

TABLE OF CONTENTS

PAGE

1	ATTACHMENT A – NON TECHNICAL SUMMARY.....	1
1.1	(A) GENERAL DETAILS	1
1.1.1	<i>Applicant</i>	7
1.1.2	<i>Address for Correspondence</i>	7
1.2	(B) PLANNING AUTHORITY	1
1.3	(C) SANITARY AUTHORITY	1
1.4	(D) LOCATION	1
1.5	(E) NATURE OF THE DEVELOPMENT	1
1.6	(F) CLASS OF ACTIVITY	2
1.7	(G) QUANTITY AND NATURE OF WASTE	2
1.8	(H) RAW MATERIALS	3
1.9	(I) PLANT, PROCESSES AND OPERATING PROCEDURES	3
1.9.1	<i>Plant</i>	3
1.9.2	<i>Processes/Operations</i>	4
1.9.3	<i>Site Clearance Works</i>	4
1.9.4	<i>Waste Placement</i>	5
1.9.5	<i>Waste Acceptance & Handling</i>	5
1.9.6	<i>Waste Placement Phasing Schedule</i>	5
1.9.7	<i>Construction Phase – Entrance & Local Road Improvements during Site Clearance and Placement phases</i>	5
1.9.8	<i>Eco Park Development</i>	5
1.9.9	<i>Eco Park – Post Construction Phase</i>	6
1.9.10	<i>Abatement Systems</i>	6
1.10	(J) REGARDING PARAGRAPHS (A) TO (G) OF SECTION 40 (4) OF THE WASTE MANAGEMENT ACT	8
1.11	(K) EMISSIONS FROM THE SITE	9
1.11.1	<i>Air</i>	9
1.11.2	<i>Surface Water</i>	9
1.11.3	<i>Noise</i>	9
1.11.4	<i>Sewer</i>	10
1.11.5	<i>Ground/Groundwater</i>	10
1.12	(L) EFFECTS OF EMISSIONS	10
1.13	(M) MONITORING POINTS	10
1.14	(N) ARRANGEMENTS FOR PREVENTION, MINIMISATION AND RECOVERY OF WASTE ARISING FROM THE ACTIVITY	11
1.15	(O) ARRANGEMENTS FOR OFF-SITE TREATMENT OR DISPOSAL OF WASTES	11
1.16	(P) MEASURES INCLUDING EMERGENCY PROCEDURES FOR UNAUTHORISED OR UNEXPECTED EMISSIONS	11
1.17	(Q) DECOMMISSIONING, AFTERCARE AND RESTORATION	12
1.18	(R) RELATED TO LANDFILLING OF WASTE	12
1.19	(S) EUROPEAN COMMUNITIES (CONTROL OF MAJOR ACCIDENT HAZARDS INVOLVING DANGEROUS SUBSTANCES) REGULATION 2000	12
1.20	(T) COUNCIL DIRECTIVE OF 17 DECEMBER 1979 ON THE PROTECTION OF GROUNDWATER AGAINST POLLUTION CAUSED BY CERTAIN DANGEROUS SUBSTANCES	12
1.21	(T BIS) DESCRIBE IN OUTLINE THE MAIN ALTERNATIVES, IF ANY, TO THE PROPOSALS CONTAINED IN THE APPLICATION WHICH WERE STUDIED BY THE APPLICANT,	13
1.21.1	<i>Alternative Locations</i>	13
1.21.2	<i>Alternative Development Options</i>	13
1.22	(U) INCLUDE A NON-TECHNICAL SUMMARY OF INFORMATION PROVIDED IN RELATION TO THE MATTERS SPECIFIED IN PARAGRAPHS (A) TO (T) OF THIS SUB-ARTICLE,	14
1.23	(V) DESCRIBE HOW THE WASTE HIERARCHY IN SECTION 21A OF THE ACT IS APPLIED	14

TABLE OF CONTENTS - Cont'd...

Page

2	ATTACHMENT B	16
2.1	ATTACHMENT B.1 APPLICANTS DETAILS	16
2.3	ATTACHMENT B.2 LOCATION OF ACTIVITY	18
2.4	ATTACHMENT B.3 PLANNING	22
2.4.1	<i>B.6 (b) Environmental Impact Statements</i>	22
2.4.2	<i>B.6(c) Planning Under Consideration</i>	22
2.4.3	<i>B.6(d) Planning Granted</i>	22
2.4.4	<i>B.6(f) Other Consents Granted</i>	22
2.4.5	<i>Appropriate Assessment</i>	22
2.5	ATTACHMENT B.6 NOTICES AND ADVERTISEMENTS	55
2.7	ATTACHMENT B.7 TYPE OF WASTE ACTIVITY	59
3	ATTACHMENT C – MANAGEMENT OF THE INSTALLATION	60
3.1	ATTACHMENT C.1 TECHNICAL COMPETENCE & SITE MANAGEMENT	60
3.2	ATTACHMENT C.2 ENVIRONMENTAL MANAGEMENT SYSTEM	60
3.3	ATTACHMENT C.3 HOURS OF OPERATION	60
4	ATTACHMENT D - INFRASTRUCTURE & OPERATION	61
4.1	ATTACHMENT D.1 INFRASTRUCTURE	61
4.1.1	<i>D.1.a Site Security</i>	61
4.1.2	<i>D.1.b Design for Site Roads</i>	61
4.1.3	<i>D.1.c Hardstanding Areas</i>	62
4.1.4	<i>D.1.d Plant</i>	62
4.1.5	<i>D.1.e Dry Wheel Clean</i>	62
4.1.6	<i>D.1.f Laboratory Facilities</i>	63
4.1.7	<i>D.1.g Fuel Storage</i>	63
4.1.8	<i>D.1.h Waste Quarantine Areas</i>	63
4.1.9	<i>D.1.i. Waste Inspection areas</i>	63
4.1.10	<i>D.1.j Traffic Control</i>	63
4.1.11	<i>D.1.k Sewerage and Surface Water Drainage</i>	66
4.1.12	<i>D.1.l All Other Services</i>	67
4.1.13	<i>D.1.m Plant Sheds and Garages</i>	67
4.1.14	<i>D.1.n Site Accommodation</i>	67
4.1.15	<i>D.1.o Fire Control</i>	67
4.1.16	<i>D.1.p Civic Amenity Facilities</i>	67
4.1.17	<i>D.1.q Any Other Recovery Infrastructure</i>	68
4.1.18	<i>D.1.r Composting Infrastructure</i>	68
4.1.19	<i>D.1.s C&D Infrastructure</i>	68
4.1.20	<i>D.1.t Incineration Infrastructure</i>	68
4.1.21	<i>D.1.u Any Other Infrastructure</i>	68
4.2	ATTACHMENT D.2 FACILITY OPERATION	72
4.2.1	<i>D.2.1 Site Clearance Works</i>	72
4.2.2	<i>D.2.2 Waste Placement Activities</i>	75
4.2.3	<i>D.2.3 Eco Park Development</i>	80
4.2.4	<i>D.2.4 Eco Park – Post Construction Phase</i>	81
4.2.5	<i>D.2.5 Alternatives Considered</i>	82
5	ATTACHMENT E – EMISSIONS	83
5.1	ATTACHMENT E.1 EMISSIONS TO ATMOSPHERE	83
5.1.1	<i>Potential Point Emissions</i>	83
5.1.2	<i>Potential Fugitive Dust Emissions</i>	83

TABLE OF CONTENTS - Cont'd...

Page

5.2	ATTACHMENT E.2 EMISSIONS TO SURFACE WATERS	83
5.3	ATTACHMENT E.3 EMISSIONS TO SEWER	84
5.4	ATTACHMENT E.4 EMISSIONS TO GROUNDWATER	84
5.5	ATTACHMENT E.5 NOISE EMISSIONS	84
5.6	ATTACHMENT E.6 ENVIRONMENTAL NUISANCES	84
5.6.1	<i>Bird and Fly Nuisance</i>	84
5.6.2	<i>Fire</i>	84
5.6.3	<i>Litter</i>	85
5.6.4	<i>Vermin</i>	85
5.6.5	<i>Soiling of Road</i>	85
5.6.6	<i>Traffic</i>	85
5.6.7	<i>Dust</i>	85
6	ATTACHMENT F – CONTROL & MONITORING	86
6.1	ATTACHMENT F.1 EMISSIONS AND ABATEMENT	86
6.1.1	<i>To Atmosphere</i>	86
6.1.2	<i>To Surface Water</i>	87
6.2	ATTACHMENT F.2 – F.9 MONITORING & SAMPLING POINTS	87
7	ATTACHMENT G – RESOURCE USE AND ENERGY EFFICIENCY	89
7.1	ATTACHMENT G.1 RAW MATERIALS AND PRODUCT	89
8	ATTACHMENT H – MATERIALS HANDLING	90
8.1	ATTACHMENT H.1 WASTE TYPES AND QUANTITIES – EXISTING AND PROPOSED	90
8.2	ATTACHMENT H.2 WASTE ACCEPTANCE PROCEDURES	90
8.3	ATTACHMENT H.3 WASTE HANDLING	90
8.4	ATTACHMENT H.4 WASTE ARISING'S	91
8.5	ATTACHMENT H.5 WASTE RECOVERY AND RECYCLING	91
9	ATTACHMENT I – EXISTING ENVIRONMENT, IMPACT OF THE ACTIVITY & MITIGATION MEASURES	92
9.1	ATTACHMENT I.1 – ATMOSPHERIC EMISSIONS	92
9.1.1	<i>Existing Environment and Assessment of Impact</i>	92
9.1.2	<i>Statement</i>	92
9.2	ATTACHMENT I.2 – SURFACE WATER	92
9.2.1	<i>Existing Environment and Assessment of Impact</i>	92
9.2.2	<i>Statement</i>	92
9.3	ATTACHMENT I.3 – SEWER WATER	92
9.4	ATTACHMENT I.4 – GROUND/GROUNDWATER EMISSIONS	92
9.4.1	<i>Existing Environment and Assessment of Impact</i>	92
9.5	ATTACHMENT I.5 – GROUND AND OR GROUNDWATER CONTAMINATION	93
9.6	ATTACHMENT I.6 – NOISE	93
9.6.1	<i>Existing Environment and Assessment of Impact</i>	93
9.7	ATTACHMENT I.7 – ECOLOGY	93
9.7.1	<i>Existing Environment and Assessment of Impact</i>	93
10	ATTACHMENT J – ACCIDENT PREVENTION & EMERGENCY RESPONSE	95
10.1	ATTACHMENT J.1 – ACCIDENT PREVENTION AND EMERGENCY RESPONSE	95

TABLE OF CONTENTS - Cont'd...

Page

11	ATTACHMENT K – REMEDIATION, DECOMMISSIONING, RESTORATION AND AFTERCARE	108
11.1	CESSATION AND DECOMMISSIONING OF ACTIVITY	108
11.1.1	<i>Aftercare Management Plan</i>	108
11.1.2	<i>Remediation of the site</i>	108
12	ATTACHMENT L – STATUTORY REQUIREMENTS	109
12.1	ATTACHMENT L.1 – STATUTORY REQUIREMENTS.....	109
12.2	ATTACHMENT L.2 FIT AND PROPER PERSON.....	113
12.3	ATTACHMENT L.3 WASTE HIERARCHY.....	113
12.4	ATTACHMENT L.4 PRINCIPLES OF SELF-SUFFICIENCY AND PROXIMITY.....	114

APPENDICES

- Appendix 1: EIS for a Proposed Waste Soils Recovery Facility and Eco Park at Pretty Bush, Kilcoole, Co. Wicklow
Volume 1 of 3 Non-Technical Summary
- Appendix 2: EIS for a Proposed Waste Soils Recovery Facility and Eco Park at Pretty Bush, Kilcoole, Co. Wicklow Volume 2 of 3 Main Report
- Appendix 3: EIS for a Proposed Waste Soils Recovery Facility and Eco Park at Pretty Bush, Kilcoole, Co. Wicklow Volume 3 of 3 EIS Appendices

For inspection purposes only.
Consent of copyright owner required for any other use.

LIST OF FIGURES

Page

FIGURE B.2. 1: SITE LAYOUT	20
FIGURE D.1 1: TYPICAL HAUL ROUTE DETAIL	62
FIGURE D.1 2: DRY WHEEL CLEAN SYSTEM	62
FIGURE D.1 3: PRETTY BUSH ECO PARK PROPOSED LAYOUT	70
Figure D.2 1: Site Clearance Phasing Plan	74
FIGURE D.2 2: MATERIAL PLACEMENT PHASING PLAN	79
Figure F 1: Proposed Monitoring Locations	88
Figure 1.6 2: Buildings and Phase Material Areas	94

LIST OF TABLES

TABLE A.1 1: QUANTITIES OF MATERIAL TO BE MANAGED ONSITE	3
TABLE A.1 2: MONITORING DETAILS	11
Table F. 1: Monitoring Details 87	
Table H.1. 1: Quantities of material to be managed onsite	90
Table H.4. 1: Waste Arisings	91

LIST OF PHOTOGRAPHS

PHOTO D.2 1: TYPICAL SHREDDING UNIT (WWW.DOPPSTADT.COM)	75
---	----

LIST OF DRAWINGS

DRAWING: SITE OWNERSHIP PLAN	17
DRAWING: SITE LOCATION MAP	19
DRAWING: SITE SERVICES	21
DRAWING: SITE INFRASTRUCTURE	69
DRAWING: SITE DRAINAGE	71

For inspection purposes only.
Consent of copyright owner required for any other use.