

A1 in Northumberland: Morpeth to Ellingham

Scheme Number: TR010059

6.45 Borrow Pit Dewatering Plan for Change Request

Rule 8(1)(c)

Planning Act 2008

Infrastructure Planning (Examination Procedure) Rules 2010

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Examination Procedure) Rules
2010**

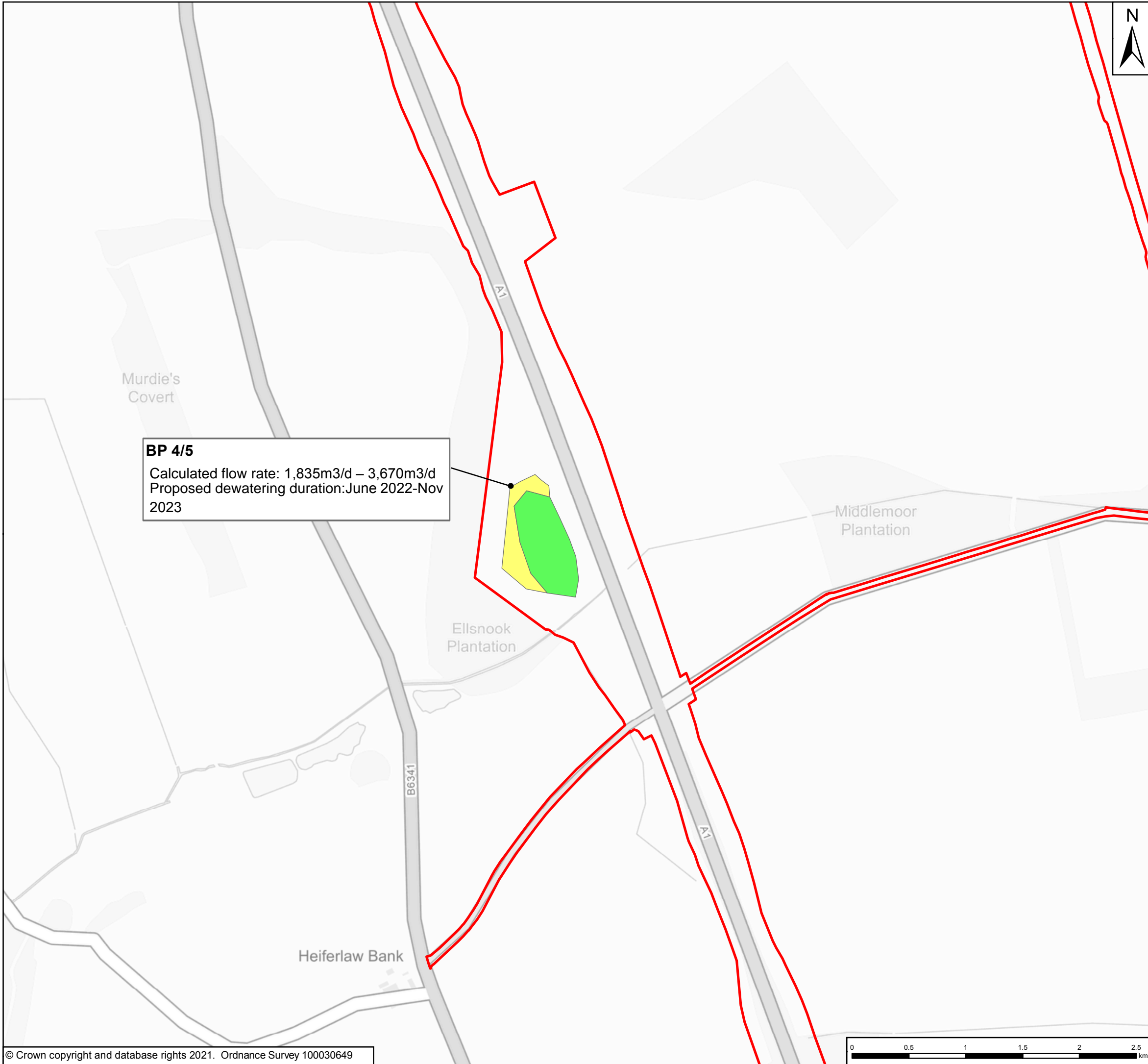
**The A1 in Northumberland: Morpeth to
Ellingham**

Development Consent Order 20[xx]

Borrow Pit Dewatering Plan for Change Request

Rule Reference:	8(1)(c)
Planning Inspectorate Scheme Reference:	TR010059
Doc Reference:	6.45
Author:	A1 in Northumberland: Morpeth to Ellingham Project Team, Highways England

Version	Date	Status of Version
Rev 0	April 2021	Deadline 5



BP 4/5
 Calculated flow rate: 1,835m³/d – 3,670m³/d
 Proposed dewatering duration: June 2022–Nov 2023



- Key**
- Order Limits
 - Borrow Pit 4 (BP4)
 - Borrow Pit 5 (BP5)

- Notes:**
- BP 4 and 5 are at the same location but are split into 2 areas; that of the borrow pit which will be retained as a lined detention pond (BP4) and the borrow pit which falls outside the extent of the detention pond (BP5).
 - BP4 and 5 were assessed as one location for the groundwater inflow assessment in order to establish their influence on the heritage site (tumulus) located at Ellsnook Plantation during construction.
 - BP5 will be backfilled with material of suitable permeability such as not to cause alteration of the groundwater flow regime or levels.

Rev	Date	Description	By	Chk'd	App'd
P01	10/03/2021	First Issue	RM	LM	KS

Client

Project Title: A1 in Northumberland: Morpeth to Ellingham

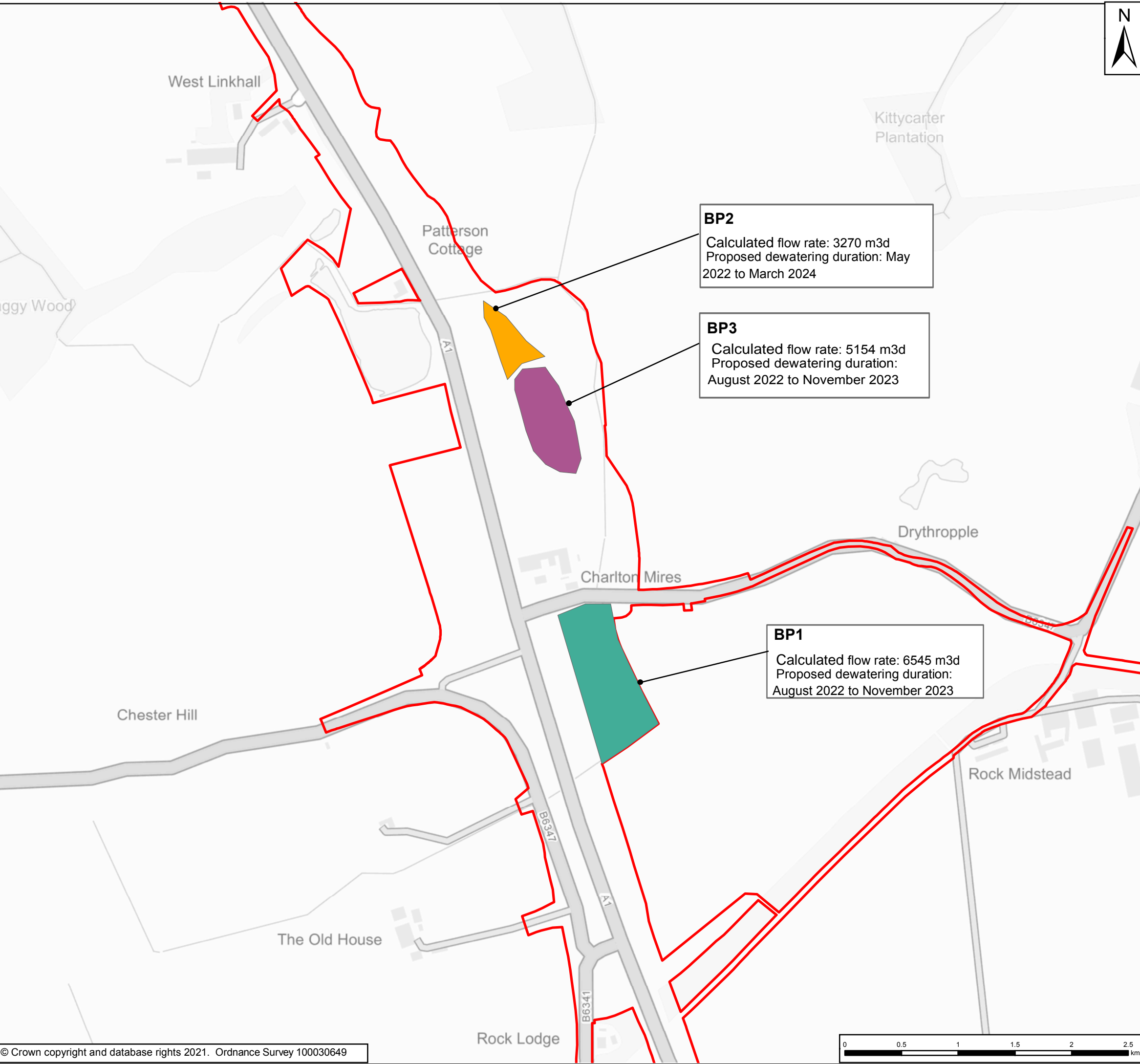
Drawing Title: Borrow Pit 4/5 Location and Abstraction Rate and Duration for Change Request

Scale	Drawn	Checked	Approved	Authorised
1:5,000	RM	LM	KS	DM
Original Size	Date	Date	Date	Date
A3	10/03/2021	10/03/2021	10/03/2021	10/03/2021

Drawing Status: For Information
 Suitability: S1

Drawing Number	Originator	Volume	Project Ref. No.
HE551459	WSP		70044137
Location	Type	Role	Number
A2E	RP	LE	2130
			P01





Key

- Order Limits
- Borrow Pit 1 (BP1)
- Borrow Pit 2 (BP2)
- Borrow Pit 3 (BP3)

Notes:

- BP1 and BP2 will be backfilled with material of suitable permeability such as not to cause alteration of the groundwater flow regime or levels.
- BP3 will be backfilled with suitable material and lined to form a detention basin.

BP2
 Calculated flow rate: 3270 m3d
 Proposed dewatering duration: May 2022 to March 2024

BP3
 Calculated flow rate: 5154 m3d
 Proposed dewatering duration: August 2022 to November 2023

BP1
 Calculated flow rate: 6545 m3d
 Proposed dewatering duration: August 2022 to November 2023

P01	22/03/2021	First Issue	RM	LM	KS
Rev	Date	Description	By	Chk'd	App'd

Client

Project Title
A1 in Northumberland: Morpeth to Ellingham

Drawing Title
Borrow Pits 1, 2 & 3 Location and Abstraction Rate and Duration for Change Request

Scale	Drawn	Checked	Approved	Authorised
1:5,000	RM	LM	KS	DM
Original Size	Date	Date	Date	Date
A3	22/03/2021	22/03/2021	22/03/2021	22/03/2021

Drawing Status: **For Information** Suitability: **S1**

Drawing Number	Originator	Volume	Project Ref. No.
HE551459	WSP		70044137
A2E	RP	LE	2130
Location	Type	Role	Number
			P01

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