

Southampton to London Pipeline Project

Deadline 2

Draft SoCG with Thames Water
Application Document: 8.4.09

Planning Inspectorate Reference Number: EN070005

Revision No. 1.0

November 2019





Southampton to London Pipeline Project

Statement of Common Ground Between: Esso Petroleum Company, Limited and Thames Water

Date: October 2019

Application Document Reference: B2325300-JAC-000-CIV-REP-500017



Signed	
Printed Name	Tim Sunderland
Position	SLP Project Executive
On behalf of	Esso Petroleum Company, Limited
Date	

Signed	
Printed Name	
Position	
On behalf of	Thames Water
Date	

Contents

1.	Introduction	2
1.1	Purpose of Document	2
1.2	Description of the Project.....	2
1.3	This Statement of Common Ground	2
1.4	Structure of the Statement of Common Ground	3
2.	Record of Engagement Undertaken to Date	4
2.1	Pre-application Engagement and Consultation	4
2.2	Engagement Following Submission of Application	5
3.	Matters Agreed	7
4.	Matters Not Agreed	10
5.	Matters Subject to On-going Discussion	11
6.	Relevant documents and drawings	12
6.1	List of relevant documents and drawings	12
7.	Appendix A.	13
7.1	Response to Preferred Route Consultation (1)	13
7.2	Response to Preferred Route Consultation (2)	14

1. Introduction

1.1 Purpose of Document

- 1.1.1 A Statement of Common Ground (SoCG) is a written statement produced as part of the Application process for a Development Consent Order (DCO) and is prepared jointly between the applicant for a DCO and another party. It sets out matters of agreement between both parties, as well as matters where there is not an agreement. It also details matters that are under discussion.
- 1.1.2 The aim of a SoCG is to help the Examining Authority manage the Examination Phase of a DCO application. Understanding the status of the matters at hand will allow the Examining Authority to focus their questioning, and provide greater predictability for all participants in examination. A SoCG may be submitted prior to the start of or during Examination, and then updated as necessary or as requested during the Examination Phase.

1.2 Description of the Project

- 1.2.1 Esso Petroleum Company, Limited (Esso) launched its Southampton to London Pipeline Project in December 2017. The project proposes to replace 90km of its 105km aviation fuel pipeline that runs from the Fawley Refinery near Southampton, to the West London Terminal storage facility in Hounslow. In spring 2018, Esso held a non-statutory consultation which helped it to select the preferred corridor for the replacement pipeline. In autumn 2018, it held a statutory consultation on the preferred route for the replacement pipeline. In early 2019, it held a second phase of statutory consultation on design refinements.

1.3 This Statement of Common Ground

- 1.3.1 This SoCG has been prepared jointly by Esso as the applicant and Thames Water as a Relevant Statutory Undertaker. Thames Water supplies water and waste water treatment to large parts of Greater London, Luton, the Thames Valley, Surrey, Gloucestershire, Wiltshire, Kent, and some other areas of the United Kingdom.
- 1.3.2 For the purpose of this SoCG, Esso and Thames Water will jointly be referred to as the “Parties”. When referencing Thames Water alone, they will be referred to as “the Consultee”.
- 1.3.3 Throughout this SoCG:
- Where a section begins ‘matters agreed’, this sets out matters that have been agreed between the Parties.
 - Where a section begins ‘matters not agreed’, this sets out matters that are not agreed between the Parties.



- Where a section begins 'matters subject to ongoing discussion', this sets out matters that are subject to further negotiation between the Parties.

1.4 Structure of the Statement of Common Ground

- 1.4.1 This SoCG has been structured to reflect matters and topics of relevance to the Consultee in respect of Esso's Southampton to London Pipeline Project.
- Section 2 provides an overview of the engagement to date between the Parties.
 - Section 3 provides a summary of areas that have been agreed.
 - Section 4 provides a record of areas that have not yet been agreed.
 - Section 5 provides a list of ongoing matters (if any) that will be agreed or not agreed by the Parties during examination.
 - Section 6 provides a record of relevant documents and drawings.

2. Record of Engagement Undertaken to Date

2.1 Pre-application Engagement and Consultation

2.1.1 The table below sets out the consultation and engagement that has been undertaken between the Parties prior to the submission of the DCO application.

Date	Format	Topic	Discussion Points
11/12/2017	Correspondence	Project introduction	The project sent a letter to the Consultee including: <ul style="list-style-type: none"> • Map of current route • Project timeline • Project introduction
19/03/2018	Correspondence	Non-statutory (Corridor) consultation launch	The project sent the Consultee a notification of launch letter (as a potential future statutory consultee). The Consultee did not respond to the consultation.
30/05/2018	Correspondence	Preferred corridor announcement	The project wrote to the Consultee to announce the preferred corridor.
27/06/2018	Correspondence	Initial Working Route	Project update regarding Initial Working Route release.
05/07/2018	Meeting	Project introduction	Initial meeting with the Consultee's Technical Engineer, Site manager for the Queen Mary Reservoir and Savills, the Consultee's Land Agent. There was a project overview and an overview of the DCO process. The parties discussed the two route options in the area.
05/09/2018	Meeting	Project update	Follow up meeting with project update.
06/09/2018	Correspondence	Launch of first statutory (Preferred Route) consultation	The project sent the Consultee a notification of launch letter (as a statutory consultee), in line with the Planning Act 2008. The Consultee provided two responses to the consultation – see Appendix A.
08/10/2018	Correspondence	First statutory (Preferred Route) consultation	The Consultee's Developer Services team requested a copy of the Shape files for the route. The project sent copy of the files on 09/10/2018.
25/10/2018	Correspondence	Protective Provisions	The project emailed a copy of Protective Provision - Part 1 for the protection of electricity, gas, water and sewage undertakers to the Consultee's Developer Services team.
04/12/2018	Correspondence	Protective Provisions	The project emailed the Consultee's Developer and Engineer as a follow up asking if they require copy of the latest route alignment Shape files/CAD files as shows new alignment along Ashford Road.

Date	Format	Topic	Discussion Points
18/12/2018	Correspondence	Protective Provisions	The project sent the Consultee's Strategic Development Manager a Shape file of the route.
19/12/2018	Correspondence	Protective Provisions	The Consultee's Strategic Development Manager sent the project a plan showing the preferred provisional alignment Shape file overlaid on Thames Water's supply area plan.
08/01/2019	Correspondence	Protective Provisions	The project chased comments on Protective Provision.
21/01/2019	Correspondence	Protective Provisions	The project contacted the Consultee's Developer Services team to chase comments on Protective Provisions and requested its legal contact details to engage with them directly.
21/01/2019	Correspondence	Launch of second statutory (Design Refinements) consultation	The project sent the Consultee a notification of launch letter (as a statutory consultee). The Consultee did not respond to the consultation.
27/03/2019	Correspondence	Final route release	The project issued a letter announcing the final route for the replacement underground pipeline.
28/03/2019	Correspondence	Hydrotesting	The project requested water quality and details on sewers commissioning water could be discharged into.
02/04/2019	Correspondence	Development Consent Order (DCO)	Sent the Consultee's Developer Services team a copy of Draft DCO and schedules 1, 2, 9 and 11.

2.2 Engagement Following Submission of Application

2.2.1 The table below sets out the consultation and engagement that has been undertaken between the Parties since the submission of the DCO application.

Date	Format	Topic	Discussion Points
10/05/2019	Correspondence	Protective Provisions	Received comments from the Consultee on Protective Provision wording.
13/05/2019	Correspondence	Protective Provisions	BDB (Esso Legal representatives) instructed to engage with the Consultee on Protective Provisions
20/05/2019	Correspondence	Hydrotesting	Consultee responded to hydrotesting enquiry saying to contact TW Trade Effluent Team.
19/07/2019	Correspondence	DCO	The project sent response to the Consultee's Developer Services team with regards to comments on the Draft DCO.



Date	Format	Topic	Discussion Points
24/07/2019	Correspondence	Protective Provisions	BDB sent the Consultee's Developer Services team a revised set of Protective Provisions following comments received. A draft agreement documents between both parties was also emailed.
26/07/2019	Correspondence	Relevant Representation	The Consultee registered as an Interested Party with the Planning Inspectorate by making a Relevant Representation.
10/10/2019	Correspondence	SoCG	The project issued revised draft SoCG.
18/10/2019	Correspondence	SoCG	<p>The Consultee acknowledged receipt of SoCG and document being reviewed internally. Consultee requested Cad file of route alignment.</p> <p>The project sent Cad file of DCO order limit/ limit of deviation alignment on 21/10/2019.</p>

3. Matters Agreed

3.1.1 The table below sets out the matters agreed in relation to different topics.

Examining Authority's suggested theme	Topic	Matter agreed	Reference
	General	It is agreed that the Consultee has no objections to the proposed pipeline alignment.	
The effects on existing apparatus and infrastructure	Design	<p>The Consultee agrees to the crossing of the Queen Mary intake channel and the Laleham intake channel being trenchless.</p> <p>It has no objection to the SLP pipeline being located along the western side of the River Ash.</p>	Set out in scheme design taken through to application.
	Engagement	Contact and discussion will be maintained with the Consultee during detailed design and ahead of construction as per protective provisions.	
Water environment effects including flooding effects and risks and drainage Water quality The effects on existing apparatus and infrastructure	Construction	<p>Crossing the Laleham intake channel and the Staines Aqueduct subject that the design and methods of construction do not detrimentally impact on the structures and any settlements associated with construction are kept to a minimum to be agreed. This will be agreed as per protective provisions.</p> <p>In submitting the Applicant's plans to the Consultee pursuant to protective provisions, it will demonstrate that:</p> <ul style="list-style-type: none"> Runoff across the site will be controlled by the use of a variety of methods including header drains, buffer zones around watercourses, on site ditches, silt traps and bunding. 	Protective Provision DCO requirements and REAC

		<ul style="list-style-type: none"> There will be no intentional discharge of site runoff to ditches, watercourses, drains or sewers without appropriate treatment and agreement of the appropriate authority (except in the case of emergency). The pipeline as laid will not lie within existing source protection zone 1 (SPZ 1) areas associated with licensed abstractions. The inclusion of remotely operated valves to allow isolation of sections of the pipeline if required. 24-hour remote monitoring of pipeline operation to detect leaks and enable remote shut down of the pipeline if required. Stockpiles in Flood Zone 3 or areas of High or Medium surface water flood risk do not exceed 25m between breaks. Breaks in between stockpiles will be at least 5m. Breaks will be located opposite each other on either side of the excavation where practicable. 	
	Crossings	The project has committed to ensuring that trenchless techniques are to be used for all crossings of trunk roads, motorways and railways.	See REAC
The effects on existing apparatus and infrastructure	Commissioning	The Consultee agrees it has no objection to water being abstracted from their mains during testing and commissioning of the pipeline with appropriate agreement.	
Water quality	CEMP	The project has committed to ensuring that the Construction Environmental Management Plan (CEMP) will follow the principles set out in the Outline	See DCO requirements and REAC

		<p>CEMP and will set out the water mitigation and management measures and where they will need to be used. These measures will include, but not be restricted to, the following:</p> <ul style="list-style-type: none">• details of when de-watering will be likely;• measures to segregate construction site runoff from natural catchment runoff;• details of measures to attenuate runoff rates before discharging at controlled rates to receiving watercourses;• design of any holding or settlement lagoons or other treatment system required prior to discharge to the environment;• details of mitigation measures for all work or compound areas located within flood risk areas;• where construction activities will be located, preferably outside of the floodplain; and• details of any water abstraction and discharge points relating to the works.	
--	--	---	--



4. Matters Not Agreed

4.1.1 The table below sets out the matters **not** agreed in relation to different topics.

Examining Authority's suggested theme	Topic	Matter not agreed	Reference



5. Matters Subject to On-going Discussion

5.1.1 The table below sets out the matters subject to ongoing discussion.

Examining Authority's suggested theme	Topic	Matter subject to ongoing discussion	Reference
Protective Provisions	Protective Provisions	The Applicant has engaged with the Consultee on Protective Provisions and legal discussions are ongoing.	

6. Relevant documents and drawings

6.1 List of relevant documents and drawings

6.1.1 The following is a list of documents and drawings upon which this SoCG is based.

Application Reference	Title	Content	Date
EN070005 Document 3.1	Draft Development Consent Order	Draft Development Consent Order requirements	14 May 2019
EN070005 Document 6.2	Environmental Statement	Report of the Environmental Impact Assessment	14 May 2019
EN070005 Document 6.4	Environmental Statement Appendices	Additional data and evidence to support the Environmental Statement	14 May 2019



7. Appendix A.

7.1 Response to Preferred Route Consultation (1)

Thames Waters concerns are specifically regarding the proposal to lay the pipeline in the narrow strip between the reservoir embankment toe and the River Ash and the potential implications on the safety of the reservoir structure. There are significant technical challenges involved in constructing the pipeline in this location, in particular around excavations within the support zone of the reservoir associated with crossing the river Ash and of any localised ground dewatering associated with construction and the implications on the movement of sand deposits from beneath the embankment as well as the changes to the hydraulic gradient within the thin puddled clay core cut off wall within the embankment and potential for hydraulic fracture.

In addition, and perhaps more importantly, the presence of an oil pipeline within this zone would represent a significant risk /impedance to us dealing with maintenance or emergency issues with the reservoir should an issue develop with the requiring emergency action and excavation within this strip. The consequence of any delays in dealing with a reservoir emergency due to the presence of the pipeline in the toe could be enormous and not acceptable to Thames Water.

Thames Water would have no objections should the route be located along the western side of the River Ash (in a location similar to the current oil pipeline) ie away from the reservoir embankment

Thames Water would have no significant objections to the pipe line crossing of the Laleham Intake channel and the Staines Aqueduct, subject to ensuring that the design and methods of construction do not detrimentally impact on the structures and any settlements associated with construction are kept to a minimum to be agreed.

There is a better potential option to consider, on Thames Water's land that runs on a line between H1 a and H1b. This is on a line within the Thames Water Gravel working site on a line to the east of the Ashford Road.

7.2 Response to Preferred Route Consultation (2)

Section: Section A: Boorley Green to
Bramdean

Question: 1.1.1 Do you favour the sub-option A1a or A1b?

No preference between sub-options

Question: 1.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 1.1.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 1.1.3 Please give any further details about your response on sub-option A1, in particular information about specific locations.


The following code was applied to this response:

SA1 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

No Thames Water assets are to be impacted.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 1.2.1 Do you favour sub-option A2a or A2b?

No preference between sub-options

Question: 1.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 1.2.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 1.2.3 Please give any further details about your response on sub-option A2, in particular information about specific locations.


The following code was applied to this response:

SA2 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

No Thames Water assets are to be impacted.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 1.3 Please give your comments about section A as a whole or outside the sub-options, in particular information about specific locations.

The following groups have been applied to this response:


O - Process request,
SA - Suggestion - Other - compensation,
SA - Support with caveats

Collation status: Collation complete

Response:

Thames Water have reviewed the information provided within the section A and doesn't object to any of the sub-options. This is based on the understanding that proposed pipe installation works are carried out in accordance with drawings supplied within the Consultation Brochure pages 20 to 21. Please advise Thames Water if these plans change so that we can re-assess the risk to our assets.

Please bear in mind that Thames Water will hold the client and any relevant contractor/subcontractor liable for any losses incurred or damage caused to Thames Water assets arising from construction works or subsequent use of the facility.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 1.3.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 1.3.1.

Question: 1.3.1

Installation (including engineering and maintenance)
Safety (during and after installation)

**Section: Section B: Bramdean to
South of Alton**

Question: 2.1 Please give your comments about section B, in particular information about specific locations.

The following groups have been applied to this response:


O - Process request
SB - Concern - Installation - utilities impact,
SB - Suggestion - Installation - mitigation

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.

As part of Section B the following assets will require safeguarding:
1. Hawthorn Road: 375mm internal diameter foul sewer that is laid at 2.4m deep.
2. A32 eastern verge: 450mm internal diameter foul sewer that is laid at 2.4m deep.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 2.1.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 2.1.1

Installation (including engineering and maintenance)
Safety (during and after installation)

**Section: Section C: South of Alton to
Crondall**

Question: 3.1 Please give your comments about section C, in particular information about specific locations.

The following groups have been applied to this response:

O - Process request,
SC - Concern - Installation - utilities impact,
SC - Suggestion - Installation - mitigation

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.

As part of Section C the following assets will require safeguarding:


SU7643 - 125mm raising main - 125mm internal diameter raising main (uPVC), located on the northern strip of Gid Lane - 476127 / 143054

SU7643 - Gid Lane (Upper Froyle) Sewage Pumping Station. - Located on the southern part of Gid Lane - 476453 / 143402

SU7643 - Manhole SU76434402 - Manhole Located in the middle of the field on 150mm sewer - 476453 / 143403

SU7643 - 150mm internal diameter gravity sewer - Froyle Road, Lower Froyle: The sewer located on the northern strip on the road at approximately 4m depth. - 476755 / 143776

Access to Gid Lane (Upper Froyle) Sewage Pumping Station has to be maintained in agreement with Thames Water at all times.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 3.1.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 3.1.1

- Installation (including engineering and maintenance)
- Safety (during and after installation)

Section: Section D: Crondall to Farnborough

Question: 4.1.1 Do you favour sub-option D1a or D1b?

No preference between sub-options

Question: 4.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 4.1.2


- Installation (including engineering and maintenance)
- Safety (during and after installation)

Question: 4.1.3 Please give any further details about your response on sub-option D1, in particular information about specific locations.

The following code was applied to this response:
SD1 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:
No Thames Water assets are to be impacted

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 4.2.1 Do you favour sub-option D2a or D2b?

D2b

Question: 4.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 4.2.2

- Installation (including engineering and maintenance)
- Safety (during and after installation)

Question: 4.2.3 Please give any further details about your response on sub-option D2, in particular information about specific locations.

The following groups have been applied to this response:
L - Roads - Sandy Lane,
SD2a - Suggestion - Installation - mitigation,
SD2b - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:
Thames Water would prefer sub-option D2b as this would not impact Thames Water assets.

If sub-option D2a is to be chosen, the following Thames Water assets will be impacted:

SU8151 - 150mm internal diameter gravity sewer - The sewer is located in the middle of Sandy Lane - 481863 151614 (OS Coordinates)

SU8151 - Manhole SU81519602 - Manhole is located in the middle of Sandy Lane on the - 150mm foul sewer. - 481903 151604 (OS Coordinates)

 [View the pdf submission \(opens in a new tab/window\)](#)



Question: 4.3.1. Do you favour sub-option D3a or D3b?

D3b

Question: 4.3.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 4.3.2

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 4.3.3 Please give any further details about your response on sub-option D3, in particular information about specific locations.

The following groups have been applied to this response:

SD3a - Suggestion - Installation - mitigation,
SD3b - Support - Installation - reduced utilities impact


Collation status: Collation complete

Response:

Thames Water would prefer sub-option D3b as this would not impact Thames Water assets.
If sub-option D3a is to be chosen, the following Thames Water assets will be impacted:

SU8251 - 150mm internal diameter gravity sewer - The sewer is located in the Tweseldown Racecourse - 482040 151770 (OS Coordinates)

SU8251 - 150mm internal diameter gravity sewer - The sewer is located in the Tweseldown Racecourse 482023 151754 (OS Coordinates)

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 4.4.1 Do you favour sub-option D4a or D4b?

No preference between sub-options

Question: 4.4.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 4.4.2

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 4.4.3 Please give any further details about your response on sub-option D4, in particular information about specific locations.


The following code was applied to this response:

SD4 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

No Thames Water assets are to be impacted.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 4.5 Please give your comments about section D as a whole or outside the sub-options, in particular information about specific locations.

The following groups have been applied to this response:

L - Roads - Ewshot Lane,

O - Process request,

SD - Concern - Installation - utilities impact,

SD - Suggestion - Installation - mitigation

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.

SU8150 - 150mm internal diameter gravity sewer - The sewer is located in the northern strip of Ewshot Lane - 481145 150327 (OS Coordinates)

Question: 4.5.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 4.5.1

Installation (including engineering and maintenance)
Safety (during and after installation)

Section: Section E: Farnborough to
Bisley and Pirbright Ranges

Question: 5.1.1 Do you favour sub-option E1a or E1b?

E1b

Question: 5.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 5.1.2

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 5.1.3 Please give any further details about your response on sub-option E1, in particular information about specific locations.

The following groups have been applied to this response:

L - Natural spots - Cove Brook,
SE1b - Suggestion - Installation - mitigation,
SE1b - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Thames Water would prefer sub-option E1b as this would impact less Thames Water assets that sub-option E1a.

As part of Sub-Section E1b the following assets will require safeguarding:


SU8555 - 250mm raising main - 250mm internal diameter raising main (Cast iron), located within Cove Brook Park grounds - 485434 155329 (OS Coordinates)

SU8555 - 225mm gravity foul sewer - 250mm internal diameter gravity foul sewer (Cast iron), located within Cove Brook Park grounds - 485414 155452

SU8555 - 750mm gravity surface water sewer - 750mm internal diameter gravity foul sewer (concrete), located within Cove Brook Park grounds - 485421 155539

SU8555 - FW MH SU85554501 - 2.19m deep foul water manhole located within Cove Brook Park groundss - 485487 155557

SU8555 - SW MH SU85554551 - 1.19m deep foul water manhole located within Cove Brook Park groundss - 485489 155554

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.2.1 Do you favour sub-option E2a or E2b?

E2b

Question: 5.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 5.2.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 5.2.3 Please give any further details about your response on sub-option E2, in particular information about specific locations.

The following groups have been applied to this response:

L - Natural spots - Cove Brook,
L - Roads - Cove Road,
SE2b - Suggestion - Installation - mitigation,
SE2b - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Thames Water would prefer sub-option E2b as this would impact less Thames Water assets that sub-option E2a.

As part of Sub-Section E2b the following assets will require safeguarding:

SU8555 2 no x 375mm gravity foul sewer 375mm internal diameter raising main (unknown material), located within Cove Brook Park grounds 485658 153653

SU8555 FW MH SU85556604 2.58m deep foul water manhole located within Cove Brook Park grounds on the existing 600mm concrete foul sewer. 485664 155654

SU8555 600mm gravity foul water sewer 600mm internal diameter gravity foul sewer (concrete), located within Cove Brook Park grounds 485664 155654

SU8555 225mm gravity foul water sewer 225mm internal diameter gravity foul sewer (concrete), located within Cove Road 485738 155663

SU8555 100mm gravity surface water sewer 100mm internal diameter gravity foul sewer (concrete), located within Cove Road 485738 155663

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.3.1 Do you favour sub-option E3a, E3b or E3c?

E3a

Question: 5.3.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 5.3.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 5.3.3 Please give any further details about your response on sub-option E3, in particular information about specific locations.

The following groups have been applied to this response:

L - Natural spots - Queen Elizabeth Park,
L - Roads - Holly Road,
L - Roads - Prospect Road,
L - Roads - Stake Lane,
L - Villages - Farnborough,
O - Editor's note,
SE3a - Suggestion - Installation - mitigation,
SE3a - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

[Editor's note: E3b also ticked]

Thames Water would prefer sub-option E3a as this would impact less Thames Water assets that sub-option E3b and E3c.


As part of Sub-Section E3a the following assets will require safeguarding:

SU8656 175mm gravity foul water sewer 175mm internal diameter gravity foul sewer located within Stake Lane 486257 155974

SU8656 FW MH SU86552903 2.33m deep foul water manhole located within the junction of Stake Lane with Prospect Road on the existing 175mm foul sewer. 486257 155974

SU8656 150mm gravity surface water sewer 150mm internal diameter gravity surface water sewer located in front of 38 To 44, Holly Road, Farnborough, GU14 0EA 486267 155974

SU8656 450mm gravity surface water sewer 450mm internal diameter gravity located at 1.3m deep surface water sewer located between the Allotment Gardens and Queen Elisabeth Park 486466 156010

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.4.1 Do you favour sub-option E4a or E4b?

E4b

Question: 5.4.2 On which of the following main issues are your views based? (Please pick as many as apply)

Environment (including heritage and historic environment, landscape and visual effects and land use)

Question: 5.4.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 5.4.3 Please give any further details about your response on sub-option E4, in particular information about specific locations.

The following groups have been applied to this response:

L - Natural spots - River Blackwater,
 L - Roads - A331,
 L - Roads - Frimley Green Road,
 L - Roads - Ship Lane,
 L - Villages - Farnborough,
 SE4b - Suggestion - Installation - mitigation,
 SE4b - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Thames Water would prefer sub-option E4b as this would impact less Thames Water assets that sub-option E4a.

As part of Sub-Section E4b the following assets will require safeguarding

SU8756 100mm raising main 100mm internal diameter raising main (Ductile Iron), located within Ship Lane 487582 156610

SU8756 200mm gravity foul sewer 200mm internal diameter gravity foul sewer (Unknown material), located within Ship Lane. 487586 156607

SU8756 200mm gravity surface water sewer 200mm internal diameter gravity foul sewer (Unknown material), located within Ship Lane eastern footpath 487588 156614

SU8756 229mm gravity surface water sewer 229mm internal diameter gravity surface sewer (Unknown material), located within Henry Tyndale School grounds 487599 156614

SU8756 SW MH SU87567650 0.9m deep surface water manhole located within Farnborough North and A331 487774 156647

SU8756 225mm and 450mm gravity surface water sewer 225mm and 450mm internal diameter gravity surface water sewer within Farnborough North and A331 that discharge in Blackwater River 487599 156614

SU8857 675mm gravity foul water sewer 675mm internal diameter at 2.22m deep gravity foul sewer (Unknown material), located within Natural Environment 488140 157257

SU8857 375mm gravity foul water sewer 375mm internal diameter at 1.62m deep gravity foul sewer (Unknown material), located within Natural Environment 488143 157259

SU8857 300mm gravity foul water sewer 300mm internal diameter at 1.78m deep gravity foul sewer (Unknown material), located within Natural Environment 488172 157276

SU8857 375mm gravity foul water sewer 375mm internal diameter at 1.62m deep gravity foul sewer (Unknown material), located within Natural Environment 488143 157259

SU8857 300mm gravity foul water sewer 300mm internal diameter at 1.78m deep gravity foul sewer (Unknown material), located within Natural Environment 488172 157276

SU8857 Manhole SU88571207 1.78 deep foul water sewer manhole located within located within Natural Environment 488180 157274

SU8857 300mm gravity foul water sewer 300mm internal diameter at 1.78m deep gravity foul sewer (Unknown material), located within Natural Environment between MH SU88571207 and MH SU88572301 NA

SU8857 Manhole SU88572301 1.67m deep foul water sewer manhole located within located within Natural Environment 488266 157333

SU8857 Manhole 488296 1.82m deep foul water sewer manhole located within located within Natural Environment land west of Frimley Green Road. 488296 157534

SU8857 300mm gravity foul water sewer 300mm internal diameter at 1.82m deep gravity foul sewer (Unknown material), located within Natural Environment and west of Frimley Green Road 488298 157528

SU8857 225mm gravity foul water sewer 225mm internal diameter at 2.75m deep gravity foul sewer (Vitrified Clay), located within Frimley Green Road 488323 157530

SU8857 300mm gravity surface water sewer 300mm internal diameter gravity surface water sewer (Vitrified Clay), located within Frimley Green Road eastern footpath 488334 157532

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.5.1 Do you favour sub-option E5a or E5b?

No preference between sub-options

Question: 5.5.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 5.5.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 5.5.3 Please give any further details about your response on sub-option E5, in particular information about specific locations.

The following code was applied to this response:

SE5 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.6 Please give your comments about section E as a whole or outside the sub-options, in particular information about specific locations

The following groups have been applied to this response:


O - Process request,

SE - Concern - Installation - utilities impact

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 5.6.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 5.6.1

Installation (including engineering and maintenance)

Safety (during and after installation)

**Section: Section F: Bisley and
Pirbright Ranges to M25**

Question: 6.1.1 Do you favour sub-option F1a, F1b or F1c?

F1a

Question: 6.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Environment (including heritage and historic environment, landscape and visual effects and land use)

Question: 6.1.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 6.1.3 Please give any further details about your response on sub-option F1, in particular information about specific locations.

The following groups have been applied to this response:

L - Roads - Guildford Road,
L - Roads - Red Road,
O - Editor's note,
SF1a - Suggestion - Installation - mitigation,
SF1a - Support - Environment - reduced ecological impact,
SF1a - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

[Editor's note: No preference between sub-options also ticked]

Thames Water would prefer sub-option F1a as this would impact less the surrounding woodland area and the number of Thames Water assets impacted is limited.
As part of Sub-Section F1a the following assets will require safeguarding:

SU9261 300mm gravity foul sewer 300mm internal diameter gravity foul sewer (Vitrified Clay), located within Red Road 492768 161504

SU9261 FW MH SU92617401 3.07m deep surface water manhole located within Red Road 492702 161471

SU9261 FW MH SU92618502 3.22m deep surface water manhole located within Red Road 492817 161522

SU9361 2 no. 300mm gravity foul water sewer 300mm internal diameter gravity surface sewer (Vitrified Clay), located within the track between Red Road and Guildford Road 493019 161596

SU9361 FW MH SU93610501 2.25 deep surface water manhole located within the track between Red Road and Guildford Road 493019 161596

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 6.2.1 Do you favour sub-option F2a or F2b?

No preference between sub-options

Question: 6.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 6.2.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 6.2.3 Please give any further details about your response on sub-option F2, in particular information about specific locations.


The following code was applied to this response:

SF2 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 6.3.1 Do you favour sub-option F3a or F3b?

No preference between sub-options

Question: 6.3.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 6.3.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 6.3.3 Please give any further details about your response on sub-option F3, in particular information about specific locations.


The following code was applied to this response:

SF3 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 6.4.1 Do you favour sub-option F4a or F4b?

No preference between sub-options

Question: 6.4.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 6.4.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 6.4.3 Please give any further details about your response on sub-option F4, in particular information about specific locations.

The following code was applied to this response:

SF4 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 6.5 Please give your comments about section F as a whole or outside the sub-options, in particular information about specific locations.

The following groups have been applied to this response:

L - Roads - Guildford Road,

L - Roads - Windlesham Road,

O - Process request,

SF - Concern - Installation - utilities impact,

SF - Suggestion - Installation - mitigation

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of more Thames Water assets than the ones highlighted in the sub-sections. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.


SU9662 150mm gravity foul sewer 150mm internal diameter gravity foul sewer (spun iron), located within Windlesham Road 496236 162998

SU9261 FW MH SU96612901 4.68m deep surface water manhole located within Windlesham Road 496236 162998

TQ0265 600mm raising sewer 600mm internal diameter raising sewer (spun iron), located within land west of Guildford Road 502977 165859

TQ0365 FW MH TQ03651902 4.68m deep surface water manhole located within land west of Guildford Road 503114 165922

TQ0365 375mm gravity foul sewer 375mm internal diameter gravity foul sewer (concrete), located within land west of Guildford Road 503116 165605 TQ0365 FW MH TQ03661001 4.68m deep surface water manhole located within land west of Guildford Road 503150 166003

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 6.5.1 On which of the following main issues are your views based? (Please pick as many as apply)



Question: 6.5.1

Installation (including engineering and maintenance)
Safety (during and after installation)

Section: Section G: M25 to M3

Question: 7.1.1 Do you favour sub-option G1a or G1b?

G1b

Question: 7.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 7.1.2

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 7.1.3 Please give any further details about your response on sub-option G1, in particular information about specific locations.

The following groups have been applied to this response:

L - Roads - Canford Drive,
L - Roads - Chertsey Road,
L - Roads - Roakes Avenue,
SG1b - Suggestion - Installation - mitigation,
SG1b - Support - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Thames Water would prefer sub-option G1b as this would impact less Thames Water assets that sub-option G1a.

As part of Sub-Section G1b the following assets will require safeguarding:

TQ0465 150mm raising foul sewer 150mm internal diameter raising foul sewer (asbestos cement), located east of Chertsey Branch Railway line. 504726 165644

TQ0465 SW MH SU92617401 0.78m deep surface water manhole located within Canford Drive. 504736 165668

TQ0465 300mm gravity surface water sewer 300mm internal diameter gravity surface water sewer (concrete), located within the Canford Drive. 504726 165684

TQ0465 FW MH TQ04658702 FW MH TQ04658601 FW MH TQ04657601 1.65m to 2.44m deep foul water manholes located Canford Drive. 504752 165698

TQ0465 150mm gravity surface water sewer 150mm internal diameter gravity surface water sewer (vitrified clay), located within the Canford Drive. 504726 165684

TQ0465 FW MH TQ04658752 FW MH TQ04658751 FW MH TQ04658750 1.09m to 1.26m deep foul water manholes located Roakes Avenue 504880 165772

TQ0465 225mm gravity surface water sewer 300mm internal diameter gravity surface water sewer (concrete), located within the Canford Drive and Roakes Avenue 504726 165684

TQ0465 150mm gravity surface water sewer 150mm internal diameter gravity surface water sewer (vitrified clay), located within the Chertsey Road 504904 165779

[View the pdf submission \(opens in a new tab/window\)](#)

Question: 7.2.1 Do you favour sub-option G2a or G2b?

No preference between sub-options

Question: 7.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 7.2.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 7.2.3 Please give any further details about your response on sub-option G2, in particular information about specific locations.


The following code was applied to this response:

SG2 - Benefit - Installation - reduced utilities impact

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 7.3 Please give your comments about section G as a whole or outside the sub-options, in particular information about specific locations.

The following groups have been applied to this response:

O - Process request


SG - Concern - Installation - utilities impact

SG - Concern - Installation - water supply impact

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 7.3.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 7.3.1

Installation (including engineering and maintenance)

Safety (during and after installation)

Section: Section H: M3 to West
London Terminal storage facility

Question: 8.1.1 Do you favour sub-option H1a or H1b?

H1b

Question: 8.1.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 8.1.2

Installation (including engineering and maintenance)

Safety (during and after installation)

Question: 8.1.3 Please give any further details about your response on sub-option H1, in particular information about specific locations.**The following groups have been applied to this response:**

L - Roads - A308,
 L - Roads - Arnold Road,
 L - Roads - Ashford Road,
 L - Roads - Edinburgh Drive,
 L - Roads - Green Fielde End,
 L - Roads - Woodthorpe Road,
 SH1b - Suggestion - Installation - mitigation,
 SH1b - Support - Installation - reduced utilities impact,
 SH1b - Support with caveats

Collation status: Collation complete

Response:

Thames Water would prefer sub-option H1b as this would not impact Thames Water Queen Mary Reservoir embankments as the sub-option H1a. Thames Water would prefer that the route of the main is taken through the back of properties facing Edinburgh Drive. As part of Sub-Section H1b the following assets will require safeguarding:

TQ0569 200mm raising foul sewer 200mm internal diameter raising foul sewer (cast iron), located on last west of Ashford Road 505387 169538

TQ0569 200mm raising foul sewer 200mm internal diameter raising foul sewer (cast iron), located within Ashford Road 505490 169453

TQ0570 150mm gravity foul sewer 150mm foul gravity sewer crossing Green Fielde End from West to East 505579 170358

TQ0570 225mm gravity foul sewer 225mm foul gravity sewer located within Arnold Road 505558 170453

TQ0570 FW MH TQ05705402 FW MH 2.65m to 3.15m deep foul water manholes located Arnold Road 505563 170489

TQ05705401 TQ0570 150mm gravity foul sewer 150mm foul gravity sewer located in Edinburgh Drive located at 2.8m deep. 505579 170358

TQ0570 FW MH TQ05707801 FW MH TQ05707902 FW MH TQ05707901 4.1m to 4.2m deep foul watermanholes located within Woodthorpe Road south of Staines By-pass 505751 170991

TQ0570 400mm gravity foul sewer 400mm foul gravity sewer (cast iron), located along Woodthorpe Road 505751 170991

TQ0571 FW MH TQ05707101A FW MH TQ05707901 4.08m to 4.2m deep foul water manholes located within Woodthorpe Road south of Staines By-pass 505778 171130

TQ0571 FW MH TQ05707101 10.53 deep foul water manholes located Edinburgh Drive 505575 170144

TQ0571 350mm gravity foul sewer 350mm foul gravity sewer (cast iron), located along Woodthorpe Road south of Staines By-pass 505751 170991


TQ0571 450mm gravity foul sewer 450mm foul gravity sewer (cast iron), located along Woodthorpe Road south of Staines By-pass 505751 170991

TQ0571 1219mm gravity trunk foul sewer 1219mm foul gravity trunk sewer (cast iron), located along Woodthorpe Road south of Staines By-pass at approximately 10m deep. 505783 171117

TQ0571 450mm gravity foul sewer 450mm foul gravity sewer (cast iron), located along Woodthorpe Road north of Staines By-pass 505804 171234 TQ0571 150mm gravity foul sewer 150mm foul gravity sewer (cast iron), located west of Woodthorpe Road at 3.38m deep 505820 171339

TQ0571 150mm gravity foul sewer 150mm foul gravity sewer (cast iron), located west of Woodthorpe Road at 3.98m deep 505900 171591

TQ0571 FW MH TQ05719602 FW MH TQ05719601 TQ0671 FW MH TQ05719618 FW MH TQ0671061C FW MH TQ06710603 FW MH TQ06710602 FW MH TQ06711601 FW MH TQ06712701 4.1m to 3.9 m deep foul water manholes located within Woodthorpe Road north of Staines By-pass 505751 170991

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 8.2.1 Do you favour sub-option H2a, H2b or H2c?

H2a

Question: 8.2.2 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 8.2.2

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 8.2.3 Please give any further details about your response on sub-option H2, in particular information about specific locations.**The following groups have been applied to this response:**

L - Roads - Church Road,
SH2a - Suggestion - Installation - mitigation,
SH2a - Support - Installation - reduced utilities impact

Collation status: Collation complete


Response:

Thames Water would prefer sub-option H2a as this would impact less Thames Water assets that sub-option H2b and H2C.

As part of Sub-Section H2a the following assets will require safeguarding:

TQ0672 175mm gravity foul sewer 175mm internal diameter foul gravity sewer (unknown material), located within Church Road 506429 172111

TQ0672 FW MH TQ06724101 2.22m deep foul water manhole located within Church Road 506429 172111

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 8.3.1 Do you favour sub-option H3a or H3b?

No preference between sub-options

Question: 8.3.2 On which of the following main issues are your views based? (Please pick as many as apply)**Question: 8.3.2**

Installation (including engineering and maintenance)
Safety (during and after installation)

Question: 8.3.3 Please give any further details about your response on sub-option H3, in particular information about specific locations.**The following groups have been applied to this response:**

L - Roads - London Road,
SH3 - Benefit - Installation - reduced utilities impact,
SH3 - Suggestion - Installation - mitigation

Collation status: Collation complete

Response:

Both options would not impact Thames Water assets.
As part of Sub-Section H3 (London Road crossing) the following assets will require safeguarding:

TQ0672 150mm raising foul sewer 150mm internal diameter foul gravity sewer (unknown material), located land north of London Road 506720 172897

TQ0672 FW MH TQ06727804 0.15m deep foul water manhole located within the north verge of London Road 506721 172883

TQ0672 175mm gravity foul sewer 1756mm internal diameter foul gravity sewer (vitrified clay), located within London Road 506721 172883

 [View the pdf submission \(opens in a new tab/window\)](#)

Question: 8.4 Please give your comments about section H as a whole or outside the sub-options, in particular information about specific locations.**The following groups have been applied to this response:**

O - Process request,
SH - Concern - Installation - utilities impact

Collation status: Collation complete

Response:

The documents submitted indicate that the developer is intending to carry out excavation works within exclusion zones of Thames Water assets. The developer is required to contact the Thames Water Developer Services department and state that they have been referred to 29 the Customer Led team by the Development Planning team to discuss the requirements for an asset protection study (0800 009 3921 or by email at developer.services@thameswater.co.uk, FAO Customer Led). Their case will be logged and a representative from the Customer Led team will be in contact with them.



Question: 8.4.1 On which of the following main issues are your views based? (Please pick as many as apply)

Question: 8.4.1

Installation (including engineering and maintenance)

Safety (during and after installation)

Section: Your views on the consultation process

Question: 11a. Materials – were the materials clear and easy to understand?

Not answered

Question: 11b. Information – was enough information made available for you to respond?

Not answered

Question: 11c. Promotion – was the consultation promoted well and to the right people?

Not answered

Question: 11d. Events – were the events of good quality and suitably located?

Not answered

Question: 12 Do you have any other comments?

The following groups have been applied to this response:

G - Suggestion - Installation - mitigation,
G - Support with caveats,
O - Editor's note,
O - Respondent context

Collation status: Collation complete

Response:

More details on the asset protection impact study process can be found in the guidance document "Working Near Our Assets" (available online at <https://developers.thameswater.co.uk/developing-a-large-site/planning-yourdevelopment/working-near-or-diverting-our-pipes>).

[Editor's note: Text from email]

Please see Thames Water Utilities Limited Response in regards to the proposed alignment of the fuel main.
We have identified a large number of sewerage assets that are to be impacted, as well as access to pumping stations.
Overall Thames Water has no concerns provided that before commencement of the works at the locations that have been identified within our attached response an Asset Protection Impact assessment is undertaken in agreement with Thames Water to ensure that our assets are safeguarded at all times.
If you have any questions please let us know.

[Editor's note: Maps attached. See pdf]