts. It	landscape importance,	with be reduced, resulting	identified above could	Likelihood:	Mitigation/onbancoment.
	also allows for restoration	biodiversity and soil	in potential negative	be improved by the	High	Mitigation/enhancement:
	of the historic battlefield should the current	quality.  Likelihood:	effects if development	addition of mitigation,	Scale: District wide	The negative effects identified above could
	activities cease, and		were to take place	positive effects could also be enhanced.		be improved by the
	relocation of the	High Scale:	Mitigation/enhancement:	aiso de emianceu.	Temp or perm: Perm	addition of mitigation,
	brownfield area potential	District wide	The negative effects	Consider mitigation	Timing:	positive effects could
	to another part of the site.	Temp or perm:	identified above could	measures to reduce	Short to long term	also be enhanced.
	The preferred access	Perm	be improved by the	impact on tranquillity.	Significance of effect:	also be elillanced.
	point is from close to the	Timing:	addition of mitigation,	impaot on tranquinty.	Significant	Consider mitigation
	village within the stretch of	Short to long term	positive effects could	The LCA recommends		measures to reduce
	road already affected by	Significance of effect:	also be enhanced.	that only a very small part		impact on tranquillity.
	the built form of the	Significant		in the south-east of the		past on a single-maje
	village. A full detailed		Consider mitigation	site may be suitable and		A full detailed landscape
	landscape and visual		measures to reduce	subject to a review of the		and visual impact
	impact assessment will be		impact on tranquillity.	site's contribution to the		assessment will be
	essential to inform the			Green Belt. Care should		required to inform the final
	final capacity of the site in		The LCA recommends	be taken that any		capacity of the site.
	landscape terms.		that a small part in the	suggested development		Encourage the use of
	·		south-east of the site may	does not have an adverse		permeable surfaces and
	Consultation comments		be suitable and subject to	impact on the open		SuDS.
	received raise the		a review of the site's	character of the adjacent		
	following concerns: The		contribution to the Green	Green Belt.		Cumulative effects
	airfield being		Belt.			Without mitigation the
	topographically higher			A full detailed landscape		cumulative and long term
	already contributes to		Care should be taken that	and visual impact		detrimental effects on
	flooding in Chalgrove.		any Suggested	assessment will be		landscape importance,
	Issues relating to flooding		development does not	required to inform the final		biodiversity and soil
	are discussed in objective		have an adverse impact	capacity of the site.		quality.
	11 below.		on the open character of	Encourage the use of		Likelihood:
	The size is seen as the size of		the adjacent Green Belt.	permeable surfaces and		High
	The site is not agricultural		A full plate lie allegations	SuDS.		Scale:
	land.		A full detailed landscape	Cumulative affacts		District wide
	1	<u> </u>	and visual impact	Cumulative effects		Temp or perm:

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	Mitigation/enhancement:		assessment will be	Without mitigation the		Perm
	The negative effects identified above could		required to inform the final	cumulative and long term		Timing:
			capacity of the site.	detrimental effects on		Short to long term
	be improved by the		Engues abooing of	landscape importance,		Significance of effect:
	addition of mitigation,		Ensure phasing of	biodiversity and soil		Significant
	positive effects could		development occurs to	quality.		
	also be enhanced.		reduce noise impacts.	Likelihood:		
	Consider maiting tion		Encourage the use of	High		
	Consider mitigation		permeable surfaces and	Scale:		
	measures to reduce		SuDS.	District wide		
	impact on tranquillity.			Temp or perm:		
			Cumulative effects	Perm		
	LCA Recommendations:		Without mitigation the	Timing:		
	A full detailed landscape		cumulative and long term	Short to long term		
	and visual impact		detrimental effects on	Significance of effect:		
	assessment will be		landscape importance,	Significant		
	required to inform the final		biodiversity and soil			
	capacity of the site.		quality.			
	Restore the registered		Likelihood:			
	battlefield site (brownfield		High			
	land potential to be		Scale:			
	relocated elsewhere on		District wide			
	the site)		Temp or perm:			
	Create a substantive		Perm			
	buffer to the more		Timing:			
	sensitive landscapes and		Short to long term			
	listed buildings to the west		Significance of			
	Create a substantive		effect:			
	buffer to the more		Significant.			
	sensitive landscapes to					
	the north					
	Retain all good tree cover					
	and perimeter hedgerows					
	Major linear tree belt					
	planting to integrate the					
	development into the					
	landscape and break up					
	the built form					
	Open space to be located					
	to provide for					
	interpretation of the battle					
	site and retain open					
	setting to the Monument					
	Built form to be well					
	structured with a high					
	level of internal open					
	space					

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Substantive irregular		C. C	777072 1 041111	111041111111	201101 21011014
	landscape buffers to the					
	rural edge to incorporate					
	local on-site landscape					
	features (watercourses,					
	tree groups, hedgerows)					
	to create gentle transition					
	to the open countryside					
	The southern boundary					
	landscape treatment					
	should be designed to					
	integrate the development					
	with the adjacent					
	Chalgrove village, create					
	an attractive frontage to					
	the road and the village					
	and soften the built form					
	by breaking up the					
	development mass					
	Use of landscape					
	masterplanning to					
	carefully connect the					
	village with the new					
	settlement					
	Preferred access to be					
	well related to the existing					
	settlement and located to					
	minimise the impact of					
	highway infrastructure on					
	the adjacent open					
	countryside.					
	Ensure phasing of					
	development occurs to					
	reduce noise impacts.					
	Encourage the use of					
	permeable surfaces and					
	SuDS.					
	Cumulative effects					
	Without mitigation the					
	cumulative and long term					
	detrimental effects on					
	landscape importance,					
	biodiversity and soil					
	quality.					

CA Objectives	Ontion 4	Ontion 2	Ontion 2	Ontion 4	Ontion F	Ontion 6
SA Objectives	Option 1	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Chalgrove Airfield Likelihood:	Junction 7 M40	Grenoble Road	vvick Farm	Thornniii	Lower Eistleid
	High					
	Scale:					
	District wide					
	Temp or perm:					
	Perm					
	Timing:					
	Short to long term					
	Significance of					
	effect:					
	Significant.					
9. To conserve	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
and enhance	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
the district's	/ XX	√ XX	/ X	√ XX	/ X	✓ XX
historic	Chalgrove Battlefield lies	There are a number of	The site is within the	This part of the Greenbelt		
environment	between the hamlet of	historic settlements	Oxford Greenbelt. The	comprises agricultural	The site is greenfield land within the Oxford	This part of the Greenbelt comprises agricultural
including			Greenbelt is located within		Greenbelt.	
archaeological	Warpsgrove and the village of Chalgrove;	nearby: Great Haseley, Little Hasley, Tetworth		land, which forms part of the setting of a number of	Greenbeit.	land, which forms part of the setting of a number of
resources and	therefore significant	and Ardwell are the	the setting of a large number of designated	listed buildings.	Forest Hill Conservation	listed buildings.
to ensure that	heritage constraints exist	closest. Bothy Great	heritage assets. Although	listed buildings.	Area lies to the North of	listed buildings.
new	on the western edge of	Haseley and Little Hasley	not within the district, the	The land to the west of	the site.	The land to the west of
development is	Chalgrove Airfields,	have conservation areas	historic setting of Oxford	Bayswater Road forms	tile site.	Bayswater Road forms
of a high quality	resulting in significant	and these are very close	would need to be carefully	part of the historic	There are known	part of the historic
design and	negative effects if	to the site.	considered.	agricultural setting of Wick	archaeological constraints	agricultural setting of Wick
reinforces local	development where to	to the site.	considered.	Farm.	within the site and	Farm, which is adjacent to
distinctiveness.	occur here without	There are known	Any additional	T GIIII.	adjacent to the site	the site on the south east
	mitigation.	archaeological constraints	development would,	The land to the east of	boundary.	of the boundary.
	·······gatio····	within the site and	however, be located in an	Bayswater Road makes	Dearrad.y.	or and boundary.
	The Council will ensure	adjacent to the site	area of landscape that	less of a contribution	The Council will ensure	The land to the east of
	that all new development	boundary, further	includes significant 20 <sup>th</sup>	although further work is	that all new development	Bayswater Road makes
	complies with the South	investigative works would	century residential	needed to determine the	complies with the South	less of a contribution
	Oxfordshire Design	need to be carried out to	development, electricity	archaeological potential	Oxfordshire Design	although further work is
	manual. Which will require	prevent potential	pylons and other	associated with the	manual. Which will require	needed to determine the
	high quality design and	significant negative	structures and as such its	probable location of the	high quality design and	archaeological potential
	materials, sensitive	effects.	contribution to the	medieval settlement of	materials, sensitive	associated with the
	building heights and		significance of these	Stowford and the water	building heights and	probable location of the
	would have to preserve	Latchford House is a	heritage assets has been	management system	would have to preserve	medieval settlement of
	and consider the impact	grade 2 listed building,	diminished.	associated with Bayswater	and consider the impact	Stowford and the water
	on the historic	located within the site and		Mill.	on the historic	management system
	environment.	there are a number of	Shakespeare's Way		environment.	associated with Bayswater
		listed buildings, which	National Trail is adjacent	There are a number of		Mill.
	Mitigation:	could be impacted by any	to the northern part of the	conservation areas	Mitigation:	
	The negative effects	development surrounding	site.	surrounding the site:	The negative effects	Elsfield conservation area
	identified above could	the site.		Elsfield, Stanton St John	identified above could	is within the site boundary
	be improved by the		The Toot Baldon	and Beckley.	be improved by the	and there are a number of
	addition of mitigation,	The Council will ensure	Conservation Area is		addition of mitigation,	conservation areas
		that all new development	located to the south of the			surrounding the site:

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	positive effects could	complies with the South	site, there are a number of	Therefore potential	positive effects could	Stanton St John and
	also be enhanced.	Oxfordshire Design	archelogy constraints	significant negative	also be enhanced.	Beckley.
		manual. Which will require	within and adjacent to the	effects may occur.	A predetermination	
	A predetermination	high quality design and	site.	,	archaeological desk-	Therefore potential
	archaeological desk-	materials, sensitive		There are known	based assessment and	significant negative
	based assessment and	building heights and	The Council will ensure	archaeological constraints	evaluation should be	effects may occur.
	evaluation should be	would have to preserve	that all new development	within the site boundary,	undertaken to establish a	
	undertaken to establish a	and consider the impact	complies with the South	therefore potential	suitable and appropriate	There are known
	suitable and appropriate	on the historic	Oxfordshire Design	significant negative	level of mitigation.	archaeological constraints
	level of mitigation.	environment.	manual. Which will require	effects may occur.	and the state of t	within the site boundary,
	To to to thing a morn		high quality design and	and the second	Ensure the design manual	therefore potential
	Historic England	Mitigation:	materials, sensitive	The Council will ensure	is implemented.	significant negative
	recommend the following:	The negative effects	building heights and would	that all new development	lo implementos.	effects may occur.
	recommend the following.	identified above could	have to preserve and	complies with the South	Historic England	Chects may occur.
	Oxfordshire Historic	be improved by the	consider the impact on the	Oxfordshire Design	recommend the	
		addition of mitigation,	historic environment.	manual. Which will require	Oxfordshire Historic	The Council will ensure
	Landscape Characterisation	positive effects could	Thistoric environment.	high quality design and	Landscape	that all new development
		also be enhanced.	Mitigation:	materials, sensitive	Characterisation should	complies with the South
	should be used to	aiso de emianceu.	The negative effects	building heights and	be used to inform the	Oxfordshire Design
	inform the layout of	A prodotormination	identified above could			J
	any new	A predetermination		would have to preserve	layout of any new	Manual. Which will require
	settlement,	archaeological desk-	be improved by the	and consider the impact	settlement.	high quality design and
	This assessment	based assessment and	addition of mitigation,	on the historic		materials, sensitive
	may require more	evaluation should be	positive effects could	environment.	Ourseletine offeets	building heights and would
	than a desk-based	undertaken to establish a	also be enhanced.	Mitimation	Cumulative effects	have to preserve and
	assessment and	suitable and appropriate	A man data main ation	Mitigation:	The district's historic	consider the impact on the
	evaluation and	level of mitigation.	A predetermination	The negative effects	environment including	historic environment.
	should consider		archaeological desk-	identified above could	archaeological resources,	
	both above and	Ensure the design manual	based assessment and	be improved by the	could be impacted from	Mitigation:
	below-ground	is implemented.	evaluation should be	addition of mitigation,	any development.	The negative effects
	features and		undertaken to establish a	positive effects could	Likelihood:	identified above could
	remains.	Historic England	suitable and appropriate	also be enhanced.	High	be improved by the
		recommend the	level of mitigation.	A predetermination	Scale:	addition of mitigation,
	Ensure the design manual	Oxfordshire Historic		archaeological desk-	District	positive effects could
	is implemented.	Landscape	Ensure the design manual	based assessment and	Temp or perm:	also be enhanced.
	Cumulative effects	Characterisation should	is implemented.	evaluation should be	Perm	A predetermination
	The district's historic	be used to inform the		undertaken to establish a	Timing:	archaeological desk-
	environment including	layout of any new	Historic England	suitable and appropriate	Short to long term	based assessment and
	archaeological resources,	settlement.	recommend the	level of mitigation.	Significance of effect:	evaluation should be
	be impacted from any		Oxfordshire Historic		Significant	undertaken to establish a
	development.		Landscape	Ensure the design manual		suitable and appropriate
	Likelihood:	Cumulative effects	Characterisation should	is implemented.		level of mitigation.
	High	The district's historic	be used to inform the			
	Scale:	environment including	layout of any new	Historic England		Ensure the design manual
	District	archaeological resources,	settlement.	recommend the		is implemented.
	Temp or perm:	could be impacted from		Oxfordshire Historic		
	Perm	any development.		Landscape		Historic England
	Timing:	Likelihood:	Cumulative effects	Characterisation should		recommend the
	Short to long term	High		be used to inform the		Oxfordshire Historic
	Chort to long term	la	1	22 4004 10 111101111 1110	l	2,00,00,000

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Significance of effect: Significant.	Scale: District Temp or perm: Perm Timing: Short to long term Significance of effect:	The district's historic environment including archaeological resources, could be impacted from any development.  Likelihood: High	layout of any new settlement.  Cumulative effects The district's historic environment including		Landscape Characterisation should be used to inform the layout of any new settlement.
		Significant.	Scale: District Temp or perm: Perm Timing: Short to long term Significance of effect: Significant	archaeological resources, could be impacted from any development.  Likelihood: High Scale: District Temp or perm: Perm Timing: Short to long term Significance of effect: Significant		Cumulative effects The district's historic environment including archaeological resources, could be impacted from any development. Likelihood: High Scale: District Temp or perm: Perm Timing: Short to long term Significance of effect: Significant
10. To seek to	✓ X  New development offers the	x e opportunity to implement s	yustainable design principles	√ x resulting potential positive effective effective in the positive in t	✓ X	✓ X
address the	Trow development energial	o opportunity to imploment	actamable accign principles,	reculting perential poeters on	ooto.	
causes and effects of			nal dwellings will put pressure sustainable design principles	e on resource use including: en will be implemented.	ergy, water capacity and	sewage capacity, resulting in
causes and effects of climate change by: a) securing	potential negative effects.  Mitigation:	It is however assumed that	sustainable design principles			sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building	potential negative effects.  Mitigation:	It is however assumed that tified above could be impr	sustainable design principles	will be implemented.		sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water	potential negative effects.  Mitigation: The negative effects iden Include SuDS in all designs Promote sustainable building	It is however assumed that  tified above could be improse.  and practices which conserve	sustainable design principles  oved by the addition of mit  energy, water resources and	will be implemented.  igation, positive effects could		sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water resources and	potential negative effects.  Mitigation: The negative effects iden Include SuDS in all designs Promote sustainable building	It is however assumed that tified above could be improx.	sustainable design principles  oved by the addition of mit  energy, water resources and	will be implemented.  igation, positive effects could		sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water resources and materials; b) protecting,	potential negative effects.  Mitigation: The negative effects iden Include SuDS in all designs Promote sustainable buildir Consider implementing dec	It is however assumed that  tified above could be improse.  In practices which conserve centralised energy. For example,	sustainable design principles  oved by the addition of mit  energy, water resources and	will be implemented.  igation, positive effects could materials.		sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water resources and materials; b) protecting, enhancing and improving our water supply	potential negative effects.  Mitigation: The negative effects iden Include SuDS in all designs Promote sustainable buildir Consider implementing dec Continue to work with Than Cumulative effects Development will not be su Lack of appropriate sewage	It is however assumed that  tified above could be improse.  In practices which conserve centralised energy. For example,	sustainable design principles  oved by the addition of mit  energy, water resources and  ple: CHP  and sewage capacity is maintal  s resource use continues.	will be implemented.  igation, positive effects could materials.		sewage capacity, resulting in
causes and effects of climate change by: a) securing sustainable building practices which conserve energy, water resources and materials; b) protecting, enhancing and improving our	potential negative effects.  Mitigation: The negative effects iden Include SuDS in all designs Promote sustainable buildir Consider implementing dec Continue to work with Than Cumulative effects Development will not be su	It is however assumed that  tified above could be improse.  In a practices which conserve centralised energy. For examines water to ensure water as stainable in the long term as	sustainable design principles  oved by the addition of mit  energy, water resources and  ple: CHP  and sewage capacity is maintal  s resource use continues.	will be implemented.  igation, positive effects could materials.		sewage capacity, resulting in

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
renewable sources; and d) ensuring that the design and location of new development is resilient to the effects of climate change	Perm Timing: Short to long term Significance of effect: Significant.					
	X	XX	0 x	X	0 x	XX
11. To reduce the risk of, and damage from, flooding.	Site is not within a floodplain and is partially previously developed land, however further development here is likely to increase hard surfaces, which can result in surface water flooding.  Consultation comments received raise the following concerns: The airfield being topographically higher already contributes to flooding in Chalgrove.  A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.	The site is greenfield land, any removal of greenfield land will increase hard surfaces, which can result in surface water flooding. Potential significant negative effects have been identified due to the following: Part of the site is within flood zone 2 & 3. Flood data obtained from the Environment Agency (EA) indicates that water levels associated with a 1% Annual Exceedance Probability (AEP)* flood event will break banks and extend into land designated as functional floodplain. This subsequently forms a constraint to developable areas and will require consideration as the masterplan develops.  Any proposed works that will impact on flood storage capacity must be minimised to ensure that the EA are satisfied with the proposed development. As the EA usually require level for level flood compensation.	Site is not within a floodplain, however the site is greenfield land, any removal of greenfield land will increase hard surfaces, which can result in surface water flooding. The site is within a Nitrate Vulnerability Zone.  A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.	The site is greenfield land, any removal of greenfield land will increase hard surfaces, which can result in surface water flooding.  The sites is within a Groundwater Vulnerability Zone (GVA) and Surface Water Safeguard Zone/ Nitrate Vulnerability Zone. There is a risk of surface water flooding from the main rivers and brooks, within the proposed site.  Part of the site is within flood zone 2 & 3 A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.	Site is not within a floodplain, however the site is greenfield land, any removal of greenfield land will increase hard surfaces, which can result in surface water flooding. A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.	A large section of the western boundary is within flood zone 2 & 3, resulting in significant negative effects if development were to occur.  The site is greenfield land, any removal of greenfield land will increase hard surfaces, which can result in surface water flooding.  The sites is within a Groundwater Vulnerability Zone (GVA) and Surface Water Safeguard Zone/ Nitrate Vulnerability Zone. There is a risk of surface water flooding from the main rivers and brooks, within the proposed site. A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
		A SFRA level 1 will ensure that the developable areas of any of these strategic allocations are within flood zone 1 only.				
	No development should tak A, A FRA will be required to so prevention and resilience to Include SuDS in all designs Cumulative effects Development will not be su Likelihood: High Scale: District Temp or perm: Perm Timing: Short to long term	<u> </u>	2 & 3 on the site. s.Encourage green infrastruc	cture and biodiversity enhanc	ement schemes; these are b	peneficial to flood
12.To seek to	Significance of effect: High Significant. Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
minimise waste	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm & Barton	Thornhill	Lower Elsfield
generation and	X	x	X	<b>X</b>	X	X
encourage the reuse of waste through recycling, compost, or energy recovery.	Mitigation: The Site Waste Manageme considered to be good practional Cumulative effects	ousing, will lead to construction ent Plans Regulations (2008) we ctice uction and demolition waste, th	rere repealed on 1 Decembe	er 2013. Although no longer a		

SA Objectives	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
OA OBJOURIOS	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm	Thornhill	Lower Elsfield
	Significant.				11101111111	
13. To assist in the	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
development of:	Chalgrove Airfield	Junction 7 M40	Grenoble Road	Wick Farm & Barton	Thornhill	Lower Elsfield
e) high and	√ x	✓	✓	✓	<b>√</b>	
stable levels of	Additional housing will	The north western part of	The site is located 4 miles	The site is located 3miles	The site is located 3miles	The site is located 5 miles
employment	increase the population	the district is an area	from Oxford. To the south	from Oxford.	from Oxford.	from Oxford.
and facilitating	and maintain and	where there is significant	of the site are a number of			
inward	enhance the rural	economic investment and	villages that may benefit	The wider Headington	The wider Headington	The wider Headington
investment; f) a strong,	economy, by supporting	employment centred	from development nearby,	area also provides a	area also provides a	area also provides a
f) a strong, innovative and	and enhancing the larger	around Oxford. This site is	resulting in potential	range of employment	range of employment	range of employment
knowledge-	villages especially	located adjacent to the	positive effects.	opportunities linked to the	opportunities linked to the	opportunities linked to the
based	Chalgrove, resulting in potential positive effects.	M40 and is 13 miles from Oxford, resulting in	The site is located close to	area's hospitals and Oxford Brooks University	area's hospitals and Oxford Brooks University	area's hospitals and Oxford Brooks University
economy that	potential positive effects.	potential positive effects.	areas of future	in particular, while	in particular, while	in particular, while
deliver high-	Monument Park, business	potential positive effects.	employment growth. This	Headington is also well-	Headington is also well-	Headington is also well-
value-added,	park is located across the	This is a large sites	includes Oxford Business	connected to the city	connected to the city	connected to the city
sustainable,	road on Warpsgrove Lane	comprising of 500Ha,	park, Oxford Science Park	centre, where significant	centre, where significant	centre, where significant
low-impact	and provides 17 hectares	there is opportunity to	and	job creation is expected,	job creation is expected,	job creation is expected,
activities;	of B1 and B2 employment	develop a mix use	Harrow Road Industrial	resulting in potential	resulting in potential	resulting in potential
g) small firms,	uses and could provide	development with	Estate, as well as future	positive effects.	positive effects.	positive effects.
particularly those that	employment opportunities	additional employment	expansion by BMW,			
maintain and	for new residents, if the	opportunities, resulting in	resulting in potential	There are similificant	The site is well connected	This is a large site
enhance the	business park was expanded resulting in	potential positive effects.	positive effects.	There are significant levels of dissatisfaction	to Oxford and for road links to London.	comprising of 625 Ha, there is opportunity to
rural economy;	potential positive effects.	There are significant	This is a large site	and frustration with	illiks to Loridon.	develop a mix use
and	potential positive enects.	levels of dissatisfaction	comprising of 300Ha,	current broadband		development with
h) thriving	Didcot and Milton Park	and frustration with	there is opportunity to	provision in South	There are significant	additional employment
economies in	provide access to	current broadband	develop a mix use	Oxfordshire. The lack of	levels of dissatisfaction	opportunities, resulting in
market towns	employment, however	provision in South	development with	adequate broadband	and frustration with	potential positive effects.
and villages	access is limited. There is	Oxfordshire. The lack of	additional employment	services has a direct	current broadband	
	no direct public transport	adequate broadband	opportunities, resulting in	impact on local	provision in South	There are significant
	journey time is 1.5hrs;	services has a direct	potential positive effects.	businesses and the	Oxfordshire. The lack of	levels of dissatisfaction
	compared to a car journey	impact on local	Th	economy and hence there	adequate broadband	and frustration with
	of 30 minutes, resulting in	businesses and the	There are significant levels of dissatisfaction	is a need for fast and reliable access to the	services has a direct	current broadband provision in South
	potential negative effects.	economy and hence there is a need for fast and	and frustration with	internet and mobile phone	impact on local businesses and the	Oxfordshire. The lack of
	enects.	reliable access to the	current broadband	communications.	economy and hence there	adequate broadband
	The airfield is primarily	internet and mobile phone	provision in South	communications.	is a need for fast and	services has a direct
	used by the Martin-Baker	communications.	Oxfordshire. The lack of		reliable access to the	impact on local
	company for testing		adequate broadband		internet and mobile phone	businesses and the
	ejector seats, Initial		services has a direct		communications.	economy and hence there
	proposals suggest that		impact on local			is a need for fast and
	their operation could		businesses and the			reliable access to the
	continue, however		economy and hence there			internet and mobile phone
	relocation may be		is a need for fast and			communications.
	required.		reliable access to the			
			internet and mobile phone communications.			
			communications.			

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Chalgrove has fibre broadband as part of Better Broadband Oxfordshire, therefore there is currently no issue with broadband speed, however there is an issue with mobile phone connectivity.  Mitigation: The negative effects ident Encourage local work force Encourage green and eco to Work with service providers	ified above could be impro and on the job skill training the echnologies, this will lead to to ensure a fast and reliable sult of housing development	ved by the addition of mitigorough-out the development an increase in skills locally ar	gation, positive effects coulof new housing. Indicate a saist in developing new boobile phone communications	Id also be enhanced. usinesses.	
	effect:					
14. To support the	Significant <b>0</b>	0	0	0	0	0
development of Science Vale as an internationally recognised innovation and enterprise zone by: a. attracting new high value businesses; b. supporting innovation and enterprise; c. delivering new jobs; d. supporting and accelerating the	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield		
delivery of new homes; and e. developing and improving infrastructure across the Science Vale area.								
15. To assist in the	0	0	0	0	0	0		
development of a skilled workforce to support the long term competitiveness of the district by raising education achievement levels and encouraging the development of the skills needed for everyone to find and remain in work.	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact	No Direct Impact		
16. To encourage	Y	Y	Y	Y	Y	Y		
the development of a buoyant, sustainable tourism sector.	Areas of open country-side can be affected adversely by, for example, noise, air and water pollution, loss of tranquillity, light spill over previously dark landscapes and skyscapes and increased recreation pressure. Therefore without mitigation potential negative effects towards tourism may occur.  Mitigation/enhancement:							
	District wide Temp or perm: Perm							

SA Objectives	Option 1 Chalgrove Airfield	Option 2 Junction 7 M40	Option 3 Grenoble Road	Option 4 Wick Farm	Option 5 Thornhill	Option 6 Lower Elsfield
	Timing: Short to long term Significance of effect: Significant.					
17. Support	<b>//</b>	<b>//</b>	<b>//</b>	<b>//</b>	<b>//</b>	<b>//</b>
community involvement in decisions affecting them and enable communities to provide local services and solutions.	The Council has involved the community in the decision making process.  Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process.  Mitigation: Continue to work with the local community.	The Council has involved the community in the decision making process. The proximity of the site to Oxford would require community involvement from Oxford City residents as well as South Oxfordshire residents.  Mitigation:	The Council has involved the community in the decision making process. The proximity of the site to Oxford would require community involvement from Oxford City residents as well as South Oxfordshire residents.	The Council has involved the community in the decision making process. The proximity of the site to Oxford would require community involvement from Oxford City residents as well as South Oxfordshire residents.	The Council has involved the community in the decision making process. The proximity of the site to Oxford would require community involvement from Oxford City residents as well as South Oxfordshire residents.
			Continue to work with the local community.	Mitigation: Continue to work with the local community.	Mitigation: Continue to work with the local community.	Mitigation: Continue to work with the local community.