## Minutes of Oakington & Westwick Parish Council Planning Meeting held at Oakington Sports Pavilion, Queens Way, Oakington Monday 15 August 2022 at 7.30pm

Agenda	Present: Cllrs S Moore (Chair), T Starling, D Reeves, J Grove, M Davidson, W	Action
No:	Bailey. In attendance: Andrew Dennis, Flood Mitigation Group. 1 member of the	
	public.	
	Clerk: L Lawrence.	
22/P15	APOLOGIES FOR ABSENCE	
	Cllr J Bailey (personal), Cllr R Pinter (personal)	
22/P16	DECLARATIONS OF INTEREST AND DISPENSATIONS	
22/P17	None declared.  PUBLIC OPEN SESSION	
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	No matters raised by the member of the public.	
22/P18	NORTHSTOWE PHASE 3A – GROUND WATER & DRAINAGE	
	Chair welcomed Stephen Kelly, Joint Director Greater Cambridge Planning.	
	Ground water	
	Chair outlined the concerns raised that Phase 1 works had reduced ground	
	water levels in Longstanton parish. Cllr Reeves had attended a Homes	
	England Northstowe meeting where it was mentioned that water levels would be deliberately lowered by 2 metres during Phase 3A construction. Chair	
	stated that Homes England (HE) had not yet responded to requests for	
	timescales on data on the bore hole monitoring required for Phase 3A. Parish	
	Council sought information on why it is necessary to lower water levels and the	
	potential impact on Oakington.	
	Mr Kelly responded by first providing an overview of the water assessments for the Phase 1 application. A degree of ground water monitoring was done as	
	part of the environmental assessment. However, the main concern at the time	
	was the risk of surface water flooding to neighbouring parishes. A system of	
	swales was implemented to mitigate this. In 2018 there were increasing	
	concerns about the impact of P1 on Kingfisher pond, Longstanton which had	
	not recovered from dewatering. At the time neither planning permission nor Environment Agency (EA) consent was required to pump out unlimited	
	amounts of water. That work should have resulted in a temporary reduction of	
	ground water levels. SCDC paid for Longstanton PC to commission H R	
	Wallingford to look at why the water has not come back. They said it is unlikely	
	to be just climatic conditions. If it can be determined that there is something	
	wrong with system implemented, if might be necessary to look at mitigation measures. Comparing the depth of swales 'as built' with approved plans it	
	appears to be in accordance with the design. The Planning authority can only	
	take action against things not built in accordance with the plans. Northstowe	
	Town Council(NTC) highlighted that water levels appear to be a bit lower	
	nearer the Barretts site. A site visit check has shown some water flowing	
	where there shouldn't be but not a huge quantity and a CCTV survey did not show an unconnected surface water drain. However, SCDC is continuing to	
	look into the potential cause. There have been suggestions that	
	Gallaghers/HE have been pumping out the river terrace deposits to fill up the	
	water park. They dispute this and say they have been pumping water between	

the two ponds to lower levels to allow them to complete works. NTC is also looking into the impact of the A14 works.

In respect of Phase 2, Arcadis have done further investigations into ground water and have stated that the underlying geology changes away from P1 to P2 and the levels will be adjusted. The water parks are designed to be kept at 2 metres full. HE is looking into whether it will be possible to improve recharge levels to minimise the effect of reduced rainfall.

Regarding the impact on Oakington of de-watering prior to house construction in Phase 3A, Mr Kelly stated that, due to geological factors, it was unlikely that this would lead to a substantial drop in the water table.

Ground water monitoring is an obligation of the P3A consent which includes pre and post implementation monitoring. Mr Kelly has also asked HE to produce a more accessible guide on their drainage strategy and explain how they are treating ground water.

In respect of the lack of response from HE regarding supplying bore hole data to the Parish Council when available, Mr Kelly suggested submitting a Freedom of Information request if it is not forthcoming soon. He understands that they are doing some monitoring now but we will need to come back to the Parish Council with further information about the bore holes installation. In response to a question on how many years of bore hole monitoring will take place before P3A starts, Mr Kelly will take this up with HE and report back via the Clerk.

He had noted that the Environment Agency had been slow to provide modelling of Oakington Brook following the A14 works which is delaying HE from progressing with our flood attenuation pond design. He will be trying to compel the various agencies to share as much information as they can. Flood Mitigation

Chair expressed the Parish Council's concern about the very slow progress on the Oakington flood mitigation pond. £400,000 was allocated from the S106 years ago which must have dwindled substantially by now. Mr Kelly stated this is index-linked. HE is of the view that the on-site mitigation should 'improve' the level of surface water entering the village. They had also made the point that if the SARE is built the surface water drain strategy for that road would provide a greater opportunity to do more. Mr Kelly is trying to establish why the Phase 3A application did not seek a further contribution to the £400,000. His team had advised it is because the flood risk assessment said it was not required due to the planned on-site mitigation. He is awaiting a response from HE as to when there will be certainty in terms of flood mitigation delivery. Andrew Dennis (FMG) reported that at multi-agency meeting held in July HE stated that they can't do anything until EA give them the A14 works modelling data on Oakington Brook and this was expected to be forthcoming in late August. HE said once they have that information they will do everything then can to plan attenuation on land under their control. Mr Kelly will try to get clarity from EA and report back to the Parish Council. Noted that the trigger point for the £400,000 mitigation is 2,500 houses. HE had advised Mr Kelly that if they need material to change levels elsewhere on P2 they may create the pond as a source of material, but they are not obliged to do so as a planning condition.

## Award Drain 171

One third of surface water from P3A will be held by a balancing pond (South West of Northstowe) before discharge into Award Drain 171, which flows through Oakington and has the potential to cause significant flood damage throughout the west of the village (primarily Longstanton Rd).

Andrew Dennis had reviewed the surface water strategy and felt that if the figures works out as shown there should not be a problem. However the ditch is not good upstream. The piped section through the village and under the Longstanton Road culvert is a 600ml concrete pipe but the CCTV images taken recently show it is disastrous with gas pipes across it creating potential

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