

Wild Roots Festival 2024

Waste Management Plan

Wild Roots Festival is set to take place on a new festival site, adjacent to Hazelwood Demesne to the east of Sligo Town, County Sligo, on the 31st May / 1st & 2nd June 2024. The festival organisers are dedicated to sound environmental practices and waste management and are partnered with Panda / Greenstar Recycling as waste management contractors to the event. The below plan details steps taken by the organisers to ensure all waste is managed and disposed of correctly, and that recycling of waste is maximised throughout.

Number of waste receptacles

Detailed on attached waste management infrastructure specification. Finalised dates for delivery of infrastructure will be determined by commencement of build, show and decommissioning dates.

Proposals for segregation

Waste will be collected by stream, using a 3 bin system (General Waste, MDR, Compost and Food Waste), in both public and BOH areas. All waste will be collected and brought to an on-site waste management compound where it will be further separated into various streams by the waste management contractor.

Predicted waste types

In the main, predicted waste types are construction waste (timber, steel), soft and hard plastics, aluminium cans, glass bottles (bars BOH), food waste and compostable serveware, and textile waste from campsites. A recent estimation for waste created by music festivals with camping accommodation facilities is approximately 2kg per person. Final audience numbers will determine final waste volume - it is expected that volume will be higher, should the weather be very wet and preparations for this will be in place.

During our pre submission meeting with relevant statutory agencies a concern was raised as to the accuracy of the 2kg per person waste volume given in our waste management plan with reference to the 10 kg per person number experienced by Electric Picnic. This report was prepared by sustainability consultants Native Events and the numbers given are based on the real world averages experienced by comparable Events to ours in terms of customer profiles (older than EP profile with a large number of families in attendance) and similar waste mitigation measures in place such as:

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- Customer profile coupled with awareness campaigns in campsites has a proven track record at similar events like Body and Soul at drastically reducing the amount of camping equipment left behind post event. Wild Roots is placed at the start of the festival season (EP is the last camping event of the season) and traditionally early events experience exponentially less abandonment of camping gear due to people wanting to use the equipment again that season coupled with the recent purchase of said equipment and the more spacious nature of the campsites resulting in the equipment being undamaged and fit for reuse.
- Customers are limited to the amount of personal beverages they can bring in and no re-entry with extra provisions is permitted after initial entry to the event. No loitering or drinking in car parks is permitted and will be enforced throughout the event.

The Wild Roots 2022 event created 5980 kg waste and 980kg of recycling for an attendance of 27,000 people across 3.5 days . This was much lower than the 2 kg of waste per person expected and we would hope to have a similarly small amount of waste generated for this number of festival attendees again in 2024.

Proposals for monitoring

On-site bin stations are monitored through the build, duration and take-down of the event by Wild Roots staff, supported by a dedicated team of Volunteers, in line with the Festival's Environmental Policy. Information is distributed to staff and the public pre-event on the correct use of bins and waste management facilities, and all bin stations are clearly signposted.

Details of litter picking onsite

Event cleaning specialists will be engaged to undertake litter picking for the event. A litter picking schedule for the event site and environs is attached below. Particular attention has been paid to providing adequate staffing levels for cleaning roads and carparks on the Monday following the event.

Details of collection by authorised waste disposal facility

Panda / Greenstar will supply the containers to store and transport this waste back to their Materials Recovery Facilities at Deep Water Quay in Sligo (EPA Waste Licence W0058-01). There will be a contained waste compound onsite for the segregated storage, processing and compaction of materials for transport and loading for dispatch located near the production entrance with sufficient capacity to hold the entire volume of waste generated over the course of the entire event. This compound will have sufficient storage capacity to deal with the maximum "worst case" volume of potential waste to cater for any fluctuations in predicted numbers, extreme weather events or unforeseen transport delays to disposal facilities.

Waste Management Infrastructure

| Wild Roots Festival 2024 | | | | |
|---|-----------|---------|----------|-------------------------------|
| <i>Waste Infrastructure Spec</i> | | | | |
| DESCRIPTION | Quantity | Date In | Date Out | Notes |
| BOH | | | | |
| 1100L Bins Green - BOH Traders and Bars - Recycling | | | | |
| Campsite Trader Runs | 2 | | | |
| Main Arena Trader Runs | 2 | | | |
| Beach Zone | 1 | | | |
| Bars BOH | 4 | | | |
| Internal waste depots | 2 | | | |
| 1100L Bins Green TOTAL | 11 | | | |
| 1100L Bins Red - BOH Traders and Bars - General Waste/ Black | | | | |
| Campsite Trader Runs | 2 | | | |
| Main Arena Trader Runs | 2 | | | |
| Beach Zone | 1 | | | |
| Bars BOH | 4 | | | |
| Internal waste depots | 2 | | | |
| 1100L Bins Red TOTAL | 11 | | | |
| 660L Bins - BOH Traders - Compost | | | | |
| Campsite Trader Runs | 2 | | | |
| Main Arena Trader Runs | 2 | | | |
| Beach Zone | 1 | | | |
| Internal waste depots | 2 | | | |
| 660L Bins Brown TOTAL | 20 | | | |
| 1100L either Blue or Black TOTAL | 3 | | | <i>Glass Bins Behind Bars</i> |

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|-----------------------------------|----|--|--|------------|
| FOH - Campsites and Arenas | | | | |
| 240L Bins green | 70 | | | TBC |
| 240L Bins red/ black | 70 | | | TBC |
| 240L Bins brown | 70 | | | TBC |
| Other Infrastructure | | | | |
| General waste lorry / compactor | 1 | | | |
| Recycling lorry / compactor | 1 | | | |
| Drums for paint / spray cans | 2 | | | |
| Drums for cooking oil | 4 | | | |
| | | | | |

Litter Picking Schedule

| Wild Roots Festival 2024 | | | | | | | | | |
|-----------------------------------|--------|------------|-------------|-------|--------------|------|--------|-------|-----|
| | | | | | | | | | |
| Thursday 30.05.2024 | | | | | | | Svr | Op | Mgr |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | | |
| Manager | 1 | 8.00 | 17.00 | 1.00 | | | | 8.00 | |
| All areas | 2 | 8.00 | 17.00 | 1.00 | 16.00 | | 16.00 | | |
| Friday 31.05.2024 | | | | | | | | | |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | | |
| Manager | 1 | 8.00 | 24:00:00 | 1.00 | | | | 16.00 | |
| Showers / Toilet | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | | |
| Car Park | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | | |
| Checkpoint and site boundary area | 2 | 14.00 | 22.00 | 1.00 | 14.00 | | 14.00 | | |
| Main Arenas | 6 | 14.00 | 22.00 | 1.00 | 42.00 | | 42.00 | | |
| Campsite | 2 | 14.00 | 22.00 | 1.00 | 14.00 | | 14.00 | | |
| Supervisor | | 22:00 | 8.00 | 1.00 | 9.00 | 9.00 | | | |
| Sweeps | 12 | 22:00 | 8.00 | 1.00 | 108.00 | | 108.00 | | |
| Saturday 01.06.2024 | | | | | | | | | |

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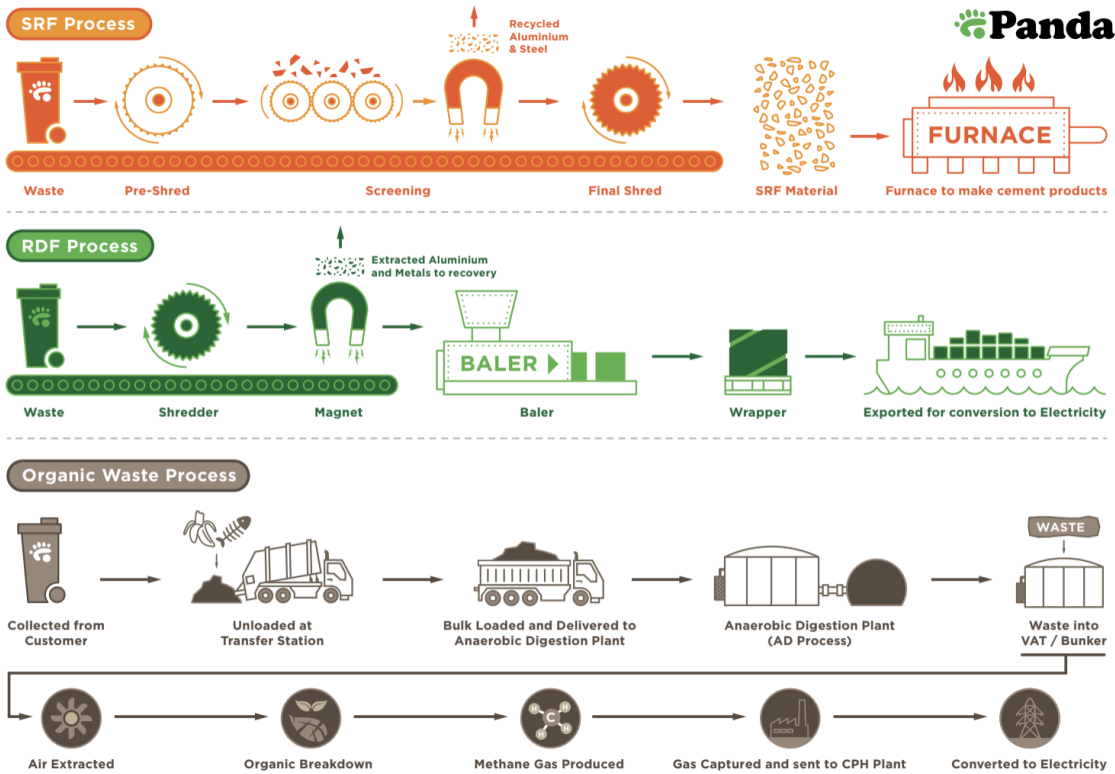
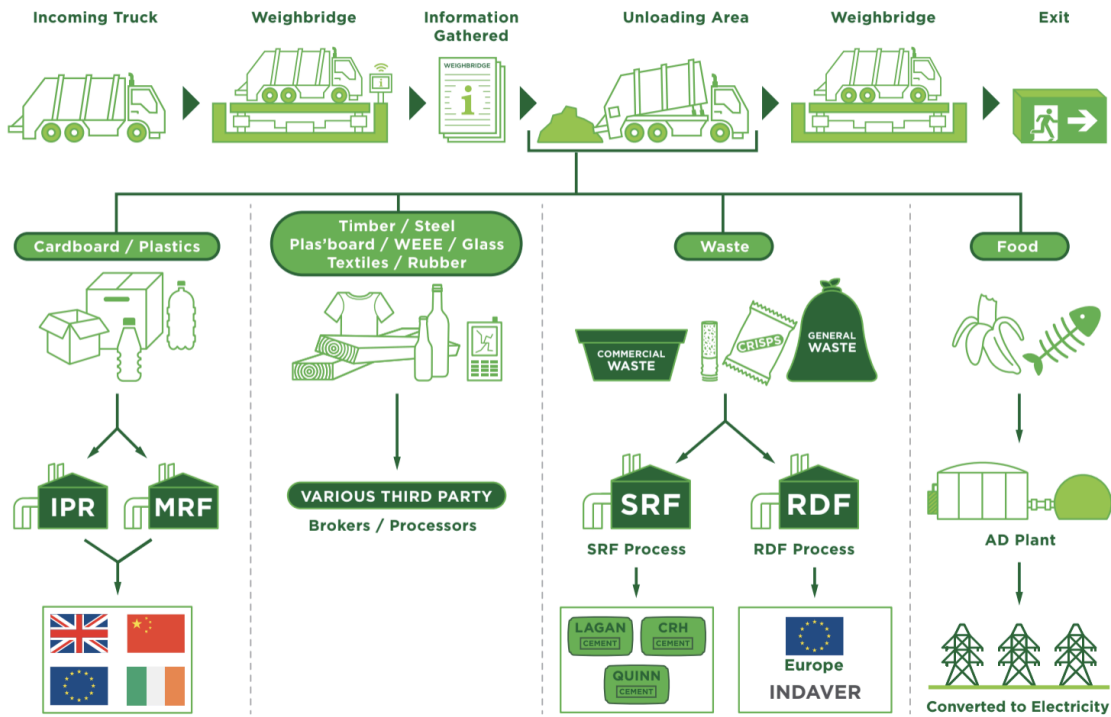
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | |
|------------------------------------|--------|------------|-------------|-------|--------------|------|--------|-------|
| Manager | 1 | 12.00 | 2.00 | 1.00 | | | | 13.00 |
| Showers / Toilet | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | |
| Car Park | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | |
| Checkpoint and site boundary areas | 1 | 12.00 | 22.00 | 1.00 | 9.00 | | 9.00 | |
| Main Arenas | 6 | 12.00 | 22.00 | 1.00 | 54.00 | | 54.00 | |
| Campsite | 4 | 12.00 | 22.00 | 1.00 | 36.00 | | 36.00 | |
| Supervisor | | 22:00 | 8.00 | 1.00 | 9.00 | 9.00 | | |
| Sweeps | 12 | 22:00 | 8.00 | 1.00 | 108.00 | | 108.00 | |
| Sunday 02.06.2024 | | | | | | | | |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | |
| Manager | 1 | 12.00 | 2.00 | 1.00 | | | | 13.00 |
| Showers / Toilet | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | |
| Car Park | 2 | 8.00 | 22.00 | 1.50 | 25.00 | | 25.00 | |
| Checkpoint and site boundary areas | 1 | 12.00 | 22.00 | 1.00 | 9.00 | | 9.00 | |
| Main Arenas | 6 | 12.00 | 22.00 | 1.00 | 54.00 | | 54.00 | |
| Campsite | 4 | 12.00 | 22.00 | 1.00 | 36.00 | | 36.00 | |
| Supervisor | | 22:00 | 8.00 | 1.00 | 9.00 | 9.00 | | |
| Sweeps | 12 | 22:00 | 8.00 | 1.00 | 108.00 | | 108.00 | |
| Monday 03.06.2024 | | | | | | | | |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | |
| | 1 | 10.00 | 20.00 | 1.00 | | | | 9.00 |
| Roads /Carpark | 26 | 10.00 | 20.00 | 1.00 | 234.00 | | 234.00 | |
| Tuesday 04.06.2024 | | | | | | | | |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | |
| Supervisor | 1 | 10.00 | 20.00 | 1.00 | | 9.00 | | |
| Campsite | 30 | 10.00 | 20.00 | 1.00 | 270.00 | | 270.00 | |
| Wednesday 05.06.2024 | | | | | | | | |
| Section | Number | Start Time | Finish Time | Break | Hours Worked | | | |

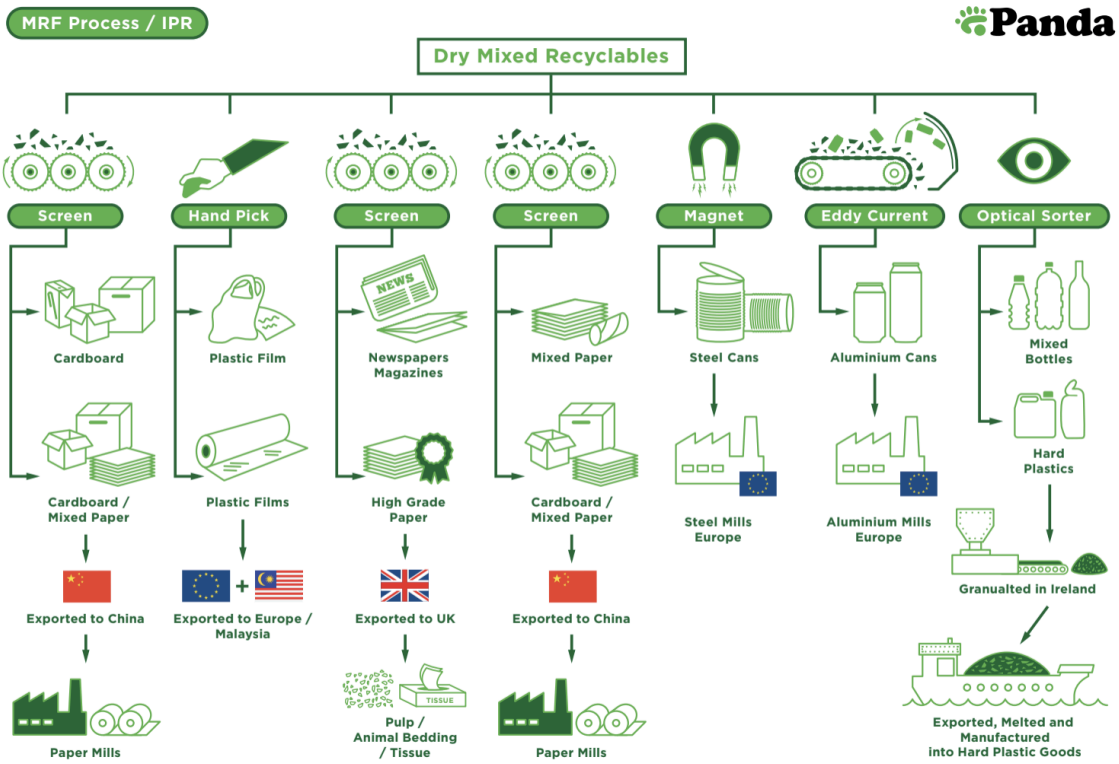
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|-------------------|----|-------|-------|------|--------|------|--------|--|
| Supervisor | 1 | 10.00 | 20.00 | 1.00 | | 9.00 | | |
| Campsite / Arenas | 30 | 10.00 | 20.00 | 1.00 | 270.00 | | 270.00 | |

Panda (Greenstar) Waste Flow Chart

WHAT PANDA DOES WITH YOUR WASTE





Details of disposal to an authorized waste disposal facility

Details are listed on enclosed documentation ref: final destination of waste.

Waste Collection Point Map

Location for onsite skips and further separation of waste is shown on the below map. Individual bin layout points to follow.

