

An aerial photograph of a dense forest with a road curving through it. The text 'Tuning Fork' is overlaid in the center.

Tuning Fork[®]

 PART OF **NOUV**

DDE Attard Ltd

IP 0001/13/V2

Variation to DDE Attard Ltd IPPC Permit

Location



Background

- **Used as a scrapyards for 60+ years**
- **1952 permit: Naval storage yard**
- **1984 Police Licence (E/4/57): to “deal in old metal” and for “marine stores”**
- **Latest planning permit: PA 04172/16 (including reconfiguration of site layout, construction of shed) – approved Nov 2018;**
- **A minor amendment to PA 04172/16 (Proposed extension to approved composter shed roof) – approved July 2022;**
- **IPPC Permit active IP 0001/13**

Proposed Activities in IP 0001/13 (1)

- 1. Treatment of end-of-life vehicles (ELVs)**
- 2. Manual dismantling / shredding of washing machines, cookers & water meters**
- 3. Processing of metals, including shredding and pressing**
- 4. Baling of tyres and bumpers**
- 5. Stripping of cable wires**
- 6. Wood shredding**
- 7. Associated storage**

Proposed Activities in IP 0001/13 (2)

- 8. Temporary storage of containerised waste in sealed containers**
- 9. Maintenance of on-site machinery**
- 10. Fuel storage**
- 11. Stand-by generator**

Proposed Variations as per IP 0001/13/V2

- 1. Update of timeframes**
- 2. Defining EWC Code 16 01 06 (end-of-life vehicles, containing neither liquids nor other hazardous components) and 16 01 04 (end-of-life vehicles)**
- 3. Decommissioning of Composter**

Improvement Programme – Closed Requirements

Reference to Table 1.4.1	Requirement	Actions taken by DDE Attard
1	To provide WSC the required information in order to obtain the sewer discharge permit.	Sewer Discharge Permit has been obtained and subsequently renewed every year before IPPC was granted.
10	Submission of a Best Available Techniques (BAT) comparison for the BAT conclusions stipulated under Commission Implementing Decision (EU) 2018/1147 of 10 August 2018 establishing BAT conclusions for waste treatment, under Directive 2010/75/EU of the European Parliament and of the Council in accordance with conditions 4.4 and 2.4.1.2.	A status at installation for BAT was provided in Volume 2, to which summary of discussions upon such was provided in Volume 3.
11	Submission of certification from an independent warranted engineer that all equipment identified in Table 2.2.1.1 is in good working condition.	All equipment identified in Table 2.2.1.1 was certified by a warranted engineer
12	Commissioning of second shredder and sorter based on Eddy current technology to be utilised for secondary processing of end-of-life vehicles following processing in the first shredder.	This has been installed and commissioned

Improvement Programme – DDE Attard Status

The requirements shown within the next slide are still on-going due to COVID-19 pandemic consequences. In addition, negotiations with the bank to obtain the necessary financing took longer than originally planned, and this has delayed the financing process.

This variation was applied for, in order to update timeframes and allow DDE Attard to not only to obtain loan but also be able to commence ELV processing operations earlier and add another revenue stream which can improve the financial performance of the Company.

The next slide provides an update on the Improvement Programme Requirements still on-going.

Improvement Programme – DDE Attard Status

Reference	Requirement	DDE Attard Progress
2	Submission of a certificate from a third party warranted engineer or architect showing how the fuel storage tanks that will be used for the storage of fuel removed from ELVs are equipped with adequate secondary containment in line with Condition 2.5.3	Requirement will be adhered to once Phase 1 and 2 are complete.
3	Obtainment of all relevant authorisations from the Regulator from Energy and Water Services.	Discussions have started and are currently on-going.
4	Certification by an independent warranted civil engineer or architect that the oil/water interceptor has been constructed in accordance with EN 858, including inspection of the efficiency of operation covering the whole area of the permitted installation.	Requirement will be adhered to once Phase 2 and 4 are complete.
5	Certification by an independent warranted civil engineer or architect that the engineered site containment and drainage systems for the whole site are leak-proof and resistant to physical, mechanical and chemical stresses to which they may be subjected.	40% of hardstanding has been completed and certified. Remaining certification will be issued on Phases Completion.
6	Notification on the completion of works in accordance with PA 4172/16 to ensure compliance with BAT.	
7	Submission of monitoring results for the effluent monitoring carried out in line with Approved Doc IP 0001/13/V2/DOC4	Effluent monitoring plan have been provided. Requirement will be adhered to once area is complete.
8	Implementation and submission of Noise Monitoring Survey as approved by ERA	Noise Monitoring Survey Method Statement has been provided. Requirement will be adhered to within time frames approved by ERA.
9	Certification from a competent company or engineer indicating completion of relevant fire safety procedures and equipment installation according to Approved Document IP 0001/13/A/DOC3 that the emergency firefighting water supplies for use by the Civil Protection Department are in place according to Approved Document IP 0001/13/A/DOC3	Requirement will be adhered to once the construction is complete.

Amend timeframes for construction of infrastructure

The phasing of the civil works are being proposed to be conducted in the following manner:

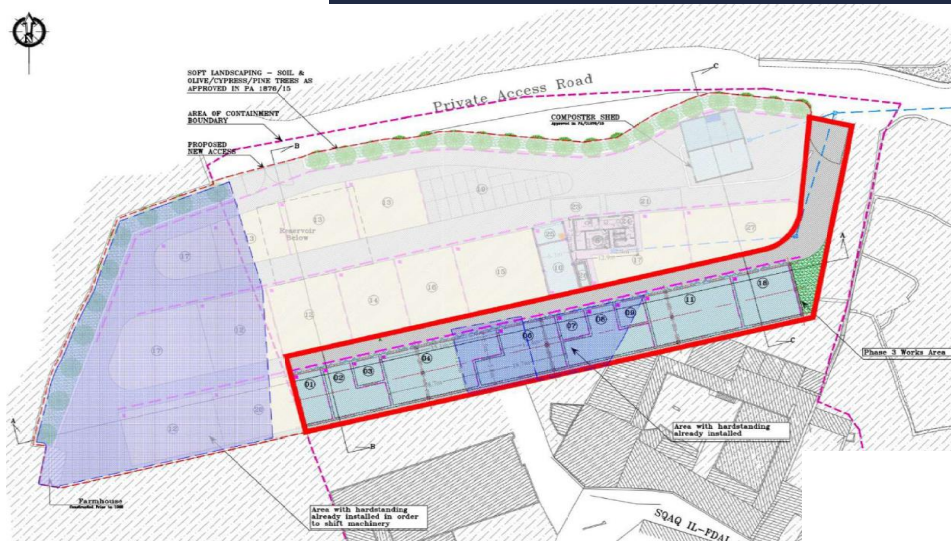
Phase 1 - Composter which is within shed shown in 1st figure will be temporarily removed and stored on site. The stipulated timeframe for this phase is 1 month

Phase 2 - Hardstanding and shed which currently stores the composter will be increased to area indicated in 2nd figure. This will be undertaken in order to be able to temporarily place E.L.V dismantling and depollution processes within this area. A temporary interceptor and reservoir servicing this shed will be installed (as per being indicated in Figure 4). Underground pipework and gutters will be installed to collect spills inside the shed and surface water from the road just in front of the shed; will be diverted to an oil-water interceptor and reservoir (comprising of a 2m³ horizontal water tank constructed of plastic). Stipulated timeframe for this phase is of 2 months.

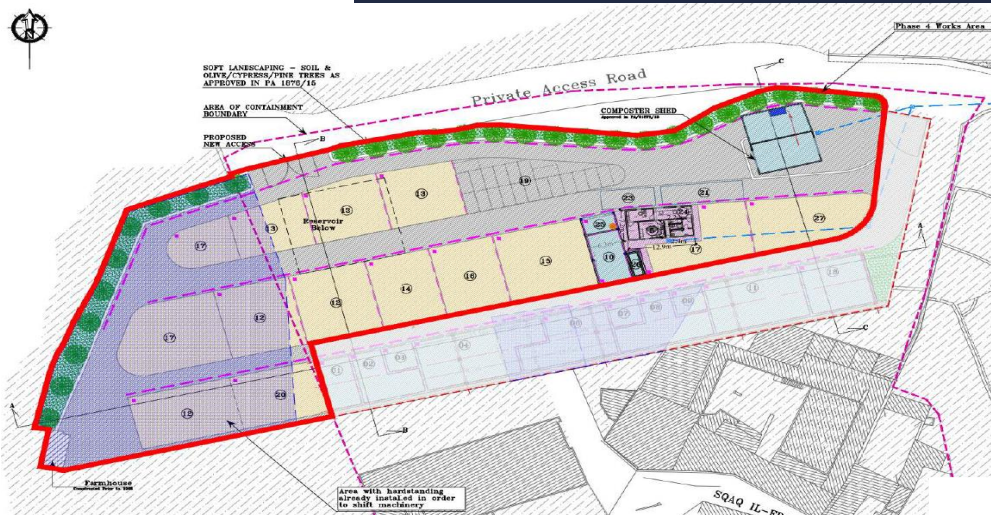


Amend timeframes for construction of infrastructure

Phase 3 - Works for the area being indicated in first figure will be undertaken within a stipulated timeframe of 6 months.



Phase 4 - Works for the area being indicated in 2nd figure will be undertaken within a stipulated timeframe of 10 months. During this phase, works will include the installation of the remaining hardstanding area, the construction of the main reservoir, and the installation of the oil-water interceptors servicing the main reservoir.



Emissions to Land

- **Baseline land survey conducted in 2015.**
- **Planned improvements (works are underway):**
 - **Installation of impermeable concrete with underlying geotextile**
 - **Silt trap & oil-water interceptors for external areas, leading to 739 m³ underground rainwater reservoir and temporary reservoir**
 - **Shed for activities involving hazardous materials / waste**

Noise

- **Preliminary noise study undertaken in 2014 (prior to new machinery on site)**
- **No discernible impact on nearest receptor**
- **New equipment (shredders, composter, ELV depollution equipment) unlikely to have a significant impact due to: location inside shed, existing noise levels, distance to receptors, and noise output of other activities in the area**
- **Another noise study will be carried in accordance to permit requirements**

Environmental Risk Assessment – with Mitigation

Source	Environmental consequence	Likelihood of consequence	Resultant risk level
Spill from diesel tank during filling or dispensing	Insignificant	Occasional	Very low
Spill from diesel tank during storage (catastrophic failure of tank)	Minor	Rare	Low
Diesel spill from generator day tank	Insignificant	Unlikely	Very low
Spill from temporary storage of containerised waste	Insignificant	Occasional	Very low
Spills / leaks of other liquid hazardous substances / waste	Insignificant	Likely	Low
Air emissions from combustion, shredding and dust trackout by heavy vehicles	Insignificant	Almost certain	Low
Odour emissions from composter	Insignificant	Likely	Low
Fire / explosion (during operating hours)	Minor	Unlikely	Low
Fire / explosion (outside operating hours)	Moderate	Unlikely	Moderate
Used firefighting water	Insignificant	Unlikely	Very low

Fire prevention & response

- **Fire & Explosion Prevention Plan will be in place (including operational procedures and staff training)**
- **Fire detection & firefighting system will be installed according to CPD recommendations which include 240 m³ underground reservoir, ring main & fire hydrants, fire detection & equipment, security guard outside operating hours.**



Thank You

Get in touch with us

training@tfork.com | weadvise@tfork.com

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