



NOTES
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REVISION HISTORY

Rev	Date	Int	Description
-	10.11.23	CP	Initial draft
A	17.11.23	CP	Application copy

- Key:**
- Proposed permit boundary
 - Waste storage areas
 - Non-waste storage areas
 - Hazardous waste storage areas
 - Non-waste fuels, oils and other liquids storage
 - Temporary waste storage areas (clear prior to shutdown)
 - Waste recycling / storage buildings (impermeable concrete floor)
 - Other buildings i.e. workshops/offices
 - Impermeable concrete surfaces
 - Covered canopy (impermeable concrete beneath)
 - Tarmac/hardstanding areas - used for car parking only
 - Grass / landscaped area
 - Dust / mist & odour suppression concrete (indicative)
 - Dust extraction hoods (no discharge to air, filtered / emptied)
 - Surface water drainage fall direction
 - Foul drainage
 - Surface and mains water drainage
 - Surface gully
 - Clean and foul manholes (yellow denotes penstocks)
 - Quarantine areas
 - Hoist reels (indicative location)
 - Fire fighting equipment / extinguishers (indicative locations)
 - Plant/Electrical shut-off points (indicative location)
 - Manual fire alarms (breath gas / horns) - indicative location
 - Spill kits (indicative location)
 - Access route for emergency services
 - Fire hydrants
 - Fire assembly points
 - Out-of-hours plant storage
 - Pan, tilt and zoom cameras with 360° 50m coverage
 - Infra-red pan, tilt and zoom cameras with 360° 50m coverage
 - 0.15m wide concrete fire walls (height varies throughout)
 - 0.3m wide concrete fire walls (height varies throughout)
 - 0.8m wide concrete fire walls (height varies throughout)

Waste Storage Area Details - Longford 1 - PILE SIZES BASED ON AREA OF STOCKPILE ON SITE PLAN NOT LENGTH X WIDTH

Plan Ref	Description	Storage type	Containment	Height / width of freestall (m)	Max width (m)	Max length (m)	Height (m)	Max area (m ²)	Conversion factor used	Volume (m ³)	Tonnage (approx)	Maximum storage duration
AREA 1	Waste reception (tipping, inspection and sorting area (clear out-of-hours))	Free-standing / unprocessed	N/A	N/A	15	10	2	150	0.333	100	50	<2 hours
AREA 1 (I)	Short term quarantined waste	Hand sorted arising from tipping area (AREA 1)	Free-standing against concrete interlocking block fire wall with 0.3m wide concrete wall behind	1.0/0.8/5/0.3	6	3	0.5	18	0.5	5	2	<48 hours
AREA 2 (II)	Pre-sorted metals	As above	Open topped, movable 8 cubic yard skip	N/A	1.68	3.66	1.22	6.1488	1	8	8	<48 hours
AREA 3	Non-recyclable waste - sorted but will contain mixture of different wastes	As above	Free-standing against	5/0.3	10	5	0.5	50	0.5	13	6	<48 hours
AREA 4	Mixed H&C waste - primary shredder (AREA 5)	Partly hand sorted arising from shredder (AREA 5)	Free-standing against concrete interlocking block fire wall	4/0.8	12	9	3	108	0.75	243	182	<48 hours
AREA 5	Mixed waste (prior to processing - also acts as holding bay feeding the plant)	Partly hand sorted arising from shredder (AREA 5)	Free-standing against concrete interlocking block fire wall	4/0.8	12	9	3	108	0.75	243	182	<48 hours
AREA 6	Plastics	Sorted (mechanical recycling line)	Free-standing and partly contained inside a three-sided concrete panel wall	3.0/0.18	5	5	2	25	0.75	38	19	<48 hours
AREA 7	Heavies	Sorted (mechanical recycling line)	As above	3.0/0.18	5	5	2	25	0.75	38	19	<48 hours
AREA 8	Ferrous metal	Sorted (mechanical recycling line) and by overband magnet	Open topped, movable 20 cubic yard roll on roll skip	N/A	6.1	2.44	1.4	14.884	1	21	21	<48 hours
AREA 9	<10mm screened fines	Sorted (mechanical recycling line)	Free-standing and partly contained inside a three-sided concrete panel wall	3.0/0.18	10	5.5	2	55	0.75	83	83	<48 hours
AREA 10	10mm - 40mm heavies	As above	As above	3.0/0.18	10	5.5	2	55	0.75	58	58	<48 hours
AREA 11	10mm - 40mm heavies	As above	As above	3.0/0.18	10	4.5	2	45	0.75	48	48	<48 hours
AREA 12	>150mm heavies	As above	As above	3.0/0.18	5	5	2	25	0.75	38	38	<48 hours
AREA 13	40mm - 150mm heavies	As above	As above	3.0/0.18	5	5	2	25	0.75	38	38	<48 hours
AREA 14	40mm - 300mm heavies (SRF)	Articulated walk on floor trailer	As above	N/A	16.5	2.5	41.25	1	103	34	48	<48 hours
AREA 15	Metals	Sorted by overband magnet	Free-standing and partly contained inside a three-sided concrete panel wall	3.0/0.18	7	5.5	2	38.5	0.75	58	58	<48 hours
AREA 16	Plastics	Sorted (mechanical recycling line)	As above	3.0/0.18	3.7	4.5	2	16.65	0.75	25	12	<48 hours
AREA 17	PVC	Sorted (mechanical recycling line)	As above	3.0/0.18	3.7	4.5	2	16.65	0.75	25	12	<48 hours
AREA 18 & 19	Manual waste	Sorted (mechanical recycling line) and hand sorted by picking line	As above	3.0/0.18	3.7	4.5	2	16.65	0.75	25	12	<48 hours
AREA 20	<40mm SRF	Sorted (mechanical recycling line)	Free-standing against concrete interlocking block fire wall	4/0.8	10	12	3	120	0.75	270	90	<48 hours
AREA 21	Overflow bay (see AREAS 14, 20 & 22)	Sorted (mechanical recycling line)	Free-standing against concrete interlocking block fire wall	4/0.8	10	12	3	120	0.75	270	90	<48 hours
AREA 22	Waste containing POPs or waste (shown in AREAS 14 and 21)	Sorted (mechanical recycling line)	Free-standing inside sealed storage bunker	3/0.5	30	2.5	3	75	1	225	75	<48 hours

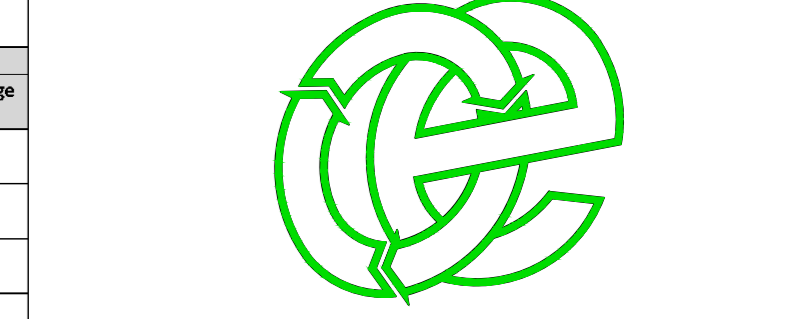
Waste Storage Area Details - Longford 1 - PILE SIZES BASED ON AREA OF STOCKPILE ON SITE PLAN NOT LENGTH X WIDTH

Plan Ref	Description	Storage type	Containment	Height / width of freestall (m)	Max width (m)	Max length (m)	Height (m)	Max area (m ²)	Conversion factor used	Volume (m ³)	Tonnage (approx)	Maximum storage duration
AREA 1A	Mixed C&D reception and sorting (clear out-of-hours)	Free-standing / unprocessed	N/A	N/A	7	2	2	49	0.333	13	24	<2 hours
AREA 2A	Bulky wastes	Hand sorted arising from tipping area (AREA 1A)	Free-standing against 0.3m wide concrete wall	4/0.3	8.5	6.5	1	55.25	0.5	83	83	<48 hours
AREA 3A	Mixed C&D (not pile 80% inert)	Free-standing / hand sorted	Free-standing against 0.3m wide concrete wall	4/0.3	10	7	2	70	0.5	70	53	<2 hours
AREA 4A	<40mm C&D fines (non-combustible)	Free-standing / processed by trommel	N/A	N/A	7	7	2	49	0.333	13	33	<2 hours
AREA 5A	Various containers of sorted waste (pallet based on largest container)	Containers / hand sorted	Open topped, movable 40 cubic yard skip	N/A	2.5	6.11	2.62	15.235	1	40	40	<48 hours
AREA 6A	Waste storage bays beneath shredder (contents in each bay will vary)	Sorted (mechanical recycling line)	As above	3.0/0.18	3.2	5.5	2	17.6	0.75	26	20	<48 hours
AREA 7A	Hardcore	Sorted (mechanical recycling line)	As above	3.0/0.18	3.2	5.5	2	17.6	0.75	26	20	<48 hours
AREA 8A	Storage area for wood, soils or hazardous gas processing	Pre-sorted / mechanically sorted from other areas of the site	Free-standing against 0.3m wide concrete wall	4/0.3	11	11	1	121	0.5	182	182	<48 hours
AREA 9A	Short term quarantined waste	Hand sorted arising from tipping area (AREA 1A)	Free-standing against concrete interlocking block fire wall	3/0.8 & 0.3	5	5	2	25	0.5	25	13	<48 hours
AREA 10A	Short term quarantined waste	Hand sorted arising from tipping area (AREA 1A)	Free-standing against concrete interlocking block fire wall	0.8/3	5	5	2	25	0.5	25	25	<48 hours

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AREA 18 - 7B	Waste storage bays for bulking and transfer - also acting as overflow from bays from other waste stored at the site (contents in each bay will vary)	Mixture of processed and unprocessed	Free-standing against concrete interlocking block fire wall	0.8/4	6.6	6.6	3	43.56	1	131	131	<48 hours
AREA 8B	Loose paper & card	Partly hand sorted arising from tipping area (AREA 1A)	Free-standing against 0.3m wide concrete wall	5/0.3	10	6	3	60	0.75	135	45	<48 hours
AREA 9B	Baled paper & card	Baled in stacks (max 3 in length) in 3 high	Free-standing stack against 0.3m wide concrete wall	5/0.3	4	8	3	82	1	96	96	<48 hours
AREA 10B & 11B	Baled paper & card	Baled in stacks (max 3 in length) in 3 high	Free-standing stack against 0.3m wide concrete wall	4/0.3	5	7	3	35	1	105	105	<48 hours

Oaktree Environmental Ltd
 Waste, Planning and Environmental Consultants



DRAWING TITLE
 SITE LAYOUT & FIRE PLAN

CLIENT
 Tom White Waste Ltd

PROJECT/SITE
 Stonebrook Way, Longford, Coventry CV6 6LN

SCALE 3:40
CLIENT NO 3206
JOB NO 007

DRAWING NUMBER STONE/3206/03
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