

Issues

Drain

Drain

Drain

Collects
NEW SURFACE WATER DITCH 500mm X 500mm
IL : 173.500mAO
CL : 174.000mAO

EXISTING DITCH AND MINE
ADIT COLLECTING LANDFILL
AND OFFSITE FLOWS

IL : 173.500mAO
CL : 174.000mAO

NEW 300mm CULVERT TO BE FITTED
WITH ALTHON H3C PC INLET HEADWALL
WITH ISOLATION PENSTOCK AND
CONCRETE SANDBAG OUTLET HEADWALL.
PIPEWORK TO FALL AT A MINIMUM OF
1:225 WITH A 200mm ORIFICE PLATE
IL : 164.500mAO
CL : 166.500mAO

EXISTING 300mm CULVERT
IL : 165.400mAO
CL : 166.500mAO

Ex. 300mm CULVERT
TO BE BLOCKED

Ex. 300mm CULVERT

Ex. 300mm CULVERT

NEW 300mm CULVERT WITH ALTHON
H3C PC INLET HEADWALL WITH
ISOLATION PENSTOCK AND CONCRETE
SANDBAG OUTLET HEADWALL. PIPEWORK
TO FALL AT A MINIMUM OF 1:225 WITH
A 257mm ORIFICE PLATE
IL : 164.000mAO
CL : 166.000mAO

Ex. 300mm CULVERT

NEW 500mm
ISOLATION STOP LOG

1200mm CATCHPIT

EXISTING 500mm CULVERT
PIPE 1.005

EXISTING 500mm CULVERT
PIPE 1.005

PERMITTED OUTFALL

EXISTING APPROVED
OUTFALL TO THE
UPPER CLYDACH RIVER

EXISTING CAPPED SITE TO BE BUNDED
TO PREVENT SURFACE WATER RUNOFF
GETTING TO THE HAUL ROAD. CAP BUND
TO EXTEND AROUND THE CAP CONTOURS
FALLING TO THE EXISTING MAIN SITE
SETTLEMENT LAGOONS ON THE
NORTHERN SIDE.

IL : 165.500mAO
CL : 166.000mAO

EXISTING SETTLEMENT LAGOON
IL : 163.500mAO
CL : 166.000mAO

EXISTING 225mm CULVERT
PIPE 1.002
IL : 163.500mAO
CL : 166.000mAO

EXISTING SETTLEMENT
LAGOON
IL : 162.400mAO
CL : 164.000mAO

EXISTING 225mm CULVERT
PIPE 1.003
NEW 178mm ORIFICE
PLATE TO BE INSTALLED TO
HEADWALL
IL : 162.400mAO
CL : 164.000mAO

EXISTING 500mm X 500mm
SURFACE WATER DITCH
THROUGH WETLAND AREA
PIPE 1.004

NEW SURFACE
WATER DITCH
500mm X 500mm
IL : 167.000mAO
CL : 167.500mAO

EXISTING SETTLEMENT
LAGOON
IL : 164.500mAO
CL : 166.500mAO

EXISTING SETTLEMENT LAGOON
IL : 165.400mAO
CL : 166.500mAO

IL : 159.600mAO
CL : 161.000mAO

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS
IN METERS ABOVE ORDNANCE DATUM.

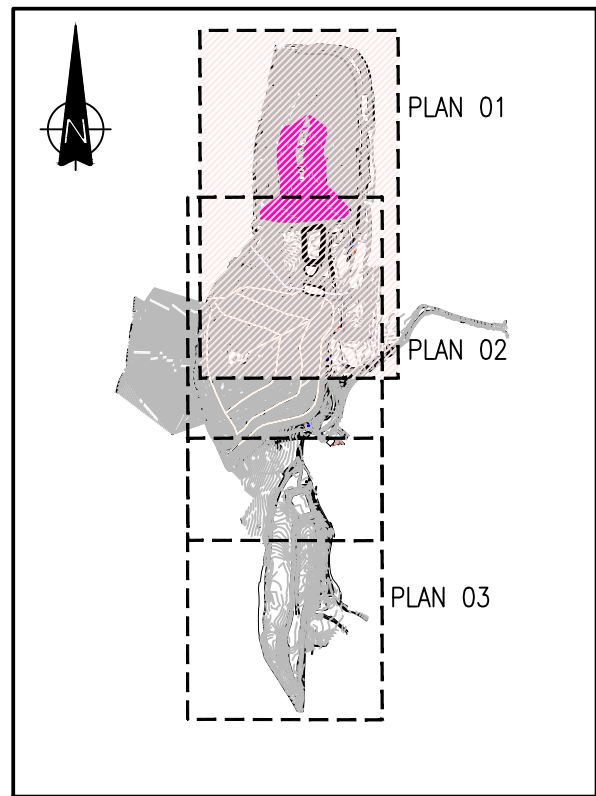
2. DO NOT SCALE FROM THIS DRAWING.

3. ANY ANOMALIES IDENTIFIED WITH THE DETAILS
SHOWN ON THIS DRAWING ARE TO BE BROUGHT TO
THE ATTENTION OF SIRIUS ENVIRONMENTAL LIMITED
PRIOR TO CONSTRUCTION WORKS COMMENCING.

LEGEND:

- 18.5— EXISTING SITE SURVEY
- 19.5— PROPOSED WASTE CONTOURS
- EXISTING CAP DIVERSION BUND
- PROPOSED DITCH 500mm DEEP
- EXISTING SETTLEMENT LAGOON,
IL 163.50, GL 166.00 WITH 225
CULVERT TO LAGOON 2
- EXISTING SETTLEMENT LAGOON,
IL 162.00, GL 163.70 WITH 225
CULVERT
- EXISTING WETLAND TO BE
RETAINED
- EXISTING SETTLEMENT LAGOON
OVERFLOWING INTO LAGOON 7
IL 164.50, GL 166.5
- EXISTING SETTLEMENT LAGOON
OVERFLOWING INTO THE MAIN
LAGOON 4
IL 164.60, GL 166.00
- EXISTING SETTLEMENT LAGOON
WITH NEW OUTLET CULVERT
IL 164.20, GL 166.00
- EXISTING SETTLEMENT LAGOON,
IL 159.65, GL 161.00
- PROPOSED 0.5m CAP DIVERSION
BUND
- NEW CULVERT

H	REVISED TOPO ADDED, PROPOSED WASTE CONTOURS ADDED, MINOR AMENDMENTS	07/10/21	M.C
G	INVERT LEVELS AND PIPE NUMBERS ADDED	23/09/19	M.C
F	PROPOSED LAGOON EXTENSION ADD NEW SURFACE WATER DITCH ADDED ON BUND OF REVISED CELL 5 DESIGN	16/08/19	M.C
E	WESTERN AND SOUTHERN DITCH MOVED DUE TO CELL 5	23/05/19	J.D
REV	DESCRIPTION	DATE	BY



4245 Park Approach, Thorpe Park, Leeds, LS15 8GB, 0113 264 9960

JOB TITLE

PWLLFAWATKIN SWM

DRAWING TITLE

Proposed Haul Road and Tip 871
Drainage Improvements

DRAWN	DATE	APPROVED	DATE
ARK	06/06/2018	ARK	06/06/2018
SCALE	SHEET	DRAWING NUMBER	REVISION
1:1000	1	WR7470 01 01	G