Upstream hydrogeological monitoring well

Upstream hydrogeological monitoring well

Existing Gas vent trench

Site Boundary

Gas monitoring point (Position to be confirmed)

Park Road

Temporary acoustic barrier

Temporary closure of footpath diversion using Park Road

Hillcrest

New Gas vent trench

Cell 1

Existing path removed

Existing site profile to remain

Existing (2011 survey) contours

Cell 2

MH1 Invert 71m aod

Base of cell : 71.80m aod
Pipe invert : 71.26m aod
Sump invert : 70.06 aod

Proposed path

Cell 4

Base of cell : (approx)71.80m aod
Pipe invert : 71.26m aod
Sump invert : (approx) 70.06 aod

Golf Course

PARK ROAD

Park Road

B5425 To Wrexham

4449m2

Cell 3

81.17m aod

Temporary closure of stile for duration of works

Footpath

Temporary closure of stile for duration of works

Downstream hydrogeological monitoring well

Downstream hydrogeological monitoring well

Temporary closure of footpath, diversion using Park Road

Proposed drain alignment is subject to location of existing watermain

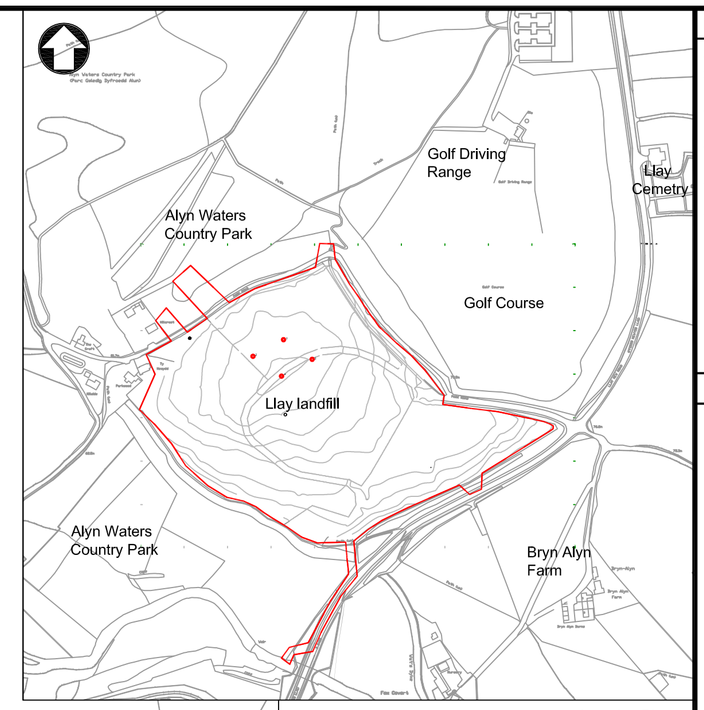
Discharge to River Alyn

Parkwood

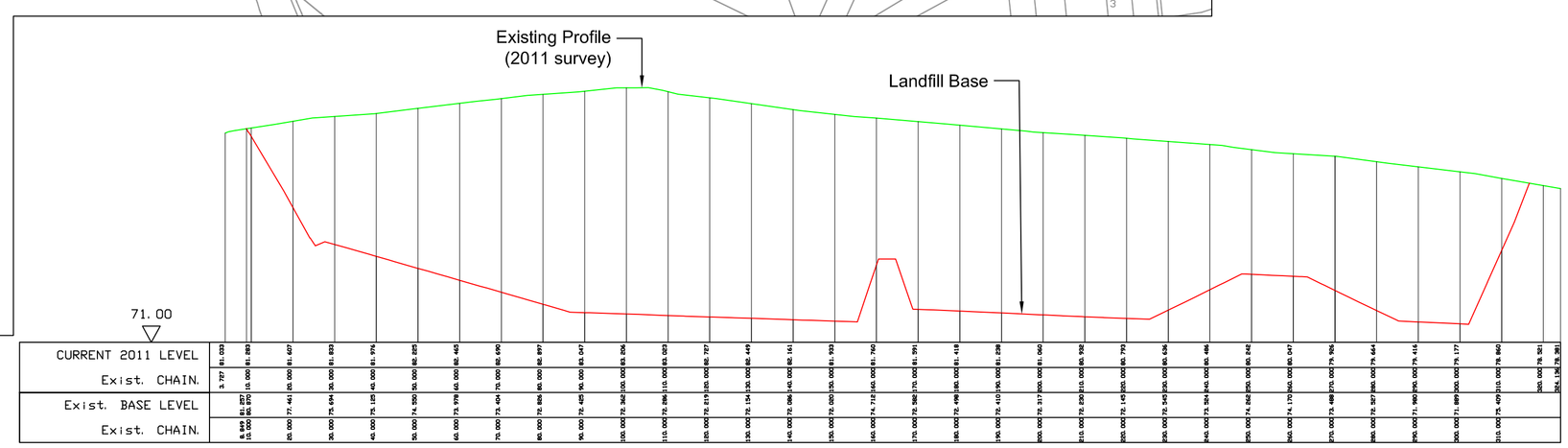
Path (um)

CLIFF

PLAN VIEW
SCALE 1:1000



Location Plan
Scale 1:5000



SECTION E-E BASE AND 2011 LEVELS
Horiz. 1:500 Vert. 1:100

Notes

- This drawing is to be read in conjunction with Mott MacDonald specification and all related drawings
- All dimensions shown are in millimeters. Do not scale from drawing, if in doubt ask
- New gas monitoring borehole within the vicinity of Hillcrest
- In order to obtain hydrogeological data, it is recommended that one additional borehole is installed hydraulically upgradient of the site (to the north west) and one hydraulically downgradient of the site (to the east or south east). The exact location of these boreholes will need to be determined based upon ownership and access constraints.

Key to symbols

Existing Features

- Existing Gas Vent Trench
- Existing Public Right of Way (Llay No.14)
- Existing Stiles (to remain)
- Existing Landfill Cell (estimated from hardcopy plan)
- EX5 Existing Gas vent (to remain)
- G10 Existing Trial pit to be reinstated 77 nr. (locations not shown for clarity)
- BH1 Existing Borehole
- MH1 Existing Manhole
- BT Existing BT
- W Existing Mains Water
- HV Existing High Voltage Cable (O/H)
- LV Existing Low Voltage Cable
- FW Existing Foul Water

Proposed Works

- Proposed Site Boundary
- Proposed Filter drain (Perimeter)
- Proposed Gas Vent Trench
- Proposed Acoustic barrier
- Proposed fence
- Proposed Perimeter Improvements Work Area (Indicative only)
- Proposed Gas Monitoring Wells
- Proposed Leachate Abstraction Wells
- Proposed Hydrogeological Monitoring Well
- Proposed Gas Monitoring Point
- Proposed Footpath
- Proposed Grasscrete

Reference drawings

Rev	Date	Drawn	Description	Ch'k'd	App'd
P4	14/06/12	SR	Removed gas extraction wells	SR	DRG
P3	27/04/12	SR	Existing highway drain added	SR	DRG
P2	03/04/12	NB	Planning issue	CH	DRG
P1	01/12	EW	Preliminary Issue	JM	DD

Mott MacDonald

5 Woodland Road West
Colwyn Bay
Conwy
United Kingdom

T +44 (0)1595 695049
F +44 (0)1595 693404
W www.mottmac.com

Client

wrexham COUNTY BOROUGH COUNCIL CYNGOR BWRDEISTREF SIROL wrecsam

Title

Llay Landfill Site

Extensive Improvements of Existing Capping System

Designed	C Harding	C Harding	Eng check	D Dray	D Dray
Drawn	E Wishart	E Wishart	Coordination	S Roberts	S Roberts
Dwg check			Approved	R Griffiths	R Griffiths

Scale at A1	Status	Rev
As Shown	PRE	P4

Drawing Number
MMD-295303-C-DR-00-XX-0001

© Mott MacDonald Limited

This document is issued for the party which commissioned it and for specific purposes connected with the captioned project only. It should not be relied upon by any other party or used for any other purpose.
We accept no responsibility for the consequences of this document being relied upon by any other party, or being used for any other purpose, or containing any error or omission which is due to an error or omission in data supplied to us by other parties.

P:\Colwyn Bay\295303 Llay Landfill Site TEMP\Drawings\MMD-295303-C-DR-00-XX-0001.dwg Jun 14, 2012 - 3:23PM rob50414