Cauldon Quarry

Consolidation Application

Phase 1 - Limestone

Outline Operations:

- Limestone extraction will continue within the currently generally exposed quarry footprint. The development extends the upper faces to their final southern limit, together with the creation of progressive restoration rollover slopes.
- Lateral working of existing quarry faces will also take place above the current anticipated maximum water level. Deepening to the 215m aOD within Cauldon Quarry will be undertaken in accordance with existing approvals.
- A new concrete block plant may be constructed on the floor of Caldon Low Quarry.
- Extraction, processing and transport of the material from the 2 limestone quarries and shale quarry will continue in line with the current situation. A new mobile plant for processing limestone from the 2 quarries is currently being considered and would be located in the north
- Progressive Restoration of the upper southern benches and faces.
- Turves from the Rue Hill SSSI will be translocated and placed on the top of School House Tip and turves from Caldon Dales SSSI will be translocated and placed on the top of the southern rollover slope within Cauldon Quarry. The southern rollover slope within Caldon Low Quarry will be seeded.
- Output - no change to Cauldon Limestone or Shale Quarries.

Output:
Limestone: 18 million tonnes
Shale: 1.2 to 1.7 million

Duration:
6.0 to 8.5 years
6.0 to 8.5 years

A523
Waterhouses
242.0
218.0
Agricultural Land
Temporarily Restored Material (in Bunds) for the final restoration of the Shale Quarry
Cauldon Shale Quarry
Please see Drawing No. AI-044-M.D.012 for Shale Development
Shale Stockpile Area
Lafarge Cauldon Cement Plant
Access
Cauldon
290.0
Conveyor
Offices & Car Parking
Agricultural Land
Crusher
North Tip
Offices
271.0
315.0
Quarry Vehicular Exit
Quarry Vehicular Entrance
366.0
Asphalt Plant
285.0
326.0
SPINE OF ROCK
Phase 1 DEEPENING
215.0
Existing Quarry Tip Landforms (Restored)
Hemmingslow Tip
Phase 1 LATERAL WORKING
290.0
Non SSSI Donor Grassland Translocation Area
Phase 1 Restoration
260.0
300.0
354.0
School House Tip
338.0
Phase 1 LATERAL WORKING
Phase 1 Restoration
Phase 1 Restoration
Approved SSSI Translocation Area
Approved SSSI Translocation Area
352.0
A52
A52
A52
Ellastone Road

LEGEND

- Application Site Boundary
- Limit of Extraction Phase 1
- Restored Quarry Tips
- Plant Site and Stocking Area
- Operational Area
- Quarried Faces
- Direction of Working - Phase 1
- Previously Restored Land
- Restoration within this Phase
- 218.0 — 2m Contours & Spot Levels (m aOD)
- Agricultural Land within the Applicaton Boundary
- Primary Woodland Blocks
- Buildings
- Existing Public Rights of Way

Heatons
Planning Environment Design

PROJECT
Cauldon Quarry - Consolidation Application

DRAWING TITLE
Phase 1 - Limestone

DATE
May 2020

REFERENCE
AI-044-M.D.006

N

SCALE
1:10,000 @ A3

STATUS
FINAL

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