

Plan Ref	Description	Storage type	Containment / type	Height of firewall (m)	Max Width (m)	Max Length (m)	Max storage height (m)	Approx. Area (m <sup>2</sup> )	Conversion factor used	Approx. volume (m <sup>3</sup> )	Max storage time
AREA 1	Depolluted ELV storage area (blocks of two)	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 42 ELVs = 350	1	42 x 13.25 = 560	<24 weeks
AREA 2	Depolluted ELV storage area (one block)	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 18 ELVs = 150	1	18 x 13.25 = 240	<24 weeks
AREA 3	Depolluted ELV storage area (blocks of two)	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 36 ELVs = 300	1	36 x 13.25 = 480	<24 weeks
AREA 4	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 42 ELVs = 350	1	42 x 13.25 = 560	<24 weeks
AREA 5	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 42 ELVs = 350	1	42 x 13.25 = 560	<24 weeks
AREA 6	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 42 ELVs = 350	1	42 x 13.25 = 560	<24 weeks
AREA 7	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 36 ELVs = 300	1	36 x 13.25 = 480	<24 weeks
AREA 8	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 30 ELVs = 250	1	15 x 13.25 = 400	<24 weeks
AREA 9	As above	Stored 3 ELVs high on racking	N/A due to racking	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 24 ELVs = 200	1	1 ELV = 13.25 x 24 = 320	<24 weeks
AREA 10	Lead acid batteries and catalytic converters	Unprocessed / sorted	Acid resistant base battery container	N/A	1.1	0.91	0.61	0.67 (per container)	1	0.67 (per container)	<4 weeks
AREA 11	Unpolluted ELVs	Unprocessed with battery disconnected	Freestanding pile / none	N/A	1.85 (per ELV)	4.8 (per ELV)	1.5 (per ELV)	8,325 x 6 ELVs = 50	1	50	<12 hours

- KEY**
- 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 with sealed drainage
  - Contaminated surface water drainage
  - Clean surface water drainage
  - Surface water drainage fall direction
  - Gully's
  - Manholes
  - Quarantine area (with 6m buffer zone) based on AREA 10
  - Hose reels (indicative location)
  - Fire fighting equipment / extinguishers (indicative locations)
  - Plant/shaft (indicative locations)
  - Manual fire alarms (break glass / horns) - indicative location
  - Spill kits (indicative locations)
  - Designated smoking area
  - Access route for emergency services
  - Fire hydrants
  - Fire assembly points
  - Out-of-hours plant storage
  - Pan, tilt and zone cameras with 360° 50m coverage



**Oaktree Environmental Ltd**  
Waste, Planning and Environmental Consultants

**DRAWING TITLE**  
SITE LAYOUT & FIRE PLAN (PART 1 OF 2)

**CLIENT**  
Oaktree Environmental Ltd

**PROJECT/SITE**  
The Breakers Yard, Barracks Road, Assington CO10 5LP

**SCALE @ A0** 1:200     **CLIENT NO** 3041     **JOB NO** 001

**DRAWING NUMBER** BAR/3041/03A     **REV** A     **STATUS** Issued

**DRAWN BY** CP     **CHECKED** --     **DATE** 20.04.23

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**REVISION HISTORY**

Rev	Date	Int	Description
-	07.04.22	CP	Initial drawing
A	20.04.23	CP	Updated site layout