Flamborough South and Danes Dyke Bathing water improvements

1st July 2013

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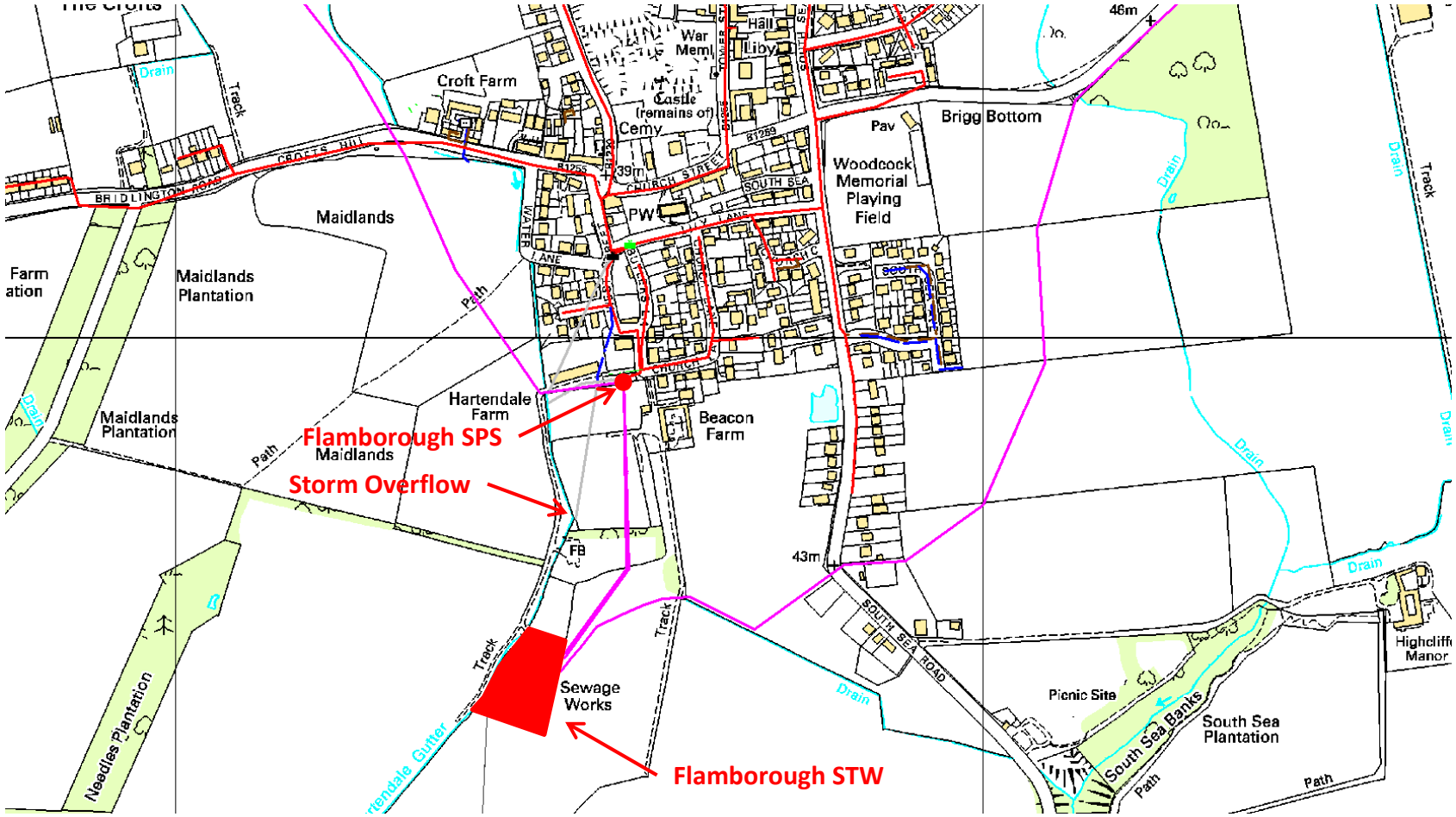
Agenda

1. The local sewerage system
2. Current + predicted bathing water quality
3. The partnership approach
4. Coastal modelling
5. Proposed scheme
6. Communications

Local Sewerage System



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Current and predicted bathing water quality

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- Current standards either guideline or mandatory

	2008	2009	2010	2011	2012	**Predicted** (without intervention)
Danes Dyke	Guideline	Guideline	Guideline	Guideline	Guideline	Excellent
South Landing	Mandatory	Mandatory	Guideline	Guideline	Mandatory	Good

- Revised standards Poor – to - Excellent

Current Standards		Revised Standards
- Guideline - Mandatory	→	-Excellent -Good -Sufficient - Poor

Compliant

Non-compliant

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The partnership approach

- Many impacts on bathing water quality – sewerage overflows are just one

- Agricultural run off
- Wrongly connected plumbing
- Surface water runoff

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Coastal modelling

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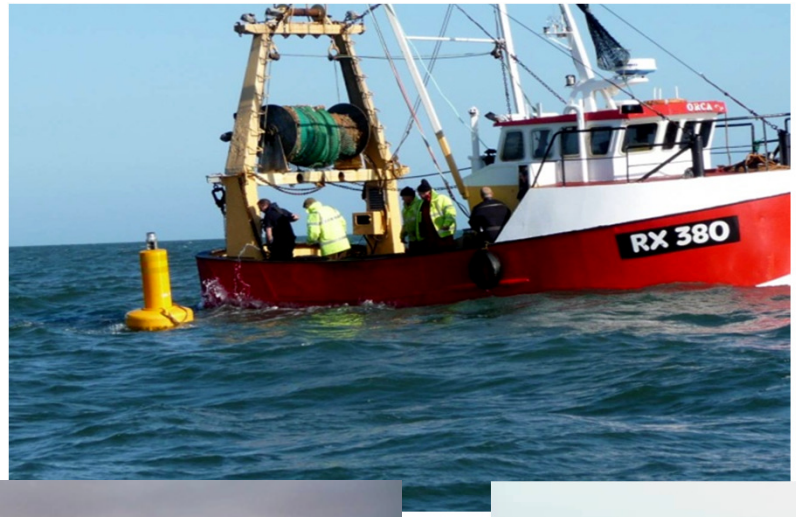

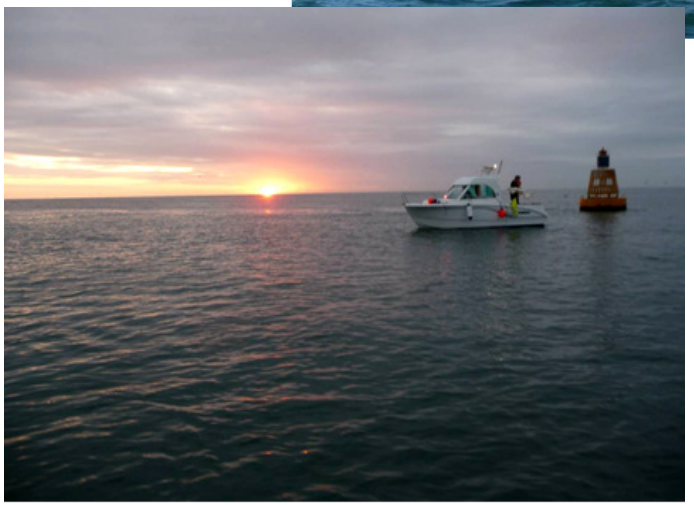

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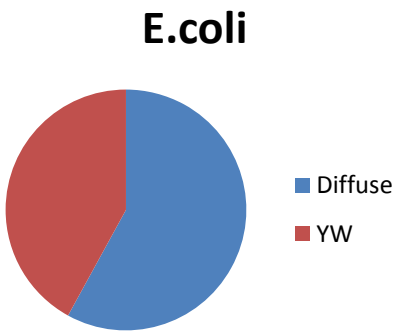
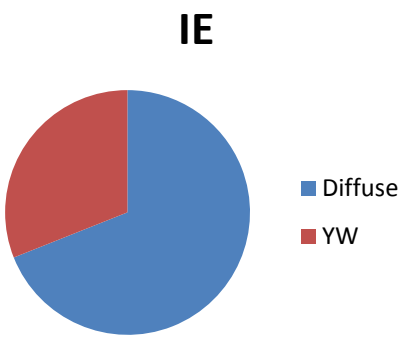
Coastal modelling

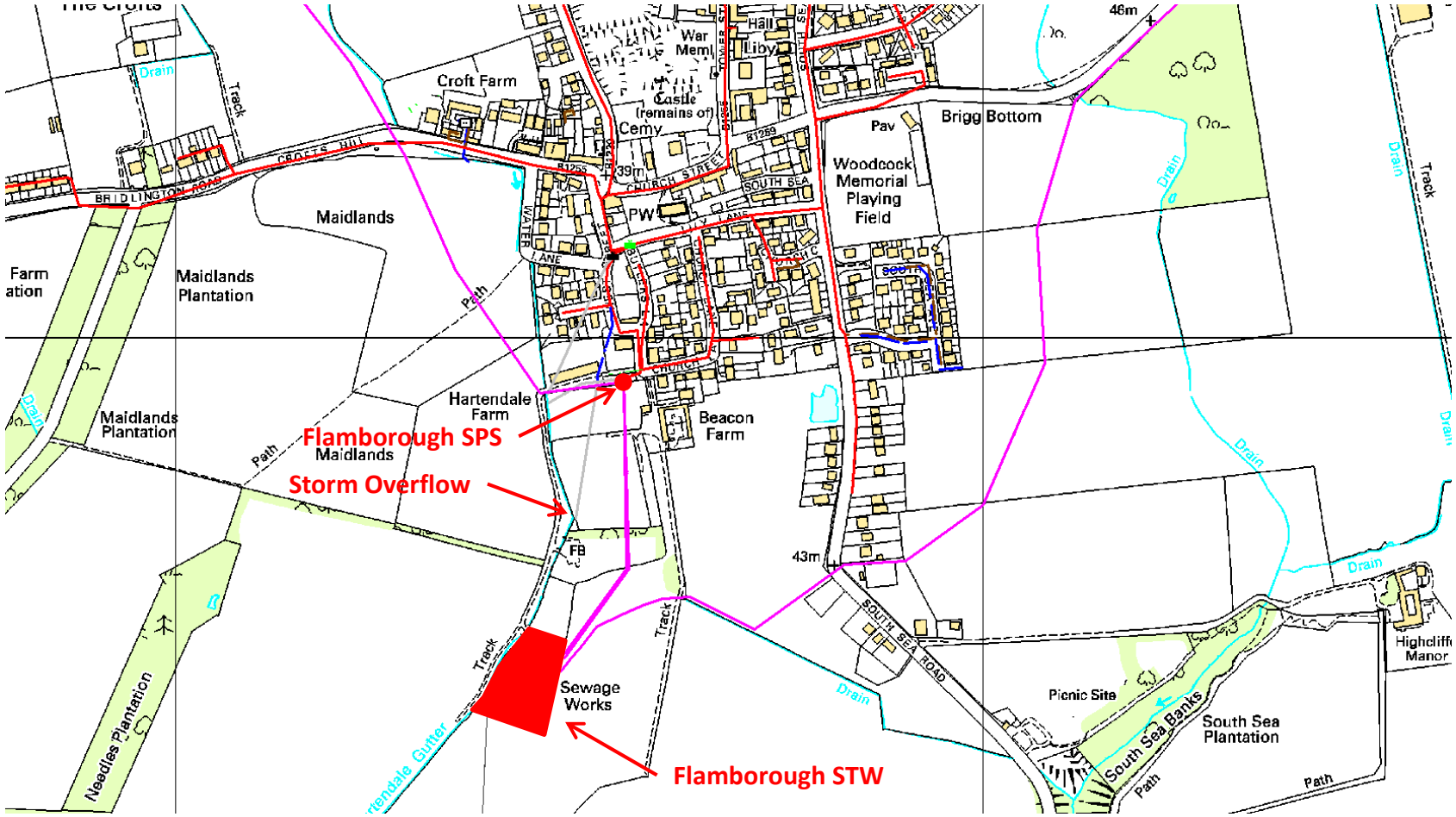
- Current bathing water quality at Flamborough South Landing is Good
- Modelling shows inputs as follows:





- Together with reductions in diffuse inputs, the YW solution will help to deliver Excellent bathing water

Local Sewerage System



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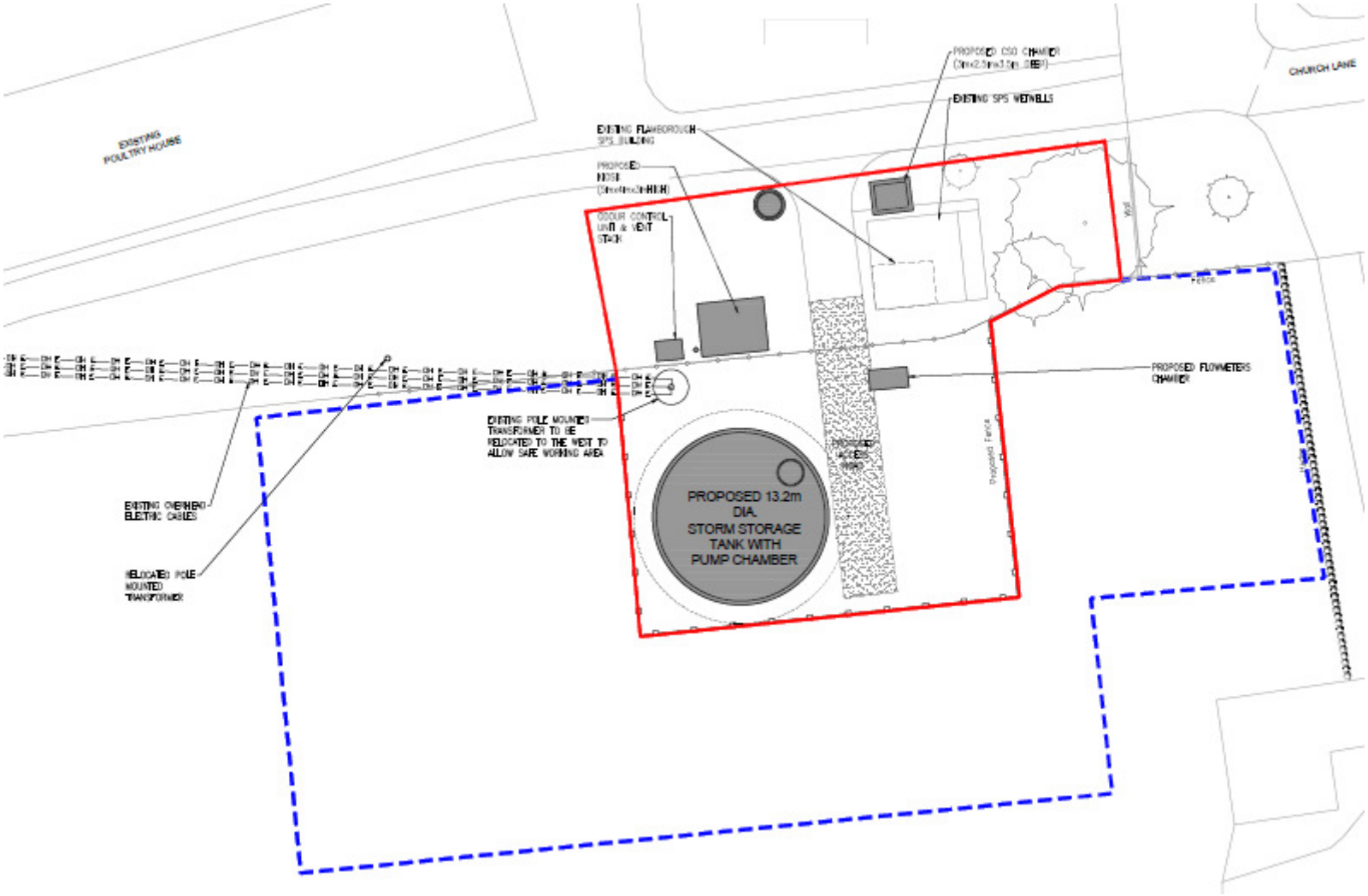
Proposed scheme

General Arrangement



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Proposed scheme

Northern Elevation

NORTH ELEVATION

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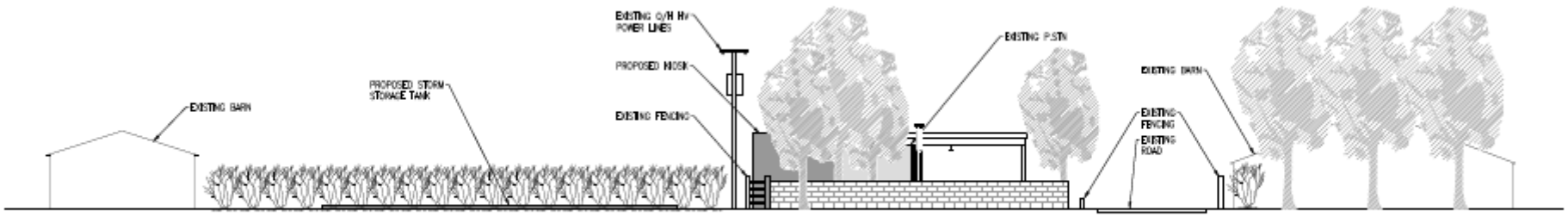
Proposed scheme

Eastern Elevation



EAST ELEVATION

Proposed scheme

Access route

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Proposed scheme

Construction Traffic

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Indicative number of traffic movements:

Deliveries between 8.00am and 5.00pm

- Removal of excavated material:

  4 vehicle movements daily for 16 weeks
- Concrete deliveries for base construction:

  60 vehicle movements daily for 2 days
- Delivery of concrete shaft segments:

  2 vehicle movements every second day for 4 weeks
- Roof construction:

  40 vehicle movements / daily for 2 days

Proposed scheme

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Indicative programme of works

- Submission of planning application mid to late July
- Planning consultation period July to October
- Start on site mid October
- Scheme finish spring 2014

Communications

Indicative schedule

- Visits to nearby properties w/c 1st July
- Introductory letter and fact sheet w/c 8th July
- School safety presentation - September
- Newsletters/update letters – regularly throughout
- Scheme web page

Any questions?

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