

PARRY'S QUARRY LANDFILL
ENVIRONMENTAL PERMIT APPLICATION
CONTENTS PAGE

Mold Investments Limited
August 2019

SLR Ref No: 416.07238.00001

Section 1

Natural Resources Wales Application Forms

- Part A
- Part B2, B3 and B4
- Part F1
 - Appendix A WAMITAB Certificates and Certificates of Continuing Competence
 - Appendix B Expenditure Plan
 - Appendix C Planning Application

Section 2

OPRA Installation Spreadsheet

OPRA Waste Operation Spreadsheet

Section 3

Non-Technical Summary

Section 4

Drawings

- Drawing ESID1 Site Location
- Drawing ESID2 Installation Site Layout
- Drawing ESID3 Environmental Site Setting
- Drawing ESID4 Cultural and Natural Heritage
- Drawing ESID5 Phasing Plan and Cell Layout
- Drawing ESID6 Cross Sections, Pre-Settlement and Post Settlement Contours
- Drawing ESID7 Restoration
- Drawing ESID8 Engineering Details
- Drawing ESID9 Environmental Monitoring
- Drawing ESID10 Superficial Deposits Geology
- Drawing ESID11 Bedrock Geology
- Drawing ESID12 Local Hydrology
- Drawing ESID13 Indicative Gas Management Plan
- Drawing ESID 14 Leachate Management Plan

PARRY'S QUARRY LANDFILL
ENVIRONMENTAL PERMIT APPLICATION
CONTENTS PAGE

Mold Investments Limited
August 2019

SLR Ref No: 416.07238.00001

Section 5

Environmental Setting and Installation Design (ESID) Report

- Appendix ESID1 Leachate Generation Model
- Appendix ESID2 Leachate Quality Model
- Appendix ESID3 Total Bulk Landfill Gas

Section 6

Environmental Risk Assessment

Section 7

Stability Risk Assessment

- Appendix SRA1 Side Slope Geological Barrier Analysis
- Appendix SRA2 Waste Mass Analysis
- Appendix SRA3 Capping Analysis

Section 8

Hydrogeological Risk Assessment

- Appendix A RAM Model
- Appendix B Groundwater quality assessment and compliance limit calculations

Section 9

Landfill Gas Risk Assessment

- Appendix A Landfill Phasing and Waste Inputs
- Appendix B GasSim Gas Generation Graphs
- Appendix C Tier 1 Screening Output
- Appendix D Global Impact Output
- Appendix E GasSim Model Files

Section 10

Odour Risk Assessment

- Appendix 01 Parry's Quarry Landfill Site, Cell Layout
- Appendix 02 Hawarden Meteorological Station Wind Roses
- Appendix 03 Modelled Odour Impact Contour Plots

Odour Management Plan

- Appendix A Odour Assessment Form
- Appendix B Odour Complaints Reporting Form

PARRY'S QUARRY LANDFILL
ENVIRONMENTAL PERMIT APPLICATION
CONTENTS PAGE

Mold Investments Limited
August 2019

SLR Ref No: 416.07238.00001

- Appendix C Odour Survey Methodology

Section 11

Leachate Management Plan

- Appendix 01 Leachate Generation Models
- Appendix 02 Leachate Quality Model
- Appendix 03 Priority & 'Other' Substances List

Section 12

Operating Techniques and Management Plan

- Appendix 01 Fire Prevention Plan
 - Appendix 01-1 Waste List
 - Appendix 01-2 Emergency Contact Sheet
- Appendix 02 Waste Acceptance Procedure
 - Appendix 02-1 Landfill and Waste Transfer Station Waste List
- Appendix 03 Site Condition Report

Section 13

Noise Assessment Report