



An
Bord
Pleanála

Record of 3rd Meeting ABP-312446-22

Case Reference / Description	Proposed further development of the Drehid Waste Management Facility located at Killinagh Upper, Carbury, Co. Kildare		
Case Type	Pre-application consultation		
1st / 2nd / 3rd / 4th Meeting	3 rd		
Date	08/12/22	Start Time	11:00 a.m.
Location	Virtually	End Time	12:25 p.m.

Representing An Bord Pleanála		
Staff Members		
Stephen Kay, Assistant Director of Planning (Chair)		
Kevin Moore, Senior Planning Inspector		
Eimear Reilly, Executive Officer	e.reilly@pleanala.ie	01-8737184
Representing the Prospective Applicant		
John Payne, Project Manager, Bord na Móna		
Henning Moe, Hydrologist Specialist, CDM Smith		
Julian Keenan, Trafficwise Ltd		
John Staunton, Project Manager, TOBIN		
Robert Hunt, Senior Environmental Engineer, TOBIN		

Introduction

The Board's representatives referred to the previous meeting with the prospective applicant and enquired as to whether the prospective applicant had any comments it wished to submit on the record of the previous meeting. The prospective applicant replied that it had no comments to make.

Presentation made by the prospective applicant

The prospective applicant gave a presentation under the following headings:

Project Update – Revisions to Project Scope

The prospective applicant gave an update in relation to revisions of project scope. It stated that it has decided not to proceed with the MBT facility mainly due to inflation in construction and energy costs. It noted that this decision was also impacted by the planning grant expiring next year. Resulting from this decision, there have been revisions to the scope and scale of the proposed development, mainly:

- Reduction in waste volume for disposal in the proposed landfill extension, reduced from 350,000 TPA to 290,000 TPA
- Proposed extension to existing Composting Facility and activities within. This new facility will now become a MSW Processing (recycling and recovery) and Composting facility with a combined capacity of 90,000 TPA.
- Development of a new Non-hazardous Soils and Stone recovery facility. Recovered materials of up to 70,000 TPA to offset import of virgin aggregates and other materials for engineering and construction purposes.

Proposed Development Location

The prospective applicant provided a map and gave a brief re-cap of the location of the proposed development. The proposed development is located adjacent to and south of the existing landfill and shares much of the existing infrastructure.

Description of the Proposed Development

The prospective applicant gave an overview of the description of the proposed development and provided a table which outlined the proposed maximum TPA to be accepted at the site. It stated that further development of the existing facility is to provide for acceptance of the 290,000 TPA of waste for disposal for a period of 25 years, of which approximately 40,000 TPA will derive from the existing Composting Facility and the new MSW Processing Composting Facility as CLO/Residual Waste. The proposed development would also provide for an additional 30 000 TPA of

Contingency Capacity in case of an emergency situation that would give rise to unforeseen volumes of waste. The prospective applicant also outlined that the proposed development would consist of the following:

- Associated landfill gas and leachate management infrastructure
- Surface water management including 2 no permanent attenuation ponds and integrated constructed wetlands (ICWs)
- Increase of the existing compost facility throughput from 25 000 TPA to 35000 TPA and remove operational lifetime restriction as contained in Condition (2)2 of An Bord Pleanála Decision Ref PL.09.212059
- Development of a new MSW Processing and Composting Facility as an extension to the existing composting facility with a total capacity to process a maximum of 90 000 TPA of MSW and/or organic fines including an odour abatement system
- Development of a new processing building for the screening and segregation of non-hazardous soils stones, and Construction and Demolition (C& waste for recovery of up to 70 000 TPA for use as construction engineering materials
- Development of a new Maintenance Building with staff welfare facility, storage, and a laboratory
- All associated infrastructure, utility and landscaping works required to facilitate the above

Layout of Proposed Development Location

The prospective applicant provided a drawing of the updated layout of the proposed development and stated that only minor changes were made, which included the footprint of the landfill which has decreased in size. It is proposed to include three attenuation lagoons at the site, one to be used during construction, and a large ICW.

Update on Surface Water / Ammonia / Suspended Solids / BOD

The prospective applicant provided a detailed update on survey work undertaken relating to surface water and ammonia levels at the site and the effectiveness of the constructed lagoons and ICW. A number of figures were presented and on these SW7 represents the inlet into the lagoon and ICW system and SW6 the outfall. This outfall discharges to a channel leading to the Cushaling River.

The prospective applicant set out how the results presented indicate a considerable reduction in ammonia levels at SW6 compared with SW7 and stated that this demonstrates the effectiveness of the attenuation method using lagoons and constructed ICW. Specifically, the prospective applicant highlighted how there was a significant reduction in the results obtained post the commissioning of the ICW in 2016.

The prospective applicant stated that surface water and suspended soils were a concern of Inland Fisheries Ireland during the previous refused application and noted that compliance with the discharge licence specifies a compliance value of 0.5mg/l ammonium at SW6. The results presented by the prospective applicant showed recorded levels downstream of the site to be significantly lower than this.

The prospective applicant noted compliance at the site in relation to surface water and BOD.

Update on Traffic

The prospective applicant provided an update on traffic at the site and presented a table that indicates traffic for the years 2017 – 2021 alongside the predicted traffic levels for the proposed development. The results presented indicate that HGV levels per day over the 2017 – 2021 period ranged from 81 to 101 while the predicted daily HGV level for the proposed development as amended with the omission of the MBT facility is 80.

The prospective applicant explained that they have met with Kildare County Council who have accepted the new figures and are satisfied with the methodology of the derived traffic. The prospective applicant also stated that it has gone through the past 5 years of detailed weighbridge data to derive the traffic generation of the proposed development used in the table presented. This would be addressed in detail in the EIAR.

In relation to haul routes and the condition of the local road, the prospective applicant outlined the prescribed haul routes that were agreed for the MBT facility by Kildare County Council. The magenta route shown on the prospective applicants drawing is a primary haul route for regional traffic, and the two black routes were added from Clane to Maynooth, and from Prosperous to Kilkock as local haul routes to accommodate traffic from facilities on these routes, and local waste collections.

The prospective applicant noted that it has held a meeting with Kildare County Council's transportation department in relation to these routes and that the council has a schedule of improvement works for these roads related to the permitted MBT facility at the site. The prospective applicant also stated that Bord na Mona have agreed a significant contribution with regard to the maintenance and improvement of

haul routes to the site. It was further stated that Bord na Mona have provided a full road condition survey of haul routes which will enable a comparison to be made with the condition recorded at the time of the last application.

Next Steps

The prospective applicant outlined its proposed next steps as follows:

- Initial consultation completed with Kildare County Council on revised project scope and roads / traffic implications.
- Finalise EIAR & Planning Documentation.
- ABP SID consultation to be concluded.
- Another consultation meeting with the EPA re revised project scope.
- Planning application submission in early Q1 2023.
- IE Licence application submission in Q2/Q3 2023

Discussion

The following matters were discussed:

- The Board's representatives acknowledged that the presentation provided by the prospective applicant sought to address the reasons for refusal of the previous application relating to ammonia levels at the site and traffic data.
- In response to a query posed by the Board's representatives, the prospective applicant clarified that the total incoming waste of 440,000 TPA, excludes the 40,000 TPA that the CLO generates from the MSW.
- In response to a query posed by the Board's representatives, the prospective applicant confirmed that the MSW processing and composting facility would accept 35,000 TPA of compost and that the remaining 55,000 would be MSW. It clarified, however, that these figures may vary while the total would not exceed 90,000 TPA. The Board's representatives advised that this be made clear at application stage.
- The Board's representatives sought clarity regarding the function of the MSW processing and composting facility. The prospective applicant replied that the proposed development would extend the existing compost facility and would make use of the existing infrastructure. More tunnels would be added for

composting, and the waste will be placed in the composting tunnels for approximately two weeks in order to reduce moisture and to improve the quality and calorific value of the compost. It will then go through a mechanical separation in order to remove recyclable materials. The recyclable material will then be taken off-site, and the compost will go through second stage composting for a further two weeks. The prospective applicant noted that the volume of waste to be added to the landfill was reduced due to there being no MBT facility. The prospective applicant confirmed that the plans to develop the MBT facility have been abandoned completely.

- The prospective applicant clarified, following a query from the Board's representatives, that the proposed development would have elements of a MBT facility.
- The Board posed a question with regard to the leachate provisions of the proposed development. The prospective applicant replied that is collected and stored in a number of overground tanks which will then be hauled offsite to wastewater treatment plants.
- The Board's representatives noted the issue of ambiguous traffic data in the previously refused application and advised that the data be clearly and unambiguously set out in any application to the Board. The prospective applicant agreed and stated their intention to comply with this advice.
- The Board's representatives queried the management of the local haul roads and what mechanism would be used to ensure that the identified haul routes were kept to. The prospective applicant responded that it would provide advice to all contractors and drivers regarding haul routes and stated that local usage already exists. The prospective applicant also noted the need for contingency plans regarding the haul routes in the event that one of the main haul routes is unavailable. This was a matter which arose in a recent meeting with Kildare County Council, who are satisfied not to remove any of the proposed haul routes to provide for this flexibility.
- In response to a question regarding tolls at haul routes, the prospective applicant stated that it is possible to exit the at Kilcock at the M4 road and to access the route through Enfield to avoid tolls.
- The Boards representatives advised that the issues of control of the haul routes, the impact of tolling and the ratio of traffic likely to access the site from the N4 to the north and the N7 to the south be clearly presented in any application.

Conclusion

The record of the meeting will issue to the prospective applicant, and it will be a matter for the prospective applicant to submit any comments on this if it wishes to do so. The prospective applicant indicated that it may request closure of the pre-application process in writing following receipt of the record of the instant meeting. If closure of the pre-application is requested, the reporting Inspector will complete the report and recommendation which will be forwarded to the Board for determination. A copy of the procedures will be attached, and the decision will then issue to the prospective applicant.



Stephen Kay

Assistant Director of Planning

