

Secretary of the Board  
An Bord Pleanála  
64 Marlborough Street  
Dublin 1

8<sup>th</sup> December 2021

Dear Sir/Madam,

**RE: STRATEGIC INFRASTRUCTURE DEVELOPMENT APPLICATION FOR EXPANSION OF THE BAUXITE RESIDUE DISPOSAL AREA AT AUGHINISH ALUMINA LIMITED, IN THE TOWNLANDS OF AUGHINISH EAST, AUGHINISH WEST, ISLAND MAC TEIGE, GLENBANE WEST, AND FAWNAMORE AT OR ADJACENT TO AUGHINISH ISLAND, ASKEATON, CO. LIMERICK**

Tom Phillips + Associates<sup>1</sup> ('TPA'; Planning Consultants) have been instructed by the Applicant, Aughinish Alumina Limited.<sup>2</sup> ('AAL'), to submit the enclosed planning application to An Bord Pleanála in respect of a Strategic Infrastructure Development (SID). This application is being made in accordance with section 37E of the Planning and Development Act 2000 (as amended). The proposed planning application is in respect of an SID at an existing alumina facility located in the townlands of Aughinish East, Aughinish West, Island Mac Teige, Glenbane West, and Fawnamore at or adjacent to Aughinish Island, Askeaton, Co. Limerick.

The proposed development comprises of:

- An expansion of the Bauxite Residue Disposal Area (BRDA) to increase its disposal capacity in order to accommodate additional bauxite residue resulting in a proposed increase in height of c.12m (to c. 44m OD) above the currently permitted levels. No increase to the existing footprint of the BRDA is proposed.
- An extension to the existing Salt Cake Disposal Cell (SCDC) to accommodate further disposal of salt cake resulting in an increase in height of the cell by c.2.25m. The SCDC is located within the BRDA area.
- An extension of the permitted borrow pit<sup>3</sup>, located to the east of the BRDA, is also proposed. This extension proposes to increase the footprint of the borrow pit from c.4.5ha to c.8.4ha. This extension will provide an additional 380,000m<sup>3</sup> of rock fill material which is needed to satisfy the requirements of the construction and operation of the BRDA.

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<sup>1</sup> 80 Harcourt Street, Dublin 2.

<sup>2</sup> Aughinish Island, Askeaton, Co. Limerick.

<sup>3</sup> Limerick City and County Council (LCCC) Reg. Ref. 17/714; An Bord Pleanála (ABP) Ref. 301011-18



- The continued use of an existing stockpile area at the south east of the subject site to store topsoil in order to satisfy the additional restoration requirements of the extended BRDA.
- Upgrades to the existing water management infrastructure to accommodate the BRDA development to Stage 16 which will also allow for greater Inflow Design Flood (IDF) capacity for the entirety of the BRDA.

A full schedule of submitted information is enclosed. Two hard copies and seven electronic copies of the submission are enclosed.

A hard copy and seven electronic copies of the submission has also been submitted to Limerick City and County Council and electronic copies submitted to the sixteen prescribed bodies, referenced by ABP in their correspondence dated 1<sup>st</sup> April 2021.

The full application can also be viewed at [www.brdasid.ie](http://www.brdasid.ie) once the application is lodged.

Please do not hesitate to contact us if you require any further information.

Yours faithfully,

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**Gavin Lawlor**  
**Director**  
**Tom Phillips + Associates**



## Appendix A – Schedule of Documents

The following documents (2 No. hard copies and 7 No. digital copies) are submitted as part of this planning application:

- **Planning Fee:** The maximum Planning Fee for Strategic Infrastructure Development (SID) proposals is €100,000. An Bórd Pleanála has confirmed that it is in receipt of this fee from Aughinish Alumina. Please see Appendix 2 for proof of payment, including Payment Reference Number.
- **Notices:**
  - An original page of the *Irish Times* dated Wednesday, 8 December 2021, and *Irish Independent*, 8 December 2021 in which notice of the application has been published pursuant to article 17(1)(a) of the *Planning and Development Regulations 2001-2021*.
  - One copy of the Site Notice dated Tuesday, 7 December 2021 and erected or fixed on the land or structure pursuant to article 17(1)(b) of the *Planning and Development Regulations 2001-2021*.
- **Planning Application Form:** A duly completed Strategic Infrastructure Development Planning Application Form, signed and dated Tuesday, 8 December 2021.
- **Planning Report:** Two copies of this *Planning Report*, prepared by Tom Phillips + Associates, dated Wednesday, 8 December 2021.
- **Letter of Consent:** Two copies of a Letter of Consent from Limerick Alumina Refining Limited for the inclusion of their lands within this Planning Application, dated Wednesday, 1 December 2021 (appended to Application Form)
- **Environmental Impact Assessment Report:** Two copies of the Environmental Impact Assessment Report (including Appendices and Non-Technical Summary) dated November 2021.
- **EIA Portal:** Two copies of the EIA Portal Confirmation Notice (appended to Application Form).
- **Natura Impact Statement:** Two copies of the Reports in support of the Appropriate Assessment Process including a Report on Screening for Appropriate Assessment and a Natura Impact Assessment, prepared by Ecology Ireland and dated November 2021.
- **Photomontages:** Two copies of BDRA Raise – Accurate Visual Representations, prepared by Brady Shipman Martin and dated Wednesday, 1 December 2021.
- **Planning Application Drawings:** Two copies of the following drawings, prepared by Golder, are enclosed with this application:



<b>Drawing No.</b>	<b>Drawing Title</b>	<b>Scale</b>
01	Existing Conditions – Site Location Plan – Overall	1:5,000 @ A0
01a	Existing Conditions – Site Location Plan – Overall with Aerial	1:5,000 @ A0
02	Existing Conditions – Site Layout Plan - BRDA	1:3,000 @ A0
02a	Existing Conditions – Site Location Plan – BRDA Tile 1 of 6	1:1,000 @ A0
02b	Existing Conditions – Site Location Plan – BRDA Tile 2 of 6	1:1,000 @ A0
02c	Existing Conditions – Site Location Plan – BRDA Tile 3 of 6	1:1,000 @ A0
02d	Existing Conditions – Site Location Plan – BRDA Tile 4 of 6	1:1,000 @ A0
02e	Existing Conditions – Site Location Plan – BRDA Tile 5 of 6	1:1,000 @ A0
02f	Existing Conditions – Site Location Plan – BRDA Tile 6 of 6	1:1,000 @ A0
03	Permitted Conditions – Site Location Plan – BRDA	1:3,000 @ A0
03a	Permitted Conditions – Site Location Plan – BRDA Tile 1 of 6	1:1,000 @ A0
03b	Permitted Conditions – Site Location Plan – BRDA Tile 2 of 6	1:1,000 @ A0
03c	Permitted Conditions – Site Location Plan – BRDA Tile 3 of 6	1:1,000 @ A0
03d	Permitted Conditions – Site Location Plan – BRDA Tile 4 of 6	1:1,000 @ A0
03e	Permitted Conditions – Site Location Plan – BRDA Tile 5 of 6	1:1,000 @ A0
03f	Permitted Conditions – Site Location Plan – BRDA Tile 6 of 6	1:1,000 @ A0
04	Proposed Conditions – Site Layout Plan - BRDA	1:3,000 @ A0
04a	Proposed Conditions – Site Layout Plan – BRDA Tile 1 of 6	1:1,000 @ A0
04b	Proposed Conditions – Site Layout Plan – BRDA Tile 2 of 6	1:1,000 @ A0
04c	Proposed Conditions – Site Layout Plan – BRDA Tile 3 of 6	1:1,000 @ A0



Drawing No.	Drawing Title	Scale
04d	Proposed Conditions – Site Layout Plan – BRDA Tile 4 of 6	1:1,000 @ A0
04e	Proposed Conditions – Site Layout Plan – BRDA Tile 5 of 6	1:1,000 @ A0
04f	Proposed Conditions – Site Layout Plan – BRDA Tile 6 of 6	1:1,000 @ A0
05a	Cross Sections: Existing and Permitted Raises to Stage 10	1:1,000 @ A0
05b	Cross Sections: Existing, Permitted and Proposed Raises to Stage 16	1:1,000 @ A0
05c	Side Slope Profiles: Zoomed – Permitted and Proposed Raises – 1 of 2	1:400 @ A0
05d	Side Slope Profiles: Zoomed – Permitted and Proposed Raises – 2 of 2	1:400 @ A0
06	Elevations: Existing, Permitted and Proposed BRDA to Stage 16	1:1,000 @ A0
07	Existing Conditions: BDRA Lighting Plan	1:3,000 @ A0
07a	Proposed Conditions during Operations: BDRA Lighting Plan	1:3,000 @ A0
08	Existing Conditions: BDRA Monitoring Instruments Plan	1:3,000 @ A0
08a	Permitted Conditions: BDRA Monitoring Instruments Plan	1:3,000 @ A0
08b	Proposed Conditions: BDRA Monitoring Instruments Plan	1:3,000 @ A0
09a	Existing Conditions: Mud Points and Sprinkler Heads Layout	1:3,000 @ A0
09b	Proposed Conditions during Operations: Mud Points and Sprinkler Heads Layout	1:3,000 @ A0
10	Proposed Conditions: BDRA Closure Layout at Stage 16	1:3,000 @ A0
11	BRDA Details: Operational	1:25 / 1:40 @
12a	BRDA Details: Closure – Spillway Sections (SP-1 to SP-4)	1:400 @ A0
12b	BRDA Details: Closure – Spillway Sections (SP-5 to SP-8)	1:400 @ A0



Drawing No.	Drawing Title	Scale
12c	BRDA Details: Closure – 4 m width Spillway (SP-8)	1:50 / 1:100 @ A0
12d	BRDA Details: Closure – 6 m width Spillway (SP-4), Analogous to SP-2, SP-3 & SP-5	1:50 / 1:100 @ A0
12e	BRDA Details: Closure – 8 m width Spillway (SP-1), Analogous to SP-7 & SP-8	1:50 / 1:100 @ A0
12f	BRDA Details: Closure – 6 m width Spillway (SP-4) discharge to PIC & Wetlands in PIC	1:100 @ A0
12g	BRDA Details: Closure – PIC Breach Spillway #1	1:25 / 1:50 / 1:100 @ A0
12h	BRDA Details: Closure – PIC Breach Spillway #2	1:25 / 1:50 / 1:100 @ A0
12i	BRDA Details: Closure – Side-Slope Capping Containment	1:50 / 1:75 @ A0
13a	Borrow Pit Extension: Existing Conditions, Permitted and Proposed Layout Plan	1:1,000 @ A0
13b	Borrow Pit Extension: Existing Condition and Proposed Cross Sections	1:50 / 1:400 @ A0
13c	Borrow Pit Extension: Indicative Development Phasing	1:1,000 @ A0
13d	Borrow Pit Extension: Estimated PPV Contour Plot	1:3,000 @ A0
14a	SCDC Raise: Existing Conditions – Layout Plan	1:500 @ A0
14b	SCDC Raise: Proposed Conditions – Layout Plan	1:500 @ A0
14c	SCDC Raise: Closure Conditions – Layout Plan & Sections	1:500 @ A0
14d	SCDC Raise: Existing and Proposed Sections – 1 of 3	1:50 / 1:100 @ A0
14e	SCDC Raise: Existing and Proposed Sections – 1 of 3	1:50 / 1:100 @ A0
14f	SCDC Raise: Existing and Proposed Sections – 1 of 3	1:50 / 1:100 @ A0



- **Landscape Drawings:** Two copies of the following drawings, prepared by Brady Shipman Martin, are enclosed with this application:

Drawing No.	Drawing Title	Scale
350	Landscape Masterplan	1:3,500 @ A0
351	Landscape Masterplan – Sheet 1 of 6	1:1,000 @ A0
352	Landscape Masterplan – Sheet 2 of 6	1:1,000 @ A0
353	Landscape Masterplan – Sheet 3 of 6	1:1,000 @ A0
354	Landscape Masterplan – Sheet 4 of 6	1:1,000 @ A0
355	Landscape Masterplan – Sheet 5 of 6	1:1,000 @ A0
356	Landscape Masterplan – Sheet 6 of 6	1:1,000 @ A0
357	Cross Section 1-1	1:100 @ A1 / 1:1,000 @ A0



## Appendix B – List of Prescribed Bodies

Prescribed Body	Address
Minister for Culture, Heritage & the Gaeltacht	Development Applications Unit, DCHG, Newtown Road, Wexford, Y35AP90
Minister for Environment, Climate and Communications	Corporate Support Unit, Elm House, Earlsvale Road, Cavan, H12 A8H7
Minister for Tourism, Culture, Arts, Gaeltacht, Sport and Media	23 Kildare Street, Dublin 2, D02 TD30
Minister for Agriculture, Food and the Marine	Agricultural House, Kildare Street, Dublin D02 WK12
Limerick City and County Council	Planning and Environmental Services, Floor 1, Dooradoyle Road, Dooradoyle, Limerick, V94 WV78
The Southern Regional Assembly	Assembly House, Waterford, X91 F8PC
Environmental Protection Agency	Headquarters, P.O. Box 3000, Johnstown Castle Estate, Co. Wexford
Transport Infrastructure Ireland	Parkgate Business Centre, Parkgate Street, Dublin 8, D08 DK10
Failte Ireland	88-95 Amiens Street, Dublin 1, D01 WR86
An Taisce	An Taisce – The National Trust for Ireland, Tailors Hall, Back Lane, Dublin, D08 X2A3
The Heritage Council	Church Lane, Kilkenny, R95 X264
Inland Fisheries Ireland	Ashbourne Business Park, Dock Road, V94 NPE0
Irish Water	Colvill House, 24-26 Talbot Street, Dublin 1, D01 NP86
Coras Iompair Eireann	CIE Group Property Department, Curzon House, 35 Lower Abbey Street, Dublin 1
Commission for Railway Regulation	Temple House, Temple Road, Blackrock, Co. Dublin, A94 Y5W5
Railway Safety Commission	The Commission for Railway Regulation was formerly the Railway Safety Commission and therefore is addressed in letter to the Commission.
<b>*ALL NOTIFIED BY LETTER ISSUED 8<sup>th</sup> DECEMBER 2021</b>	