

PLANNING INSPECTORATE COMPULSORY ACQUISITION HEARING

on

18 OCTOBER 2023

PRESENT

PLANNING INSPECTORATE

RYND SMITH KEN PRATT KEN TAYLOR

CASE TEAM

TED BLACKMORE SPENCER BARROWMAN RYAN SEDGMAN

LOWER THAMES CROSSING

ISABELLA TAFUR TOM HENDERSON KEITH HOWELL ANDREW TAIT KC RUSSELL CRYER RICHARD SAVILLE ANDREW KAY

INTERESTED PARTIES

HAZEL ANDERSON (Northumbrian Water)
PAUL KELLY (Northumbrian Water)
ANDREW HIGHWOOD (Rochester Bridge Trust)
JACKIE THACKER
DEAN BRADBROOK
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MR SMITH: Good morning, everybody, and welcome to today's compulsory acquisition hearing 4 for the Lower Thames Crossing. Before we introduce ourselves, can I just check with the case team and the audio-visual staff that we can be heard online and that the recordings and the livestreams have now started? And I am seeing the right thumbs being raised from the right desks, so with thanks to our technical team, to introductions. My name is Rynd Smith; I am the lead member of a panel, which is the Examining Authority for the Lower Thames Crossing application, and I'm in the chair for this hearing. I'll draw your attention to our frequently asked questions, linked to our rule 6 letter published many months ago now, but available still on our website where you'll find brief biographies for all of the members of the Examining Authority, and an explanation for the purposes of the Examining Authority's appointment. My fellow panel members here will introduce themselves, so I'll start by moving to Mr Ken Taylor.

MR TAYLOR: Yes, good morning, everybody. My name's Ken Taylor, member of this panel. I may ask some questions today. Thank you.

MR PRATT: Good morning, everybody. Ken Pratt here, I'm a panel member and likewise, I'll be asking questions today as and when. Good morning.

MR SMITH: Thank you very much, Mr Pratt. This is Rynd Smith, panel lead speaking again. Having introduced the panel members sitting on the bench with me today, I will note that two of our members – two members of the Examining Authority – are not with us today. That's Ms Janine Laver and Mr Dominic Young, again, busily engaged on other work, and you will see them, however, later in this group of hearings. I will note the presence on the back bench today of Mr Guy Rigby, and Mr Rigby is an inspector. He's a chartered engineer and a non-practising barrister by professional background. He is not a member of the Examining Authority, but as is common on larger cases, the Planning Inspectorate has provided him to us in an advisory capacity, so he's advising us on compulsory acquisition, transport and highways matters and will be listening throughout today's hearing.

I will also briefly introduce our Planning Inspectorate colleagues who are supporting us in these examinations. Ted Blackmore is the case manager leading the case team today, and he is supported by Spencer Barrowman in the venue, and Ryan Sedgman who is running the virtual room. Now, in terms – moving on to agenda item 2 of why we're here today, we're here to hold what is our

fourth compulsory acquisition hearing, and of those, the first was a strategic hearing where we heard the applicant set out its broad case for compulsory acquisition, and this is the third of a group of hearings where we hear objections to compulsory acquisition and temporary possession requests that arise from individuals who are affected by those requests, what, in our terms, we refer to as affected persons.

Now, everybody in today's group of participants are affected persons, and they're people who have requested an oral hearing in front of us. Now, I think it's probably fair to say that today's participants divide into two groups. There are persons who are professionally represented, who will be setting out cases led by either legal representation or relevant technical specialists and professionals, but there are also attending today groups of individuals who are not formally professionally represented, but who are affected persons with specific concerns about the effect on their rights, the effect on their lands, of the property – of the proposal. Now, what I thought I would do is just briefly speak to the difference between this type of hearing – a compulsory acquisition hearing – and indeed the other types of hearing such as open floor hearings and issue-specific hearings we've held in this examination so far, so that those who are not formally represented actually gain a, hopefully, better sense of what this hearing is about, and why it is different from other types of hearings.

And the core to the difference around this hearing today is that this hearing is about you and your concern about your land, your property, your rights, and any particular requests that the applicant has made to acquire your land, your property, your rights by compulsion, either permanently – which is known as compulsory acquisition – or temporarily for a period of time, typically during the construction of the project, which is known as temporary possession. And the focus of today's discussion are about those requests by the applicant and the degree to which they have affected you in a personal capacity, in a business capacity, in relation, occasionally, to matters such as even your personal and family circumstances, your human rights or matters of equalities. Now, the reason why I raised those matters is because sometimes in these hearings, we do need to move into the very delicate matter of placing personal matters in front of what is still a public hearing and a public process.

Now, what I would say in relation to any such matters there is that we are always very careful and measured about the way that we bring forward such material, so if, as an individual, you want to talk about very particular personal circumstances that you believe are relevant to your case, before just starting to speak about them, introduce to us the fact that you might wish to bring such circumstances up. The reason I say that is because, of course, these hearings are all recorded and the recordings are published for very good reasons; this is a public hearing. However, what we can do – if you find yourself wishing to bring forward personal information that might be relevant and you're not sure – is that we can find ways of enabling you to bring that into the examination, for example by asking you to deal with particular sets of circumstances in a written submission that you might make at the next deadline, deadline 6 on the 31st of the month, which we can take fully into account but would then be redacted and have relevant personal information removed from the face of it before it's published. In other words, we can be sensitive.

That is, actually, much easier for us to do than to do the alternative, which is to hear detailed, complex, personal circumstances, oral submissions, today, which then actually have to be redacted from the face of the recording that is taken today. For very good reasons, we prefer not to take such an approach, because, actually, these recordings should always be a full and true record of everything that transpires in a hearing, and if we have to start clipping little bits out because people make references to personal and private and confidential matters, then we are opening ourselves to the possible accusation that we are no longer providing a full and accurate record, so I thought it was worth explaining a little bit about that approach to conducting these hearings.

What I will also say is if there's anybody who is respectively about to speak, and who is thinking, 'I don't really know how to do this. I'd quite like a little bit of advice before I step into the water', then we have got enough time today to provide that advice, so either speak privately to Mr Blackmore, the case manager, who I'm sure will be very happy to help, or Spencer or Ryan assisting him, or in open floor, ask us for a piece of advice about how to proceed before you proceed, and we will always entertain that request for advice carefully.

So one final remark about what we're looking for today is that obviously examinations under the Planning Act of 2008 are, primarily, written processes.

There's an enormous amount of material exchanged between parties in writing now, and therefore it's important that orally we're using our time here to focus on the matters that still remain in dispute between anybody making representations and the applicant, and we're particularly interested in circumstances at this stage if it appears that there are matters where agreement will not be reached within the timescale of the examination. Now, this is not to place anybody under any undue pressure to settle matters that they would – they do not feel are capable of settlement, but it is to highlight that we're reaching a stage in the examination where if we need to report to the Secretary of State that certain matters have not been settled, and therefore we are recommending to the Secretary of State that X be done or Y be done in order to resolve the difference, that we need to know, so that's our very strong focus as well in terms of what we're asking participants to speak to us about today.

Now, in my opening remarks there, I did cover the fact that these hearings are being livestreamed and recorded. Before I move on any further, does anybody have any questions about that and that process, and how it works or why it's done? And I'm not seeing any yellow hands in the virtual room and nor am I seeing any hands in the physical room, so we will then move on, and we will now start the process of introductions. Now, before I do, I think, again, another observation that I will make about the nature of today's agenda is we have published an agenda paper. We intend to ask participants to participate in the order set out on the agenda paper, which means that we will have a focus in the early stage of the hearing, in the morning, on represented parties, to a degree, and then we will move on to the unrepresented parties.

Now, one of the observations I've already made to the case team in relation to unrepresented parties is if you don't want to sit around online or in the room listening to the first represented parties say their piece, we can make arrangements for the case team to then dial you up and have you brought back in at a relevant time so that you're back in the meeting and can participate, so everybody on the agenda from Mr Peter Trevor Foster onwards at item (d) – Francis Wilson, Jackie Thacker, Wayne Thacker, John Thacker and Dean Bradbrook – be conscious of the fact that we will deal with the three represented parties – or potentially two represented parties – now, first, and then case team

can dial you in, and we will attempt to make sure that we use your time as efficiently as we can.

So let's hear introductions, and we will go first to Northumbrian Water, trading here as Essex & Suffolk Water. Do we have Ms Anderson of Winckworth Sherwood representing that entity?

MS ANDERSON: Good morning, sir. Yes, you do, and if I may also introduce you to Mr Paul Kelly who is a senior solicitor at Northumbrian Water.

MR KELLY: Morning, sir. I'm on the call as well.

MR SMITH: Good morning, Mr Kelly. Thank you very much. Okay, I'm now then going to move on, because we have two representations through Savills. Now, the first, I understand, in relation to St John's College, Cambridge, but Mr Daniel Smyth is, I believe, not in attendance. Is that correct? Yes. Okay, so if we can then have Mr Andrew Highwood, I believe, for Rochester Bridge Trust.

MR HIGHWOOD: Yes, good morning, sir. Andrew Highwood for Rochester Bridge Trust.

MR SMITH: Excellent, so you are in the room. Okay, what I will remark in relation to the St John's College representation is that we understand that Mr Smyth is apparently on annual leave. In principle, opportunities to attend these hearings are offered on the basis that the hearing is set for a day and if an individual representing a party cannot be present, essentially as a professional it's their duty to acquire an equivalent professional and make sure that that party is actually represented. It just so happens, as a matter of luck, that in this case, we will have an additional set of compulsory acquisition hearings in November, and so we will endeavour to move St John's College to a November hearing.

However, I would like to place on record a measure of concern that there is, in principle, a – not to put too fine a point on it – waste of the Examining Authority's, and indeed other parties', time in circumstances where a hearing is offered and a professionally represented party does not attend for a reason as basic as, essentially, taking annual leave, because that is a matter that can normally be addressed in a large firm. So hopefully Mr Smyth is listening and is alive to the fact that it will be very important when a date is offered in November that he does attend and represent his client, and at that point there, essentially, will be no excuses.

MR HIGHWOOD: I'm very grateful to you, sir. I believe Mr Smyth did speak with the case officer and there's an understanding there, and I will certainly pass on your comments to him. Thank you.

MR SMITH: I'm very grateful. Thank you very much, but we're grateful for your presence here, Mr Highwood, speaking for Rochester Bridge Trust, so we'll be running in that order. We'll hear Northumbrian Water first, then Rochester Bridge Trust. Now, in the agenda, we then noted, provisionally, a break which we referred to as a lunch break, before moving on to hearing the individual unrepresented parties. Now, precisely the timing of that will depend upon the duration of the business that is necessary for Northumbrian Water -Essex & Suffolk Water – and Rochester Bridge Trust, so we will take this as we go. Can I, then, check – I understand that Mr Peter Trevor Foster has connected with the event but is currently not connected, and so if I can just check with the case team that that's the current status of Mr Foster, and the case team has an ongoing task to try and speak to Mr Foster, and see if he can actually be brought in by telephone, because I do gather he's struggling with the technology a little bit. Can I, then, move to Ms Jackie Thacker, Mr Wayne Thacker and Mr John Thacker, who I gather we do have present in the virtual rom? Ms Thacker, are you able to see and hear us? Excellent.

MS THACKER: I am. I'm here. I explained we've got health risk issues within the family, but I want to listen to as much as I can and obviously find out when we're on. I'm interested to hear all about it and as long as I can be around, I will, in the background.

MR SMITH: Okay, well what – we do obviously – because amongst other things, your family are affected persons, so we have a speaking slot saved for you. That slot is today. Now, there are two ways of dealing with this. The first will be to have the case team just message you maybe an hour or so before it appears likely that you'll be on, so that if you're going to make use of that opportunity, then you're alive to the fact and can do so. You can, of course, make written representations at deadline 6, so if the – if you find yourselves not in a position to fully speak today, for the reasons that you've outlined, then you can essentially replace what you might have said orally in writing at deadline 6, and that's perfectly acceptable. Can I just check, are we likely to see any other members of the Thacker family today, or will it just be yourself?

1	MS THACKER: John will be sharing this laptop and facility with me if that's okay.
2	MR SMITH: Okay, yes. No, that's fine.
3	MS THACKER: Wayne is work-dependent, so he's going to try and be around for this
4	afternoon, but not quite sure that that would happen.
5	MR SMITH: Well, look, I think it's fair to say that our expectation is that the
6	Northumbrian Water - Essex & Suffolk Water - and Rochester Bridge Trust
7	matters might take a fair chunk of the morning, so it could well be by the
8	afternoon when we might be hearing from you anyway. I will be asking the case
9	team to stay closely in touch with you, and we'll make sure that we try and bring
10	you in when we can.
11	MS THACKER: Okay, if they could just give us an hour's warning, perhaps, that - if
12	the speaking time is on, then that would be - if they send it to me, I can deal
13	with it and possibly Wayne, if necessary.
14	MR SMITH: No, that would be good, and let us also be clear that if, for some reason,
15	the Northumbrian Water business moves more swiftly than we'd anticipated,
16	then they will be in contact, and they'll be in contact maybe a little earlier, but -
17	so keep an eye on your messages.
18	MS THACKER: That's brilliant, and if, as I say, we don't feel we need to speak at this
19	time, we will put in writing any concerns.
20	MR SMITH: Yes. No, that's fine, and that's fully understood.
21	MS THACKER: That's lovely, thank you.
22	MR SMITH: Okay, and then finally, do we have Mr Dean Bradbrook? Excellent, in the
23	room, Mr Bradbrook, thank you for coming in person today; that's much
24	appreciated. In terms of your speaking arrangements, we have plenty of chairs,
25	plenty of microphones. If you're happy, do please come up to the front table
26	and make yourself comfortable. However, if you would rather sit where you
27	are, observe proceedings, and when you're called, you can either come forward
28	at that time or alternatively, we do have a roving microphone and one of the case
29	team will come to you with a microphone if you call for it at any point.
30	Right, so that covers introductions from the parties anticipated as speaking
31	today. Can I now turn to the applicant?
32	MS TAFUR: Sorry, sir. My name is Isabella Tafur, and I'm a barrister representing the
33	applicant. On my right is Mr Tom Henderson, partner at BDB Pitmans. On my

1 left is Keith Howell, who's a utilities lead at LTC. On his left, Andrew Tait of 2 King's Counsel, and on his left, Mr Russell Cryer who is the HRA lead at LTC. 3 MR SMITH: Okay. Now, I take it here that your team, and indeed the leadership of your 4 team, is likely to shuffle. 5 MS TAFUR: That's right, sir. 6 MR SMITH: Depending on the individual business items, so the way you've introduced, 7 I take it, runs for Northumbrian Water and Essex & Suffolk Water but may 8 change. 9 MS TAFUR: Isabella Tafur for the applicant, in fact, sir, I've just introduced everyone who happened to be sitting at this table, but not all of them will deal with 10 11 Northumbrian Water Ltd. 12 MR SMITH: Okay. Now, just before, then, we on to the main agenda and start speaking, 13 can I just check with the tech team, there were a few issues there with the monitor 14 screens; are they now resolved? No, we've just lost them again. Yeah, okay, 15 well we may be - to be alive, then, for the room and indeed everybody online, 16 we are running intermittently without monitor speakers in front of us. If that 17 happens, you may see us turning our backs to you. It's not because we're not interested in everything you say; it's because we need to see the people in the 18 19 virtual room. They're going off as well, are they? At risk of prolonging this, 20 we know what we're doing. We have introduced ourselves. It would be very 21 difficult to manage what will be a first session that is virtual without the virtual 22 kit working properly, so if Northumbrian Water's representation can hear us, 23 and I hope they can, we are going to call a 15-minute break. So if we try and be 24 back in the room at 10.35, can I ask the tech team to just work over all the 25 connections to make sure that we are able to see our virtual meeting? That would 26 be very useful, so back in the room at 10.35, ladies and gentlemen. Apologies 27 for that. 28 29 (Meeting adjourned) 30 31 MR SMITH: Good morning again, ladies and gentlemen. My name is Rynd Smith, the 32 lead member of the Examining Authority for the Lower Thames Crossing, and

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welcome back to compulsory acquisition hearing 4, with apologies for that brief

and unplanned intermission. Now, we gather that work has gone on in an

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attempt to repair connectivity to the screens that enable us to see the virtual event. However, it is clearly apparent here and now that that work hasn't been fully successful. Now, the advice that I was given in the break was that the technical team, if there were ongoing problems, would require a reset of at least 30 minutes in order to take down the relevant electronic components and rebuild the system, so what I'm proposing to do is just to check first with the technical team, are the recordings still live? Yes. Can we be seen and heard externally to the venue? Yes. It's literally just an internal, within-venue problem.

So I'm proposing — with apologies to Winckworth Sherwood for Northumbrian Water, because we literally cannot see you at present — to move in agenda order to Rochester Bridge Trust to do the physical business that we can do, and then to go to Mr Dean Bradbrook, who is also in the room, and hear him, so that we don't waste the time of those people physically present who are here, because we can hear you and we can record what is said. So can I just check, firstly, with My Highwood for Rochester Bridge Trust, are you content to proceed on that basis?

MR HIGHWOOD: Andrew Highwood, Rochester Bridge Trust. Yes, I am, sir, thank you.

MR SMITH: I'm very grateful, and can I just check with Mr Bradbrook, once Rochester Bridge Trust has finished, are you content to say your piece, given that you're here, and then you can leave if you wish? Excellent. Good, in which case, with apologies to Ms Anderson of Winckworth Sherwood for Northumbrian Water, we will try and get you back into the event as soon as humanely we can. That work will be going on behind the scenes, and we'll keep you advised about the time when you are likely to be heard, but I am going to move directly to Mr Andrew Highwood to introduce the case for Rochester Bridge Trust. Mr Highwood, you'll see on the face of the agenda the headline questions already written down that we are asking of you and the applicant, and so I'm going to pass over to you. Address us. Deal with those questions. We may have individual questions on matters of detail as we hear your client's case.

MR HIGHWOOD: Andrew Highwood, Rochester Bridge Trust. Thank you, sir. May I first just briefly offer apologies from Mr Cathcart? He's the chief estates officer from Rochester Bridge Trust. He was hoping to be here, but unfortunately other commitments have meant he's not able to be here. He has just asked me, though,

to make this particular point: 'Can you make the point that the process has meant we have had to stop and change our own plans for the land, i.e. promoting for development, exploring alternative uses, including renewable energy, converting the farm buildings, etc? And it would be good if there is some acknowledgment that the time taken for the development assessment and construction — if this ever happens — of this scheme has implications for landowners, especially charities, who have a legal obligation to maximise use of their assets, and whose efforts in doing so are being disrupted.' That was what Mr Cathcart asked me to say, and now onto dealing with your questions, sir.

The first, 'Outline of the current scope of objections, taking account of any progress in negotiations with the applicant', RBT's property is land and buildings forming part of Great Clayne Farm. Gravesend has registered at HM Land Registry under title numbers K794941 and TT26967, shown on sheets 13 and 14 of the general arrangements plans (volume B), consists of the following two sites: site 1 is land on the north side of Lower Higham Road, Shorne, Gravesend and site 2 is land and buildings south of 226 Rochester Road. Starting with site 1, the project requires site 1 for the following purposes:

One, Ramsar mitigation: the temporary land possession for the creation of a temporary habitat for birds as part of measures to reduce the construction period's environmental impact on the Thames Estuary and Marshes special protection area and Ramsar.

The second point is the drainage scheme: the temporary land possession for the discharge of treated water from a construction compound, together with permanent land acquisition of subsoil and rights to the drainage discharge pipe.

Thirdly, the southern tunnel works: the permanent land acquisition of subsoil and rights, and temporary land possession for the proposed southern tunnel.

RBT objects to the Ramsar mitigation and the drainage scheme. It does not object to the southern tunnel works. It has been agreed in principle with the applicant, subject to contract, that it will not permanently acquire the subsoil and rights for the drainage discharge pipe for the drainage scheme. The discharge pipe will be left in a condition agreed between the parties, with the land deemed restored at the end of the temporary possession.

Returning to site 2, the project requires site 2 for the following purposes:

One, the southern entrance compound and the storage: the temporary land possession for the southern entrance tunnel's compound and soil storage.

Two, the proposed the Chalk Park scheme: the permanent land acquisition for the creation of a new open space site to be known as Chalk Park.

And three, public footpath works: the permanent or temporary land acquisition for improvement, realignment and upgrading of public footpath NG7 to bridleway connecting to other newly created public routes for Chalk Park.

RBT objects to the southern entrance compound and storage, and the Chalk Park scheme. The applicant has confirmed that public footpath NG7 will remain a footpath and will not be upgraded to a bridleway, and that only temporary possession is required. The applicant has also confirmed that the footpath will remain unsurfaced. On the basis that the footpath is unsurfaced and there is no permanent land acquisition, RBT no longer objects to the public footpath works.

And so your second question, 'Whether CA and/or TP powers, or both, are objected to and with reference to the statuary tests and applicable guidance, why?' Ramsar mitigation for site 1 – I'm not sure whether it is possible with the screens to bring up, now, the plan that shows site 1, just simply to give you a bit of context.

MR SMITH: It would, of course, assist us if that could be done. Although that being said, we do have our own microscreens, so we can – it's not as though we're completely blind at this point, so we can actually bring the site up ourselves but in the intervening time, noting that we do have apparently live screens – brilliant. Done. Thank you very much.

MR HIGHWOOD: That's very helpful. Thank you, and you'll see the Ramsar site is edged red and stippled, so you can see that's the pink area. The Ramsar mitigation is based on the applicant's criteria that the mitigation land must be functionally linked to the Thames Estuary and Marshes special protection area and Ramsar. Functionally linked land is a term used to described areas of land or sea occurring outside the designated site, which is considered to be critical to or necessary for the ecological or behavioural functions in a relevant season of a qualifying feature for which a special area of the conservation, or special protection area, or Ramsar site has been designated. These habitats are

frequently used by SPA species, and supports the functionality and integrity of the designated sites for these features.

There is legal requirement to consider the importance of functionally linked habitats and habitat regulation assessments when assessing new plans or projects to ensure the conservation objectives for the site can be delivered. RBT objects on the following grounds: that one, no formal site selection or consideration of alternatives. In a response statement dated February '23, the applicant stated no formal site selection process was completed before the DCO application. However, the proposed site is the only alternative that fulfils the necessary criteria to be suitable for the mitigation, that is, available during construction within the functionally linked land, and not existing designated habitat, is in close proximity to the affected areas, and is capable of being enhanced for functionality.

The applicant's position is contradictory. If no selection process was completed, then it cannot demonstrate the proposed site is the only alternative, and thus reasonably necessary and proportionate for the project. The point here, I believe, is that the applicant's been focused on their works, and they consider this area needs to be close to their works, whereas I think they need to stand back and look at the Ramsar site entirely, and look at the other end. Look at the eastern area where there are areas of land that are available. In fact, in particular, there's one area of arable land that was purchased by RSPB some time ago, and over the years, they've been converting that land from arable to pasture and there's an area of land that's still available. It's still arable, but I'm sure that RSPB will have long-term plans to convert that as well, and to bring those plans forwards to make available that land for this project, to cover their temporary obligations, to my mind is a far better approach.

Site 1 is not functionally linked land, but if it is, then temporary land possession is unnecessary. The applicant contends in the response statement that the proposed site is already functionally linked land, with the Thames Estuary and Marshes special protection area and Ramsar. RBT contends that the applicant has produced insufficient evidence of any existing functional link with any part of site 1. The applicant's position is again contradictory. If the land is already functionally linked land, i.e. crucial and necessary for the ecological and behavioural functions of the special protection area and Ramsar,

with a development subject to an HR, then it already serves such purpose, and temporary land possession is unnecessary.

Likewise, if it needs to be enhanced by temporary land possession to mitigate, then it cannot already be functionally linked land, and my final point in relation to this is enhancement measures cannot be temporary, and may unreasonably and disproportionally impact other neighbouring lands. The applicant has failed to demonstrate how enhancement measures to alleged existing functionally linked land can be temporary and will not impact nor create a functionally linked land with neighbouring sites. RBT contends for the above reasons that the use of site 1 for the Ramsar mitigation does not satisfy the conditions in section 122 of the Planning Act of 2008.

Now, turning to the drainage scheme for site 1, and on the plan you'll see that there is a corridor with an access from the south, and a larger area at the east end of that corridor, which is the site that will receive the thrust boring which will go from that point, exactly there, and then out at 4.00, heading towards the site of the Lower Thames Crossing itself. The drainage scheme requires temporary land possession for the discharge of treated water from a construction compound. RBT objects on the following grounds: RBT's agricultural lands outside the order limits are severed. You'll see that the white land below the Ramsar site and the corridor, and the white land below – south of the corridor and the residential area are – well, essentially there are three small areas of land that historically – well, currently the whole area is being used for arable and realistically, it's no longer capable of use.

So site 1 is tenanted agricultural land. The project will severe site 1 into two remaining irregular shaped plots outside of the order limits, with no access, the resultant impact being that such plots will be unable to commercially sustain farming activities. Such impact within the context of the proposed order limit, and coupled with the adverse impacts set out above, are unreasonable and disproportionate.

My second point is there is no flood management protecting land outside the order limits. The applicant has provided insufficient evidence, nor any assurance or undertakings as to the volume of water and how it will be managed on part of site 1, requiring temporary possession for the field drainage. In particular, how would this impact the use of RBT's adjoining land of site 1

outside the order limits? Such as will water be discharged and/or cause flooding to the adjoining land? Have flood assessments been carried out? It appears the whole of the fields will need to take water from the temporary field drainage. It's considered unreasonable and disproportionate for any part of the RBT's land at site 1 to be taken temporary, given such impact to the remainder of the land.

My third point, condition of the land upon return to RBT. The applicant has provided no evidence, nor any assurances or undertakings as to the condition of the land upon its return to RBT after the temporary possession, in particular in relation to contamination and future flood management after temporary possession. It is unreasonable and disproportionate that the land be temporarily acquired where the alleged purpose of the...

MR SMITH: Apologies, we did seem to have a brief oral interjection there via one of the remote channels. Can I just check that all microphones in the virtual meeting are switched off, please? Apologies, please resume.

MR HIGHWOOD: I'm grateful, sir. Andrew Highwood for the Rochester Bridge Trust. My third point, condition of the land upon return to RBT. The applicant has provided no evidence, nor any assurances or undertakings as to the condition of the land upon its return to RBT after the temporary possession, in particular in relation to contamination and future flood management after temporary possession. It is unreasonable and disproportionate that the land be temporarily acquired where the alleged purpose and the condition of the land created will extend wholly or partly beyond the period of temporary possession. Therefore, without further information and assurances as to the condition of the land upon its return to RBT after the temporary possession, RBT contends for the above reasons that the use of site 1 for the Ramsar mitigation does not satisfy the conditions in section 122 of the Planning Act of 2008.

MR SMITH: Normally, I would ask the applicant to scroll down to the plan below, but I believe to get to the plan below, you need to select the plan above.

MR HIGHWOOD: I don't know, sir, whether you've found that layout confusing. I certainly have.

MR SMITH: If we're talking about the south to north orientation of the plan set, it's been

MR HIGHWOOD: It catches me out every time.

MR SMITH: – with us since the beginning of the project; however, such is life.

MR HIGHWOOD: It is what it is. Sir, I wonder whether we might have the plan above or below, or however you want to describe it, but the one that colours the property below. Thank you. Yes, helpful, thank you. Southern entrance compound and storage for site 2. RBT objects to the southern entrance compound and storage for site 2 on the following grounds: insufficient evidence on alternatives considered and the reasonable necessity and proportionality of the extent of the compound and soil storage. There is insufficient evidence as to why it is reasonably necessary for temporary possession, and what alternative sites have been considered by the applicant. It appears from the application documents that less land is needed for soil storage than proposed for temporary possession. Likewise, there is no evidence that soil storage has been considered on other parts of the southern entrance compound. By example, that part of the compound that is required for permanent land acquisition will later become Chalk Park, and repurpose part of the excavation material.

Condition of the land upon return to RBT. There is insufficient information and detail as to the condition of the land to be returned to the RBT after the temporary possession, in particular in relation to contamination and restrictions on land use, including potential residential developments. Therefore, without further information and assurances as to the condition of the land upon its return to the RBT, the temporary possession is unreasonable and disproportionate. RBT contends for the above reasons that the use of site 2 for the southern entrance compound and storage does not satisfy the conditions in section 122 of the Planning Act 2008.

Chalk Park scheme for site 2. The Chalk Park scheme concerns the permanent land acquisition for the creation of a new open space. RBT objects on the following grounds: the new open space is not part of the NSIP and not reasonably required, nor incidental to the NSIP project. The Chalk Park scheme is proposed to be new public open space; it is not replacement public open space. There is no requirement for the purposes of the NSIP highway project for additional public open space. Section 31 of the Planning Act of 2008 states that a DCO may be granted only to the extent that the development is, or forms part of, an NSIP project. The first condition of section 122 provides that any DCO granting the acquisition of land must be either a) required for the development to which the land – to which the development consent relates, or b) required to

facilitate, or is incidental to, that development, or c) replacement land which is to be given in exchange for the order land under section 131 or 132.

While there will be landscape mitigation upon the land, that is not the reason for the park and its extent and scale. Certainly, landscape mitigation could be achieved by alternative means, similar to other areas of the scheme. No evidence or justification of the necessity for the size of the new open space and resultant regular shaped boundary, and you'll see that with the – I mean it's artistic rather than practical in terms of use, the borders of the land.

Impact on neighbouring RBT land. There is no evidence as to what environmental and development impact the proposed creation of the Chalk Park scheme and the acquisition of part of site 2 will have on RBT's farming activities and future development upon reversion of the remaining part of site 2, following the temporary possession of the compound and soil storage. Without such information and appropriate assurances, it is considered that such impact will be unreasonable and disproportionate when coupled with its unnecessary extent and scale. RBT contends for the above reasons the use of site 2 for the Chalk Park scheme does not satisfy the conditions in section 122 of the Panning Act of 2008.

Turn to your third question, 'What relief is sought?' RBT concludes that the applicant has failed to provide evidence of a compelling case in the public interest for the land to be acquired compulsorily and requests the following relief:

One, the Ramsar mitigation: temporary land possession is not granted for the - to the applicant for the Ramsar mitigation of site 1.

Two, drainage scheme: any temporary land possession granted to the applicant for the drainage scheme must be relocated north to prevent severing of the unaffected agricultural land for site 1, subject to a flood management scheme approved by the local authority in consultation with RBT, which includes provisions for preventing contamination, and future flood management after temporary land possession.

And three, southern entrance and compound: temporary land possession is not granted to the applicant for the soil storage on site 2.

Four, this was a Freudian slip which I think Mr Bedford had yesterday; I've written down here 'Chalk Farm scheme', but this is the Chalk Park scheme.

Permanent acquisition is not granted to the applicant for the Chalk Park scheme on site 2.

Your next questions, 'Whether there are any issues of hardship or requests for non-statutory relief', and the answer is none. Your final question, sir, 'Where relevant, whether the Human Rights Act rights and/or the Public Sector Equalities Duty are engaged, and what considerations emerge from this?' As relevant and reflected in the statutes and guidance, article 1 of the first protocol of the Human Rights Act 1988 (protection of property), and that concludes my submission, sir. Thank you.

MR SMITH: I'm very grateful, and particularly grateful for the clear and systematic breakdown of the individual questions that we posed, which means that I don't have any immediate follow-up questions. I'll just check with my colleagues.

MR PRATT: I do have one question, Mr Smyth, and it was just a comment you made on -

MR SMITH: It's Mr Highwood. Mr Smyth is for St John's College.

MR PRATT: Sorry. Well, you're Mr Smith as well.

MR SMITH: Sorry, too many Smiths.

MR PRATT: Mr Highwood, you made a comment near the beginning about the drainage scheme and that the applicant had not considered the flood risk. I've just spent a little bit of – having a look at the flood risk map that the Environment Agency publish on behalf of the government at the site, and it looks fairly blue from what I've seen. I was just going to ask have you done any independent review of that scenario, to just make that comment a bit more substantial, if you like, on that topic?

MR HIGHWOOD: Andrew Highwood for the Rochester Bridge Trust. As I was explaining, the land there is farmed by a tenant and has been farmed by that tenant for some time. There's been a continual dialogue with Network Rail as to the maintenance of a culvert north of this land so that the water that drains from this land can run through and eventually out to sea. As others may have also experienced, having a dialogue with Network Rail doesn't always end up with action, and both our client and their tenant are very frustrated and concerned, and therefore just another drop of water is of concern. I think the way it's been described to me, it's a bit like a bath, where you leave the plug out and you have both taps running full bull and the bath will go up, and up, and up,

and if you're sensible enough to turn the taps off before it overflows, you can then wait for the bath to drain and then you can play the same game all over. The trouble is, it's when the lord above decides to rain two days running that pressures amount and, as we say, we expect that this project will want to be pumping water at about the same time that we are most challenged in trying to get rid of our own. And we just don't - we've not seen anything from the applicant to help us even come to the conclusion they've looked at that point.

MR PRATT: So if I may paraphrase, sir – it's Ken Pratt, the panel member – so if I may paraphrase, you're in an area of difficult drainage that's probably at capacity now, and any issue will make an existing difficult situation worse. Is that a fair point?

MR HIGHWOOD: Andrew Highwood for the Rochester Bridge Trust. I think absolutely, perhaps it's the last straw you're referring to that breaks the camel's back. Thank you.

MR PRATT: Thank you.

MR SMITH: Thank you very much. So can I turn to the applicant and see who will be leading on the response for this matter? Is it Mr Tait?

MR TAIT: Yes, sir, Andrew Tait, for the applicant, and I may call upon Mr Russell Cryer, who is the HRA lead, and Mr Andrew Kay, who is the lead landscape designer, who's on my far left, and Mr Cryer on my left and Mr Kay is Mr Richard Saville, who's a senior surveyor with the land and property team.

So dealing, if I may, with the points in turn, starting with site 1, where there are three distinct matters that are relevant. First of all, there's the HRA mitigation land, which requires the land to be in winter stubble between October and March, during the construction period, so it's a temporary effect. And I'll ask Mr Cryer to explain, which he has explained previously to Mr Highwood, I think at a meeting in July, that first of all, this is essential. Secondly, it is the only reasonable place upon which for this to occur. Thirdly, as part of that point, the land needs to be functionally linked land already.

So there appears to be a misunderstanding by Mr Highwood about that; it has to be functionally linked land already, and the issue is the extent to which this is able to enhance that which is already functionally linked land. And so I would just ask Mr Cryer to comment on those matters briefly, just looking at

this part of site 1. So Mr Cryer, essential location and dealing also, associating that with functionally linked land, please.

VER: Good morning. Russell Cryer, for the applicant. So the evidence for the

MR CRYER: Good morning. Russell Cryer, for the applicant. So the evidence for the need for the mitigation is outlined in the habitats regulations assessment, which is at 487. I'll give you the detailed paragraphs in our written response. It's required to avoid the adverse effects on integrity from habitat loss and disturbance during the construction period only. You'll note that [Pool House Port?] on the north side is a permanent acquisition because there are permanent effects on the north side of the river, but not on the south side, which is why it's temporary. To be suitable for that, it needs to be available during the construction period. However, it needs to be functionally linked land already. It needs to not be a designated habitat because that cannot be enhanced. It needs to be in close proximity to the affected area because the birds need to be able to move from the affected area to the enhanced area. And it needs to be capable of being enhanced.

So not all functionally linked land is of equal quality or equal functionality. So an arable field, for example, would support less birds than a grassland or a stubble field, which are more attractive because they have more invertebrates in them etc. So the site proposed is the only site that fulfils all of the criteria to be suitable within the area. So all of the other sites that we looked at were either too far away, or they were designated sites, or they were already high quality, functionally linked land, which means they couldn't be enhanced. So we looked at the landscape and where would be suitable and proposed this as the only alternative that we had.

So the extent of functionally linked land was defined after a long consultation with Natural England, and it's shown in figure two of the habitats regulations assessment, which shows the extent of functionally linked land. And the proposed area lies within that functionally linked land, so it is functionally linked land that was agreed with Natural England, and it's of a quality of functionality, if you like, that can be enhanced. It is virtually adjacent to both of the areas that are temporarily impacted during construction. So it is suitable to carry out the function that it will need to do.

MR SMITH: Can I just intervene very briefly there because there is a question of mine that I didn't put to Mr Highwood because, in principle, it's not for him to answer,

it's actually on the applicant's side, and that relates to the degree to which this will provide, essentially, temporary ecosystem service as an undesignated site to support the values of the designated land. And as part of that process, if this temporary possession proceeds, there will be a phase during which the biodiversity value of this land will rise, and the species present upon it can be expected to be features of the protected site. But this is temporary and there may then be a question about the degree to which what is done during the temporary possession period might lead to probably what I can best describe as an inadvertent, enduring biodiversity enhancement, and the degree then to which, though notionally, temporary possession ceases, you hand the land back to the applicant. But at that point, you potentially hand the land back to the applicant subject to biodiversity value that was not there when you took possession of it.

Now, one of the possible consequences of that is that what was not designatable at the point of time when you took possession is, at this point, now designatable. Now that is of interest to the examining authority because, if that transpires, and I know there are a lot of 'ifs' there, but if that transpires, then there is an element of the temporariness of temporary possession that is potentially no longer fully entrained because, essentially, if you hand back temporary possession land with its characteristics altered, such that there are new obligations, new requirements, new regulatory provision, that then, as they would see it, burdens the freeholder or the occupier, then, although the possession was temporary, the effect is potentially enduring, which leads me to the underlying questions about how temporary is temporary possession? So I'd like to hear a little bit more about that.

MR CRYER: Mr Cryer, for the applicant. In answer to the last question, temporary is entirely temporary.

MR SMITH: Well I know it is in law, but the dilemma is, if you transform the characteristics of the land –

MR CRYER: I understand the question.

MR SMITH: And then you burden the freeholder or the occupier with new duties that they might not otherwise have had –

MR CRYER: So there would be no lasting change to the existing situation, in terms of its existing functionality and, therefore, the potential to be designated as a designated site. So the temporary measures would be merely to exchange one

agricultural practice from the existing one. So it's under arable production; that would be changed to either grassland or spring sown crops or winter stubbles. They're agricultural practices; when the temporary possession is over and it's handed back, it's entirely in the gift of the landowner to go and plant a winter cereal crop, which would put it back exactly in the same state as it is now. So there would be no lasting issue on the land.

MR SMITH: Unless the site were to be surveyed in the intervening period and possibly then made subject to a designation for and in recognition of the biodiversity value that it now contains.

MR CRYER: Well if that designation process were to go ahead during the period of construction, there's theoretically a possibility of that. I'm not aware of any intention from Natural England, intending to do such a thing.

MR SMITH: No, I'm not suggesting there is an intention.

MR CRYER: And within the area of functionally linked land, which is approximately two kilometres from the entire site, there is a vast area of functionally linked land out there, a lot of which would be much more functional than even when we had control of it in temporary possession and then converted it to grassland or stubbles. So the reason being, there are other areas that would be much more attractive, if you like, for designation within functionally linked land than this site, even when it's been enhanced for that temporary period.

MR SMITH: So it's your advice to me that we shouldn't be troubling ourselves substantially about the nature of the enhancement and any possible overhang or enduring effect of the enhancement, and the possibility that might affect the freeholder and/or occupier's ability to manage the land, broadly agriculturally as they saw fit, moving forward once the temporary possession period had ended.

MR CRYER: Mr Cryer, for the applicant. I think there is inconsequential risk of that happening.

MR SMITH: Okay. Right, sorry for that intervention, Mr Tait. Please continue.

MR TAIT: Thank you, sir. That's all I was going to say or ask others to say anything about the HRA mitigation land itself. The second area under site 1 is the cut and cover, which is for a six-inch pipe to be temporarily placed to allow drainage across to plot 14-03. That is, of course, governed by article 35 and the requirements to restore the land to the reasonable satisfaction of the landowner.

So far as the route that has been identified there, again I can perhaps ask Mr Cryer to supplement this if required, but it is the most direct route and if it moved further north, it wouldn't directly, at least, be draining into the land which is south of the Ramsar. So there is a logic to the selection and I don't know whether Mr Cryer wants to add anything to that explanation.

MR CRYER: Mr Cryer, for the applicant. The outfall from the drainage system is very precisely positioned where it is in the proposals to be outside the Ramsar designation. So there's a lot of consultation with Natural England and the Environment Agency about the most appropriate site for the outfall because the outfall will need a concrete construction which is land take. So it would be an adverse effect on integrity if you did that within the Ramsar. So we had to find a drainage route that would go to a ditch that was outside of the Ramsar, and where it's located is outside of the Ramsar, even though that ditch then flows north from that point and immediately north of there, that ditch is actually in Ramsar. So the location is precise and cannot be changed, otherwise it would have an effect on the Ramsar, an unacceptable effect on the Ramsar. The positioning of the pipes to get to that are then the most efficient way to get that water to that outfall.

MR SMITH: Okay.

MR TAIT: There is addition of the flooding matter. The Environment Agency has agreed to permit the discharge as proposed. That's in the statement of common ground with them, REP5-34 at 2.1.15. And in addition, for the benefit of Natural England, there's a REAC commitment, which is RDWE-33, and Natural England welcome that provision. That's in REP2-009 at 2.1.53. And that REAC commitment relates to the standard specified by the Environment Agency released at greenfield runoff rates, runoff collection measurement system, operated until full reinstatement of the compound is complete, and also deals with water quality standards. So the applicants are alive to that and it has been subject to our detailed discussion and agreement with those bodies.

MR SMITH: And in a brief supplementary question arising from Mr Highwood's submissions, then it's your submission to us that questions about both volume of discharge and timing, and indeed any water quality or contamination issues, are therefore addressed.

MR TAIT: Yes, sir.

MR SMITH: Okay.

MR TAIT: The third matter in relation to site 1, I think Mr Highwood indicated that that appears to be a matter which is on its way to agreement, relates to the permanent subsoil rights in relation to plots 14-04 and 14-05. That is, on the plan, the diagonal stretch before coming into the cut and cover. That needs to be permanent as it goes across the Ramsar site and it's important not to then – it'll be drilled from the west – and it's important not to then have to remove it and then, potentially, undo the benefit of drilling in the first place.

MR SMITH: Right. So although the utilisation of the drain itself will be temporary, because of the Ramsar implications, you will essentially then just cut it off and leave it in the land.

MR TAIT: Yes, sir. That's why it needs to be permanent. But as Mr Highwood indicated, there is discussion about an agreement to see whether that can be dealt with in a different way because, if it can be dealt with by agreement, then what otherwise would be trespass in the absence of the taking permanent rights can then be resolved. That's my understanding of the position. So those are the points in relation to site 1, and site 2 – I'm so sorry.

MR TAYLOR: Yes, Ken Taylor, panel member. Before you move on to site 2, I just had a query on site 1. Mr Highwood did also raise concerns about, essentially, that this could mean the land parcelled up into small sections that could then become unviable to farm, and I wonder if we could just have the applicant's response on that particular issue, please.

MR TAIT: So I think that's a matter for Mr Saville, from the land and property team.

MR SAVILLE: Richard Saville, for the applicant. The cut and cover section through there will be a temporary drainage pipe, six inches wide approximately, that will be underground. It will be cut and cover; it will be put in the ground. That very small, slit trench will then be reinstated and the land will then be available once more to agriculture and back to the applicant. The only rights that the applicant would seek would be those of maintenance and inspection over the period in which that particular drainage pipe would be needed.

MR TAYLOR: Ken Taylor, panel member. So just to be clear, your view is that the disruption is limited in time, presumably both putting it in and then removing it, so the two periods of disruption, with some kind of monitoring and maintenance.

MR SAVILLE: That's correct, sir. So in between time, it would be available back to the applicant for agriculture.

MR TAYLOR: Okay, thank you.

MR TAIT: Andrew Tait, for the applicant. Turning to site 2, where there are two issues, essentially. One is the location of the compound on the temporary basis, and the other is the permanent requirements for Chalk Park. And I wonder if I could ask Mr Andrew Kay, who's the lead landscape designer, first of all, just to deal briefly with the location of the compound, and then I'll ask him to deal with Chalk Park. So, Mr Kay.

MR KAY: Andrew Kay, on behalf of the applicant. In terms of the location of the compound, I believe what the intention was trying to only handle the material once. So this was fed in by the location of Chalk Park and mitigation provided. So providing it to the west of the portal location, and in formation of Chalk Park, that would be ideally handling material only once, reduce the number of lorry movements and movements of material around. So that was leading into the overall design, Chalk Park. If I may, I might just briefly summarise the overall design location of Chalk Park itself, as that might try to explain the location, size, and extent of the build mitigation provided. So firstly, I'd just like to point out that Chalk Park isn't just an open space. It does provide embedded mitigation for the project, to mitigate impacts of the project, as well as integrate the portal and the alignment into the surrounding landscape. This provides multi-functional benefits for utilising the surrounding landscape character and available material from the cutting to provide landscape and visual mitigation, habitat creation, and then connectivity and recreational opportunities, which I'll go through briefly. And it does also provide an element of place-making for the project and nearby communities.

The initial drivers for Chalk Park, when we initially came up with the concept, were initial discussions with the Department for Environment, Food, and Rural Affairs, or the Defra families. They did identify objectives for calls for woodland creation, habitat buffering, and the creation of a multi-functional, accessible space to the east of Gravesend in, broadly, this location. And also, the NPSNN requires, in paragraph 4.31, a good design, so the project has been developed to try to be landscape-led, to support the recovery of nature, and to avoid and minimise significant impacts on the environment. So these were

broad drivers for the initial creation of Chalk Park. If I may just outline the primary benefits and designs of Chalk Park, I've characterised these into four broad themes.

The first theme is around the creation of the earthworks. This provides landscape and visual mitigation for the project. We are providing a new alignment and portal infrastructure within this area, and this is very sensitive landscape for which we need to provide integration, and landscape, and visual screening. So the new earthworks provided have been utilising the excavated material from the chalk cuttings and have been designed to integrate the portal by trying to reflect the character of the surrounding context. Found throughout the wider context is developments or villages that are found on the lower slopes of wooded hilltops. So we felt this was an appropriate landscape context to try and locate the portal structure in, utilising the amount of excavate material in this area to try and locate the new portal structure on these lower slopes, a new wooded hilltop that we are creating.

We are also trying to provide habitat creation in this area, which again reflects one of the Defra objectives that I initially outlined, and aiming to create a green buffer between the edge of Gravesend and a habitat corridor that connects from the woodland compensation already provided to the south from around the A2 junction, and to create a wildlife corridor from north to south, between the project route and the edge of Gravesend. Again by utilising the excavated material generated from the cutting, it lends itself to the creation of wildflower chalk grassland habitat. By raising the soil profiles and gradients, we found that we could try to recreate this chalk wildflower grassland habitat by steepening slopes. Steepened slopes lends itself to the creation of much thinner soils, which then creates ideal habitats for chalk grassland and doesn't create competitive species.

So that's formed the formation of why we're trying to create, again, these wooded hilltops. It also forms part of our wider regional landscape strategy, which is outlined in the project design report, part D, south of the river, which is application document 509. And on page 12 of that document there is the regional strategy diagram that shows how Chalk Park forms part of that much wider regional strategy of creating recreational loops and providing connections between open spaces. So Chalk Park forms part of that much wider regional

strategy. And lastly, Chalk Park then has an opportunity to provide a new recreational landscape for residents on the edge of Gravesend. It's within walking distances for those users and receptors, and would provide 35 hectares of public open space, using all the mitigation land that I've previously identified.

There are secondary benefits to the design of Chalk Park as well. The beneficial reuse of the material was widely supported by the Environment Agency scoping opinion, and Kent responses at statutory consultation, to seek additional benefits of beneficial reuse. So by reusing the material in this location – as mentioned, it's located adjacently, the cutting itself – we would avoid project waste requiring to go to other landfill areas around the wider area, which would, if there was to be located off to these wider landfill, that would require an additional 300,000 truck movements on the road network, which we're trying to avoid. This reduction in truck movements will also avoid carbon emissions by about 10,000 tonnes, which is the equivalent of powering 10,500 homes per year. So a secondary benefit is the carbon and waste benefits for creating this holistic design with Chalk Park.

If I may just move on to the – just to respond to the irregular shape, or the artistic boundary approaches. Again, this was designed to reflect the character of the area. Again, if you look at the north of Shorne Woods country park, or Shorne Ifield Road, this does follow an undulating curvature pattern, and this reflects the topography of the area. The area is characterised by this whole series of dry valleys, or dry chalkland valleys and ridges, that run from north to south. So the design of chalk park was looking to replicate that, which is why we've got this bulge that sticks out because that's one of the chalk ridges that have been formed to the north. So we're trying to replicate that and that pattern is found elsewhere around the wider context. We tried to achieve the balance of only taking the land necessary for permanent acquisition to provide habitat creation, so we've only taken the land where we've had to steepen the land sufficiently that it can't be returned back to agriculture.

So we had sought to achieve a balance of land required for mitigation but trying to hand as much land back as possible. So the land to the north of Chalk Park, we have slightly adjusted the profile of them, but they're still to the same gradients and topography of the area so it can be handed back. As I've outlined earlier, where we've raised the slopes to achieve a woodland creation, the

integration of the portal, or the habitat creation of the wildflower chalkland, that's the land that we're looking to permanently acquire. So we have tried to achieve that balance. So in summary, Chalk Park does provide multi-functional benefits that go way beyond just providing the open space and feed into the much wider context that we've been looking at.

MR SMITH: Thank you very much. Okay, Mr Tait.

MR TAIT: So that concludes our response, unless there are any other matters.

MR SMITH: I'll just check with my colleagues – no. In which case, Mr Highwood, I'll just return to you, as it is, essentially, your submission. You've heard what they say. A brief opportunity to put key, final, concluding remarks to us. Do bear in mind, of course, that you can put more substantially finessed material with the benefit of thought to us in writing at the next deadline.

MR HIGHWOOD: Andrew Highwood, Rochester Bridge Trust, I'm grateful to you, sir. Just very briefly, on the functionally linked and the location of the mitigation land for the Ramsar, I think the difference of approach is that we look at the Ramsar as a whole and we accept that part of it is injured. We haven't seen any evidence as to the extent of it, but we just accept that a project of this size being even near the Ramsar is not what the Ramsar would enjoy. But it would appear that the applicant feels that they've got to find some land really close to their portal. And I'm not here as an expert in dealing with environmental matters, but I am the son of a farmer; I was brought up in the countryside; I live for the countryside; as a layperson I know a bit about the countryside. And if the wildlife could speak, I think they would say, 'Do you know, we'd rather move a bit further east,' and, to my mind, the best place to put that mitigation land is where they want to go, not where they're running from. So that's my point on that.

The drainage – this point about the drainage outfall and its relation to the Ramsar came very late to us and I'm not sure that I quite understand or can see that it is quite as fixed as that. And also, about the temporary, the very short period of time that the pipeline will be laid and such, and so, I think if the applicant could give us just a bit more comfort over that, we might see it as not necessarily the problem we had first seen. And my only other comments, I really just want to talk about Chalk Park. Andrew Key is clearly very proud, and he

sees what he has put together as a great offering, and no doubt it is, if indeed we needed one.

And I think, actually, this falls into the category of others who have spoken to you before about the difference between need and want. What I haven't actually seen properly is an explanation as to why – if all of the tunnel arising is going north, why can't the last little bit, which, in terms of volume, is probably in the single figure of percentages, why can't that go north as well, or at least some of it? Why can't the spoil that's being put across Rochester Bridge Trust land be graded in such a way that we can have more of the land back? I think this has been designed with, let's do something which is going to be really impressive that we can distract everybody from what we're really doing and have this champion, and everybody say how wonderful it is. And I'm slightly struggling, myself, knowing the area quite well, to really accept that this pyramid, whatever it's going to be, this 17-metre-high thing, I think it's – I mean, what a wonderful thing to discuss in the same year as Disney celebrates their hundred years. Sorry. I'm grateful to you sir. That's it.

MR SMITH: I've heard you on that point. We've heard you on that point. And obviously, we're going to have to – we note that there is – as we have made, in various remarks, where matters appear not to be settleable, on the fundamental basis, between an affected person and the applicant, we're going to have to take those away, review the applicant's case with very great care alongside yours, and try to make a recommendation, an adjudicatory recommendation, to the Secretary of State that deals with the point. And I suspect that's where this particular issue is going to rest because I suspect you will not move closer to the applicant nor, indeed, do I suspect the applicant, for reasons that they have outlined, will be prepared to move closer to you. So I suspect, as I say, this rests in the basket of adjudications.

MR HIGHWOOD: Andrew Highwood, Rochester Bridge Trust. I'm most grateful to you sir. And also I will make sure that Mr Smyth makes himself available to you on whatever day you say in November.

MR SMITH: I am very grateful. Thank you very much. Yes, no, a very useful reminder from my colleague, Mr Taylor. Just looking at timings, clearly what we have asked for is a reduction to writing of submissions that were made today by deadline 6. In terms of matters of ongoing negotiation, where there are things

that potentially can be settled, viz. the drainage point, if that's possible by deadline 6, maybe, but we note that deadline 6 is also very close. So what we've been saying routinely to people is, however, that it would be very, very useful to us to have final positions set out in writing by deadline 7 because if they arise later than deadline 7, we are into the last three deadlines of the examination, that we loosely refer to as the bounce down, the point at which everybody states their final position in case, everybody cross responds, and then the applicant gets its final say at the final deadline. Now typically, once you're in that bounce down process, it's a little bit too late for new ideas. Things that are capable of settlement, at that point, sometimes cease to be even discussed because everybody's too focused on articulating their final positions. So deadline 7, please, on both sides of the table, if there are negotiable matters that need to be put in as resolved.

Okay, thank you very much for those submissions, and because you're probably not interested in any of the other matters that arise in the remainder of this hearing, do feel free to leave at any point, if you so wish. What I'm then just going to do is to go briefly into procedural mode because I do just want to check with the audio-visual team what the status of our screens is because, of course, we went through a phase of them disappearing and coming back again, but for the last hour and a bit they've been completely stable. Okay. So what we're going to do, because I have promised that we would hear from Mr Bradbrook, and he's sitting patiently here, and I think it would be very wrong of me to take away his opportunity to speak, having offered it to him. Mr Bradbrook, would you wish to speak?

Okay, whilst you're coming forward, there are two other people that I briefly want to check with. Now we do, I believe, have Mr Francis Wilson in the room. Yes. Now, Mr Wilson, apologies for not introducing you in the morning introduction. You were a late addition to the agenda because you made a late request to be heard. What I'm going to suggest we do with you, at risk of troubling you to sit around for a little bit longer, I'm just going to ask the case team to just check with the applicant that the applicant is alive to your specific land interest in the book of reference, so that, by the time you're ready to speak and proceed, they know what you're talking about because I think that's necessary from a fairness point. So that means I don't think you will be 'on'

before the lunch break, if that's not too troublesome. Then, finally, I do note that we have got Mr Peter Trevor Foster in the virtual room now. Now Mr Foster wasn't here for introductions. Again, to flag to Mr Foster that we intend to call individual persons objecting to compulsory acquisition or temporary possession after the lunch break in this agenda. So I just thought I needed to make that clear to Mr Foster as well.

So what we're going to do, because we're going to move to Mr Wilson. As soon as we've heard Mr Wilson, hopefully we'll then get back to agenda order and, Ms Anderson, we will try then and move directly through the Northumbrian Water material, and we hope that we have no more digital glitches. Sorry, not Mr Wilson, why did I say Mr Wilson – Mr Bradbrook. Apologies, Mr Bradbrook. One of these days we'll get this all right. Yes, if you press your button, you'll see a red light and you're then being recorded.

MR BRADBROOK: Okay. I am a resident of North Road in South Ockendon. I will be affected a lot by not only – well, the things that's been raised to me is that there's going to be the M25 compound, which is going to be built just by my properties. I don't know if we have the map to show for it.

MR SMITH: It's possible for the applicant just to draw up the relevant elements of land permits. There's a little bit of –

MR BRADBROOK: Yeah, no, that's fine.

MR SMITH: Excellent.

MR BRADBROOK: Now I'm guessing that none of you are aware of where my properties are. Yeah, so the cursor is being highlighted on them now. After the first DCO was cancelled, the second one, and the [inaudible], this M25 compound was never going to be there at the time. That was added afterwards. Now, as you can see, the access to the compound is going to come in right near our properties. I have had dealings with Highways England, speaking to them, and we have been informed that the initial works were going to be somewhere between one year and 12-24 months of HGV lorries up and down the side of our properties, and then for the construction of this compound. I feel that the impact this will have on not only my life but my neighbours as well, during the actual building of it – I believe that there's going to be some utility works done up and down the field to reach to the compound, and then I've since been reading as well about the works that will begin up and down North Road for the B186

bridge, which will be going over the actual Lower Thames Crossing itself. I believe that there will be some works going on B186 for water management and waste management, which will then be leading up to the compound. So all I really want to do in being here is just raise my concerns for me, myself, my family, how this will affect our lives. It's very difficult because, yeah —

MR SMITH: I know this is hard and appreciate the difficulty of setting out your position, and it's important, though, that you are able to do so, and that we take into account effect on your property. But also, I think one of the important things about this is that we're not going to make an artificial cutline between what we do in this hearing around, essentially, the taking of land or rights, and consideration of the broader planning merits matters, the effects on you and the surrounding environment. So look, if there are any other matters that you want to put to us, given that you're here, please feel free to do so. And then leave it to the applicant to respond to them, and leave it to us to sort out how, in the legal and policy mechanics of all of this, they're then dealt with, in terms of whether they're compulsory acquisition matters or planning merits matters, or both.

MR BRADBROOK: Well what I'd like to know is, really, I feel that there's maybe, have all the ideas of how to construct their compound really been assessed? Do they have to go literally right next to our properties? Do we have to put up with that access being used for the construction of that? There is – yeah, I'm maybe a little bit out of my depth. Sorry.

MR SMITH: Don't worry about it at all.

MR BRADBROOK: I just feel that there's maybe some other areas around there that could be used, not only during the construction of the compound – I believe that most of B186 North Road, where we live on, that is going to be affected, I was reading earlier on, with roadworks going on there, the bridge. If you go just further on from North Road, I mean you don't have to access the map, but as we go into Ockendon Road, Havering Council have put in some road traffic management there, which, even when that's – even in most days, where we are now, traffic can build up to our properties. So we are then talking about more and more roadworks going on down there, how much that's going to affect us as well. Road closures for the bridge; I mean, I don't know but there are people that use the bus stop just outside our properties for access to the stations. How is that going to be affected by road closures and traffic works down there? So

1 there's that as well. And just really, I just want to put – I just feel that that traffic 2 compound there, where it is and how it's affecting our lives for six months, 12 3 months, one year, however it may be, I just feel that it's going to be difficult for 4 us. 5 MR SMITH: Yes. There are difficulties for you, and it is a very substantial change to 6 your local circumstances and your environment. 7 MR BRADBROOK: Indeed. MR SMITH: No, those are clearly made points. Is there anything else in principle you 8 9 want to draw our attention to, before I go to the applicant and ask them to 10 respond? 11 MR BRADBROOK: Just, a) why is that compound, why was it added into there 12 afterwards; b) I notice, the field next to us, if you look at that, above our 13 properties, to the right of the compound, there's a lot of land there. I believe 14 Havering Council have said that part of it they're designating as an area of 15 wildlife. I mean, I've never known, the whole 20 years that I've lived there, I've 16 never known that to be true the whole time we've been there. As far as I'm 17 concerned, it's an ex-landfill site. So you just take on a little bit further on there, 18 I think there's maybe access that could be used, which isn't affecting properties 19 right on their doorstep, that could maybe be used. I also read, earlier on, that the 20 entrance to the compound from what we're looking at, the north, Church Lane, 21 Church Lane has been – I saw there is an outline traffic management plan for 22 construction version [inaudible]. That road has had an HGV ban put on it. Why 23 has that road been - to me, that would be - I'm not just passing on to somebody 24 else, but why does that particular road have an HGV ban on it? 25 MR SMITH: Church Lane running southwards through North Ockendon. 26 MR BRADBROOK: Yes. So I'd like to maybe have answers to why that has been given 27 an HGV ban, and why is the access to that said compound right on our doorstep. 28 MR SMITH: Okay. Thank you very much. Stay put, the applicant will respond. Ms 29 Tafur, are you leading on this? 30 MS TAFUR: I am. 31 MR SMITH: Thank you. 32 MS TAFUR: Isabella Tafur, for the applicant. So just in terms of the division between 33 compulsory acquisition offers, I'm going to address them both, but in terms of compulsory acquisition, the applicant proposes to acquire a half-width of unregistered road outside Mr Bradbrook's property to deliver utilities work.

MR SMITH: So at [inaudible] –

MS TAFUR: Yeah, that's the nature of the compulsory acquisition. We understand that Mr Bradbrook has wider concerns about construction and traffic impacts. He has met, I believe, with Mo Halli, who's the construction lead from the project, who has sought to explain the rationale for the location of the compound and the HGV routes. Originally, there was – well, originally, there has always been a compound at the M25, but it was originally intended to be located in those fields that Mr Bradbrook was identifying a moment ago, but that had to be moved further away because of the wildlife designation. But that does also have the effect of moving the compound further away from Mr Bradbrook's property.

As to the construction traffic impact, HGVs will route past Mr Bradbrook's property. The original expectation was that that would be for 12 to 24 months, until the Hall Road is built, and then access can be taken directly from the M25. In light of concerns that have been raised, further discussions have been had with Balfour Beatty, and there has now been a commitment, in the outline traffic management plan for construction at deadline five, to ensure that the temporary access will be between six to 12 months, so it's been reduced from 12 to 24. So that's an example of a step that has been taken. And there are various REAC commitments to minimise the impacts from construction compounds, which will plainly be in play here.

MR SMITH: Okay, and just so that we're clear, that's as a consequence of bringing forward the Hall Road in programme, so you got it earlier and are able to use it earlier than you'd previously thought.

MS TAFUR: Yes, that's right, and that – it's in REP 5056, that's the outline construction traffic plan – but that was, I believe, also communicated to Mr Bradbrook, I think it was a couple of weeks ago, 12 October. So we do understand his concerns. We have met with him and sought to explain. I appreciate he may still be dissatisfied, but steps have been taken to seek to minimise both impacts insofar as is reasonably possible at this stage.

MR SMITH: Okay, thank you very much. Is there anything else that you need to say?

Before I come back to you, Mr Bradbrook, I trust – as Ms Tafur says, you may not be happy. I'll be fully clear that you've got outstanding concerns and we

will give those very careful consideration, but I trust it's also to a degree evident that some of the matters that you've raised are matters that are being given careful consideration already by the applicant, irrespective of any recommendation we might make. So they're starting to work on trying to resolve some of the matters that you've raised.

MR BRADBROOK: That would be correct, yes.

MR SMITH: Yeah, okay. I've got one consequential question that only fits very loosely also within the framework of a compulsory acquisition hearing but given that we have stepped across the boundary a little into planning merits matters, I am also going to raise. Now I don't expect a detailed answer because you won't necessarily be prepared for it, but it would be something that I'd appreciate if it was addressed in writing. And that relates to security around potential enduring uses in a construction compound. Now I know it's the normal intention of a temporary construction compound to be exactly what it says on the tin, and to be temporary.

The reason, however, I raise this concern is to flag a matter that we will surface when we next have an issue specific hearing on the development consent order, which is that onsite inspections, during accompanied site inspections one to three, certain sites that we inspected that the landowners or agents for which were seeking additional measures now, in relation to LTC, were apparently sites that had formed construction compounds for the M25 construction, had then ended up with a pattern of possibly unlawful continuing uses, followed by certificates of lawfulness, and had transformed themselves, in a way, into almost mini industrial parks.

Now this is not to suggest that there is any inevitability about that happening. In fact, it's quite important, and the reason I'm raising it in relation to, particularly, effects on the access that is at issue here, and also, effects more broadly for residents around any temporary compound, is that we will need to look very carefully at the whole question of end-of-life provisions and closedown provisions and controls for any temporary compound, with a view to making sure that there is a clarity that temporary means what it says on the tin.

So irrespective of the broad questions of whether the project proceeds or not, if we're then into the secondary position of, it proceeds on the following basis, yes, that is an issue that we're going to be thinking about. So I thought it

was only fair to just pop that on the table now. We will be coming to it in later hearings. But I thought it was relevant to your position, sir. Okay, is there anything final that you want to say before we bring your submissions to an end? MR BRADBROOK: No, I don't think so. I think I've put the concerns that I have with it to you in person on that.

MR SMITH: Well, thank you once again for taking the time to come and put your concerns in person as well. I appreciate it.

MR BRADBROOK: Thank you.

MR SMITH: Okay. Let's now move back to the agenda. We still have one or two issues with the immediate monitor screens in front of the examining authority. So again, if we are looking backwards, that's because we are looking at different screens. Oh no, we've lost them as well. Ah, okay. Ms Anderson, we're going to have one more try on a technical fix. It is now nearly midday, which is earlier than we would normally call a lunch, but I would dearly like to enable the Northumbrian Water, Essex and Sussex Water position to be put in front of us, seeing you, also seeing any material such as shared plans, that will assist us to appreciate your case. So what I'm going to suggest we do is that we break now for lunch. Let's count it as midday, even though it's not quite there yet. Will a one-hour recess be long enough for the tech team to actually get through everything? It should be. Well look, why don't we say one hour —

MS TAFUR: Sir, Isabella Tafur, for the applicant. Sir, I know you kindly offered us the opportunity to take some time in respect of Mr Wilson's concerns. We were aware that Mr Wilson was coming today.

MR SMITH: Well we could proceed with him.

MS TAFUR: We could proceed with him if that would be –

MR SMITH: Absolutely. No, that's a very, very good idea. Mr Wilson, are you content with that? You come forward. Okay, so dealing, then, with the slightly difficult position of misbehaving tech, we'll hear Mr Wilson, then we will break for lunch. Let's say that we'll give it an hour and 15 minutes, so that there's a really good chance that they will actually solve the issues that we've been experiencing. And then when we come back after lunch, Ms Anderson, we trust that we will be able to go directly to you and run through your material with no break of further concerns. So Mr Wilson, would you like to come forward? Any of the microphones. When the microphone is red, you are live.

- 1 MR PRATT: It's a white-grey button just underneath the microphone itself, on the base.
- 2 MR WILSON: Ah, good, okay.
- 3 MR SMITH: So you're now live.
- 4 MR WILSON: Yeah, okay. Shall I just start?
- 5 MR SMITH: Yes.

MR WILSON: Well my objection is about a high-pressure gas mains, really. This nationally significant infrastructure problem is vast, but in my little, tiny corner of England, where I live, it results in a high-pressure mains gas line being laid across the middle of my land. The works that will be required are bad enough, which you can imagine, to put that in the land itself, will rain lots of debris down onto my very beautiful corner of England. But at least the works are temporary, you might say. Okay, they are temporary, but the main objection is that although the works are temporary, the gas pipeline is permanent, and having a gas pipeline right across your land means that you are disallowed from doing anything to the land.

So my ambition to do a housing development there is out the window, it's gone. So you can't do many things at all. You can't build a shed; can't lay a road; you can't move trees; you can't plant trees; you can't make hedges; you can't do moulding even. So it's very restrictive and it's permanent, and the utilities company often have to come back to have a look at it, make sure it's alright. So this is a material change in my circumstances. I'm objecting to the gas pipeline because it causes a material change to my circumstances.

However, since I first objected to this, time has moved on because it has taken a long time to get here and have an oral objection. Things have moved on a bit and because I have issued a blight notice to Highways England that requires them to buy my property, that has been accepted. We are now moving to the stage of talking terms, negotiations, so the prospect is that there's light at the end of the tunnel, and probably this issue will, with me, go away. I have to up sticks and move, which is no simple thing. If anybody's moved, you'll know what I mean, but it looks like it might well be resolved.

Thank you for giving me the opportunity to register this objection, because many things may still happen, I guess, and the objection is that this project requires this gas mains right across my land. That's it.

MR SMITH: Very clear, very succinct, very simple. I'm going to turn, now, Ms Tafur, you're leading this.

MS TAFUR: Isabella Tafur for the applicant. Thank you, sir, and we heard and understood Mr Wilson's concerns which you raised at open floor hearing 2, in particular in relation to the pipeline as well as other matters, and we have provided a written response about the liaison with Cadent and Mr Wilson to seek to minimise the impact of the gas pipeline and the design of the gas pipeline which is going to be a thick wall which minimises sterilisation of the land. So we've set that out in our response following open floor hearing 2. That's REP1-85. I don't think it's useful for us to go over that material given it's already in and given, as Mr Wilson recognises, a blight notice has now been accepted by National Highways who sought advice from the Valuation Office Agency, and the VOA has now been instructed to carry out surveys and engage in negotiations with Mr Wilson for the purchase of his property.

MR SMITH: In which case the matter, as you say, Mr Wilson, may resolve, and, you know, we clearly do appreciate the difficulty. If it does in that way, it's still a substantial imposition on you and your personal circumstances and everybody involved in this – I know the applicant does, we certainly do – recognises the nature of the disturbance to you and your life that that may cause.

I think all we can sensibly say is everything that is in the papers already is in the papers already and therefore will receive our best and most careful consideration when we're writing our final report to the Secretary of State, but of course clearly a final document of position as it is known between you – between you and the applicant – needs to come in so that we can make the most accurate reflection of your circumstances that we possibly can in the report and consider. If there's been progress in negotiations with the Valuation Office Agency and the blight notice procedure is continuing, and that's where it stops at the point when the examination ends, just tell us that is the case so that we know what's going on. But if your objection is in any way still sustained, we will take that into account and we will reason on it.

MR WILSON: Thank you.

MR SMITH: Thank you very, very much for attending. Okay, ladies and gentlemen. We have heard everybody physically present in the room who has requested to be heard. We still have a number of interested parties, not least Northumbrian

Water and Essex and Suffolk Water and the Thacker family who are online. Let us now break. It is 12.05. Let us resume at 1.20, ladies and gentlemen. 1.20 – a slightly longer lunch than we would normally have, but that hopefully gives the audio-visual team the time necessary to work over all the cables and try and find out why we cannot see the plans, images and people that we need to see on the screens in the room for a virtual meeting to proceed seamlessly. So we very much hope that work can be done in the break.

Can I just ask, before we break, that if there are technical issues that need a little longer to sort than that break that we've just allowed, if you can get a message to us during the lunch, we will, if need be, extend the lunch by 10 or 15 minutes to enable that work to be completed and tested because I'd much rather start at 1.30 knowing that we are safe for the rest of the afternoon's business, than start at 1.15 and be back in the land that we're in now.

Ladies and gentlemen, we're now breaking until 1.20. Thank you.

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(Meeting adjourned)

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MR SMITH: Good afternoon, ladies and gentlemen. Welcome back to compulsory acquisition hearing 4 for the Lower Thames Crossing. My name is Rynd Smith, lead member of the examining authority. We are now going – as I indicated before the break – to move to initially hear Northumbrian Water, trading as Essex and Suffolk Water. So if, Ms Anderson, you can be ready to introduce your case and team. Once we've heard from Northumbrian Water, we will then move to hear Mr Peter Trevor Foster and then, Ms Thacker, if you're ready at that point and able to participate we'll move on to yourself and such other members of your family as may wish to speak at that point. So if we move and start, then, with Northumbrian Water. Do we have Ms Anderson ready online?

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MS ANDERSON: You do, sir. Good afternoon.

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MR SMITH: And apologies for the wait. We do appreciate that you weren't able to proceed at the time that you were ready to proceed and are very grateful for your forbearance because sometimes there are technical issues with virtual events that

are just quite hard to resolve. So, apologies.

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MS ANDERSON: Indeed, and I do hope our patience today will be rewarded. So, sir, I am Hazel Anderson of Winckworth Sherwood representing Northumbrian

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Water, which I think, as you said, operates as Essex and Suffolk Water in the area of the Lower Thames Crossing scheme. I'll refer to them as Essex and Suffolk or ESW throughout. You may recall from this morning that we have Paul Kelly also in attendance from Northumbrian Water, but I'm expecting to deal with the matters raised and I hope we won't need to call on Mr Kelly's oral intervention. Without further ado, I will move on to answering the questions that you've posed for us.

So on question one – outline of the scope of objections and where we are with negotiations – the current position, sir, on Essex and Suffolk's objections is the fundamental point of concern raised in our written reps, which I think is REP1-265. They remain; that is, that we've not yet managed to reach agreement in relation to removal of plot 24-133 – which is the Linford wellsite – from the order, so as not to interfere with ESW statutory undertaking, and particularly its abstraction licence obligations and commitments relating to future water supply in its latest water resources management plan and its related concerns about water quality from contamination of the source attributable to the Lower Thames Crossing project.

We indicated, I think, back in Issue Specific Hearing five in September, that there had been a meeting on 22 August which we thought at the time was reasonably productive. Since then, there have been three exchanges of a draft side agreement which deals with matters arising from the order and the protective provisions, and indeed the most recent comments on that were received by Essex and Suffolk from the applicant yesterday. We're obviously still taking instructions and considering the comments made on that document with a view to meeting, hopefully, before the end of October or very early in November.

The applicant's latest comments, as far as ESW understands them, and the position between the parties, could be summarised in the following way: that because there is both the side agreement to deal with matters relating to the order powers and protective provisions, and then further commercial agreement to deal with terms for works and water supply from the well in plot 24-133, the parties still need to sort out arrangements giving sufficient comfort to the other, so that the powers over the plot are given up with certainty on connection of the supply pipe connecting over the plot to the well.

Specifically, in relation to compulsory acquisition over ESW's plot 24-133, the applicant has not yet provided wording of sufficient comfort to ESW and therefore these submissions proceed on the basis that there is no agreement and in the absence of an agreement ESW is seeking removal of plot 24-133 from the order.

Whether compulsory acquisition or temporary possession powers are objected to, and why, question two, ESW is continuing to object, therefore, to inclusion of plot 24-133 for both acquisition of rights under schedule 8 and for temporary possession purposes under schedule 11. The reasons for the objection were set out in ESW's written reps, as I say, representation number 1265, in paragraphs five-one to six-five, but I'll enlarge on where the issues seem to be, and I think it may be helpful first of all to make a few contextual points.

First of all, ESW is a statutory undertaker relating to public water supply and has statutory duties and obligations under the Water Industry Act and Water Resources Act 1991. These include domestic supply duties and statutory obligations to produce five-yearly water resource management plans to plan for how such public water supplies will be secured in the next 25 years. It's not a sewerage undertaker. I think it's also helpful to explain that the applicant put Linford Well plot 24-133 within the order limits for acquisition of rights and temporary occupation, but this was not discussed between the parties in negotiations before the application was made. In order terms it's important to note that the applicant has not included any powers itself to abstract water to supply its tunnel boring machines needed for the tunnels. It's wholly reliant on securing an existing commercial supply which is acknowledged by the applicant in its REAC, and I think that is appendix 2 of document AP336 and it's tied up with commitment RDWE-003.

There are, therefore, commercial negotiations with Essex and Suffolk Water over supply of water from the existing wellsite and that takes the form of a works and supply agreement. In its deadline 2 submissions, the applicant has made comments in relation to that plot. I think that document reference, sir, is document 9-53 which is, 'Comments on Written Reps', appendix B, 'Statutory Undertakers', page 7.

So extracts of those comments are that, first of all, the applicant doesn't intend to use the compulsory acquisition powers to ensure access to a water

supply, but it does intend to utilise them in the absence of an alternative agreement between the parties to ensure the rights and restrictive covenants to construct, protect, operate, access and maintain the pipeline associated with the distribution of water from the Linford borehole to the TBM site, promoted as work number MUT6 within schedule 1 of the draft DCO, can be obtained in a lawful manner. Secondly –

MR SMITH: Ms Anderson, can I just stop you there because what I just briefly want to do is to ask a couple of questions in relation to that which are essentially more directed to the applicant, but just to make sure that the applicant picks those up and deals with them in its response to you.

MS ANDERSON: Of course, sir.

MR SMITH: And essentially, what I wanted to check with the applicant was whether it had ever been considered – in terms of the drafting of the DCO – that there might be an alternative approach, and the alternative approach might be one in which the order itself provides a direct power to abstract water? And I'm going to ask then the question which is, if you travel down that road, one, is it viewed – and I'm very interested in your view, Ms Anderson, as well – whether such a power would be in principle intra vires the act, whether it would be lawful. And if it is, then the following question which is if you need the water and you say you can justify that, is there any particular reason why you're pursuing the route that you're currently pursuing as opposed to that?

Now, I know, Ms Anderson, that's a set of questions that are to a substantial degree quite adverse to your client's position, and I'm not asking them out of any sense of indicating that that is what we might expect the applicant to do – rather the reverse. But I think what we need to know is what means lawfully there might be of the applicant achieving the objective that it seems to have set out, and to actually have the complete picture on the table in front of us rather than at the moment what feels a little bit like part of the picture, if that makes sense.

MS ANDERSON: Thank you, sir. Do you wish me to respond to that now?

MR SMITH: You can pick that up now, but the reason I wanted to lay it on the table now was so that we would definitely get a response to that from the applicant as well. So yes, do by all means respond to that now, and then move on to the rest of your case.

MS ANDERSON: Certainly, sir. Far be it from me to advise the applicant, sir, because clearly, they have their own advisors, but one would have thought that it may have been appropriate to include powers to abstract water within a DCO, and I believe that that is a power that it's possible to do. It's certainly possible in other similar consenting regimes and certainly I can't answer for why the applicant did not take such powers. The point is that having not taken such powers, as I said, it is in the position that it needs to rely on securing water from a licensed abstraction and at the moment that licensed abstraction is the licence abstraction of Essex and Suffolk Water at the Linford well. I'm not sure that I could say more than that at this stage.

MR SMITH: Indeed. And look, we'll hear from the applicant on it. There may be a perfectly good reason why in their view it's either not possible, or it is possible, but they've chosen not to do it. But I do think, in the circumstances that you've outlined, we need to understand whether that was – or ever could be – a means of addressing the issue at hand. And obviously then we need to – again, asking the applicant this rather than yourself – to look at schedule 5 to the 2008 Act and look at the matters that, essentially, an order may provide for. So, Ms Anderson, please carry on.

MS ANDERSON: Thank you, sir. So I was explaining that the applicant had made submissions at deadline 2 and it had said it didn't intend to use the compulsory acquisition powers to ensure access to a water supply, but it did want to have them to ensure rights and restricted covenants in relation to work MUT6 which is the pipe from the Linford site to the TBM site. The further point that they made in that submission, sir, was to negate the fact that ESW cannot lay pipes and risk of a successful delivery to the project associated with a non-function TBM, they've sought adequate rights via powers in the DCO.

And thirdly, that it's not the applicant's intent to impede ESW in their undertakings at the Linford borehole site, nor replace ESW as the controller of the site.

So they are – that's the background context that I think is useful for you to bear in mind, sir. Essex and Suffolk considers that the use of compulsory powers in the order to acquire rights over the plot linked to the supply of water for the TBMs is not necessary and it's ESW's view that the applicant does not

in fact have a compelling case in the public interest to include such powers consistent with section 122(3) of the Planning Act 2008.

There appears to be a misconception by the applicant that it must acquire rights over the site to take its supply pipe – that's work MUT6 – to make connection directly with the well, because ESW doesn't have powers to lay the pipe. ESW itself does not have statutory powers to lay a brand new service pipe in third party land for a single customer, which is what is required here for work MUT6. But ESW does have the necessary powers within plot 24-133 – which is its own operational land – to take a supply pipe from the Linford well water supply to the site boundary, and that can connect to the applicant's proposed work MUT6.

In ESW's view, connection to MUT6, and ultimately to the well, can therefore be done from the boundary of the plot and done by agreement, and indeed that is being discussed within the separate works and supply agreement which ESW is willing to enter into on reasonable commercial terms. There's therefore no reason for the applicant, by compulsion, to temporarily acquire the site or to seek powers over it.

MR SMITH: Can I just explore that to make sure that we as an examining authority are completely clear about the thrust of your submissions on that, and that in summary, it is striking me that your proposition is that by acquiring the site of the well compulsorily, the applicant is not acquiring a right to abstract.

MS ANDERSON: That's correct.

MR SMITH: So the compulsion fails to guarantee a water supply to the applicant. So if that's what it's intended for, it's not achieving the objective that the applicant might seek, and your proposition, therefore, is that to the extent that the water supply dimension is not secured by that means, you can see no other – given that you are able to essentially lay out an access point – a stub pipe that could connect to a piece of infrastructure that they could bring to your operational boundary – you can't see any other rationale for the compulsory acquisition of your operational land.

MS ANDERSON: Sir, that's partly it.

32 MR SMITH: Well that's my reason for asking the question.

MS ANDERSON: That's partly it. There's first of all the point that in legal terms – and again, coming back to your earlier question about powers of abstraction – the

applicant doesn't have powers of abstraction so it itself cannot abstract water. It must be reliant, therefore, on an existing abstraction licence which it's currently relying on the form of ESW's abstraction licence at the Linford well. It can't, by compulsory acquisition, secure that abstraction. One can't use – this is becoming rather legal, I'm afraid – but one can't in legal terms acquire the water itself under the land because the water under the land is not said to attach to the land, and therefore, in compulsory acquisition terms, if they acquire the land, it doesn't mean they acquire the water supply itself.

MR SMITH: And the water – the abstraction itself is a separate licensable thing.

MS ANDERSON: Indeed.

MR SMITH: And it requires, therefore – unless they have an agreement with somebody who already holds an abstraction licence, it requires an application for an abstraction licence.

MS ANDERSON: It would indeed, sir. That's correct. And I'm not sure whether technically one can take over an existing abstraction licence either, and indeed, sir, I don't believe that is the applicant's intention. Again, I think in the REAC there – I don't have the reference to hand – but I believe there is a recognition that they would be seeking to make use of ESW's abstraction at the Linford well, but there's no suggestion that they would want to be taking that over, and indeed as we say there are not powers to do that.

Coming back to your question about whether the point here is whether they could simply acquire the wellsite and the point is that they couldn't obtain access to the supply, that the further point is – from Essex and Suffolk's point of view – the further point that we were in contention with is that the actual supply pipe within plot 24-133, if you like, from the well itself across the site to the site boundary, our contention is that that piece of pipe, and therefore any powers over plot 24-133, are not necessary because ESW has the necessary means to lay that piece of pipe, because it's within its own operational land.

The applicant seems to be under the misconception, we think, that ESW can't lay the pipe completely, whereas it's that ESW can't lay the pipe in third party land. It doesn't have the necessary powers, but clearly it can lay the pipe within its own operational boundary. So ESW is also concerned that it's not necessary to take powers to lay the pipe right up to the well. And indeed, sir, in

my continuing submissions, I can explain to you why that doesn't make sense and why those powers, we argue, are not necessary.

MR SMITH: Well, let's have you make those continuing submissions then.

MS ANDERSON: Thank you very much, sir. So I think we were explaining that ESW's connection – ESW's view is that the connection to MUT6 – sorry, I've got the wrong teeth in – and ultimately to the well can be done from the boundary of the plot and done by agreement as is being discussed. There's therefore no reason to temporarily occupy or take rights over the plot to make that connection to the well, and I think this is perhaps the most crucial point.

Furthermore, under the terms of paragraph six of the protective provisions in schedule 14 to the draft order, the applicant can only acquire ESW apparatus by agreement. Therefore, if the applicant were to make out a compelling case for acquisition of a right over the plot – which obviously ESW doesn't think it can – the applicant still cannot itself make a connection directly to the well except with ESW's agreement. The order is predicated on the applicant reaching agreement with ESW for the connection to the well to secure the supply of water, which ESW is willing to do on reasonable commercial terms. So the actual supply of water is dependent on agreement. The applicant can't use its compulsory powers for supply as it's not possible – as I just explained in legal terms – to compulsorily acquire water under the land.

The key point, therefore, is that as the connection to the well itself is – under the terms of the order – reliant on agreement, ESW can see no compelling reason why the applicant needs to secure compulsory powers over ESW's operational land for the final piece of pipe across ESW's site up to the well. That seems neither necessary nor proportionate.

Turning to the tests and guidance more generally, in ESW's view the applicant has not demonstrated that all reasonable alternatives to compulsory acquisition have been explored, and that the interest sought is for a legitimate purpose, necessary and proportionate. The inclusion of powers should only be used as a last resort and here exercise of those powers will not fully address what the applicant ultimately needs, which is to obtain water supply for the TBMs.

Therefore, we don't think that the applicant has made out a compelling case in the public interest in relation to plot 24-133. Furthermore, the balance in ESW's view between the public benefit of acquiring rights over the wellsite

for the construction of a transport scheme is not here to be weighed against a private loss to ESW. The balance is between the public interest of enabling construction of an NSIP road scheme, and the public interest of a statutory undertaker in being able to meet its statutory obligations, including a public water supply need under supply obligations required by the Secretary of State for Environment, Food and Rural Affairs, reflected in its latest water resources management plan, and I can expand on this point shortly.

For any compulsory powers extended over plot 24-133, in terms of section 127(5) of the planning act, these have the potential to cause serious detriment for the carrying on of ESW's undertaking. Such powers, if exercised, will put doubt over ESW's control of or ability to occupy the site, so as to fulfil its statutory obligations, including ongoing monitoring and maintenance of the well and future public water supply obligations, and indeed in relation to water quality issue arising from contamination of the site or the source attributable to the LTC works.

So just unpacking those slightly, the acquisition and exercise of rights over the plot has potential to affect ESW's existing controls over the wellsite including monitoring and running to waste arrangements to prevent local flooding. They are in the written reps which I think I gave you the reference for earlier, and that's paragraphs seven-seventeen and seven-seven-eighteen.

In relations to obligations relating to the water resources management plan and associated works required under that plan to bring the well back into public water supply use, if the powers currently in the order over plot 24-133 are exercised, there will be detriment to the carrying on of ESW's undertaking which cannot be made good by use of other land. There's no guarantee until boreholes are drilled and tested that other sites will actually yield the water supply envisaged. ESW therefore needs to retain uninterrupted control of the well land which is required for public water supply and to agree terms on which it will supply water to the applicant.

And finally, sir, I touched on water quality issues arising from contamination, and although they are not strictly related to the compulsory acquisition in one sense, they are a further potential risk if the applicant were to be in control of the Linford wellsite.

MR SMITH: On that final point, can I just check something, because I guess in terms of the approach taken in provisions that are drafted up in the consent order, there may be an argument that that is a separable matter, and I just wanted to float – and again, the applicant might respond to this as well when they respond to Ms Anderson generally – the possibility that you, all other things being equal – and I know they're not at present – but all other things being equal, you might be prepared to accept some provision, probably in a protective provision, that would frame and secure a regime of testing around water quality and an obligation – a duty – on the applicant to carry that out and maintain water to relevant standards at relevant points in time.

Because if that was something that might work, setting other aspects of

Because if that was something that might work, setting other aspects of this aside, and I know we've gone out with, now, strictly compulsory acquisition, but it might take one element of this disagreement and provide a route forward on it. So I'd be very happy to hear your in principle submissions on the feasibility or otherwise of that before we hear the applicant's response to the whole of your case.

MS ANDERSON: Indeed, sir, and I had a couple of minor further points to make, but on your latest question, I think that – certainly in relation to water quality – that is something that we've detailed in Essex and Suffolk's written reps and we certainly would require some mechanism to deal with monitoring of, if not ESW's existing monitoring being able to continue, monitoring at wellsite and for arrangements – and indeed indemnities, if necessary – for any contamination or pollution which arises from something attributable to the Lower Thames Crossing scheme.

That – quite where that would sit in the order, sir, I think is possibly up for grabs and I can see that it could be something – it's not something that's currently within existing requirements but there is some element of it that could be included in requirements, but I had wondered whether the most appropriate way to deal with this is possibly – and I think we had indicated this before – to have a dedicated article in the order that deals with the Linford wellsite and Essex and Suffolk's concerns there, which could cover compulsory acquisition issues and indeed mechanisms to deal with the water quality issues, and that may be – it may be helpful for you to indicate whether you would find it helpful to consider them all in one package, if you like, in a single article, or whether you

would want to see these as matters that are found in various parts of the order, including possibly requirements and in protective provisions, or whether – certainly on compulsory acquisition we will be expecting that to be either a provision that removes plot 24-133 or it would have to have qualifications on the exercise of powers. So it's partly one for you to suggest how you would like to see it, but certainly there are those various places where it could – where elements of ESW's concerns could sit as amendments to the order.

MR SMITH: Indeed. And look, an indication that I would give at this juncture is that my experience of probably the simplest and clearest way of dealing with multi-factor elements that include a measure of protection – so they are capable of falling within the broad scope of protective provisions – are, in many cases, best dealt with in protective provisions because protective provisions make clear that the provisions bears on the specific party who is the beneficiary and in this case there would be one party that would be the beneficiary. It would be ESW.

And then running to the question of, well, what can you include in protective provisions? Well sensibly you can include in protective provisions – if they are particular to the beneficiary – anything that is more broadly intra vires an order.

And if you're looking for some precedents, you can look at things like protective provisions benefitting Eni UK Limited in the made East Anglia THREE order, or indeed, thinking back in history, the Wilton Chemical Site protective provisions in what was originally, at the point it was made, Dogger Bank Teesside A and B made order. Now that scheme has subsequently subdivided itself into Dogger Bank Sofia and Dogger Bank A. However, in the order as made, there were extensive protective provisions dealing with highly technical multi-beneficiary issues around the operation of an advance integrated chemical plant, as against physical works necessary to deliver the NSIP.

The reason I'm raising those two as immediate examples is because they are examples that I'm immediately aware of, of mechanisms whereby protective provisions ended up being the best place to do really quite complex multi-factor jobs that entailed a measure of protection – that also did other things – but that the Secretary of State was persuaded of the value of making the order in that form. So with fairly complex protective provisions that were deemed necessary,

they were recommended by the relevant examining authorities in those cases and supported by the Secretary of State in decision matters.

So those are just two examples. There are many more, but yes – protective provisions do have the virtue of being able to do that job. If you don't do that job in protective provisions, you will still need protective provisions, but yet there will be other elements of provision in the order that are then found either in the articles themselves, in requirements, or in a freestanding schedule, that also bear upon, potentially, the operation of ESW's undertaking. And I guess merely as an observation, having been dealing with draft orders for a long time, my observation would be better to have such things in one place than in three.

So if protective provisions – if there's no vires argument why protective provisions ought not do it, then protective provisions is probably the best because it can do all of it, if that all makes sense.

MS ANDERSON: It does, sir. That's helpful. We'll certainly bear in mind what you've said and thank you for the helpful examples. We will also obviously consider the vires point and we can consider what is the most appropriate mechanism there.

MR SMITH: Okay. Now you did indicate that you still have some embroidery of the tapestry that needed to go on.

MS ANDERSON: Yeah. It was – I'm nearly there, you'll be glad to know. So we touched on water quality issues. I think just further points I wanted to make are that the applicant, as I indicated earlier, have said in its – I think deadline 2 or deadline three submissions – that it doesn't intend to prevent access to or control the Linford wellsite, but from Essex and Suffolk's point of view, mere intention without a legally binding commitment doesn't really provide any comfort at all to ESW to ensure that its statutory undertaking doesn't suffer serious detriment. And temporary occupation powers, we – although one can argue that temporary occupation powers are not the same as outright compulsory acquisition or acquisition of rights – in ESW's view the same concerns arise whether it's temporary occupation or acquisition of rights over the plot.

So in conclusion, the applicant only needs to make a supply connection. ESW can and is willing to lay the necessary length of pipe within its own operational land for that. The order requires the actual connection with the well only to be made with ESW's agreement. As it's accepted that an agreement is

needed for the actual connection, there appears no reason for the rest of the pipe on ESW's plot not to be dealt with in the same way. ESW has the necessary powers to lay that section of pipe on its own operational land. The applicant therefore doesn't need to take powers to do so, and it cannot make out a compelling case in the public interest. The public interest balance must consider the potential loss or effect in relation to future public water supply and in section 127(3) terms, such powers, if granted and exercised, will cause ESW the serious detriment as we've explained in our submissions.

As to what relief is sought, we've probably dealt with that, sir, but as we said, if agreement cannot be reached, ESW is looking for removal of all powers over the Linford wellsite, so removal of plot 24-133 from schedule 8, schedule 11 to the order, and from sheet 24 of the land plans. If we need to consider also consequences of damage or pollution to the water source, we will certainly give consideration to whether it's through the protective provisions or in a more specific order or requirement – sorry, article or requirement in the order – and we'll certainly give consideration to the best way to address those.

I think, sir, unless I can help you with anything else, that is the end of our submissions.

MR SMITH: Okay. Well I'll just check with my colleagues whether there are any follow up questions from either of them, and I'm seeing the indication no. Before I pass this case across to the applicant – again, I know I've already laid various items on the applicant's table to be picked up, but I think there is an overarching strategic point which again isn't particularly of a CA nature, but it runs to the justification of the CA, so I think it is important that we try and nail this one – which is the proposition that to operate a TBM a substantial and reliable water supply is required. If you can't get the water from this borehole, is there a plan B? Do you – is it your view that the powers that you are currently seeking, including the CA powers over this plot, do essentially provide a security for a sufficient water supply, and if the answer to that last question is a no, then what else – that begs a plan B, be it water from somewhere else, or be it some form of commercial agreement with ESW, or whatever. What is the mechanism that ends up delivering the necessary water supply to the TBM? Now, that's on top of the CA stuff, and, as you'll appreciate, to understand the degree to which the

CA tests are made out. We need to understand that. Okay. Who's leading on this? It will be you, Ms Tafur.

MS TAFUR: Isabella Tafur for the applicant, and I may introduce Keith Howell, who's the utility lead for Lower Thames Crossing. He sits to my left. First, a general overview. We have been in discussion with Northumbrian Water for some time now. We have, at various written stages, responded to representations that they've made. I'll just give you the references for the record. We responded to their written REP2-047. There was discussion about water at issue-specific hearing 5, which is summarised in our post-event submission at REP4-181, and we responded to questions from the panel in respect of sections 1271 and 138 at REP4-173 and REP4-174, and they both address Northumbrian Water specifically.

Aside from that, as you heard a moment ago, we have been engaged in discussions with Northumbrian Water to seek to reach an agreement. Most recently, iterations of the agreement have been exchanged – well, received from Winckworth Sherwood on 10 October, returned by us on 17 October, and I understand another meeting has been scheduled for 2 November. We are hopeful that that side agreement will resolve all of NWL's outstanding concerns. We appreciate it hasn't been finalised yet. We understand NWL reserving their position until such time as an agreement is concluded, but we're hopeful that will resolve their outstanding concerns.

So as to plot 24133, the applicant seeks temporary possession and rights over that plot to enable the installation of the water pipeline connecting the Linford Well to the north tunnel entrance to provide raw water for the TBM, and that's work MUT6. Now, a moment ago, Ms Anderson was outlining NWL's position that that wasn't necessary because they have the rights to lay the pipe up to their own boundary, and that would be sufficient, so there's no requirement for us to obtain the rights over their land. In the statement of common ground with Northumbrian Water, and that's APP-107, at item 2.1.1 –

MR SMITH: Excuse me. Apologies.

MS TAFUR: – at item 2.1.1, I'll just read to you from the entries by Essex and Suffolk Water or Northumbrian Water. This is their entry: 'Essex and Suffolk Water Limited wish all their works to be within the order limits boundary going forward,' and item 2.1.2 – again this is their entry – 'the Linford borehole site is

meant to provide raw but chemically clean water, therefore not potable water under the Water Industry Act, as it's untreated for the tunnel boring machine use. As this is raw water and not potable, Essex and Suffolk Water Limited cannot lay the pipes for that TBM use under the provisions of the Water Industry Act.' So that was the position as the applicant.

MR SMITH: So to the extent that a view has been formed about the powers that you have deemed to be necessary, your submission is that that arose from representations that you received from ESW on a technical basis.

MS TAFUR: Isabella Tafur for the applicant. My understanding is – and I'll have to confirm this with others – is that that was the applicant's understanding in discussions with Essex and Suffolk Water. So I don't know if it was their idea first, or our idea first, but that seems to have been the joint understanding.

MR SMITH: And yet we are now where we are.

MS TAFUR: We are.

MR SMITH: And part, then, of the value of this process is noting that there may have been some history, but noting that there is an immediate set of concerns and either a need for a resolution between parties or an adjudication on contested matters. We need to have enough information in front of us to be able to resolve if we can and/or adjudicate if we have to.

MS TAFUR: Isabella Tafur for the applicant. Well, certainly, sir, from our perspective, we are hopeful, as I say, that all of the outstanding concerns will be resolved through the agreement. In the event that that is not the case, plainly the parties will have to put their final positions to you.

To the extent that there is any doubt as to the ability for Northumbrian Water to lay the pipeline, plainly that's the very sort of circumstance which indicates why it's important to have a backup position, as it were, secured in the DCO. In the event that it turns out that there are any difficulties with laying that pipeline, we would like to have the powers secured in the DCO to put that beyond doubt, and as to your general question about the provision of water for the TBMs, there is an alternative available, but it is not the preference of the applicant to use that alternative.

I'll ask Mr Howell to address you on that. It's always been the applicant's preference to seek to reach agreement with Northumbrian Water, for them to

extract the water and to provide it to the compound. As to the alternative, I'll just ask Mr Howell to address you, if I may.

MR SMITH: Please, Mr Howard.

4 MS TAFUR: Howell.

MR SMITH: Howell. Apologies.

MR HOWELL: Good afternoon. Keith Howell for the applicant. The raw water and the use of it is a conscious decision by the applicant. The alternative would be provided by the route of work number MUT9. Now, MUT9 has a permanent purpose for the north portal building – northern tunnel serving building, sorry – insofar it will provide water for the operation of that building and fire suppression means. To undertake that requires a smaller ball pipe.

If we were unsuccessful in obtaining this agreement to provide the raw water via works number MUT6, we would install a larger pipe through the work number MUT9, or an additional pipe to provide that water supply. Now, the difference in the water supplies is that work number MUT9 connects to a potable water network, which is currently enjoyed and benefited by the residents to the west of compound CA 5. We believe that the demand then increases the risk profile of stresses on that pipeline, and therefore presents an unnecessary risk to that pipeline, which we believe is overcome by the provision of MUT6.

MR SMITH: And in respect of that secondary plan, the power to take water from that — I mean, yes, you've provided for yourself the power to run the pipeline, and there's the permanent need for it, and you could upscale it so you could serve the temporary need as well. In terms of who that water would be being obtained from, who the supplier would be, is that aspect of that also resolved as well? And forgive me if this ought to be patent and I ought to know it, but there's a lot of complexity here.

MR HOWELL: Keith Howell for the applicant. Simply, we'd apply as a customer to the operator of that network – we believe is Essex and Suffolk Water, and we would submit not using the powers of the DCO but as a customer via the existing means.

MR SMITH: Now, looking at respective levels of security, are they obligated to a) respond on demand, and b) respond within timescale, and they may have an answer to that question as well.

MS TAFUR: Isabella Tafur for the applicant. My understanding is that they would be required to respond to a request from a customer for additional water supply, but it may be that Ms Anderson is able to assist with their position on that.

MR SMITH: And it may well be that if that's a matter that can't be resolved here, it gets resolved in writing at deadline 6. Ms Anderson, would it be unfair if we asked that question of yourself? If they were to apply as a customer to take from the potable water supply, are you a) obligated to provide such supply in the volume that they require, and b) are there any limitations as to timescale that you are entitled to impose, or do you just have to deliver it when they ask for it?

MS ANDERSON: Thank you, sir. I'm now fearing that I may get this wrong and I may have to call on Mr Kelly, if he's there, but I'll –

MR SMITH: He's there. He's still online. And we see him. Mr Kelly, welcome.

MS ANDERSON: Are you able to answer that question, or would you prefer me to give it a go first?

MR KELLY: I think I probably can, yeah. As a normal – if we can use that phrase – I should have introduced myself. Paul Kelly for Northumbrian Water, Essex and Suffolk Water. In terms of normal supplies, if I can use that term, normal portable water supplies, then any customer is entitled to request a water supply. In a residential situation, that comes with no strings attached.

In a commercial request, as this one would be, a non-domestic supply, as it's referred to, there are caveats to the supply in that, under section 55 of the Water Industry Act. The water company's entitled to impose restrictions on the supply that govern the amount of water, for example. If that demand would place the company at risk of not being able to meet existing or future supplies to other customers, so the answer is, 'Yes, a supply could be made available via the portable supply system and the process for that, but it doesn't guarantee that the substantial quantities as I understand the TBMs require – wouldn't necessary be available by that route.' Does that answer your question, sir?

MR SMITH: It answers my question to a degree, and I suspect at least places on the table for the applicant the relativities of security of the two options. So, Ms Tafur, do you want to continue then in the light of that answer? This, I'm sure, may end up needing to be a point that is explored between you, and possibly referred back to us in writing, but at deadline 6 if at all humanly possible, please.

MS TAFUR: Isabella Tafur for the applicant. Yes, certainly, sir. We're happy to come back to you with more detail. My understanding is that there have been assessments carried out by the applicant as to capacity of potable water supply, and we think they'd be compatible with the scheme, but we will come back to you in writing on that.

So the intention then, in respect of the Linford Wells site, is to secure the powers to lay the pipeline, and to take temporary possession. The rights associated with the pipeline will subsequently be extinguished and the works removed pursuant to article 37, and it's true that we do require consent from Northumbrian Water in respect of works to their apparatus. That is consistent with the position with other statutory undertakers, but just because we need their consent for works at apparatus doesn't obviate any justification for compulsory acquisition powers. Otherwise, one would never be compulsory acquiring, or there would never be a reason for a compulsory acquisition power in respect of statutory undertaker, where you're seeking their consent for works to their apparatus.

So yes, they do have that additional control to authorise works to their apparatus, but that doesn't mean that compulsory acquisition can never be justified. So as I say, discussions ongoing, hopefully resolved, but our position remains at the present time that it is necessary to retain the powers to lay the pipeline over plot 24133.

In terms of water quality, there have been various discussions between parties again. The applicant recognises that the pond of concern to Northumbria Water – I think it's S10001 – lies in source protection zone 1, but does not consider there'll be any adverse impact on water quality at Linford Well, and this has been assessed and is reported in the operational service water drainage pollution risk assessment, APP-456, and we have explained in REP2-047 a number of controls that are secured for the benefit of Northumbrian Water.

There is included in the current iteration of the side agreement a protective provision which ensures that Northumbrian Water will retain access to its sites that is an access that is no less effective than prior to the exercise of temporary possession powers.

The protected provisions in the DCO already ensure that National Highways can't acquire any apparatus belonging to Northumbrian Water

without their prior consent. There are various REAC commitments which relate to water quality specifically. For example, there's a commitment that ensures that drainage systems will be maintained in accordance with DMRB specification to ensure they continue to operate to their design standard to safeguard surface and groundwater quality.

There's another commitment that secures survey and sampling of the flow regime and water quality of receiving water courses, and there's a further commitment that ensures that ponds at Chadwell St Mary will include permeable lining in order to prevent seepage or drainage discharges into the ground to safeguard potable groundwater quality.

So there are a number of controls already secured in the DCO.

MR SMITH: And can I just check: it's therefore your in-principle submission that there's no need to put anything further, in terms of controls, to underpin or guarantee possible concerns about contamination about the borehole or of groundwater on which it might draw?

MS TAFUR: Isabella Tafur for the applicant. Yes, it's our position that there are adequate controls in place already, which ensure that pollution risk control is adequate to environmental quality standards, and acute pollution risk tests, and there is no need for any further controls.

In respect of monitoring, our expectation is that Northumbrian Water would remain as the extraction licence holder and undertake any monitoring as required under their licence obligations. Albeit, this is a matter that is being discussed in the context of the side agreement as to whether Northumbrian Water carry out monitoring on our behalf which is then reimbursed. So that's a matter that we would expect them to do the monitoring as the extraction licence holder.

As to whether there's any cost recovery between us, that's a matter that's being discussed as part of the side agreement. As to the prospect of an indemnity, again, that's, as you would expect, been discussed, and there's no objection in principle from the applicant to an indemnity in favour of Northumbrian Water, and precise terms of that, again, are a matter of ongoing discussion.

MR SMITH: Okay. There did, however, appear at the core of ESW's submissions from Ms Anderson to be the underlying proposition that, because you are not the beneficiary of the extraction licence, that notwithstanding all of this – there was

the underlying sense from them that none of this would give you a specific right to directly, yourselves, extract water. So somewhere in either the side agreement or on the face of the order, there will, apparently, in their submission, need to be some form of security or guarantee for your ability to obtain that water, either immediately post-extraction, or alternatively, take a power to extract and extract it yourselves.

MS TAFUR: Isabella Tafur for the applicant. That's right. We haven't secured under the DCO a right to extract the water. It has always been our anticipation that that is something that would be agreed with Northumbrian Water. All indications are that that is going to be the case, and there is an alternative available, should it be necessary, but our position is that it is unlikely to be necessary because the agreement is likely to be concluded with Northumbrian Water.

MR SMITH: Yeah. Although, again, around the alternative and what I've been referring to is the relativities of security, subject to those written submissions at the next deadline, we've still got some measure of doubt about the degree to which you have what amounts to an absolute right to call for a consumer supply through an uprated potable water supply at the time of your choosing and the volume of your choosing.

MS TAFUR: Isabella Tafur for the applicant. Understood, sir, and we committed to get back to you in writing at deadline 6, and we will.

MR SMITH: Okay. Right, can I just check with my colleagues? I can see our resident water expert is sitting here with his finger on the button. Mr Pratt.

MR PRATT: Thank you, Mr Smith. Mr Pratt, panel member. I was going through some notes as you were speaking, and this matter has come up before us before at an earlier hearing, and I have a – I suppose it's a quote from the water company, where it says that the Linford Well is likely to be reinstated to the public water supply, and will require it to be returned no later than 31 December 2031.

I was just wondering how that particular date figures with any compulsory or acquisition or temporary or permanent within what we're talking about today, because at that time, you made the comment that alternative supplies were available. You've clarified that again today, but there seems to be this requirement or this expectation that the Linford Well is going to be available,

1 and there seems to be a time barrier in the future, and how is it intended to 2 address that element? 3 MS TAFUR: Isabella Tafur for the applicant. I will ask Mr Howell, because I think that 4 he thinks that we responded to a question on this, but I'm not sure I have it 5 immediately to hand. 6 MR HOWELL: Mr Howell for the applicant. We made submissions regarding this 7 response to examination question 1. Now, I cannot locate them now, so I will 8 follow up with a response, but it's of our belief the use of water for the TBM, 9 and as we will follow up in response to examination question 2, that the water 10 supply for the TBM, raw water shall be concluded by 31 December 2031, and 11 that is in all eventualities. So two TBMs without a delay, one TBM with a delay, 12 and we will make that note. 13 MR PRATT: That's fine. I was just wondering how that was limited or not – your 14 compulsory acquisition requirements of the land where the well is situated, etc, 15 on that particular date. That was where I was coming from, rather than the use 16 of the water, shall we say. 17 MS TAFUR: Isabella Tafur for the applicant. Sorry, sir. Is it whether there should be a 18 restriction on the term in which compulsory acquisition can be exercised over 19 that plot? 20 MR SMITH: Yes, in a simple answer, because if you moved to a point where there is a 21 fixed date at which another use would be made of that resource, unless it's clear 22 that the joint use is compatible, if that makes sense, then if at that point, if that 23 was a hard commitment and you had to then default to your plan B supply at that 24 point, then the basis for CA powers seems to kind of drift away. 25 MS TAFUR: Isabella Tafur for the applicant. Understood, sir, albeit it doesn't appear 26 that we would be in a position to know those things at the time that any DCO 27 was made, so as to limit the rights now – whether – 28 MR SMITH: It could be limited conditional on facts, rather than conditional on a specific 29 date, if that -30 MS TAFUR: It could be conditional on facts. It could potentially be conditional on facts. 31 MR SMITH: So if you had not, as a matter of fact, taken a defined volume of water from 32 the borehole for a period of months, for example, that at that point the formal 33 rights fall away, because – and you are, as a matter of fact, acquiring water from 34 somewhere else. Just thinking about how one might draft it.

Basically, it's a precaution against – and this is a general principle in relation to CA and TP provisions in made orders – a precaution against the maintenance of powers that are no longer necessary, and there have been a number of made orders where conditional powers or sunsetting powers have been incorporated precisely to deal with circumstances where a power is anticipated as being necessary but it ceases to be needed, and the argument then is, 'Well, it should no longer burden the party who it otherwise burdens if no use is being made of the power.'

MS TAFUR: Isabella Tafur for the applicant. I understand the question, and we will give some consideration to whether any drafting would be appropriate to provide that conditionality.

MR PRATT: If I may – Ken Pratt, panel member – my question is based on the assumption of the potential agreement between you, the applicant, and the water company and what they've said is their shutdown clause. I would suggest, Mr Smith, in particular, that any agreement and sunset clause has got to be agreed between those two bodies as well as within the DCO.

MR SMITH: It certainly would need to be based on evidence, and so there wouldn't — what we're not talking about is some sort of irresponsible fiat, but it is about understanding the concrete nature of that piece of information that has emerged about a transfer of that borehole to treated water is used for potable supply, whether or not there's a cut-off date.

Now, those are the first things to bed down, and if those questions are not sure, not clear, unknown, then you're in a very different position to if there's a clear commitment to extract and process water for potable purposes from that borehole on a given date, and if that's secured somewhere, if it's in the water resources management plan, if it's contractual, wherever it might be, if it is formally secured then actually, at that point, we then need to look at – well, 'Are you still able to take the volume of water that you require from the ate after that comes into effect?', and if you're not, we then need to look at how it is provided that the burden of the powers that you're currently seeking is removed in circumstances where you would clearly no longer be using those powers, but if you need to use those powers on an ongoing basis, or it's uncertain because it's just not clear yet, then obviously, we'll consider that story in those terms if that's what appeared to be the relevant facts from both ESW and yourselves.

MS TAFUR: Isabella Tafur for the applicant. We will certainly pick that up in our ongoing discussions with Northumbrian Water.

MR SMITH: Okay. In which case, are there further matters that you want to put to us, or is that your response? As has been the case before then, Ms Anderson, if there are final matters that you would like to respond to, I will go to you.

MS ANDERSON: Thank you, sir. There's just three relatively minor points I'd just like to come back on from what the applicant has said this afternoon, in response to our submissions. The first is just – and it's more housekeeping, I think, but I think they're indicating a meeting on 2 November, and we are yet to respond on that date, but I think that is not going to be the date of the meeting, but we are hoping to come back with an alternative date as soon as possible.

The second point is that the applicant read out sections from the statement of common ground that it submitted as part of the application, making reference to the point about the lane or the pipe, and the powers around that, and sir, I'd just like to point out that in the relevant reps that Essex and Suffolk put in, we did comment — or possibly it was the PADS document, and I'll have to double-check that — that we had noted that statement common ground was drawn up before Essex and Suffolk actually had sight of the order, and therefore, we would stress that the comments made there were made before Essex and Suffolk actually saw that plot 24133 was included within the boundary within the order limit, and therefore, I think you can ignore what that statement refers to.

Thirdly, sir, just I think there was some discussion about necessary controls to groundwater, and the applicant suggesting that there were adequate controls for risk. The position from Essex and Suffolk's point of view, and again, stressed in our relevant reps, the difficulty with contamination of a public water supply is that — and the Secretary of State for Transport has indeed acknowledged this in other circumstances, as we set out — that a risk, however small, remains a risk, which will leave Essex and Suffolk Water with no real recourse if that risk eventualises, and therefore, we certainly welcome what the applicant has said this afternoon, that they are accepting the principle of an indemnity, and we look forward to discussing that with them further in our ongoing discussions.

MR SMITH: Okay, which does take me to a final point, which may be the one that Mr Pratt is hovering on. Well, no, I'll let you go first, Mr Pratt, because if yours is

mine, it's done, whereas is mine is not yours, yours isn't done, and mine is kind of at the end.

MR PRATT: Right. All I was going to ask the water company is to clarify the situation with that deadline date, and their discussions with the applicant in future, to let us know what the actual situation is, because we were talking about an element of unknown a couple of minutes ago. So I would ask that Northumbrian Water or Essex and Suffolk Water can please clarify that position with the applicant, and eventually, with ourselves.

MR SMITH: Yeah. The deadline date, of course, being the date at which you would propose to transfer that borehole back to the supply of the water you would treat and use as potable.

MS ANDERSON: Thank you, sir.

MR SMITH: Okay. Now, my final, final matter, which wasn't that but relates to that, is simply just as a reminder on timescales, which is to say that we've asked for a certain number of things to be done by deadline 6, but critically, for matters where there are outstanding negotiations and consideration around timing of meetings, looking at those meetings already happening after deadline 6 in early November, I just wish to flag that 17 November is deadline 7, and as I've said to a number of people in this set of hearings already, deadline 7, realistically, is the last sort of free deadline, for want of a better description. It's the last deadline at which we can receive positions from parties that we can then still take into account, just, and potentially pick up in hearings which are still to follow, or – we very much hope not to, but in rule 17, information requests, which might follow before the closure of the examination.

Critically, also, it's the last deadline before the beginning of what we refer to as the bouncedown, which is from deadline 8, where, essentially, the exchange of very broad, final positions starts to take place between the applicant and parties, that are the responded to at deadline 9, and then what amount to closing submissions, particularly by the applicant, are made at deadline 10. So realistically, deadline 7 is the last examination where things can still be fluid and subject to negotiation. So what we would very much like to focus both the applicant and ESW on the desirability on if there is going to be a common position on some of this stuff, getting it into us at the absolutely latest by deadline 7.

1 Any other observations? Nope. In which case, Ms Anderson, thank you 2 very much for those submissions. We'll obviously take them very carefully into 3 account. 4 MS ANDERSON: Thank you very much, sir, for allowing us the opportunity. 5 MR SMITH: Thank you. Let us then move on. I gather that we do have Mr Trevor 6 Foster available now, and Mr Foster, you – 7 MR FOSTER: I'm here, sir. Thank you very much. 8 MR SMITH: Thank you. Now, as I understand it, you are speaking on your own behalf, 9 but I gather that you will make some general points on behalf of the Thacker 10 family as well. Is that correct? 11 MR FOSTER: Well, mildly so, sir. Mrs Thacker, Jackie Thacker, is also attending as a 12 virtual observer, and as part of the objection family, and what I propose, with 13 your permission, sir, is to make a statement so far as the Thacker objection in 14 general, and then call upon Mrs Thacker to explain in more detail, if that is 15 agreed as being the resident occupier of that property. 16 MR SMITH: Okay. Well, that seems fine as far as we're concerned, but just to be clear 17 so that we know the remit of your submissions, you are also speaking on your 18 own account, as we understand. 19 MR FOSTER: On my own – yeah. So far as my second objection is concerned, I'm 20 speaking on behalf of the objector [John White?] in relation to land at [Heath 21 Road?] in Orsett, which I would like to expand upon. Mr White, my client, is 22 not with us today, but I can expand on the detail of the objection when you feel 23 appropriate. 24 MR SMITH: Okay. Well, let's start then with your submissions in relation to the Thacker 25 family, then we'll move on and allow Mrs Thacker to speak. Are you able to 26 switch your camera on? 27 MR FOSTER: I thought it was on, sir. 28 MR SMITH: Not within our room, I'm afraid. 29 MR FOSTER: No. 30 MR SMITH: No. Don't worry if not, but if you can, it – 31 MR FOSTER: Oh, hang on. One second. 32 MR SMITH: We will just be able to see you. 33 MR FOSTER: There we are. Is that...? 34 MR SMITH: No.

1	MR FOSTER: I'm in a corner of my screen here at the moment. I think I may need to
2	adjust the camera. Ah. Is that better? No. It keeps —
3	MR SMITH: No. Don't worry about it. I think you're seeing yourself, but the signal
4	isn't carrying the image of you through. Let's just deal with this by voice
5	connection.
6	MR FOSTER: By voice connection. Thank you very much.
7	MR SMITH: We will do our best.
8	MR FOSTER: Right, so far as the Thacker objection, if I can introduce myself: I'm Peter
9	Trevor Foster. I'm a fellow of the Royal Institution of Chartered Surveyors and
10	a member of the Institute of Rating and Valuation. On this objection, I represent
11	my clients of Thacker family of Whitfields Farm, Stifford Clays Road, Orsett,
12	who are the owners of the unencumbered freehold interest in numerous parcels
13	of land surrounding their grade 2, listed farmhouse, which is situated at the
14	junction of Fen Lane with Stifford Clays Road, in the parish of Orsett.
15	At this juncture, it might be appropriate to introduce a plan of the location
16	there, and its relationship with both the proposed road and the compound that is
17	going to be in close proximity to that. I don't know if you have that available to
18	see it.
19	MR SMITH: We can certainly look at the land plans and just move ourselves to the right
20	spot, and if the applicant is able to put up the relevant plan, just focusing on
21	Baker Street and Stifford Clays Road –
22	MR FOSTER: The junction of the two. It's at the junction of the two.
23	MR SMITH: – corner, leading up as far as –
24	MR FOSTER: That's fine. That's perfect. Thank you very much, and the compound is
25	to the top left of that plan, if it can go
26	MR SMITH: Yeah. Can we just zoom out a little bit? No, out of a little bit.
27	MR FOSTER: The other way around. That's better. That's fine. Thank you very much.
28	First of all, just to introduce the location and the description of my client's
29	property holding, it comprises principally of a 17 th century listed farmhouse. It
30	occupies about 12 acres, which is marked, but it falls outside the red line, the
31	relevant boundary, but it does venture north as far as a road called Green Lane,
32	which I can't quite see on your plan, but it comes –
33	MR SMITH: It's a little bit further to the north.

MR FOSTER: Yeah, that's it. That's it. You've got it. Yeah, fine. Thank you. So they have a main frontage to Stifford Clays Road, and a return frontage for much of its length to Fen Lane, running down from the crossroads with Baker Street. As I say, their acreage is about 12 acres, and the farmhouse and the several substantial outbuildings are occupied by one family as a permanent UK sole residence for the Thacker family, and they have been, for the last 50 or more years. To the immediate south, there's the Kings Arms public house, also fronting Baker Street, with residential properties to the west thereof, including further –

MR SMITH: Mr Foster, we have visited both on an accompanied and an unaccompanied basis, once in the company of Mrs Thacker herself, but we've also walked all four legs of the junction at the heart of Baker Street.

MR FOSTER: I'm pleased to hear it.

MR SMITH: So we're very familiar, I hope.

MR FOSTER: With the location. I probably don't need to inform you, then, that the property itself, the farmhouse itself, enjoys undisturbed open views across the Orsett Fenn, with distant views of Brentwood beyond. I should add at this juncture I am a former local resident of the area, and I practised as a surveyor for more than 50 years involving properties throughout the areas of the proposed road. So the location benefits from very easy access to most amenities, including a bus service, local shops, schools, etc, and Grays town centre and mainline railway station within about 15 minutes' drive.

Now, as far as the history of the client's objection, I'm advised – I should add that I've only been recently instructed by the Thacker family to represent them in respect of this proposal – that when the LTC proposals were first announced some five or six years ago, they endeavoured to secure reassurances from National Highways regarding the size of buildings, plants, etc, that would be sited on the proposed compound, which lies within sighting distance of their property, and obviously, will be in full view for an interminable length of time, potentially devaluing that property and disturbing the relative peace and quiet of their surroundings.

It is accepted that assurances have been given that the scheme places no requirement for land to be taken from the property other than for subsoil rights in respect of both Fen Lane and Stifford Clays Road, which are the subject of

negotiations as we speak, but the client lacks information on the appearance and the hours of work that will apply with the compound and it is an issue of great concern to them. They have enjoyed peace and quiet for the past 50 years and it would be of significant benefit for National Highways to explain a number of matters which I will leave for Jackie Thacker to detail when she is called to give evidence.

I think their objection would be quite simply satisfied by a clear understanding being given by National Highways, by the applicant as to timing, the length that the compound will be in operation. The suggestion is being made that this could well last the lifetime of the actual full construction of the highway from beginning to end, which is not a particularly thrilling prospect, but clearly, the hours of work, the lighting, the size of buildings that are going to be erected, would be of major concern.

Another issue, and one can understand why this is raising concern, is that National Highways are seeking subsoil rights over Fen Lane, which, as you can see, and which I'm sure you have seen yourself, sir, is a pretty narrow country lane, and the fear is that that might, on a change of circumstance, be used as an access to get to the compound. I hope that doesn't come about.

MR SMITH: Mr Foster, I can't recall, actually, whether you were in the hearing and listening at the point earlier on today when we heard from a representative with a very similar concern, Mr Dean Bradbrook, where there was an issue about the degree to which access would be made on an existing farm track in his case, and some questions were then raised about whether a construction compound could then be served by a haul road along the alignment, how long it would take to get that haul road into place and therefore what, if any, medium to long term use there might be of the original lane access as opposed to haul road access along the alignment.

Now, it feels to me as though we're probably in a similar place here, that if the applicant was able to give you some reassurance about the nature of the use that would be made of Fen Lane, whether that is the primary access or not, or any limitations as to time scale that they might accept on that, then you might be a little happier. The Thacker family might be a little happier than they currently are.

MR FOSTER: I think they would be very – it's really – conversely – to Mr Bradbrook's objection in that, as I understand it, National Highways propose an access to the compound off Stifford Clays Road, which seems eminently sensible, but if that is the case, why do they need subsoil rights down Fen Lane? Perhaps the applicant could give an explanation for that. There are services going down Fen Lane which may perhaps be a reason, but I'll wait to hear their confirmation.

MR SMITH: I think the best thing we can do on those questions is allow the applicant to say their piece, but before they do, you did speak about introducing Mrs Thacker. This is her home, amongst other things, and I think it would be a very good idea if Mrs Thacker speaks her own piece now, if she's content to do so. Then the applicant can respond to everything.

MR FOSTER: I would welcome that. So Jackie, if you're available.

MS THACKER: I am.

MR SMITH: And Ms Thacker, do, please, if you're able to, pop your camera on and we'll be able to see you as well.

MS THACKER: Hello there. This is Jackie Thacker. I'm resident at Whitfields Farmhouse, corner of Fen Lane, Baker Street area. Yes, regarding temporary acquisition of the subsoil rights along Fen Lane and Stifford Clays Road, I understand that they're basically for utilities work, which I don't know, haven't anything enlarged upon on that. What concerns me is how, when these utilities works are carried out, the duration of the time that they will be carried out in, the nature and volume of the traffic using access to carry out the works, the duration, how long it would be, the extent of the traffic, the hours that they work and whether that is, in effect, now proposing to access the compound from Fen Lane, which I understood was not going to be in with the plans. As I understood it, the sub-road was being made from across the Mardyke, where we viewed on the site visit. They were building an inroad and the temporary access would be from Stifford Clays Road.

I just want reassurance that it's not going to be the temporary access from Fen Lane. They say the compound is temporary, but it's temporary in the fact that – I was given the impression it would be for the duration of the construction period. So 'temporary' could be about six years, which is a long piece of string for 'temporary,' but if that could be clarified, and also the working hours of the compound within that, the lighting and everything, what will be situated within

the compound. If we knew that, then at least we'd have something positive to work on. I think that's all I've got for my point on that. It is basically how long Fen Lane would be used by heavy goods vehicles and the number of movements expected by these vehicles during the course of the works that they've got to carry out. Thank you.

MR SMITH: Indeed. No, thank you very much, Ms Thacker, and if the applicant is able to speak on those points – obviously, there's the strictly directly connected points of subsoil rights over Fen Lane, but there is the slightly broader point of the purposes to which Fen Lane might be put, the duration of those, etc, and indeed, the broader question of the nature of activities in the construction compound and other means of access to it.

MS THACKER: Thank you.

MS TAFUR: Isabella Tafur, for the applicant. Thank you, sir. Now, plainly Mr Trevor Thacker and Ms Jackie Thacker have attended open floor hearings 1 and 2, and they've raised a number of these concerns, in particular in respect of the Stifford Clays Road compound east to which we have responded in writing in REP2-053. As Ms Thacker just explained, the acquisition of their rights relates, again, to [inaudible] and that's for utilities works and I understand Ms Thacker's concerns to understand a bit better what exactly is proposed and what's likely to be involved and I will ask Mr Howell in a moment to address you on those. There are then concerns about the Stifford Clays Road compound east, and again, members of the team have met with Ms Thacker and discussed these concerns.

In brief summary, the compound, it's approximately 6.7 hectares. It's going to have space for car parking, offices, welfare facilities and storage. Around half of the site is going to be set aside for earthwork stockpiling. Fencing will be put in place to provide noise and visual screening. Access is going to be for the first six to 12 months via the A13 and then Stifford Clays Road while an additional route is constructed, which will then take the traffic via Medebridge Road and into Stifford Clays Road. This is set out in REP5-056 in table 4.2, and so my understanding is that the traffic won't be routing for the main works site – leaving aside the utilities for a moment, won't be routing past the Thacker's property, and I will just ask Mr Howell to cover utilities because I understand they are keen to have as much information as possible.

MR SMITH: No, that's fine, and just to be clear, so that's not just an issue of access, not using Fen Lane, but it is also access, apart from a very early initial stage, not 2 3 using Stifford Clays Road either. 4 MS TAFUR: I think it still comes in through Stifford Clays Road even when the 5 alternative is not A13. It's not A13 Stifford Clays Road, but I think it does still 6 ultimately come in through Stifford Clays Road. 7 MR SMITH: Okay, but wouldn't pass the frontage of the Thacker's property. It wouldn't pass the frontage of the Thacker's property. 8 9 MS TAFUR: No. 10 MR SMITH: Because the entrance is further down. 11 MS TAFUR: Exactly that, in either of the scenarios. 12 MR SMITH: Yeah, okay, let's hear the detail then on Fen Lane. 13 MR HOWELL: Mr Howell, for the applicant. Keith Howell. Let's keep it informal. I 14 will quote from schedule 1 of the draft DCO REP5-024 and the applicable work 15 number is work number MUT-22, as shown on sheets 33 and 35 of the works 16 plans and being the temporary installation of multi utilities to include the 17 installation or diversion of underground utilities connections for the construction area work number CA-11 within a multi-corridor along Fen Lane for 18 19 approximately 1,860 metres in length. Now, what that means in a real sense, is 20 outside their property – is where the existing telecommunications network and 21 the potable water ends. So we're going to connect from there and then continue 22 them networks north to the location of CA-11 within the highway boundary. 23 MR SMITH: Okay, now the scope of that, as I would understand it in normal terms 24 would be that you would be trenching along Fen Lane and inserting a water main and inserting some telecommunications cable, and that would be the sort of work 25 26 that you might see on a country lane, in very general terms. 27 MR HOWELL: Keith Howell for the applicant. That's exactly what we foresee. 28 MR SMITH: And once that's done, the purpose of the subsoil acquisition is addressed. 29 MS TAFUR: Yes, that's right, sir. That's the reason that those rights are being acquired, 30 is to carry out those utility works under the road. 31 MR SMITH: And for no other purpose. 32 MS TAFUR: No, no other purpose. 33

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MR SMITH: Okay. Well, Mr Foster.

MR FOSTER: Mr Chairman, on a point of information, I happen to know the service routes quite well in this part of the world, and my daughter used to own a property in Fen Lane itself. As far as freshwater supply is concerned, the main water pipe runs across a field to the east of Fen Lane from the vicinity of Orsett Village. It does not go down to Fen Lane to the best of my knowledge, but there is also, regrettably – and it's another matter that I represent my clients on, there is a very major pumped foul water drain that runs from a pumping station adjacent to a property called Poplars Farm and runs diagonally across the backfield of Whitfields Farmhouse. 10 Now, we are in pretty advanced negotiation with Anglian Water Authority over this. Regrettably, it was the case of an easement having been granted many, 12 many years ago, before my client's occupation and ownership, but it has been, 13

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regrettably, for the past 20 years, the subject of major breaches and disruption. The company now propose to divert that pumped rising main, which I believe is known to the applicant, so that it causes less damage to my client's property, so you can probably begin to understand why my clients are extremely nervous and concerned over both items of the foul water pumped main, and now of course the temporary compound, but I thought I'd just interrupt, if I could, at that stage – which it may be of some help to the applicant, if they didn't already know of that information.

MR SMITH: Okay, well, they may respond to that briefly, but I did see Ms Thacker's hand go up, and again, being very, very strongly conscious that it is Ms Thacker's home that we're talking about. So Ms Thacker, did you want to just come back?

MS THACKER: Yes, I just wanted to say thanks for making that clear that it is utilities and it will not be an access road for the compound. The services – obviously, it's going to need sewage control and that pumping station there, the pipe has burst so many times over the past years. Recently, it was February and then October last year, hence the rerouting of the sewer pipe, but from that pumping station, they don't think that will serve anymore. It's at its limit now. So have National Highways, the applicant, taken that into consideration and that's just an offshoot from there, and that's –

MR SMITH: Well, look, there is a practical individual question that they may be able to answer now, or if not, in writing by the deadline, as to whether they had any intention of using that foul sewer at all. There's a little bit of a conference going on. Ms Tafur.

- MS TAFUR: Isabella Tafur for the applicant. The answer is not quite a yes or no, but it
 was not the part that they're concerned about, the pumping station. I think we're
 making a connection to the foul sewer at a different point which wouldn't engage
 the pumping station and we were aware of the pumping station issues and I believe
 we've provided a response in writing at one of the deadlines and we will give you
- MR SMITH: Okay, fine, and apologies if we are going back over old ground but I do
 just want to make sure that we've teased out the bits of this that are CA-relevant
 and bits that are potentially solvable and the bits that are ongoing objections.
- 10 MS THACKER: Thank you for that.

11 MR SMITH: Ms Thacker, are you content with that?

the reference to that in the next deadline.

- 12 MS THACKER: Yes, I'm fine. Thank you very much for the answers.
- MR SMITH: And can I just check, on the original agenda we did also have Wayne
 Thacker and your husband John Thacker. I trust he's well, but you're speaking for
 the entire family.
- MS THACKER: I am. John's had to been on babysitting duties, Wayne's had to work, so I'm on duty for the hearing, so thank you for that.
- MR SMITH: Well, thank you for appearing. Okay, can I then go back to Mr Foster and to the question of your other client, Mr White? Now, what I would like to do before we start here is if you can clarify the location of Mr White's property and the plot number please, because I will be frank with you, we have been searching the book of reference and the land plans and at the moment struggling to locate.
- 23 MR FOSTER: Okay, well if you could put up a plan which shows the most sensible landmark to go by is a public house called The Fox in Heath Road, Orsett.
- MR SMITH: The Fox in Heath Road. Is that something that can be located by the applicant's team?
- MR FOSTER: Right, yes, that's helpful. Right, if I can point you, sir, to the area coloured blue and it's got reference 29-242 in the centre of it.
- 29 MR SMITH: Yes.
- 30 MR FOSTER: Okay.
- 31 MR SMITH: Yes, and I'm with you now. We can locate the property. So we're off the
- astern frontage of Heath Road where Heath Road travels south –
- 33 MR FOSTER: Correct.
- 34 MR SMITH: of the A1013.

MR FOSTER: That's it, fine. I represent Mr John White of Heath Place Farm, Hornsby Lane, Orsett, who's quite close by to this subject land and who's the owner of the unencumbered freehold interest in this site, which was formerly known as Whittaker's Nurseries in Heath Road. Now it's currently vacant land, so I'm not sure if you've managed to carry out an inspection of this part of the —

MR SMITH: We absolutely have, yes.

MR FOSTER: Good, thank you.

MR SMITH: Unaccompanied, I have to say. This has not been in the company of the applicant or any of the owners, but we have viewed that area extensively.

MR FOSTER: Thank you. It's an almost impenetrable area of wooded area because the nursery use, which was more or less a garden centre in the modern sense of the word, ceased about eight or nine years ago, and it's lain vacant and unoccupied and unused all throughout that time, so it's covered with dense vegetation. It lies, as you can see, adjacent to The Fox public house, which is on its southern boundary and then a terrace of houses to the north. I think they're numbers 202 to 220 Heath Road, which is outside the development boundary. To the rear, you have open fields and Heath Road itself runs roughly north-south to the south of the A2013[?] and it links up to the south with the built-up area of Orsett Heath and Chadwell St Mary.

The location benefits are quite unusual for what is very much a semi-rural area. It has the benefit of all main services, including main drainage, in Heath Road. Again, it's a very accessible part of the countryside, being only a 10-minute drive from Grays town centre and the mainline railway station. Now, getting to the history of the site and its connection with the Lower Thames crossing proposals. This site was originally unaffected by the LTC proposals when the present route was finally chosen out of the three original routes. Now, the original route set for diversion of high voltage overhead power cables, was to be taken over the terrace of cottages that lies to the north, and which comprised not only that terrace of cottages, but also a very large modern detached house to the rear thereof.

Now, at that time, active steps were taken by many of the owners to exercise their rights to serve blight notices under the act, all of which were accepted by Highways England, as they were known then, and were unopposed by them, and who then proceeded to purchase. Now, within an uncomfortably short period of time, amendments were made to the utility diversions, as far as I could see, without

any public consultation, such that the overhead lines would now be taken across the subject site owned by my client, thus ruining the prospects of what are, in my opinion, quite immediate development prospects.

We are now faced with the situation that, of the 12 properties that were originally affected by the diversion of overhead cables, eight are now in the ownership of the applicant and in my opinion do not really face any realistic chance of being resold because of the proximity of both the new highway itself and, of course, the overhead cables passing across my client's land. I have put these representations before National Highways, with a request that they give urgent consideration to returning to the original route. Having acquired a vested interest in the majority of those cottages to the north, it made sense, I think, in the interests of protecting the public purse to go back to that route because the subject site is ripe for development in my opinion.

It has already attracted interest from residential developers. My client obtained the views of architects and planning consultants some time ago to assess the ability of development. There is a layout plan, which I hadn't tabled, but it provides for 24 detached houses on that land. The local authority, probably well known by you, sir – that the local authority are in some difficulties in many respects of their organisation. They have no local plan. They are faced with a target of new housing which they have consistently, year on year, failed to reach, and it is my view that the loss of this land to development would be a severe and regrettable loss to the area. Any development of this land would probably attract affordable housing – again, much needed and required in this location, and which the Secretary of State, of course, has consistently welcomed the addition of similar sites to provide such housing.

There would appear to be no alternative other than returning back to the original route of the power lines across the rooftops of the terrace of houses, but if it was possible to vary the current route of the power cables to a point where it passes over the public house to the south, or very close to it, then there might still be a possibility of retaining some development rights on part of my client's site. I have endeavoured to plead that argument with the applicant, but, to date, that does not appear to have been possible. I would urge the examining panel to consider a direction to the applicant to try and divert these cables away from this site or away

from the bulk of the site to enable a much needed development for housing. Thank you.

MR SMITH: Okay, thank you for those submissions, Mr Foster. Unless there's another issue of principle in support of your client's objection – if it turns on the matters that you've put before us, namely the proposed location of the cable diversion and the history in relation to the individual cottages fronting Heath Road that you suggest, pursuant to blight notices, most of which are now in the ownership of the applicant, I think we've got a very clear picture. Does anybody else need any further information? And obviously, we will take account of what you've said, but I think in fairness, we should allow the applicant to respond to the issues that you've raised. So unless there are any other different points about that land that we need to take into account that do bear on the compulsory acquisition/temporary possession position, then I'm proposing to move to the applicant. Is there anything else that you need to add?

MR FOSTER: No, I'm perfectly in agreement with that direction, yes.

MR SMITH: Okay, excellent. Right, Ms Tafur.

MS TAFUR: Isabella Tafur for the applicant. There was originally some consideration given to an alternative alignment for the overhead lines OH-6 and OH-7. The rationale for the current alignment is discussed in the ES alternatives chapter, APP-141, concluding at paragraph 3.28.24, which explains that there's been discussion with National Grid, Thurrock Council and Design Review, and the diversion route that is currently in the application was then included in the 2020 supplementary consultation and it has been in there ever since. Now, we understand that Mr White has some development aspirations for this site. However, he did buy the site, or the company, Whittaker's Nurseries Limited, of which he is a director, did buy the site in November 2021.

That was well after the supplementary consultation had shown the impact and the rights that will be required over those plots, which was again set out in the design refinement consultation later that year. Since that time, the plots on this site have always been required for the utility works of all stages. So the land was acquired in knowledge of the impacts of the scheme. National Grid have concerns about alignments of electric cables going over residential properties and that in part was the rationale for the current alignment which avoided those residential properties.

MR SMITH: Yes. Now, if I can just ask you a couple of questions on the proposition that the majority of those properties are now in your ownership pursuant to blight notices. Is that factually correct or not?

MS TAFUR: Isabella Tafur for the applicant. Some of them are, as I understand it. I don't know whether they could be described as 'most', but certainly it's not all.

MR SMITH: Right, is it possible for us to see a plan at deadline 6 that identifies the ones that are? So that's the factual question, but the second question is, and this is maybe a matter that I – Mr Foster, I normally return to a submitter after we've heard the applicant's response, and you can pick this up in your closing remark, but Ms Tafur, there was an implicit suggestion in the thrust of Mr Foster's submission, that because some of those properties were now owned by the applicant, that the passage of a utility alignment across their air would somehow no longer be a concern. Can I just ask you the question, to the extent that you even know, what would be the applicant's medium-term intentions about the property that it has acquired as a result of blind notices? And if it's to return it to residential use, then – is that the case? Is it proposed to sell that property and return it to residential use now the issue, as you see it, of the alignment position, is resolved?

MS TAFUR: Isabella Tafur for the applicant. So I've been helpfully informed that there are 12 residential properties on Heath Road Terrace. Five of those have been acquired or are currently in conveyancing, so that leaves – sorry, five have been acquired and one is in conveyancing, so that leaves six that have not been acquired. Of the ones that have been acquired by National Highways, I think the majority of them are currently let out for residential purposes, and generally the strategy at National Highways is to then sell those properties once the works for the project have been carried out. So it's not the intention to permanently take them out of residential use.

MR SMITH: Okay, so there should be no, in your submission, matter of assumption on anybody's part that somehow or other the fact that they happen to be in your ownership at the moment means anything about their future land use. Okay, that's clear on your part. Factually as well, I think, to assist us in consideration of this submission, the identification of the individual properties that have been acquired or are in the process of acquisition would be useful because there's a very different set of circumstances. If a whole block of them have been taken as against a distributed pattern where some neighbours have sold and others haven't, in which

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33 34 case we are still looking at, again, what must be treated as a residential neighbourhood. Okay, Mr Foster, I'm going to give you an opportunity to respond briefly on the outstanding points as you see them, having heard Ms Tafur's response.

MR FOSTER: Thank you. Well, I'm not surprised at the applicant's response, but I would, however, question the accuracy of the information that they've given you regarding the cottages, because I happen to have acted for all of those cottages that have been purchased, as valuer, for the previous owner. I can't now accurately number the properties that have been purchased, but they do include a very modern house at the rear of that terrace, which I'm not sure you can see on your plan, but that, I think, is known as 224. So perhaps if you're asking the applicant to detail those property numbers, they would do well to also include that property at the rear of that terrace, as it does form an essential part of my submission.

I don't think I need to trouble you, sir, with any further representations. I would, and still maintain, a view that a re-sighting of the proposed routes of the overhead cables further south would enable some development of my client's site. I presume that these are all overhead cables because the road interferes with them being underground, unless of course, they were put underground and a pylon was put to the opposite side of the site of Heath Road. I don't know whether that is a practical proposition. I've not investigated it, but that's perhaps something else which the applicant might like to consider with National Grid. I think I'll leave my submission as stated, and if any further information comes to light which I would want to cross-question, then I will be happy to do so in writing by the deadline.

MR SMITH: There's possibly just one more question that you might want to take on notice, Mr Foster, and respond to us at deadline 6. Obviously, a substantial element of that submission rests on the in-principle likelihood of a development solution emerging on that land, and so it would interest us just to confirm the question about whether that land, amongst other things, is subject to any presumptive policies that would indicate against development, particularly a question of whether that land is or is not in the green belt.

MR FOSTER: It is in green belt, sir, as protected land, but in the absence of a local plan with the planning authority at the present time, there is clearly a presumption for development to take place with very special circumstances attending that proposal. I believe that there have been and there are special circumstances in the absence of

1 the LTC, and that has been tested in the very near vicinity and approved by the 2 Secretary of State on appeal. So the principle of green belt has been challenged and 3 has been rewarded with consent on a number of other sites nearby. 4 MR SMITH: Okay. Now, sensibly, that was a new issue that I threw onto the table there, 5 so I must go back to Ms Tafur and just see if she briefly wants to address us on that 6 at all. 7 MS TAFUR: Isabella Tafur. Nothing further from me on that, sir. One question. We 8 do actually have the plan that shows those properties that have been acquired or are 9 to be acquired, and I wondered if you would like to look at them on the screen now, 10 while we're here. 11 MR SMITH: Excellent, as long as it's then put into the next [inaudible], so that we can 12 have it in efficiently. Can you talk us through the different colourations? 13 MS TAFUR: Yes, blue is acquired by National Highways and orange is blight 14 application approved. 15 MR SMITH: Okay, so it's very much in the disparate pattern model rather than the 16 consistent whole model. Okay, Mr Foster, that may be new to you, so a right, 17 finally, just to make a very, very brief observation on that. MR FOSTER: Well, I can agree – and thank the applicant, for producing this very 18 19 quickly for us. It does amount to, if you count the orange, which is the property in 20 the process of conveyancing, it amounts to seven properties, plus the property at 21 the rear, if my sums are right, which is the site of the very large modern house at 22 the rear, which was also purchased under blight notice procedure. 23 MS TAFUR: Isabella Tafur for the applicant. It's not very clear on that plan, but there's 24 the large plot to the rear, which then swings around, and beneath that, there are what 25 seem to be two plots, but they're a single property. MR SMITH: Right, so what's marked as two polygons is a single ownership. 26 27 MR FOSTER: Yeah. 28 MR SMITH: So we've got one, two, three, four, five, six. 29 MR FOSTER: Six individual plots, plus the large one at the back, seven. 30 MS TAFUR: I think it's six, including the large one.

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MR SMITH: Yes, that was my count.

MR FOSTER: Plus the one that's in the course of conveyancing.

MR SMITH: We're all speculating now. Let us stop speculating and let us ask the applicant to submit this at deadline 6 with a note and then it will be clear. Okay, Mr Foster, thank you very much.

MR FOSTER: Thank you.

MR SMITH: I think that then brings us to the end of your submissions to us, which also then brings us to the end of today's agenda. So at that point, I'm going to move on just very briefly to talk about next steps. Tomorrow we will be back in a very different mode, no longer dealing with compulsory acquisition matters. We will be dealing with issue specific hearing number 8 in relation to construction-related matters, and my colleague Mr Taylor will be in the chair. Then on Friday, as I've indicated, we're conducting an accompanied site inspection to the south tunnel compound of the HS2 Chiltern Tunnel.

As I already indicated, that is an access controlled process, which means that whilst it is an accompanied site inspection, accompaniment is limited to the representatives of the applicant and the relevant local planning authorities, as well as the examining authority, so Gravesham and Thurrock will be in attendance and representing the public there. Then, on Monday 23 and Tuesday 24 October, we have issue-specific hearing 9, broadly on biodiversity matters, and 10, on traffic transportation and non-motorised user matters. We are in the process of finalising the details for the subject matters of hearings that we'll be holding in November.

So in our November hearing slot, very, very shortly, you'll see our formal notice of the matters to be dealt within those hearings. We do also have hearings reserved in December, but I will flag that those are reserved very specifically if required, only to hear those additional affected persons who make representations arising from the proposed changes to the application that invoke the compulsory acquisition regulations. We will hold those hearings if they are required, but obviously, if they're not, we will not hold them.

So unless there's anything that anybody else wishes to raise of a procedural nature, I only need then to take this opportunity to thank everybody who's spoken today for their contributions, and again, as is normal in these proceedings now, to assure you all that we will be taking everything that you said very carefully into consideration, and, again, I would very much like to support the audio-visual company and the case team for their continued support for these hearings. So, to my panel member colleagues.

1	MR PRATT: Good night, everybody. Ken Pratt.
2	MR TAYLOR: Ken Taylor, panel member. Thank you, everybody, for today. Good
3	evening.
4	MR SMITH: And this is Rynd Smith, lead member of the examining authority. Thank
5	you very much, and compulsory acquisition hearing 4 is now closed.
	you very much, and computsory acquisition hearing 4 is now crosed.
6	(Masting concluded)
7	(Meeting concluded)