Deadline 4

Responses to Hearing Actions Points required for Deadline 4

Application Document: 8.48

Planning Inspectorate Reference Number: EN070005

Revision No. 1.0

January 2020



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Table 1.1: Applicants response to Action Point

Action No.	Action:	Applicant response to Action:
ISH1-19	Requirement 12 – outline LEMP to be provided indicated aiming to submit at Deadline 4 (30 January 2020). Local Authorities requested discussions about its scope and early sight of drafts	The Applicant has provided an outline LEMP at Deadline 4 (Document Reference 8.50).
ISH2-3	Submission of an outline Landscape and Environmental Management Plan (LEMP)	The Applicant has provided an outline LEMP at Deadline 4 (Document Reference 8.50).
ISH2-39	SDNPA and the Applicant to provide further information on the proposals for the Persuasion hedge and details of how the measures required for its retention/protection would be secured	



Action No.	Action:	Applicant response to Action:
ISH3-2	When the change request to reduce the number of logistics hubs from six to two is submitted it should be accompanied by an amended Transport Assessment to reflect the change in transport movements that would occur from reducing the number of hubs	
ISH3-3	Applicant to consider whether a haul road between Balmoral Drive and St Catherine's Road would be possible to potentially negate the need for a construction compound on St Catherine's Road Suitable Alternative Natural Greenspace (SANG)	The Applicant has considered the potential and responds accordingly: Balmoral Drive and St Catherine's Road sit at significantly different elevations and there is no evidence to suggest that the roads have been connected in the past. The elevations are 78m and 84m, respectively, which equates to a 6m difference in elevation. The Applicant will be undertaking works to install a drop shaft/cofferdam, either by installing a concrete caisson or sheet-piled structure at the end of Balmoral Drive, to undertake the transition of the replacement pipeline from beneath Balmoral Drive to run beneath St Catherines Road, whilst being able to avoid the existing fuel lines and other buried utilities in the location. The works to install the drop shaft/cofferdam will involve 'heavy' civil engineering works – small piling rigs and shaft excavation plant such as long-reach excavators. These works will be required regardless of whether a haul road is installed or not. To create a haul road between the two roads, a ramp would have to be built, involving a second programme of significant civil engineering works. The complexity of this work
		would also need to ensure that the two elements can operate at the same time. To further complicate the works, the haul road will need to be positioned such that the open cut installation that will be used to install the pipeline in both Balmoral Drive and St Catherines Road can still be undertaken efficiently and safely.

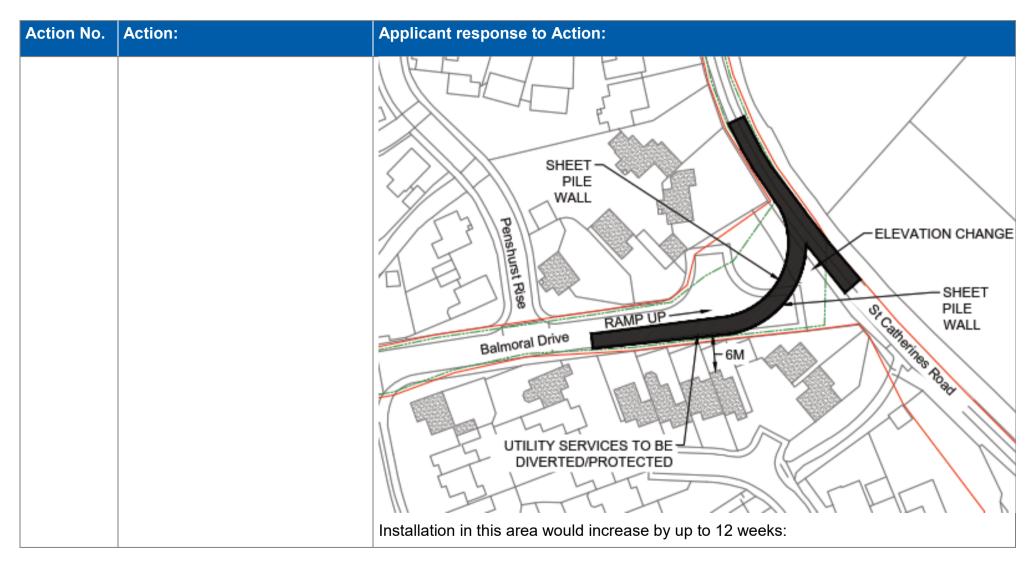
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Action No.	Action:	Applicant response to Action:					
		How the haul road would be installed					
		To build the haul road, signficant civil works would be required which would comprise:					
		• temporary sheet piles – or alternatives such as gabions or similar – two rows to build up road profile – elevation 78m to 84m – which equates to a 6m rise;					
		total length of 80m;					
		there would be a need for surface water drainage to be installed and connected to the local highway drains or sewer;					
		the haul road surface would potentially need to be of a higher specification than a crushed stone finish, but not necessarily a full depth wearing course, in which case a subsurface finish would need to be laid; and					
		 protection and diversion of HV cables, BT cables and chambers, and existing fuel lines would need to be undertaken. 					

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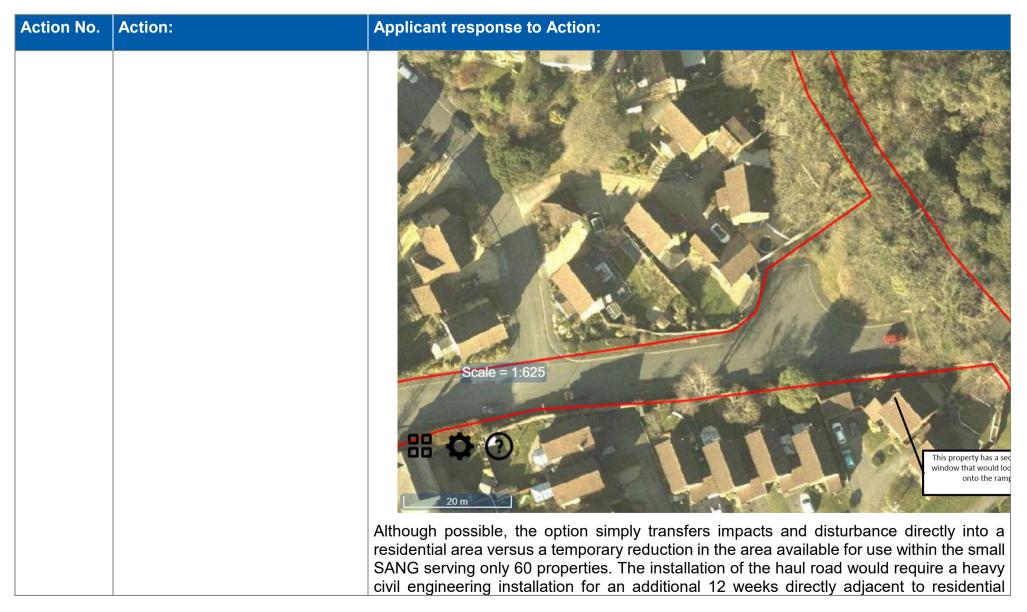
Action No.	Action:	Applicant response to Action:					
		 There would be increased interaction with other services, as additional protection would be required due to the heavy civil engineering works required to the following: 					
		> Two existing buried fuel lines;					
		HV cable in St Catherines Road;					
		HV cable joint location in St Catherines Road;					
		LV cable in St Catherines Road; and					
		BT cables and buried chambers in Balmoral Drive.					
		The estimated duration to install the haul road would be in the region of six to seven weeks:					
		protection or diversions of BT cables (potentially just protection to each chamber) one week;					
		protection to HV cables and existing fuel lines in St Catherine's Road: one week;					
		 installation of Larssen sheet piles – two walls circa 60m (100 piles) and 70m (120 piles) in length @ 600mm width, a total of 220 piles at ~ 16 piles per day: >two weeks; 					
		backfill and build up type 1 and fill including drainage: 2 weeks; and					
		handrailing and topping off = one week.					
		 Decommissioning and ramp removal would be the reverse of above, infill removed and piles pulled out, followed by making good footpaths and road surfaces, and reinstatement of the support wall to St Catherines Road. 					

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Action No.	Action:	Applicant response to Action:					
		Impacts relating to installation of the haul road:					
		 The impact on the mature Tree Protection Order trees between the two roads will be far greater than the current proposal which would simply pass the pipe through the band of woodland at the end of Balmoral Drive. 					
		Heavy civil engineering works would take place near to residential properties.					
		 At least one property has a second-floor window that would look directly onto the elevated ramp, at a distance of approximately 6m. 					
		Dust, noise and vibration would increase in this area. A full assessment would be required to understand the likely significance of these impacts.					
		There would be an increase in the number of vehicle movements along Balmoral Road to facilitate the construction and deconstruction of the ramp.					
		 The removal of the haul road would create higher volume of waste material to be managed (as a result of the substantial earthworks required to create the ramp). 					







Action No.	Action:	Applicant response to Action:
		properties, plus additional extended ongoing disturbance on Balmoral Drive for the full duration of the combined works in both Balmoral Drive and St Catherines Road for the local residents, the place of worship (Frimley Baptist church) and the commercial businesses, which are located in close proximity to the Balmoral Drive compound.
		The Applicant believes that the nature and scale of the impacts for the residents of Balmoral Drive and the adjacent residential streets that are served by Balmoral Drive, is likely to be greater than for the 60 properties who will have a reduced area available for recreation but have the adjacent Frith Hill for recreation for the duration of the works.
ISH3-12	Outline Construction Traffic Management Plan to be developed to include access, traffic and parking management during the construction period. Revised and expanded CTMP to be submitted	The Applicant has provided an outline CTMP at Deadline 4 (Document Reference 8.49)
ISH3-16	Provide details of amended construction access to Fordbridge Park, avoiding Celia Crescent but utilising the existing acess on Woodthorpe Road, with the agreement of Spelthorne Council.	The Applicant considered access arrangements to the works in the park as part of the original route selection process during 2018 /19. In discussing the access arrangements with Surrey Highways Authority and Spelthorne Borough Council prior to the application, there was a preference not to access the works from Woodthorpe Road because this is a busy local road with a regular bus service.
	In addition, submit details of how the use of this revised access arrangement would affect the	The Applicant considered the ExA's request and this was reported back in Action 37 at Deadline 3 (REP3-013). At the Issue Specific Hearing on 4 December 2019, the Applicant agreed to reconsider access to the park from Woodthorpe Road. The Applicant has consulted with both Spelthorne Borough Council and Surrey Highways Authority and will report to the Examining Authority through Statements of Common Ground that both are



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	order limits and the draft Development Consent Order	supportive of Celia Crese		f a Woodthorpe	oodthorpe Road access being used to replace the access from					
		No change or additional powers would be sought to the DCO to allow for acces Woodthorpe Road. The following explanation will be included within the CTMP ar Specific Plan for Fordbridge Park:								
		The Applicant will use its reasonable endeavo Woodthorpe Road into Fordbridge Park. This will Authority and voluntary land rights from Spelthorr is outside of the Order Limits. If this alternative a agrees it will not use Celia Crescent as a vehicular Applicant does not propose to alter the Order lim under the DCO, since the use of Celia Crescent arrangement is not agreed.					permit fr Counci been se ute into f nd the p	om Surrey Highways I as the relevant land ecured, the Applicant Fordbridge Park. The owers / rights sought		
ISH3-23	Plan to be provided to show the location of construction compounds and the areas of the pipeline to which they relate	015), the associated plans are attached (See Figure 1 below). The plans identify the								
		Compound	GA /Work							
		Ref	Plan	Rural/Urban	From	To	Length			
		4A	1	Rural	START TC001	TC001 RDX004	42	51		
		4B 4C	2	Rural Rural	TC001 RDX004	RDX004	60 32	62 75		
		4C 4D	4	Rural	RDX004	RDX007	44	69		
		4E	4	Rural	RDX007	RDX 012	49	56		



Action No.	Action:	Applicar	it response	to Action:				
		4F		No longer required				
		4G	9	Rural	RDX012	RDX015	50	48
		4H	9	Rural	RDX015	TRX011	42	53
		41	11	Rural	TRX011	RDX016	43	52
		4 J	11	Rural	RDX016	TC004	43	53
		4K	12	Rural	TC004	TRX015	53	42
		4L	15	Rural	TRX015	TRX017	40	50
		4M	16	Rural	TRX017	TRX018	32	42
		4N	19	Rural	TRX018	WDBX012	56	37
		40	20	Rural	WDBX012	WCX012	66	52
		4P	21	Rural	WCX012	SVX004	40	53
		4Q	23	Rural	SVX004	TC008	51	38
		4R	23	Rural	TC008	RDX036	80	107
		45	24	Rural	RDX036	RDX038	52	34
		4T	25	Rural	RDX038	RDX042	52	66
		4U	28	Rural	RDX042	RDX044	53	41
		4V	29	Rural	RDX044	TC010	68	50
		4W	29	Rural	TC010	RDX047	68	39
		4X	30	Rural	RDX047	WCX034	60	42
		4Y	30	Urban	WCX034	RDX051	67	48
		4Z	31/102	Urban	RDX051	WCX038	42	59
		4AA	32	Rural	WCX038	RDX055a	25	39
		4AB	33	Urban	RDX055a	RDX057	52	24
		4AC	33	Urban	RDX057	RDX059	32	52

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Action No.	Action:	Applican	t response	to Action:				
		4AD	34/104	Urban	RDX059	TC020	29	62
		4AE	34/105	Urban	TC018	RDX060	25	25
		5A	36/113	Urban	TC020	RDX061a	43	43
		5B	36/112	Urban	RDX061a	RDX061b	72	22
		5C	36/113	Urban	RDX061b	PROW082	55	40
		7A	36/37	Urban	PROW082	RDX071	150	20
		5D	38	Urban	RDX071	RDX071a	95	10
		5E	41	Urban	RDX071a	WCX066	64	45
		5F	42	Urban	WCX066	RDX072d	59	42
		5G	43	Urban	RDX072d	RDX072f	73	32
		5H	43	Rural	RDX072f	TC024	40	20
		51	44	Rural	TC024	WCX076	80	40
		5J	45	Urban	WCX076	TC027	75	42
		5K	46	Urban	TC027	TC028	30	24
		5L	47	Urban	TC028	TC030	47	45
		5M	47	Urban	TC030	WCX095	51	31
		5N	49	Urban	WCX095	TC035	53	45
		50	50	Urban	TC035	RDX063	47	50
		5P	50	Urban	RDX063	WCX102d	48	50
		5Q	52/121	Urban	WCX102d	HCX268	93	113
		5R	53/123	Urban	HCX268	RDX067	30	57
		5S	53/123	Urban	RDX067	RDX068	47	35
		5T	53/123	Urban	RDX068	END	53	33



Action No.	Action:	Applicant response to Action:
ISH3-26	Submission of an outline strategy for surface and foul water drainage	The Applicant has provided an Outline Strategy for Surface and Foul Water Drainage at Deadline 4 (Document Reference 8.53).
CAH1-04		rights such as easements or other restrictions where the Crown has a Category 2 interest are listed in Part 1 and Part 3 of the BoR.

Southampton to London Pipeline Project

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Figure 1: Plans Showing Construction Compounds and the area they serve

