

RECORD OF MEETING

JBA Project Code 2011s5031
 Contract Thorne, Crowle and Goole Moors WLMP Implementation
 Client Doncaster East Internal Drainage Board
 Day, Date and Time Tuesday 15/11/2016 at 10AM
 Meeting Steering Group Meeting - 007
 Venue JBA Doncaster



Attending	Paul Duncan	Natural England	PD (NE)
	Tim Kohler	Natural England	TK (NE)
	Steve Hiner	Natural England	SH (NE)
	David Hargreaves	Natural England (Life+ Project)	DH (NE)
	David Hoskins	Independent Consultant & Former EA Project Manager	DH
	Morgan Wray	Environment Agency	MW (EA)
	Karen Carter	Environment Agency	KC (EA)
	Matt Cox	North Lincolnshire Wildlife Trust	MC (NLWT)
	Martin Oldknow	Doncaster East IDB	MO (DEIDB)
	Sue Wilkinson	Doncaster East IDB	SW (DEIDB)
	David MacFarlane	JBA Consulting	DM(JBA)
	Chris Wright & Balaji Angamuthu	JBA Consulting	CW & BA (JBA)
	<i>Notes/Minutes to be taken by JBA</i>		

Item	Action
<p>1 Apologies Tim Kohler – Natural England, Sue Wilkinson – Doncaster East IDB, and Chris Wright – JBA Consulting</p>	
<p>2 Introductions Introductions were made.</p>	
<p>3 Minutes of Last Meeting</p> <p>3.1 Acceptance of minutes The minutes were accepted and have been uploaded to the web site.</p> <p>3.2 Matters Arising</p> <p>4.2 & 5.4 - BA intends to review and issue the Health and Safety File for the completed structures as soon as possible.</p> <p>5.3 – If the pumping station programme of works do overrun, then HRA will need to be updated.</p> <p>TK has spoken to Mr P Burtwistle regarding proposed dams on land close to his and he has no complaints. TK will email this confirmation to Mr Burtwistle with a copy to Paul Jones at the IDB.</p> <p>8.1- BA said the EIA report needs to be finalised and signed off by NE. TK is to respond. BA will upload the completed report to the web site.</p>	<p>BA/DM</p> <p>BA/TK</p> <p>TK</p> <p>TK/BA</p>
<p>4 Health and safety and Environmental Issues</p> <p>4.1 Issues to Report DM got bitten by tick during site setting up in Thorne Moor. This has been logged on JBA's incident book. Control measures are in place for such hazards and will be</p>	

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<p>reviewed again.</p> <p>4.2 HRA and EIA HRA for the pumping station is in place (attached as an addendum). Darren Whitaker (JBA Consulting) and TK to complete the HRA for the other type of the proposed works. BA to liaise with Darren and PD with TK to get the other HRAs completed as soon as possible.</p>	BA/PD
<p>5 Programme of works</p> <p>5.1 Works completed to date BA reported no change since the last meeting.</p> <p>5.2 Works in progress DM reported that the contractors have completed site establishment. The pumping station contractor is setting up the temporary works now. Lot2 contractor is doing the installation of the last two weirs.</p> <p>5.3 Programme of future works BA presented the programme of future works (attached as an addendum to these minutes). The reinforcement detail drawings and bar bending schedules for the pumping station is to be issued by JBA this week as time was required to allow the interaction of pump (M&E) and civils design.</p> <p>MO wanted to know why the steering group members were not informed about the JBA's stop and restart on project management services. PD explained that as the DEIDB Chairman and the Life+ Steering Group members (including DEIDB) were kept informed, so he assumed that the other members of the DEIDB were also in the loop. The DEIDB chairman will write to EA to seek clarification on signing the contract with JBA.</p> <p>5.4 Handover of completed works BA & DM are completing the draft Health & Safety File.</p>	BA/DM
<p>6 Financial</p> <p>6.1 Spend profile CB presented a full financial report; attached to these minutes as an addendum. DH (NE) mentioned that due to the current pound-euro exchange rates, it will be better to claim the 12,000 euros for the pumping station in January 2017.</p> <p>6.2 Variation BA presented variations (attached to these minutes as an addendum) sheet showing the list of variations, balance expected, actual amount spent, and estimates of remaining to spend for each contract. CB mentioned that his current spend profile estimate account for any known/expected variations on the contracts.</p> <p>6.3 Invoices Contractors invoices included in the meeting papers.</p> <p>6.4 Additional works The Group members agreed that the additional works on the scheme to be planned only after the completion of the original scope of works. PD requested the DEIDB to consider procuring the project management services for the additional works in compliance with their financial regulations so that the Life + project can make maximum utilisation of the remaining money.</p>	

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7 Works information	
7.1 Original scope of works BA said this has been completed and all the required contractors are appointed to implement the works on the ground.	
7.2 Additional works See section 6.4	
7.3 Condition of access tracks in Thorne Moors BA said the contractors will be instructed to avoid conflict on the use of tracks and has included an item in the Bill of Quantities to allow for reinstatement.	
8 Any Other Business	
8.1 Site visit The group agreed to visit the site during/after the commissioning of the pumping station and it is likely to be in the first week of April 2017.	
8.2 Monthly update from site DM proposed to email out the site progress photos and updates to members of this group every month.	
9 Date of next meeting The Group agreed to have the next meeting on 21 February 2017 at 10:00 AM at the JBA Doncaster Office.	

Habitats Regulations Assessment (HRA)

Regulation 21 of the Habitats Regulations 2010

Casework Recording System Ref.

Site Ref.

Thorne Moor UK0012915
Thorne and Hatfield Moors SPA UK9005171

Case name

Thorne Moors Pumping Station Works

Assessment made by

D Whitaker

Date:

22-06-2016

Application: *Thorne, Crowle and Goole Moors WLMP – Pumping Station Works*

European Site: *Thorne Moor SAC and Thorne & Hatfield Moors SPA*

Component SSSI: *Thorne, Crowle & Goole Moors SSSI*

1. Introduction

This is a record of the Habitats Regulations Assessment undertaken by Darren Whitaker of JBA Consulting submitted on 22-06-2016 by Doncaster East IDB and which affects the *Thorne Moor SAC and Thorne & Hatfield Moors SPA*.

The application constitutes a notice given to Natural England under Regulation 20(1) (a) of the Conservation of Habitats and Species Regulations 2010 (the "Habitats Regulations"). This assessment is required by Regulation 21 of the Habitats Regulations in accordance with the EC Habitats Directive (Council Directive 92/43/EEC).

Natural England may only give consent to the proposal where it is able to ascertain that the proposal will have no adverse effect on the integrity of the *Thorne Moor SAC and Thorne & Hatfield Moors SPA*.

2. Information about the project

Type of application, plan or project:	Application for consent under the Habitats Regulations for works to be undertaken as part of the Thorne, Crowle & Goole Moors WLMP
Location of project:	In the Bank Top Area of Thorne moors situated at the Eastern End of Black Water Dyke
Applicant:	Doncaster East IDB
National Grid Reference:	SE 75097 16297
Summary of the project and its elements:	As Part of the Thorne, Crowle and Goole Moors Water Level Management Plan the existing pumping station is to be replaced with a modern efficient station. The pump and associated structures will be constructed under Natural England's Permitted Development Rights. The pump will remove excess water from the site in conjunction with other water management structures. The project aims to stabilise the

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	<p>water at predetermined levels to facilitate the sites continuing colonisation with favourable species, leading to the creation of a functioning Lowland Raised Mire. The pump stations controls will be powered partly by renewable energy. The Station will consist of an enclosed Archimedes screw pump of approximately 9 metres in length with an external diameter of 2 metres. The pump will be powered by a free standing diesel generator with a separate bunded tank, capable of utilising Green Diesel. The station will also have a gravity discharge point consisting of a 1-metre-wide tilting weir and discharge pipe sited under the Bank Top site access road. The generator will provide power to run the pump and back up capacity to the batteries. The station will be controlled by a telemetry system linked to the rest of the structures on the site and externally to the Swinefleet Warping Drain. The telemetry control system, including the actuator for the tilting weir and the heaters to prevent freezing and condensation, will be powered by a renewable energy generating system via the batteries. The system combines solar panels mounted within the Pump Station compound and a 1Kw vertical axle wind turbine standing around 9 metres tall - this will be located close to the pump compound. The Pump, bunded fuel tank, control cabinet and associated structures will be located on a concrete base surrounded by palisade security fencing. The Pump is free floating at the intake end and will be sited in a concrete sump at the east end of Blackwater Dyke. The footprint of the Pump Station compound is 354m². The outfall structure covers an area of 154m² occupying the historic outfall area. It will be constructed from concrete with a rock mattress to prevent erosion. The access to the pump station site, will follow the sites access route along the existing road which was originally used to haul peat off site to the peat works at Swinefleet. The road will be maintained throughout the construction phase and is subject to 10mph on site speed limit. The construction will involve a variety of specialist machinery and vehicles. Including:</p> <ul style="list-style-type: none">• Site operative vehicles, 2/3 vans at any one time.• 10t excavator.
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	<ul style="list-style-type: none">• Temp. Site accommodation- 2no 2.4x4.8 containers, office and storage.• Piling rig- around 2.5ton• http://www.righire.co.uk/MeettheRigs/D1000PilingRig.aspx• 18 piles over 2.5 days.• Delivery vehicles/ 2 visits per week, more when concreting.• Concrete pump, 2/3 days total.• Temporary pumps <p>The site compound will be located 320m north of the work area on an area of existing hard standing. The compound and site will be accessed via the existing access track The works will commence in September 2016 and be completed by March 2017 avoiding the nightjar breeding season</p>
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Include any other relevant explanatory information around the case e.g. planning history.

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3. Information about the European Site(s) (SAC, SPA and/or RAMSAR sites)

3.1 Qualifying Features

Thorne and Hatfield Moors SPA

Classified under Article 4.1 of the Wild Birds Directive for:

- *Breeding population of nightjar*

Thorne Moor SAC

Designated under Article 4(4) of the Natural Habitats and Wild Flora and Fauna Directive for the following natural habitats and/or species listed in Annex I and II of the Directive (priority features are denoted by an asterisk (*)).

- *Degraded raised bogs still capable of natural regeneration*

3.2 European Site Conservation Objectives

European Site Conservation Objectives for Thorne Moor Special Area of Conservation Site Code: UK0012915

With regard to the SAC and the natural habitats and/or species for which the site has been designated (the 'Qualifying Features' listed below), and subject to natural change;

Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the Favourable Conservation Status of its Qualifying Features, by maintaining or restoring;

- **The extent and distribution of qualifying natural habitats**
- **The structure and function (including typical species) of qualifying natural habitats, and**
- **The supporting processes on which qualifying natural habitats rely**

This document should be read in conjunction with the accompanying *Supplementary Advice* document, which provides more detailed advice and information to enable the application and achievement of the Objectives set out above.

Qualifying Features:

H7120. Degraded raised bogs still capable of natural regeneration

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European Site Conservation Objectives for Thorne and Hatfield Moors Special Protection Area Site Code: UK9005171

With regard to the SPA and the individual species and/or assemblage of species for which the site has been classified (the 'Qualifying Features' listed below), and subject to natural change;

Ensure that the integrity of the site is maintained or restored as appropriate, and ensure that the site contributes to achieving the aims of the Wild Birds Directive, by maintaining or restoring;

- The extent and distribution of the habitats of the qualifying features
- The structure and function of the habitats of the qualifying features
- The supporting processes on which the habitats of the qualifying features rely
- The population of each of the qualifying features, and,
- The distribution of the qualifying features within the site.

This document should be read in conjunction with the accompanying *Supplementary Advice* document, which provides more detailed advice and information to enable the application and achievement of the Objectives set out above.

Qualifying Features:

A224 *Caprimulgus europaeus*; European nightjar (Breeding)

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4. Screening Stage

There are two screening stage tests required under Regulation 21 (transposing Article 6(3) of the Habitats Directive):

4.1. Test: Necessary to management (of the European site)

*Record whether **the whole project** is directly connected with or necessary to the conservation management of the site for its European site features. If **any** part or element of the project does not meet this test, then those elements should be tested for Likely Significant Effects (LSE). For example all management options and capital works within an application for a proposed management agreement or a Management Plan should be individually assessed.*

- Doncaster East IDB has considered the Thorne Moors Pumping Station Works under Regulation 21 (1)(b) of the Conservation of Habitats and Species Regulations 2010 and has decided that it **is** necessary to the management of the Thorne Moor SAC European site.
- Doncaster East IDB has considered the Thorne Moors Pumping Station Works under Regulation 21 (1)(b) of the Conservation of Habitats and Species Regulations 2010 and has decided that it **is not** necessary to the management of the Thorne and Hatfield Moors SPA European site.

The water level management plan is designed to stabilise and allow ongoing management of the sites hydrology to facilitate the continued colonisation of favourable species. The plan will control the water level within the compartments to wet up as much of the area as is feasible to achieve the objectives of the SAC and therefore the project is necessary to the management of the Thorne Moors SAC. Potential impacts of the construction work are considered in section 4.2.1. However these actions are not required for the SPA Nightjar feature, therefore, it is not necessary to the management of the Thorne & Hatfield Moors SPA.

If the whole project is directly connected with or necessary to the management of the site for its conservation, no further sections of this form need to be retained or completed, other than Sections 4.3 and 6.2.

4.2. Test : Likely Significant Effect

4.2.1 Likelihood of significant effects alone

This section details the checking of the submitted project proposals for likely significant effects alone, having considered the stated nature and details of the project against each of the European site features, their conservation objectives and their vulnerability to potential effects using best available information.

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Potential effect	Interest feature likely to be affected	The mechanism/pathway of effect	Have measures which would mitigate the potential effects been included? (Y/N) If Yes provide details	Likely Significant Effect (LSE)? (Yes/No/Uncertain)
Thorne Moor SAC				
Direct contamination of ground adjacent to the construction site	Degraded raised bogs still capable of natural regeneration	Potential for pollution incidents during works including casting concrete base and sump	Yes – works will be undertaken following best practice guidance including appropriate Pollution Prevention Guidelines which will be detailed in the Contractors method statements. Direct supervision on the ground will be undertaken by the project officer and Supervising Engineer to ensure compliance.	No
Contamination of ground or watercourse		Potential for diesel tank to leak	Yes - tank is to be bunded and palisade security fencing erected around it to prevent vandalism, In conjunction with paragraph 3 of The Control of Pollution (Oil Storage) (England) Regulations 2001. The bund specified is a dual skin wall, which provide secondary containment with a capacity of no less than 110% of the of the internal containers capacity. The container is sat on a raised stillage above ground level, and isolated from the site by palisade fencing. As per the regulations all pipes penetrating the tank are welded, becoming part of the structure. As per paragraph 3.4 as the filling point will be effectively outside the system, drip trays must	

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			be used when filling the container, this will be stipulated in the H&S file, along with the filling methodology provided by the tank supplier.	
Permanent habitat loss	Degraded raised bogs still capable of natural regeneration	Physical destruction	No habitat affected	No
Erosion, physical damage	Degraded raised bogs still capable of natural regeneration	From construction traffic, access to the site	Yes – compound and work area to be kept to within fenced site areas. There will be no traffic on the peat surface. Works are restricted to the areas of existing roadways and adjacent grass verges on made up ground directly adjacent to the site.	No
Habitat regeneration	Degraded raised bogs still capable of natural regeneration	Changes to water levels.	No - The construction of the pumping station will help to control the water level within the compartments of the SAC to wet up as much of the area as is feasible to achieve the objectives of the SAC	Yes – but positive LSE
Risk of contamination from Invasive non native species			Areas identified to contain INNS will be fenced off during the works to prevent accidental contact with personal plant and machinery to prevent the spread to other areas on and off the site. All plant and equipment brought to site will have been appropriately cleaned and disinfected prior to being deployed on site. In accordance with	

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			A290.3 in the bill of Quantities. Areas along the access track that have INNS present will be cordoned off during the work to prevent access and accidental contamination of personnel, plant and equipment.	
Thorne & Hatfield Moors SPA				
Noise and visual disturbance	Breeding European Nightjar	Potential for noise and visual disturbance from construction works and presence of site operatives and machinery.	Yes – the main construction works will be undertaken outside of the breeding season (May to September) initial site establishment will be through September, but the works are not located in close proximity to areas of the site where breeding Nightjars have been recorded therefore there will be no impact on nesting Nightjars.	No
		Disturbance during operation	The works are not located in close proximity to areas of the site where breeding Nightjars have been recorded (see Annex 1). Predicted noise levels during operation will be significantly lower than existing pump	No
Injury/death	Breeding European Nightjar	Collision risk with wind turbine	No - A small rotating vertical axis turbine measuring 500mm in diameter with a height of 900mm, the mast will be a maximum height of 5.1m with the total structure being 6m above ground level. This will be installed close to	No

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			<p>the pumping station compound. Given that this is a small narrow solid structure (see photo at Annex 2) it has been assessed as being unlikely to pose a collision risk to Nightjar. There is the possibility that reflective strips could be added to the turbine body aiding as a warning in low light conditions. As the turbine has a small surface area and no blades rotating on a horizontal axis, it has been deemed a bird friendly solution when compared to traditional turbines. Due to the turbine being driven by the wind, and not powered, the turbine is not expected to cause any vortices as the surrounding air is not drawn in to the turbine.</p>	
Impact on potential breeding habitat	Breeding European Nightjar	Potential for change to area of breeding habitat available due to raised water levels	<p>Yes – Water levels will be managed post construction to maintain sufficient area of breeding habitat. Construction of the pumping station will allow more precise control of water levels than at present.</p>	No

4.2.2 Likelihood of significant effects in-combination with other plans and projects:

Complete this section only if there are likely to be some effects from the project which are not likely to be significant alone. Give brief details of other live plans or projects which have been considered in combination with the project under scrutiny.

Details of other live plans and projects and their effects:

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1. NNR Management Plan

The current Management Plan for the NNR details a range of works relating to the management of the site, including: scrub and vegetation management; water level management through construction of physical structures (dams, weirs, bunds), and the operation of such structures; increased public awareness and resultant footfall.

2. Life + Project

The wider scope of the works under this project are covered by the Management Plan. The individual projects within the LIFE+ project with potential to affect the Nightjar SPA feature are: removal of scrub and rhododendron; increased public awareness and resultant footfall.

- Doncaster East IDB has considered the Thorne Moors Pumping Station Works under Regulation 21 (1)(a) of The Conservation of Habitats and Species Regulations 2010 and has decided that it **is not** likely to have a significant effect, either alone or in combination with other plans or projects, for the following reasons:

The Pumping Station Construction Works are considered to have no residual effects after consideration of mitigation, and so no in-combination effect can be identified.

4.3. Conclusion of the screening stage

- Consent may be given

*If the project is directly connected to and necessary for the management of the site or **is not** likely to have a significant effect either alone or in combination, then the Habitats Regulations Assessment need go no further and consent may be given after having taken the SSSI features into account in the usual way. Go to section 6.2.*

*Note: if the project is necessary to the management of the site for one feature but **is** likely to have a significant effect on a different feature - then the Habitats Regulations Assessment should go to the next stage.*

- ~~The project must proceed to the next stage~~

*If the project **is not** necessary to the management of the site and **is** likely to have a significant effect either alone or in-combination, then the Habitats Regulations Assessment should go to the next stage. Go to section 5.*

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5. Appropriate Assessment

Having considered that the [name] project is not directly connected with or necessary to the management of the [name] European site and is likely to have a significant effect on that site (either alone or in combination with other plans or projects), this section contains the appropriate assessment of the implications of the [name] project in view of the conservation objectives for the European Site (as required by Regulation 21 of the Habitats Regulations).

Where necessary, the full Appropriate Assessment can be outlined here or appended to this Form and a summary of its key findings recorded in this section.

You should specifically refer to the guidance outlined in Section 11.3 of [HRGN 6](#) which highlights some of the key factors to consider as part of the assessment.

The scope and content of an appropriate assessment is not specified in the legislation but in general it should identify the significance of the identified effects of each part of the project on each of the interest features of all the European Sites which could be affected in relation to their stated conservation objectives and in particular how the likely significant effects might directly or indirectly impact upon;

- The extent and distribution of the qualifying features*
- The structure and function of the qualifying features*
- The supporting processes on which qualifying features rely*
- The populations of individual qualifying species and/or assemblages*
- The distribution of qualifying species within the site*

The assessment should consider the above taking full account of the current environmental and ecological condition of the site and any existing influences being exerted upon it.

The assessment should take into account any wider background status and trends which may be currently affecting the features, e.g. recorded declines in a population of birds.

The assessment should clearly show how each element of the project is likely to affect each interest feature of the site (s). Reference should be made to relevant background documents and other information (section 5.1 below). The assessment should then indicate whether it is considered that any potentially damaging effects could be reduced by suitable mitigation measures (section 5.2 below).

5.1. Assessment of effects without mitigation measures

Describe the likely direct, indirect or secondary impacts of the project either alone or in combination with other plans or projects, on the European site. For more guidance consult HRGNs 3 and 6.

Describe where the above impacts are likely to be significant or where the scale or magnitude of impacts is not known. Setting out the significance of these factors in tabular form is often helpful, e.g.

Project element	Likely impact	Extent	Likelihood of an adverse effect	Degree of uncertainty

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5.2. Assessment of effects taking account of mitigation measures

List any measures that can be introduced to avoid or reduce the effects. Explain how the measures will either avoid the adverse effects on the integrity of the site or reduce the adverse effects on the integrity of the site. Evidence of how they will be implemented, and by whom, should be provided.

Refer to any advice received from Natural England specialists/ evidence/ reports/ surveys etc. Setting out this assessment in tabular form is often helpful, e.g.

Project element	Likely effect	Avoidance and/or reduction measures (Mitigation)	Justification	Who will implement	Compliance checks/ Controls	Residual effects?

5.3. Assessment of effects taking into account Restrictions and Conditions

The assessment under section 5.2 is based on possible adverse effects *before* any conditions are imposed. This section should further consider how restrictions and/or modifications to the proposed operations that can be imposed by Natural England could be used to ascertain that there would be no adverse effect on integrity. Setting out this assessment in tabular form is often helpful, e.g.

Project element	Conditions and modifications to be applied	Reasons for conditions	Will the conditions allow Natural England to conclude no impact on site integrity? (Yes/No/Uncertain)

Note: for SSSI consents proposed conditions should ideally be discussed with the applicant in advance of submission of a notice. See the SSSI Consents and Appeals Guidance.

5.4 Assessment of residual effects

If, after the appropriate assessment of a plan or project alone, there remains some residual effects from the project being assessed (i.e. there are minor and non-significant effects that remain after mitigation measures have been applied or imposed), then there is a need to further consider the likely significance of these effects *in-combination* with those of other plans or projects and potentially undertake a separate appropriate assessment of these combined effects on site integrity.

If there are residual effects - go back to section 4.2.2 and make a new assessment of the residual effects in combination with those of other projects from that point.

If there are no residual effects - proceed to section 6.

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6. The Integrity Test

This is the conclusion of the Appropriate Assessment and should set out Natural England's determination of whether it can be ascertained that there would not be an adverse effect on integrity as a result of the project.

6.1. Conclusion

Because the *[name]* project is not directly connected with or necessary to the management of the *[name]* European site and is likely to have a significant effect on that site either alone or in combination with other plans or projects, Natural England carried out an Appropriate Assessment under Regulation 21 of the Conservation of Habitats and Species Regulations 2010 and came to the conclusion that:

- It can be ascertained that the **** (*project name*) **will not** have an adverse effect on the integrity of the **** SAC/SPA/Ramsar site(s); *consent can be given with or without conditions*
- It can be ascertained that the **** (*project name*) **will** have an adverse effect on the integrity of the **** SAC/SPA/Ramsar site(s); *consent cannot be given*
- It cannot be ascertained that the **** (*project name*) will not have an adverse effect on the integrity of the **** SAC/SPA/Ramsar site(s). *consent cannot be given*

6.2 Consent decision

This section should record whether or not the project was approved for consent based on the conclusion reached above in 6.1.

Doncaster East IDB has carried out a Habitats Regulations Assessment of the **Thorne Moors Pumping Station Works** under Regulation 21 of the Conservation of Habitats and Species Regulations 2010 and has decided that:

- Consent may be given
- ~~Consent may be given subject to conditions *[List]*~~
- ~~Consent may not be given~~

The reasons for this decision are as follows:

- See section 4 above

NOTE: If consent is proposed with conditions, or it is to be refused, refer the case with a copy of this HRA to the appropriate Regulatory Delivery Team before issuing.

Following a Habitats Regulations Assessment of the plan/project regarding the European Site features, further separate consideration is required of the compatibility of the project with the notified features of special interest of the SSSI before any final consent can be given.

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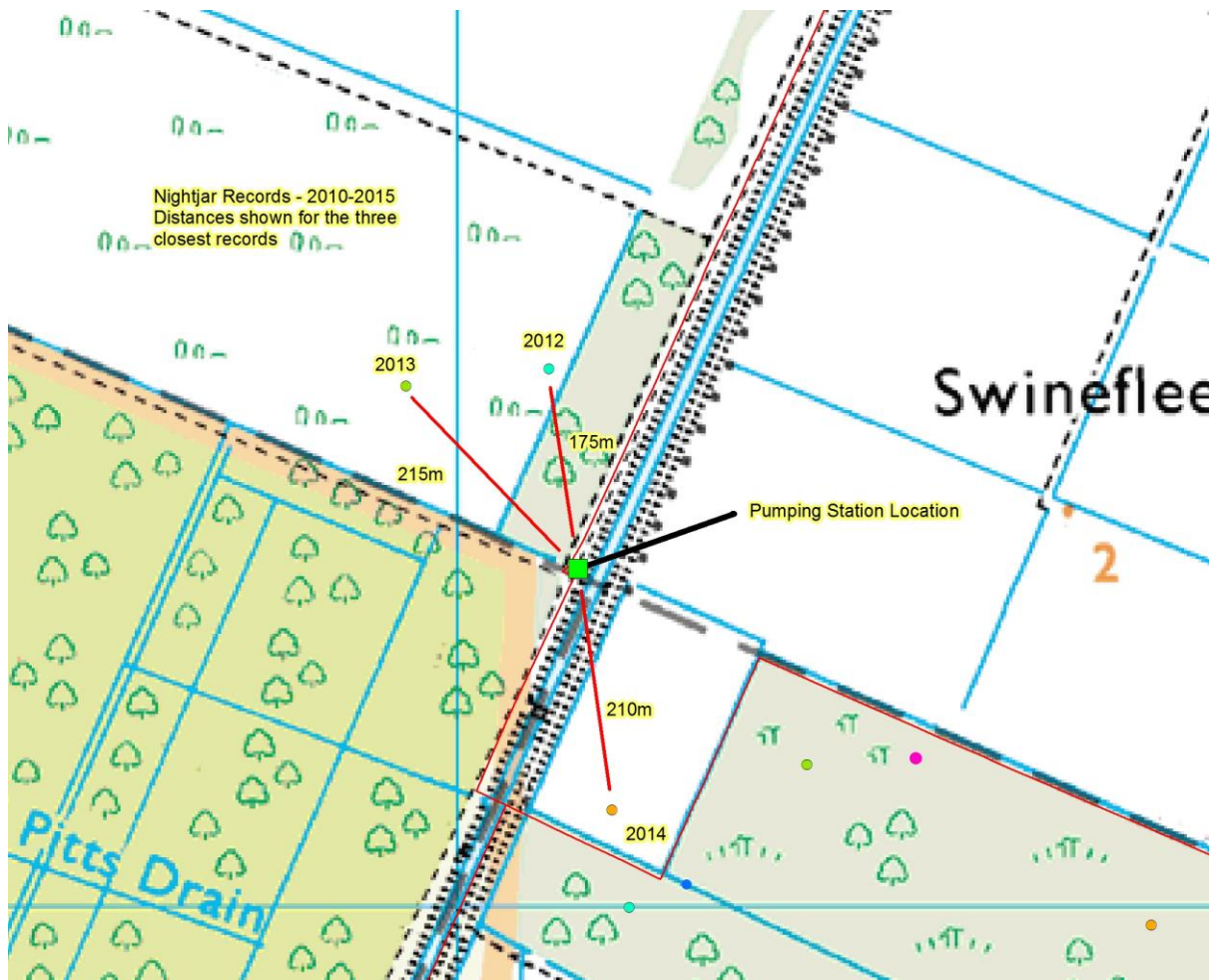
Document history

Prepared by	Darren Whiticker	<i>Project Officer</i>
Date	22/6/2016	
Checked by	Balaji Angamuthu	<i>Project Manager</i>
Date	11/8/2016	
Referred to Regulation by		
Date		
Approved by		<i>Doncaster East IDB</i>
Date		
Approved by	Michelle Dickinson	Lead Adviser, Natural England
Date	30/08/2016	

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Annex 1



Map shows all records of churring males from 2010 to 2015 surveys as coloured dots. The distances of the three closest to the pumping station is shown with the year of the record.

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Annex 2
Wind Turbine



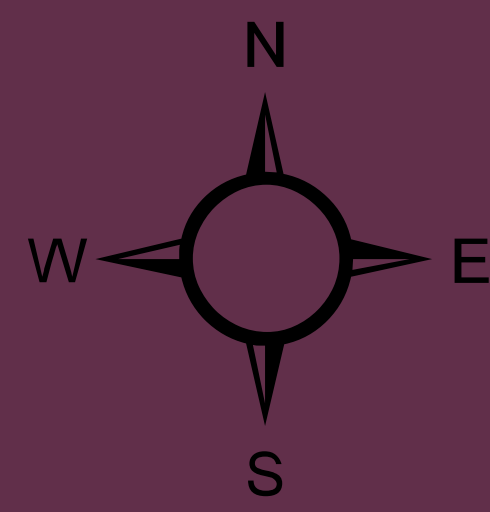
2011s5031-Thorne Moors Water Level Management Plan (WLMP)

Programme for 2015-16 and 2016-17

S.No.	Activities	Apr-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	
Financial Year: 2015-16																										
1	Steel Pile Structures - Angle Drain and Blue Bridge																									
1.1	Tendering	Completed	Completed																							
1.2	Construction & hand over					Completed	Completed	Completed	Completed				Completed													
2	Peat bunding - Phase I, 22 weirs and 22 pipe culverts																									
2.1	Design & tender documents	Completed	Completed	Completed	Completed																					
2.2	Tendering					Completed	Completed																			
2.3	Construction including scrub clearance & hand over							Completed	Completed									Ongoing	Ongoing							
3	Pumping Station																									
3.1	Design & tender documents	Completed	Completed	Completed	Completed	Completed																				
3.2	Tendering						Completed	Completed					Completed													
Financial Year: 2016-17																										
3.3	Construction & hand over												Completed			Completed	Ongoing	To begin	To begin	To begin	To begin	To begin	To begin	To begin	To begin	To begin
	Submit Health and Safety File for works completed to date											Completed	Completed				Ongoing									
4	9 Weirs - Phase II																									
4.1	Design & tender documents								Completed	Completed	Completed	Completed														
4.2	Tendering												Completed	Completed												
4.3	Construction & hand over																	Completed	To begin	To begin	To begin	To begin	To begin	To begin	To begin	To begin
5	Peat bunding - Phase II																									
5.1	Design & tender documents									Completed	Completed	Completed														
5.2	Tendering												Completed	Completed												
5.3	Construction & hand over																	Completed	To begin	To begin	To begin	To begin	To begin	To begin	To begin	To begin
	Final Health and Safety File for works completed to date																							To begin	To begin	To begin

Key

To begin	
Ongoing	
Completed	



Key

- Milledareabund
- Private Agreements Required
- No Design - control of external drains
- Milled Weir
- Blocks to remove

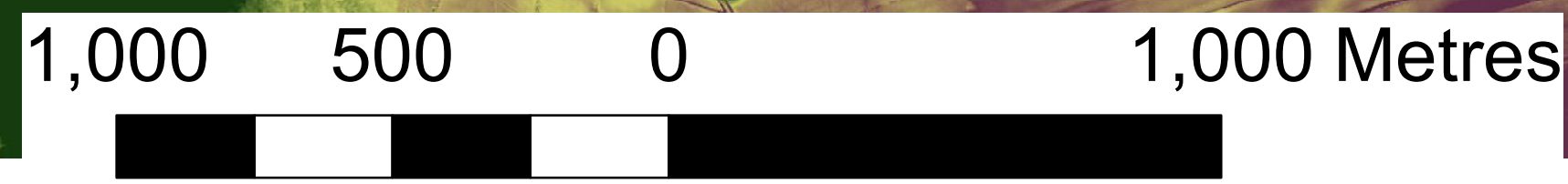
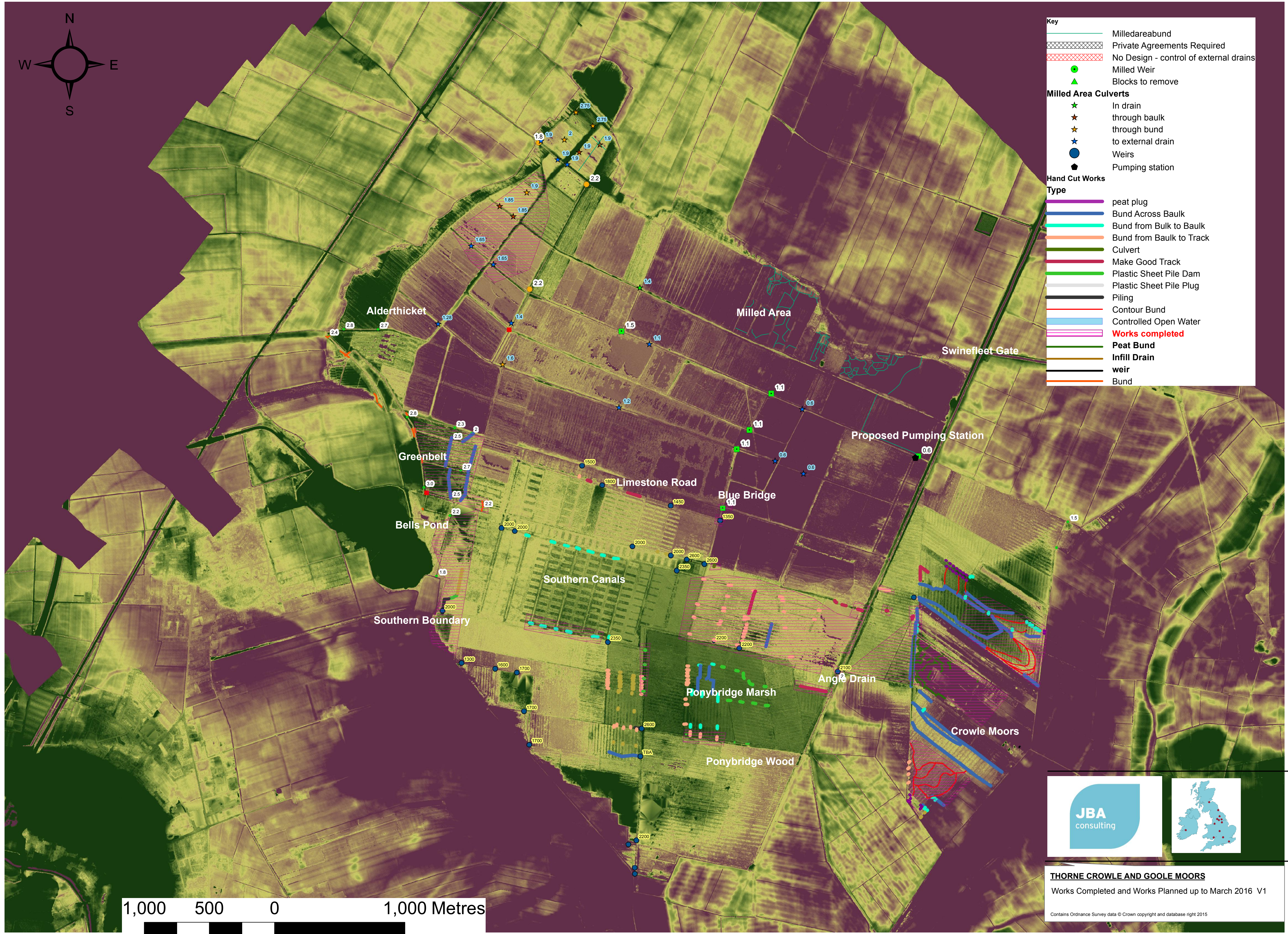
Milled Area Culverts

- In drain
- through baulk
- through bund
- to external drain
- Weirs
- Pumping station

Hand Cut Works

Type

- peat plug
- Bund Across Baulk
- Bund from Bulk to Baulk
- Bund from Baulk to Track
- Culvert
- Make Good Track
- Plastic Sheet Pile Dam
- Plastic Sheet Pile Plug
- Piling
- Contour Bund
- Controlled Open Water
- Works completed
- Peat Bund
- Infill Drain
- weir
- Bund



THORNE CROWLE AND GOOLE MOORS
Works Completed and Works Planned up to March 2016 V1

Contains Ordnance Survey data © Crown copyright and database right 2015

Thorne, Crowle & Goole Moors SSSI WLMP Spend Profile	Estimated Final Costs	Estimated Final Contributions	Estimated Final Net Expenditure	EA Grant Approved	Expenditure to date to end Oct 16	Contributions To date to end Oct 16	Net Expenditure to date to end Oct 16	EA Grant balance end Oct 16	Actual				Estimated Expenditure 2016/17				Estimated Expenditure 2017/18				Estimated EA Grant Final Balance
									Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
									apr to jun	Jul to sep	Oct to Dec	Jan to Mar									
Environmental Statement	£103,252	£13,252	£90,000	£90,000	£100,252	£13,252	£87,000	£3,000	-	£7,462	£3,000	-	-	-	-	-	-	-	-	£0	
Design and Appraisal	£469,879	£7,223	£462,655	£514,480	£451,880	£7,223	£444,656	£69,824	£1,027	£32,028	£14,000	£4,000	-	-	-	-	-	-	-	£51,825	
Construction Works	£2,185,668	£43,328	£2,142,340	£2,329,610	£1,081,913	£43,328	£1,038,585	£1,291,025	£169,130	£68,635	£561,111	£572,741	-	-	-	-	-	-	-	£187,270	
Contingencies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTALS	£2,758,799	£63,803	£2,694,996	£2,934,090	£1,634,045	£63,803	£1,570,242	£1,363,848	£170,157	£108,125	£578,111	£576,741	£0	£0	£0	£0	£0	£0	£0	£239,094	
									Year Total				Year Total								

NOTES

£239,094

The current project forecast indicates that the final total expenditure on the scheme is estimated to be £2,758,799

The project has generated contributions from various sources to a current value of £63,803

This contribution figure is expected to increase with the addition of any further bank interest gained and the likely contribution of € 12,000 from Natural England with respect to the construction of the pumping station.

The estimated net final expenditure figure is £2,694,996 and is less than the EA approved figure of £2,934,090

In summary it is envisaged that the scheme will be under budget by £239,094

The project has to date incurred expenditure of £1,634,045 and income of £63,803

This results in a net expenditure of £1,570,242 The maximum amount of EA grant to spend is £1,363,848

However the Environment Agency are looking for efficiency savings on this scheme.

It has been confirmed by the EA that savings can also include reinvesting unspent monies on the project to deliver more.

Natural England and the WLMP Steering Group have identified a number of additional works for this purpose

The spend profile over the next six months shows how this remaining grant money is to be spent.

In summary, it is estimated that the total expenditure for 2016/17 is £1,433,134

Which confirms the underspend of £239,094 (which can be used on identified and agreed additional works)

The monies left will be used for works on the ground and Project Management, Design and site supervision costs.

It is envisaged that the additional works would be undertaken during 2017/18 and after the original scope of works are complete.

Contractor: M Gould Ltd

Financial year	Project:	Angle Drain and Bluebridge structure (100% completed)	
2015/16	Date	Event	Amount (£)
	04/03/2016	Wider temporary works at Blue Bridge	600.00
	19/04/2016	Temporary fencing	- 360.00
	19/04/2016	Security Guards	- 8,132.40
	19/04/2016	Site welfare	- 1,260.00
	19/04/2016	Excavation for stone pitching Blue Bridge	166.32
	19/04/2016	Excavate additional soil - Blue Bridge	400.00
	19/04/2016	Backfill - Blue Bridge	200.00
	19/04/2016	Spreading of surplus soil - Blue Bridge	200.00
	19/04/2016	Extra 2m long culvert - Blue Bridge	1,178.76
	19/04/2016	Plug and seal the existing 225mm pipe	150.00
	19/04/2016	Timber post and rail fencing at Blue Bridge	1,050.00
	05/01/2016	Driven area of AU20 piles	- 1,957.41
	05/01/2016	Driven area of AU25 piles	- 3,075.93
	04/03/2016	Splicing	- 4,400.40
	04/03/2016	Install additional AU25 piles - Blue Bridge	1,398.15
	19/04/2016	Load and transport surplus sheet piles	600.00
	11/02/2016	Continuous vertical weld	42.12
	11/02/2016	Burn off top piles - Angle Drain	1,087.50
	11/02/2016	Transport & dispose burnt off piles	1,278.00
	04/03/2016	Extra bituminous paint	334.74
	04/03/2016	Clean extra exposed steel sheet piles	312.69
	19/04/2016	Stone pitching - blue bridge	2,030.00
	19/04/2016	Extra waling beam	1,407.18
	06/03/2016	Improve access track between NE shed & Angle Drain	- 600.00
	04/04/2016	Repair access track - Blue Bridge	2,289.00
	06/03/2016	Improve access track between NE shed & Angle Drain	600.00
	29-Jun-16	Stop log locking mechanism	825.00
	31-Jul-16	Galvanised access platform and gate	3,600.00
		Total cost of variation	- 36.68
		Tendered works value	312,739.64
		10% contingency	31,273.96
		Tender total	344,013.60
		Actual works value	310,944.96
		Savings	33,068.64

Contractor: Northmoor Plant Ltd

Financial year	Project:	Lot 1 - Crowle Moors (75 % completed)	
2015/16	Date	Event	Amount (£)
	08/04/2016	Scrub clearance	364.8
	08/04/2016	Plastic Sheet Pile Bunding 45.5m	760.65
		Tree stump removal	2400
		Total cost of variation	3525.45
		Tendered works value	41609
		10% contingency	4160.9
		Tender total	45769.9
08/04/2016		Actual value	34226.08

Contractor: G Fillingham & Sons

Financial year	Project:	Lot 2 - South of Limestone Road (95% completed)	
2015/16	Date	Event	Amount
	07/03/2016	Hire of wide track excavator	3,100.00
	28-Aug-16	Extra bracing	1,288.00
		Hand piling due to access constraint	1,180.00
	18/03/2016	Removal of tree roots and scrub clearance	1,725.00
		Total cost of variation	7,293.00
		Tendered works value	57,845.00
		10% contingency	5,784.50
		Tender total	63,629.50
08/04/2016		Actual value	60,888.75

Contractor: Northmoor Plant Ltd

Financial year	Lot 3	North of Limestone Road (72% completed)	
2015/16	Date	Event	Amount
	14/03/2016	Alternative spec. product - weir bracings	1,316.80
	08/04/2016	Extra timber bracing for PSP Weir 93+94	648.00
	08/04/2016	Scrub clearance	252.00
		Total cost of variation	2,216.80
		Tendered works value	108,433.80
		10% contingency	10,843.38
		Tender total	119,277.18
08/04/2016		Actual value	85,861.14

Total spent to date

180,975.97

Archaeologist

Contractor: FAS Heritage Ltd

Financial year						
2015/16	Project	Amount (£)	% completed	Variation	Total (£)	Actual value

Lot 1	3,570.00	75%	2,805.00	6,375.00	
Lot2	765.00	100%		765.00	
Lot3	1,785.00	72%	1,530.00	3,315.00	

Pumping Station		0%	1,785.00		
-----------------	--	----	----------	--	--

Lot A	2,805.00	0%			
Lot B	10,455.00	0%			

Contractor: NMC plc

FY	Pumping Station - Civils		
2016/17	Date	Event	Amount
		Issue of Contract after Tender validity date	
		Change to wind turbine	
		Change to access track and line of fence	
		Additional thickness to outfall structure	
	15/09/2016	Change to compressive strength of concrete	
		Change to pile load requirement	
		Change in pump configuration	
		Postponement of site mobilisation and works	
		Late Issue of Drawings	
		Excess material on site	
		Removal of Manhole	
		Change to Pile Loads and numbers	
		Change to discharge structure	
		Total cost of variation	-
		Tendered works value	307,871.71
		10% contingency	30,787.17
		Tender total	338,658.88
	09/11/2016	Actual value	43,448.10

Contractor: NMC plc

FY	Pumping Station - M&E		
2016/17	Date	Event	Amount
		Issue of Contract after Tender validity date	
		Change to wind turbine	
		Change in pump configuration	
		Total cost of variation	
		Tendered works value	220,208.27
		10% contingency	22,020.83
		Tender total	242,229.10
	11/10/2016	Actual value	14,406.50

Contractor: Northmoor Plant Ltd

FY	Project:	Lot A - Crowle Moors (0 % completed)	
2016/17	Date	Event	Amount (£)
		Total cost of variation	-
		Tendered works value	134,410.89
		10% contingency	13,441.09
		Tender total	147,851.98
		Actual value	

Contractor: G Fillingham & Sons

FY	Project:	Lot B - Ponybridge Wood, Cassons Garden & Weirs (0% completed)	
2016/17	Date	Event	Amount
		Total cost of variation	-
		Tendered works value	164,343.00
		10% contingency	16,434.30
		Tender total	180,777.30
		Actual value	

G Fillingham & Sons

Dobella Farm
 Dobella Lane
 Rawcliffe
 Nr Goole
 East Yorkshire
 DN14 8SQ



Mobile 07976 564994
 V.A.T Reg No 347 6603 40

Invoice to:
 Doncaster East IDB
 Epsom House
 Chase Park
 Redhouse Interchange
 Doncaster
 South Yorkshire
 DN6 7FE
 10 May 2016

L.O.T 2

Invoice Number : 2016 - 0009

Description	Qty.	Price Each	Amount
			£0.00
			£0.00
Hire of wide track Excavator as discussed	1	£3,100.00	£3,100.00
			£0.00
			£0.00
			£0.00
			£0.00
			£0.00
			£0.00
Sub total			£3,100.00
Vat @ 20 %			£620.00
Total			£3,720.00

Thank you, we appreciate your business

Payment from:-

Bank : HSBC Goole
 Sort code : 40-22-13
 Bank Account : 11370146

Sub Total	£3,100.00
Vat @ 20 %	£620.00
Total Paid	£3,720.00

G Fillingham & Sons

Dobella Farm
 Dobella Lane
 Rawcliffe
 Nr Goole
 East Yorkshire
 DN14 8SQ



Mobile 07976 564994
 V.A.T Reg No 347 6603 40

Invoice to:
 Doncaster East IDB
 Epsom House
 Chase Park
 Redhouse Interchange
 Doncaster
 South Yorkshire
 DN6 7FE
 28 August 2016

Invoice Number : 2016 – 0012

Description	Qty.	Price Each	Amount
			£0.00
			£0.00
Extra Bracing of Posts and Rails fitted to wires			£0.00
Fixed Weir 2	1	£262.40	£262.40
Fixed Weir 12	1	£301.40	£301.40
Fixed Weir 11	1	£253.40	£253.40
Fixed Weir 10	1	£262.40	£262.40
Fixed Weir 9	1	208.4	£208.40
		Sub total	£1,288.00
		Vat @ 20 %	£257.60
		Total	£1,545.60

Thank you, we appreciate your business

Payment from:-

Bank : HSBC Goole
 Sort code : 40-22-13
 Bank Account : 11370146

Sub Total	£1,288.00
Vat @ 20 %	£257.60
Total Paid	£1,545.60

G Fillingham & Sons

Dobella Farm
 Dobella Lane
 Rawcliffe
 Nr Goole
 East Yorkshire
 DN14 8SQ

Mobile 07976 564994
 V.A.T Reg No 347 6603 40



Invoice to:
 Doncaster East IDB
 Epsom House
 Chase Park
 Redhouse Interchange
 Doncaster
 South Yorkshire
 DN6 7FE
 11.09.2016

Invoice Number : 2016 – 0016

<i>Lot 2</i> Description	Qty.	Price Each	Amount
			£0.00
			£0.00
Plastic Pile Drivability Testing	1	£200.00	£200.00
<i>(19-5-16)</i>			£0.00
			£0.00
			£0.00
			£0.00
			£0.00
Sub total			£200.00
Vat @ 20 %			£40.00
Total			£240.00

Thank you, we appreciate your business

Payment from:-

Bank : HSBC Goole
 Sort code : 40-22-13
 Bank Account : 11370146

Sub Total	£200.00
Vat @ 20 %	£40.00
Total Paid	£240.00

G Fillingham & Sons

Dobella Farm
Dobella Lane
Rawcliffe
Nr Goole
East Yorkshire
DN14 8SQ



Mobile 07976 564994
V.A.T Reg No 347 6603 40

Invoice to:
Doncaster East IDB
Epsom House
Chase Park
Redhouse Interchange
Doncaster
South Yorkshire
DN6 7FE
28th August 2016

Invoice Number : 2016 – 0014

Description	Qty.	Price Each	Amount
<i>Steel Structures</i>			£0.00
			£0.00
Fully Galvanised Gantry fitted to Blue Bridge and Angle Drain	1	£3,600.00	£3,600.00
Re-floating of pomtoon and fitting galvanised bracings at southern boundary dam.	1	£710.00	£710.00
			£0.00
			£0.00
			£0.00
			£0.00
Sub total			£4,310.00
Vat @ 20 %			£862.00
Total			£5,172.00

Thank you, we appreciate your business

Payment from:-

Bank : HSBC Goole
Sort code : 40-22-13
Bank Account : 11370146

Sub Total	£4,310.00
Vat @ 20 %	£862.00
Total Paid	£5,172.00

G Fillingham & Sons

Dobella Farm
Dobella Lane
Rawcliffe
Nr Goole
East Yorkshire
DN14 8SQ

Mobile 07976 564994
V.A.T Reg No 347 6603 40



Invoice to:
Doncaster East IDB
Epsom House
Chase Park
Redhouse Interchange
Doncaster
South Yorkshire
DN6 7FE
11.09.2016

Invoice Number : 2016 - 0015

<i>Pump Station</i> Description	Qty.	Price Each	Amount
			£0.00
			£0.00
Removal of 19 tree stumps (to facilitate the construction of the pumping station)	1	£380.00	£380.00
Further scrub and tall grass cutting and removal (to mitigate against bird nesting during the works)	1	£200.00	£200.00
			£0.00
			£0.00
			£0.00
			£0.00
			£0.00
Sub total			£580.00
Vat @ 20 %			£116.00
Total			£696.00

Thank you, we appreciate your business

Payment from:-

Bank : HSBC Goole
Sort code : 40-22-13
Bank Account : 11370146

Sub Total	£580.00
Vat @ 20 %	£116.00
Total Paid	£696.00

INVOICE



To: Doncaster East Internal Drainage Board
 Epsom House
 Chase Park
 Redhouse Interchange
 DONCASTER
 DN6 7FE

FAO: Ian Benn

South Barn
 Broughton Hall
 Skipton
 North Yorkshire
 BD23 3AE
 United Kingdom

Client: Doncaster East Internal Drainage Board
Contract: Thorne, Crowle and Goole Moors WLMP Implementation
Client Order No: Meeting dated 6 April 2011
Client Contact: Ian Benn
JBA Project Code: 2011s5031

T +44 (0) 1756 799 919
E info@jbaconsulting.com

www.jbaconsulting.com

Invoice Number: 2016/2904
Tax Date: 29 September 2016
Stage: Interim invoice No. 53

Registered Office
 Broughton Hall
 Skipton
 North Yorkshire
 BD23 3AE
 United Kingdom

Jeremy Benn Associates Ltd
 Registered in England 3246693

Item	Description	Net Amount	VAT Rate	VAT
1	<i>For professional services rendered and expenses incurred in connection with the implementation of the WLMP for the period from the 1 March 2016 to 16 September 2016</i> Design and Appraisal Staff Costs (876.75 hours) Expenses (Midge, mosquito head net) Travel	£34,832.90 £7.20 £850.90	20.00% 20.00% 20.00%	£6,966.58 £1.44 £170.18
2	Construction Works Staff Costs (1049.35 hours) Expenses (Wooden pegs, marking paint) Travel	£41,181.89 £119.93 £1,394.17	20.00% 20.00% 20.00%	£8,236.38 £23.99 £278.83
3	Additional DEIDB asset items Leica Geosystems licenses, service, GPS pole, SD card	£2,207.25	20.00%	£441.45
4	Deduct for change in JBA Project Managers Staff hours (112.5)	-£5,869.95	20.00%	-£1,173.99

R. S. A. M.

Net Total: £74,724.29
 VAT: £14,944.86
Total now due: £89,669.15

VAT Registration No. GB 665 3009 41

Payment to 'Jeremy Benn Associates Ltd' at our Skipton office address, or BACS to Sort Code 20-78-42, A/C No. 10869538
 SWIFT: BARC GB 22; IBAN: GB28 BARC 2078 4210 8695 38

Payment Terms are strictly 28 days net from date of invoice.

Finance contact: finance@jbaconsulting.com



INVOICE

JBA
consulting

To: Doncaster East Internal Drainage Board
Epsom House
Chase Park
Adwick-le-Street
DONCASTER
DN6 7FE

FAO: Ian Benn

South Barn
Broughton Hall
Skipton
North Yorkshire
BD23 3AE
United Kingdom

Client: Doncaster East Internal Drainage Board
Contract: Thorne, Crowle and Goole Moors WLMP EIA
Client Order No: EA Grant Letter dated 21 February 2011
Client Contact: Ian Benn
JBA Project Code: 2011s4941

T +44 (0) 1756 799 919
E info@jbaconsulting.com

www.jbaconsulting.com

Invoice Number: 2016/2906
Tax Date: 29 September 2016
Stage: Interim invoice No.11

Registered Office
Broughton Hall
Skipton
North Yorkshire
BD23 3AE

United Kingdom

Jeremy Benn Associates Ltd
Registered in England 3246693

Item	Description	Net Amount	VAT Rate	VAT
1	<i>For professional services rendered and expenses incurred in connection with preparation of an EIA and HRA for the period from 01 July to 16 September 2016.</i> Ecology for HRA	£204.00	20.00%	£40.80
2	Project Management	£48.33	20.00%	£9.67

Net Total: £252.33

VAT: £50.47

Total now due: £302.80

R. S. A. M.

VAT Registration No. GB 665 3009 41

Payment to 'Jeremy Benn Associates Ltd' at our Skipton office address, or BACS to Sort Code 20-78-42, A/C No. 10869538

SWIFT: BARC GB 22; IBAN: GB28 BARC 2078 4210 8695 38

Payment Terms are strictly 28 days net from date of invoice.

Finance contact: finance@jbaconsulting.com



INVOICE



To: Doncaster East Internal Drainage Board
 Epsom House
 Chase Park
 Redhouse Interchange
 DONCASTER
 DN6 7FE

FAO: Ian Benn

South Barn
 Broughton Hall
 Skipton
 North Yorkshire
 BD23 3AE
 United Kingdom

Client: Doncaster East Internal Drainage Board
Contract: Thorne, Crowle and Goole Moors WLMP Implementation
Client Order No: Meeting dated 6th April 2011
Client Contact: Ian Benn
JBA Project Code: 2011s5031

T +44 (0) 1756 799 919
E info@jbaconsulting.com

www.jbaconsulting.com

Invoice Number: 2016/3416
Tax Date: 3 November 2016
Stage: Interim invoice No. 54

Registered Office
 Broughton Hall
 Skipton
 North Yorkshire
 BD23 3AE

United Kingdom

Jeremy Benn Associates Ltd
 Registered in England 3246693

Item	Description	Net Amount	VAT Rate	VAT
1	<i>For professional services rendered and expenses incurred in connection with the implementation of the WLMP for the period from 19 September to 31 October 2016.</i> Design and Appraisal Staff Costs (93.75 hours) Expenses Travel	£3,713.19 £0.00 £60.50	20.00% 20.00% 20.00%	£742.64 £0.00 £12.10
2	Construction Works Staff Costs (212.25 hours) Expenses (Stake, tape measure, marking paint) Travel	£8,904.65 £60.14 £336.50	20.00% 20.00% 20.00%	£1,780.93 £12.03 £67.30
3	CDM Regulations CDM Advisor - Sub-contract	£3,275.00	20.00%	£655.00

R. S. A. M.

Net Total: £16,349.98
 VAT: £3,270.00
Total now due: £19,619.98

VAT Registration No. GB 665 3009 41

Payment to 'Jeremy Benn Associates Ltd' at our Skipton office address, or BACS to Sort Code 20-78-42, A/C No. 10869538
 SWIFT: BARC GB 22; IBAN: GB28 BARC 2078 4210 8695 38

Payment Terms are strictly 28 days net from date of invoice.

Finance contact: finance@jbaconsulting.com





To:- Doncaster East IDB
 Epsom House
 Chase Park
 Redhouse Interchange
 Doncaster
 DN6 7FE

Invoice

RE: Thorne Moors Pumping Station

VAT No	INV No	CONT No	TENDER £	ORDER No	JOB No	DATE
648 1915 16	34544-1	34544A		LOT 1		29/09/2016
DESCRIPTION						AMOUNT £
<p>Thorne Moors Pumping Station</p> <p>Works completed on the above as per certified application</p> <p>Please note that we have recently been made aware of an attempt to fraudulently change our bank details. We can confirm that we HAVE NOT changed our banking arrangements and our account number and sort code remain the same. Should you receive any correspondence in relation to a change of bank details please forward directly to our Finance Director Daniel Taylor at our head office</p> <p>Bank: Lloyds Bank Acc name : North Midland Construction plc Sort Code: 30-96-18 Acc No: 02853661</p> <p>Payment due by 30th October 2016</p>						13,069.99

GROSS AMOUNT	13,069.99
LESS RETENTION @ 5%	653.50
SUBTOTAL	12,416.49
ADJUSTMENT FOR RELEASE OF RETENTION	0.00
SUBTOTAL	12,416.49
ADD MATERIALS ON SITE	0.00
SUBTOTAL	12,416.49
LESS PREVIOUSLY CERTIFIED	0.00
SUBTOTAL	12,416.49
VAT @ 20%	2,483.30
TOTAL DUE £	14,899.79



North Midland Construction PLC

THIS IS NOT A VAT INVOICE

**Client:- Doncaster East IDB
Epsom House
Chase Park
Redhouse Interchange
Doncaster
DN6 7FE**

**APPLICATION FOR PAYMENT No:
34544 Lot 1 App 1**

Client Ref:- Lot 1 - Thorne Moors Pumping Station Lot 1

**Contract: Thorne Moors Pumping Station
Valuation upto: 31st August 2016**

VAT No	App No	CONT No	TENDER £	ORDER No	DATE
648 1915 16	1	34544	£ 338,658.88	TBC	31/08/2016
DESCRIPTION					AMOUNT £
Valuation Of Work Completed To 31st August 2016					
Lot 1 - Civils Works					13,069.99
Lot 1 - Compensation Events					0.00
DEIDB CONTACTS : accounts@shiregroup-idbs.gov.uk					
PAYMENT DUE BY : 26th September 2016					
Plus/Minus Adjustment Items:-					

Comments:-

SUBTOTAL	13,069.99
LESS 5% RETENTION	653.50
SUBTOTAL	12,416.49
ADD RELEASE OF RETENTION	0.00
SUBTOTAL	12,416.49
ADD MATERIALS ON SITE	0.00
SUBTOTAL	12,416.49
LESS PREVIOUSLY APPLIED	0.00
TOTAL DUE £	12,416.49
VAT attracted @ 20%	2,483.30

FOR OFFICE USE ONLY					
MONTH	CONT No	APP DATE	No	NET VAUE	C
B 16	34544 Lot 1 App 1		1		
CERT DATE	NET RET	NET VAR	VAT		C



To:- Doncaster East IDB
 Epsom House
 Chase Park
 Redhouse Interchange
 Doncaster
 DN6 7FE

Invoice

Nunn Close
 The County Estate
 Huthwaite
 Sutton-in-Ashfield
 Nottinghamshire
 NG17 2HW

Tel: 01623 515008
 Web: www.northmid.co.uk

RE: Thorne Moors Pumping Station

VAT No	INV No	CONT No	TENDER £	ORDER No	JOB No	DATE
648 1915 16	34544-2	34544A		LOT 1		11/10/2016
DESCRIPTION						AMOUNT £
Thorne Moors Pumping Station						
Works completed on the above as per certified application						26,703.31
<p>Please note that we have recently been made aware of an attempt to fraudulently change our bank details. We can confirm that we HAVE NOT changed our banking arrangements and our account number and sort code remain the same. Should you receive any correspondence in relation to a change of bank details please forward directly to our Finance Director Daniel Taylor at our head office</p> <p>Bank: Lloyds Bank Acc name : North Midland Construction plc Sort Code: 30-96-18 Acc No: 02853661</p> <p>Payment due by 1st November 2016</p>						

GROSS AMOUNT	26,703.31
LESS RETENTION @ 5%	1,335.17
SUBTOTAL	25,368.14
ADJUSTMENT FOR RELEASE OF RETENTION	0.00
SUBTOTAL	25,368.14
ADD MATERIALS ON SITE	0.00
SUBTOTAL	25,368.14
LESS PREVIOUSLY CERTIFIED	12,416.49
SUBTOTAL	12,951.65
VAT @ 20%	2,590.33
TOTAL DUE £	15,541.99

North Midland Construction PLC Group
 Nunn Close, The County Estate,
 Huthwaite, Sutton-in-Ashfield,
 Nottinghamshire,
 NG17 2HW

North Midland Construction PLC
 Registered No 425188 Eng and
 Normeca Limited
 Registered No 3575174 England



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Client:- Doncaster East IDB
 Epsom House
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 Doncaster
 DN6 7FE

APPLICATION FOR PAYMENT No:
 34544 Lot 1 App 2

Client Ref:- Lot 1 - Thorne Moors Pumping Station Lot 1

Contract: Thorne Moors Pumping Station
Valuation upto: 30th September 2016

VAT No	App No	CONT No	TENDER £	ORDER No	DATE
648 1915 16	2	34544.1	£ 338,658.88	Lot 1 - Thorne Moors Pumping Station Lot 1	28/09/2016
DESCRIPTION					AMOUNT £
Valuation Of Work Completed To 30th September 2016					
Lot 1 - Civils Works					26,703.31
Lot 1 - Compensation Events					0.00
DEIDB CONTACTS : accounts@shiregroup-idbs.gov.uk					
PAYMENT DUE BY : 21st October 2016					
Plus/Minus Adjustment Items:-					

Comments:-

SUBTOTAL	26,703.31
LESS 5% RETENTION	1,335.17
SUBTOTAL	25,368.15 <i>14</i>
ADD RELEASE OF RETENTION	0.00
SUBTOTAL	25,368.15 <i>14</i>
ADD MATERIALS ON SITE	0.00
SUBTOTAL	25,368.15 <i>14</i>
LESS PREVIOUSLY APPLIED	12,416.49
TOTAL DUE £	12,951.66 <i>65</i>
VAT attracted @ 20%	2,590.33

FOR OFFICE USE ONLY					
MONTH	CONT No	APP DATE	No	NET VAUE	C
9 16	34544 Lot 1 App 2		2		
CERT DATE	NET RET	NET VAR	VAT		C

34544-1 28/9/16

(2)

£ B633-32



To:- Doncaster East IDB
 Epsom House
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Invoice

RE: Thorne Moors Pumping Station

VAT No	INV No	CONT No	TENDER £	ORDER No	JOB No	DATE
648 1915 16	34544-3	34544		LOT 1		09/11/2016
DESCRIPTION						AMOUNT £
Thorne Moors Pumping Station						
Works completed on the above as per certified application						43,448.10
<p>Please note that we have recently been made aware of an attempt to fraudulently change our bank details. We can confirm that we HAVE NOT changed our banking arrangements and our account number and sort code remain the same. Should you receive any correspondence in relation to a change of bank details please forward directly to our Finance Director Daniel Taylor at our head office</p> <p>Bank: Lloyds Bank Acc name : North Midland Construction plc Sort Code: 30-96-18 Acc No: 02853661</p> <p>Payment due by 30th November 2016</p>						
GROSS AMOUNT						43,448.10
LESS RETENTION @ 5%						2,172.41
SUBTOTAL						41,275.70
ADJUSTMENT FOR RELEASE OF RETENTION						0.00
SUBTOTAL						41,275.70
ADD MATERIALS ON SITE						0.00
SUBTOTAL						41,275.70
LESS PREVIOUSLY CERTIFIED						25,368.15
SUBTOTAL						15,907.55
VAT @ 20%						3,181.51
TOTAL DUE £						19,089.05

North Midland Construction PLC
 Registered No 425188 England



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RE: Thorne Moors Pumping Station

VAT No	INV No	CONT No	TENDER £	ORDER No	JOB No	DATE
648 1915 16	34544A-1	34544A		LOT 2		29/09/2016
DESCRIPTION						AMOUNT £
Thorne Moors Pumping Station						
Works completed on the above as per certified application						750.00
<p>Please note that we have recently been made aware of an attempt to fraudulently change our bank details. We can confirm that we HAVE NOT changed our banking arrangements and our account number and sort code remain the same. Should you receive any correspondence in relation to a change of bank details please forward directly to our Finance Director Daniel Taylor at our head office</p> <p>Bank: Lloyds Bank Acc name : North Midland Construction plc Sort Code: 30-96-18 Acc No: 02853661</p> <p>Payment due by 30th October 2016</p>						

GROSS AMOUNT	750.00
LESS RETENTION @ 5%	37.50
SUBTOTAL	712.50
ADJUSTMENT FOR RELEASE OF RETENTION	0.00
SUBTOTAL	712.50
ADD MATERIALS ON SITE	0.00
SUBTOTAL	712.50
LESS PREVIOUSLY CERTIFIED	0.00
SUBTOTAL	712.50
VAT @ 20%	142.50
TOTAL DUE £	855.00

Registered Office:
NM Group
 Nunn Close The County Estate
 Huthwaite Sutton-in-Ashfield Nottinghamshire NG17 2HW
 Tel: 01623 515008



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 Registered No 3575174 England

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**Client:- Doncaster East IDB
Epsom House
Chase Park
Redhouse Interchange
Doncaster
DN6 7FE**

**APPLICATION FOR PAYMENT No:
34544 Lot 2 App 1**

Client Ref:- Lot 2 - Thorne Moors Pumping Station Lot 2

**Contract: Thorne Moors Pumping Station
Valuation upto: 31st August 2016**

VAT No	App No	CONT No	TENDER £	ORDER No	DATE
648 1915 16	1	34544	£ 242,229.10	TBC	31/08/2016
DESCRIPTION					AMOUNT £
Valuation Of Work Completed To 31st August 2016					
Lot 2 - M&E Works					750.00
Lot 2 - Compensation Events					0.00
DEIDB CONTACTS : accounts@shiregroup-idbs.gov.uk					
PAYMENT DUE BY : 26th September 2016					
Plus/Minus Adjustment Items:-					

Comments:-

SUBTOTAL	750.00
LESS 5% RETENTION	37.50
SUBTOTAL	712.50
ADD RELEASE OF RETENTION	0.00
SUBTOTAL	712.50
ADD MATERIALS ON SITE	0.00
SUBTOTAL	712.50
LESS PREVIOUSLY APPLIED	0.00
TOTAL DUE £	712.50
VAT attracted @ 20%	142.50

FOR OFFICE USE ONLY					
MONTH	CONT No	APP DATE	No	NET VAUE	C
8	16	34544 Lot 2 App 1	1		
CERT DATE	NET RET	NET VAR	VAT		C



To:- Doncaster East IDB
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Tel: 01623 515008
 Web: www.northmid.co.uk

RE: Thorne Moors Pumping Station

VAT No	INV No	CONT No	TENDER £	ORDER No	JOB No	DATE
648 1915 16	34544A-2	34544A		LOT 2		11/10/2016
DESCRIPTION						AMOUNT £

Thorne Moors Pumping Station

Works completed on the above as per certified application

14,406.50

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Bank: Lloyds Bank
Acc name : North Midland Construction plc
Sort Code: 30-96-18
Acc No: 02853661

Payment due by 1st November 2016

GROSS AMOUNT	14,406.50
LESS RETENTION @ 5%	720.33
SUBTOTAL	13,686.18
ADJUSTMENT FOR RELEASE OF RETENTION	0.00
SUBTOTAL	13,686.18
ADD MATERIALS ON SITE	0.00
SUBTOTAL	13,686.18
LESS PREVIOUSLY CERTIFIED	712.50
SUBTOTAL	12,973.68
VAT @ 20%	2,594.74
TOTAL DUES DORS IN PEOPLE	15,568.41

North Midland Construction PLC Group
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 Huthwaite, Sutton-in-Ashfield,
 Nottinghamshire,
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 Registered No 3575174 England



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**Client:- Doncaster East IDB
Epsom House
Chase Park
Redhouse Interchange
Doncaster
DN6 7FE**

**APPLICATION FOR PAYMENT No:
34544 Lot 2 App 2 Rev 1**

Client Ref:- Lot 2 - Thorne Moors Pumping Station Lot 2

**Contract: Thorne Moors Pumping Station
Valuation upto: 30th September 2016**

VAT No	App No	CONT No	TENDER £	ORDER No	DATE
648 1915 16	2	34544.A	£ 242,229.10	Lot 2 - Thorne Moors Pumping Station Lot 2	28/09/2016
DESCRIPTION					AMOUNT £
Valuation Of Work Completed To 30th September 2016					
Lot 2 - M&E Works					14,406.50
Lot 2 - Compensation Events					0.00
DEIDB CONTACTS : accounts@shiregroup-idbs.gov.uk					
PAYMENT DUE BY : 21st October 2016					
Plus/Minus Adjustment Items:-					

Comments:-

SUBTOTAL	14,406.50
LESS 5% RETENTION	720.33
SUBTOTAL	13,686.18
ADD RELEASE OF RETENTION	0.00
SUBTOTAL	13,686.18
ADD MATERIALS ON SITE	0.00
SUBTOTAL	13,686.18
LESS PREVIOUSLY APPLIED	712.50
TOTAL DUE £	12,973.68
VAT attracted @ 20%	2,594.74

FOR OFFICE USE ONLY					
MONTH	CONT No	APP DATE	No	NET VAUE	C
9 16	34544 Lot 2 App 2 Rev 1		2		
CERT DATE	NET RET	NET VAR	VAT		C

34544.A

28/9/16

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£13656.50