

**APPENDIX 4
DAILY RECORDS**



Daily Site Record Sheet

Date:	13/06/2018	Site:	Pen Y Bont Landfill Site
Weather:	Warm and Sunny	CQA Plan Ref:	N/A

Visitors to Site:	None
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Arrive on site at 8am, inducted by FCC. Obtained a copy of services plan for the site.

Drilling started at 9am. Mark out locations of boreholes for today's drilling (9 Holes marked in total). Area checked with services plan and then CAT scanned to ensure no live and loaded cables were present. Once happy area was marked with red X for drillers.

Areas around leachate tanks and oil store were not possible to drill nearer due to presence of 3 high voltage cables, 1 low voltage cable and a water main.

Drillers on boreholes going down to a depth of 6m were ground conditions allow.

BH5 contained a water strike at approximately 2.8-3m and water at 4-5m

BH6 refused at 1m and no samples could be recovered by drillers.

BH1 - 4 and 8 were able to achieve 6m in depth whereas BH5 and 7 could only reach 5m before refusing.

Material recovered from the boreholes were generally the same throughout all hole, 200mm concrete then 250/300mm subbase, followed by a depth of between 1 and 3m of colliery shale and then in clay material.

BH5 contained an organic horizon with fibrous material and had a slightly oily odour to material at 2.85m and 4m.

Drilled BH8 approximately 4m north east of BH5 to see whether the same smell/organic horizon and water was found (nothing was found in this hole). Tomorrow will drill a BH 4m South West of BH5 to examine same thing.

List of Plant	Hours of Operation	Comments
Window Sampling Rig	08:00 - 17:00	

Prepared by:	Jack Davies	Signed:	J.Davies
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Daily Site Record Sheet

Date:	14/06/2018	Site:	Pen Y Bont Landfill Site
Weather:	Overcast Sunny with some rain	CQA Plan Ref:	N/A

Visitors to Site:	None
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Arrive on site at 7:45am. Drilling commenced at 7:45 with BH9

BH9, 10, 11, and 12 all drilled to a depth of between 5 and 6m.

BH13, drilled through the concrete and then the window sampling rig refused so hole abandoned, no location to try again due to services.

Material that was brought up by the rig was same as first day a mixture of clay and colliery shale apart from BH12 which was entirely made ground.

Trial pits commenced at 8:30am, total of 13 trial pits dug throughout the day.

Trial pits 1 - 8 were a mixture of material, brown clay, colliery material and a dark grey clay.

TP3 had a slightly tar smell to the material

TP 9 - 12 were mainly just colliery shale

Samples were taken from the top and bottom of excavated material on TP 1 - 8 and as material was homogenous on TP 9 - 13 only one sample per hole was taken

Samples labelled and organized and taken to south wales office

Positions of trial pits and boreholes picked up so can produce drawing

List of Plant	Hours of Operation	Comments
Window Sampling Rig	08:00 - 17:00	
JCB 3CX	08:00 - 16:00	

Prepared by:	Jack Davies	Signed:	J.Davies
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