

## **RETENTION OF WATER RUN OFF DRAIN FOR HAYFIELD QUARRY, NEW MILLS ROAD, BIRCH VALE, HAYFIELD**

Site: Land Adjacent to Hayfield Quarry, Off New Mills Road,  
Hayfield, Birchvale, Derbyshire

Planning, Design & Access Statement

Document Reference: 2615-376-A

---

- 1.1 The construction of the existing run off drain for the drainage from Hayfield Quarry to the River Sett was carried out from 28<sup>th</sup> October 2013 until 8<sup>th</sup> November 2013 (i.e. over a 2 week period).
- 1.2 The newly constructed run off drain provides an improved arrangement for water run-off from Hayfield Quarry. A similar proposal was submitted to High Peak Borough Council in April 2007 and approved with conditions in August 2007 (Application No. HPK/2007/0437).
- 1.3 The previous planning permission (referred to in 1.2 above) was not implemented by the previous site owners/occupiers and, hence, lapsed in August 2010.
- 1.4 The new site owner, Hayfield Chatsworth Stone Ltd (i.e. the Applicant), carried out the construction works for the proposed water run-off drain from Hayfield Quarry with minor alterations to the original proposal with regards the route and outlet point. During the works, the applicant found that the suitability of the ground near to the former proposed lagoon (diffuse) discharge point was completely unsuitable due to waterlogging, therefore the pipe was routed to discharge at the new outlet point shown on Drawing No. 2615/376/23 via an existing headwall in the stream bank. This drawing also contains the detailed designs for the completed proposed works. The current proposal reflects the most suitable route for the drain.
- 1.5 In the previous situation, all water leaving the site was carried under New Mills Road in a drain which discharges directly onto the land opposite the quarry entrance. The water then found its way across a field to a ditch running along the south side of the

Sett Valley Trail. The water from the quarry, together with other surface water run-off from the surrounding land, was culverted under the trail via an existing culvert, then discharged onto the land on the north of the trail, ultimately finding its way down to the River Sett. The completed works which are the subject of this application for retention utilised the already existing culverted drain to traverse the Sett Valley Trail and has incorporated it into the new drainage route thus preventing unnecessary excavation works to the trail. In fact, the connection to the existing culvert allowed the culvert to be freed from debris which was impeding normal flow through the culvert.

- 1.6 The run-off from the quarry in the previous situation appears to have contributed, over the years, to the localised saturation of some of the agricultural land over which the water passed. This application seeks consent to retain a newly laid 220mm surface water drain under the land which discharges into the River Sett. The water from the quarry still discharges into the river thus this application seeks consent to retain the existing drainage works which have been carried out to improve the means by which the quarry drainage reaches the River Sett. The works have not sought to discharge any additional water from the site.
- 1.7 The quality of water from the site will be strictly monitored by the Environment Agency via a discharge consent for consent to discharge the drainage from the quarry to controlled waters. The run-off from the quarry itself goes through a series of filtration and settlement processes, in order to remove sediment or other impurities from it and to ensure that an ongoing, high level of purity is achieved. Those purification processes do not form part of this application as these are directly related to the planning permission for the quarry regulated and upheld by the Mineral Planning Authority (Derbyshire County Council).
- 1.8 The land over which the proposed drain passes, is owned by 3 separate parties. All have received formal notification of this application.
- 1.9 This application is accompanied by the following documents:
  - Completion Statement For Works.
  - Location Plan (Drawing No. 2615/376/22).
  - Proposed Run Off Drain Details (Drawing No. 2615/376/23).
  - Flood Risk Assessment.
  - Heritage Statement.

- 1.10 Biodiversity – During the pipeline construction works, care was taken to ensure that no existing vegetation was damaged or affected and the final landform was returned to grassland and, hence, incorporated back into the wider agricultural units through which the pipeline route traversed. As a result of the measures taken, the completed works are considered to have no residual impact to biodiversity in the local or wider area.