

PROJECT REPORT

Client: E C Drummond

Project: Reservoirs and Conservation Area

Site: Coughton Marsh, Ross-on-Wye

1. Notional Capacities of Reservoirs

Reservoir no. 1	27600m ³ (6.00 million gallons)
Reservoir no. 2	21300m ³ (4.70 million gallons)
Reservoir no. 3	33200m ³ (7.30 million gallons)
Reservoir no. 4	198500m ³ (43.70 million gallons)

2. Phasing of the Works

The construction of the reservoirs and associated facilities will likely be phased over 3-4 years.

Phase I

Reservoir no. 4 and small sedimentation pool in area of reservoir no. 3

Creation and establishment of wetland area with very shallow pools or scrapes to eastern and southern margins of the proposal, linking up with the Herefordshire Nature Trust area to the east.

Creation of profiled raised tumps to areas west of proposals with selected plantings of native species.

These works to be carried out with due regard to the protected area of the known badger sett.

Phase II

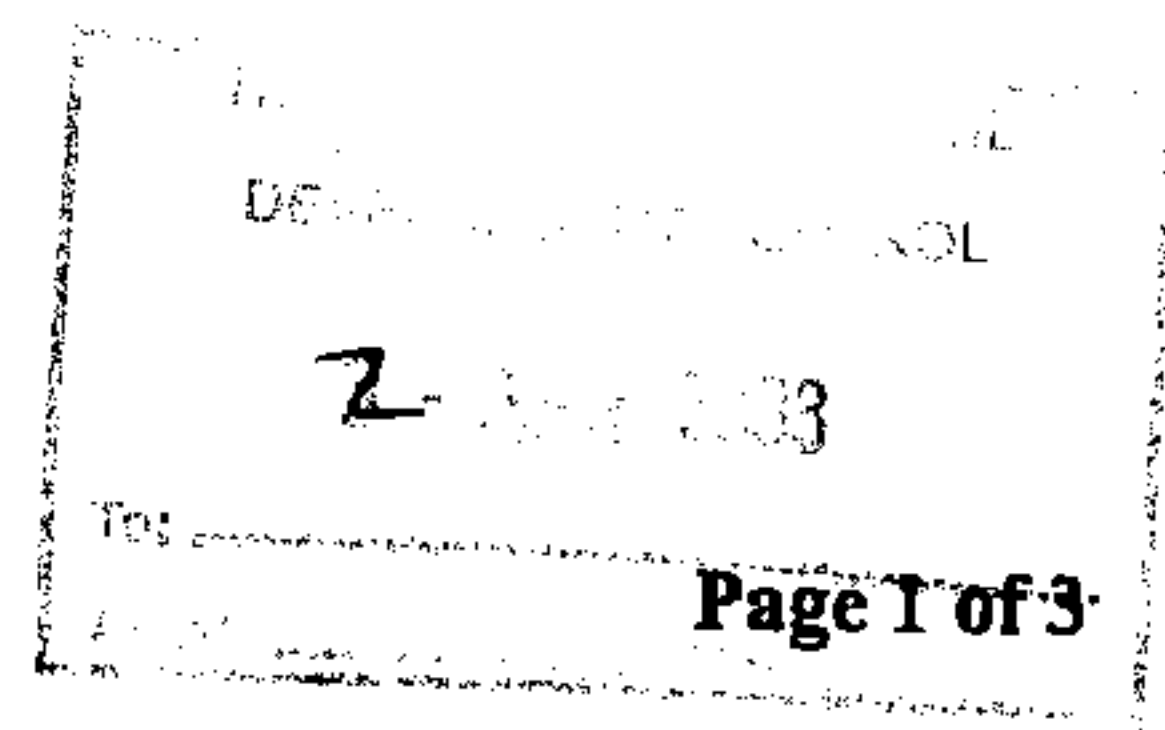
Reservoir no. 3 incorporating small silt trap area.

Creation of profiled raised tumps to areas west of the proposals with selected plantings of native species

Phase III

Reservoirs no's 1 and 2 together with sedimentary pond.

Creation and establishment of wetland area with very shallow pools or scrapes to eastern and northern margins of the proposal, linking up to the Herefordshire Nature Trust area to the north.



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Ref: 117.301

18th March 2008

PROJECT REPORT**Client:** E C Drummond**Project:** Reservoirs and Conservation Area**Site:** Coughton Marsh, Ross-on-Wye**3. Methodology****Phase I**

Removal of topsoil in primary deposition area and temporary stockpiling on lands to west of area.

Removal of topsoil from area of excavations, and carting to stockpile area on lands to west of area.

Excavate oversite to reduced levels and grades, with excavated material carted to:

- perimeter areas of deposition local to the reservoir
- area of primary fill north of the poultry site

All deposited soil to be spread and compacted to consolidation in maximum 150mm layers.

At all times measures must be taken as work proceeds to maintain natural drainage of the land areas involved.

Primary excavations to be initiated in the southern aspects of the proposed facility, working progressively in a northerly direction, in order to facilitate natural control of accumulating groundwaters, with stand by pumping available to dewater the works on demand.

The wetland pools and scrapes to be created by excavation and earthmoving on completion of the primary works.

The transfer pipework to be installed, comprising temporary inlet works and pipework, and transfer pipework and associated headwall works concerned with inlet and overflow works.

Phase II

Removal of topsoil from area of excavations, and carting to stockpile area on lands to west of area.

Excavate oversite to reduced levels and grades, with excavated material carted to:

- perimeter areas of deposition local to the reservoir
- area of primary fill north of the poultry site

All deposited soil to be spread and compacted to consolidation in maximum 150mm layers.

At all times measures must be taken as work proceeds to maintain natural drainage of land areas involved.

Primary excavations to be initiated in the southern aspects of the proposed facility, working progressively in a northerly direction, in order to facilitate natural control of accumulating groundwaters, with stand by pumping available to dewater the works on demand.

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To: _____

PROJECT REPORT**Client:** E C Drummond**Project:** Reservoirs and Conservation Area**Site:** Coughton Marsh, Ross-on-Wye**Phase III**

Removal of topsoil in primary deposition area and temporary stockpiling on lands to west of area.

Removal of topsoil from area of excavations, and carting to stockpile area on lands to west of area.

Excavate oversite to reduced levels and grades, with excavated material carted to:

- perimeter areas of deposition local to the reservoir
- area of primary fill north of the poultry site

All deposited soil to be spread and compacted to consolidation in maximum 150mm layers.

At all times measures must be taken as work proceeds to maintain natural drainage of the land areas involved.

Primary excavations to be initiated in the southern aspects of the proposed facility, working progressively in a northerly direction, in order to facilitate natural control of accumulating groundwaters, with stand by pumping available to dewater the works on demand.

The wetland pools and scrapes to be created by excavation and earthmoving on completion of the primary works.

The transfer pipework to be installed, comprising temporary inlet works and pipework, and transfer pipework and associated headwall works concerned with inlet and overflow works.

Grading Back

The grading back of topsoil will be undertaken in the relevant areas progressively as the particular phase nears completion.

4. Landscape Plantings

The ground will be prepared for landscape planting in the first season following the completion of each phase.

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