COMHAIRLE CONTAE SHLIGIGH
ÁRAS CONTAE COIS ABHAINN SLIGEACH

SLIGO COUNTY COUNCIL
COUNTY HALL RIVERSIDE SLIGO

+353 71 911 1111
+353 71 914 1119

info@sligococo.ie
www.sligococo.ie

Our Ref: **CRM 417259**

16th June 2025

Patrick Benson
Carraroe & District Regeneration Association
Carraroe
Sligo.

Re: Request for discharge to waters licence monitoring results for Lagan Materials Limited Quarry at Aughamore, County Sligo.

Dear Sir,

Please find enclosed monitoring results for Lagan Materials Limited Quarry, Aughamore, County Sligo for the years 2021 and 2022 as requested.

Trusting this is to your satisfaction.

Jim Molloy
Director of Services
Sligo County Council

Carraroe and District Regeneration Association

Carraroe

Sligo

5th April 2024

Mr Martin Lydon

Chief Executive Officer

Sligo County Council

County Hall

Riverside

Sligo

Re: Lagan Bitumen Ltd Discharge Trade Effluent Licence into Lough Gill and Sampling reports for years 2021 and 2022.

Dear Mr Lydon,

I write on behalf of Carraroe and District Regeneration Association with reference to our previous correspondence dated 9th October 2023 and to acknowledge your reply dated 2nd February 2024 reference CRM 415497 (Copy attached) concerning the above discharge licence granted by Sligo County Council on 24th January 2020. Reference CEO Order No 02/2020 Env. File Reference DL(W) 151.

You will note we requested a number of Sligo County Council sampling report results for years 2021 and 2022. You will note in the attached reply we have not as yet been furnished with those reports and wish to further request the reports as required by the discharge licence be provided as requested

You have stated "the existing licence was issued in January 2020 ...the site has been closed for the last number of years following the sale of the quarry by Cemex and no quarrying activities have been carried out on the site in the last number of years" The site is a quarry, regardless of quarrying being active or inactive and pumping was taking place. Lagan Materials Ltd recent application to SCC states" Dewatering of the site and discharge to the stream leading into Lough Gill have been occurring for more than 10 years. The site holds a current reviewed discharge licence (DL(W)151: 2020) and prior to the revision of the licence, there was a

Executive Committee: Honorary Secretary Pat Benson Treasurer: Dr Fidelma Flynn, Dympna O'Loughlin , Mary Dunbar, Noel Merrick, Damien Brennan, Joseph Scanlon, Austin Healy, Sean O Kelly, David Kivlehan, Damien Rooney ,Marian Barrett . E Mail cadrastligo1@gmail.com RCN20206299 Website www.cadra.ie Telephone 0892459123

discharge licence for the site, albeit in the name of the previous owner of the site, CEMEX (ROI) Ltd. 7.3 The current floor level (c. -21mOD) of the quarry is below the water table requiring surface water and groundwater to be pumped from the quarry to a nearby stream which leads directly to Lough Gill c. 765m downstream. " The records for this period should be available with the planning authority Sligo County Council

The ABP Inspectors inspection of site notes *"1.3 At the time of site inspection the quarry was not in operation and the quarry floor was partially flooded. A pump was in operation extracting water from a sump to the south west of the void."* This confirms what we have stated previously that the content quarry area has been pumped on a 24-hour X 365 days basis over the past number of years discharging quarry water into Lough Gill via the Aughamore Stream as approved by SCC Discharge Licence (reference DL(W) 15). which has a number of requirements set out in order to comply with the conditions of the licence.

We again request copies of the monitoring results as specified in the discharge licence issued in 2020 as specified in our letter of 9th October 2023 as follows:

TABLE 1: Trade Effluent Discharge Limit Values

Parameter	Discharge limit value	Units of measurement
Temperature	20	Degrees Centigrade
pH	6-9 Note 1	pH Units
BOD	2	mg/l
Total Ammonia	0.1	mg N/l
Total Suspended Solids	25	mg/l
Molybdate Reactive Phosphorus (MRP)	0.05	mg P/l
Total Phosphorus (as P)	0.1	mg/l P
Sulphates	200	mg/l
Hydrocarbons	1	mg/l

Table 2

Parameter	Monitoring Frequency	Analysis method
Flow	Continuous	On-line flow meter with recorder
Temperature	Monthly	Temperature meter
pH	Monthly Note 1	Standard Method
BOD	Monthly Note 1	Standard Method
Total Ammonia	Monthly Note 1	Standard Method
Total Suspended Solids	Monthly Note 1	Gravimetric
Molybdate Reactive Phosphorus	Monthly Note 1	Standard Method
Total Phosphorus (as P)	Monthly Note 1	Standard Method
Nitrite	Monthly Note 1	Standard Method
Sulphates	Quarterly Note 1	Standard Method
Hydrocarbons	Yearly	Standard Method
Conductivity	Monthly Note 1	Standard Method

Note 1: 24 hour composite sample

We request access to the records of the laboratory analysis provided as per above table to Sligo County Council as per the conditions of the Licence for years 2021 and 2022?

5.4 The Aghamore Stream shall be monitored upstream and downstream of the discharge in accordance with the requirements set out in Table 3 below:

TABLE 3

Parameter	Monitoring Frequency	Analysis method
Temperature	Monthly	Temperature meter
pH	Monthly	Standard Method
BOD	Monthly	Standard Method
Total Ammonia	Monthly	Standard Method
Total Suspended Solids	Monthly	Gravimetric
Molybdate Reactive Phosphorus	Monthly	Standard Method
Total Phosphorus (as P)	Monthly	Standard Method
Nitrite	Monthly	Standard Method
Sulphates	Quarterly	Standard Method
Conductivity	Monthly	Standard Method

We request access to the survey reports as per the conditions above?

Can you provide us with a copy of the Annual Environmental Report as per the above extract for years 2021 and 2022?

We note the following from IFI input to the ABP appeal:

"The catchment requires robust protection and planning ABP-313516-22 Inspector's Report Page 12 of 115 permission should not be granted unless it can ensure that the wastewater discharge from the development, groundwater abstraction or surface water discharge from the site will not have a negative impact on groundwater, the Aghamore stream or Lough Gill."

As already outlined, we are conscious that the content of the Quarry has been pumped via the Aughamore Stream into Lough Gill for the past number of years. Hence our request for the data. Can you advise the name of the independent accredited laboratory which undertook the analysis of the requirements of the discharge licence

We note the current approval by ABP refers to the discharge Licence reference (DL(W)151: 2020) which is the same one as in existence and which we assume you have the data as specified in the Licence approval?

In relation to the settlement Lagoon we note in your letter of the 2nd February 24 you state "With approval under planning construction of the new settlement lagoon can proceed". However as per the ABP conditions there are conditions attached to the development of the lagoon as follows:

15. The developer shall facilitate the archaeological appraisal of the area of ground works in the area of the settlement lagoon. In this regard, the developer shall:

(a) notify the planning authority in writing at least four weeks prior to the commencement of any site operations (including hydrological and geotechnical investigations) relating to the proposed development,

(b) employ a suitably qualified archaeologist prior to the commencement of development. The archaeologist shall assess the site and monitor all site development works, and

(c) provide arrangements, acceptable to the planning authority, for the recording and for the removal of any archaeological

material which the planning authority considers appropriate to remove. In default of agreement on any of these requirements, the matter shall be referred to An Bord Pleanala for determination.

Can you provide us with details of the qualified archaeologist that has been employed/appointed and the commencement date for archaeological survey

Can provide us with details of the acceptable arrangements in place referred at (c) above and if not currently in place when you expect the arrangements will be in place?

We appreciate your cooperation in this matter and look forward to receiving the information we have requested within a reasonable time frame.

Kind regards

Patrick Benson
Honorary Secretary

Cc:
Ms Mary Henchy An Bord Pleanála Reference ABP 313516-22
Mr Niall Gleeson Chief Executive Officer Uisce Éireann
Ms Laura Burke Director General of the Environmental Protection Agency (EPA).
Ms Emer Concannon A/Director of Services SCC

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T: +353 71 911 1111 E: info@sligococo.ie
F: +353 71 914 1119 W: www.sligococo.ie

2nd February 2024

Patrick Benson
Honorary Secretary
CADRA
Carraroe And District Regeneration Association
Carraroe
County Sligo

Our Ref: CRM 415497

Dear Patrick,

I acknowledge receipt of your correspondence dated 10-10-2023.

We note that An Bord Pleanála has now issued a decision in relation to planning file ref no. pl 21-236 (An Bord Pleanála Ref ABP-313516-22). Following on from the An Bord Pleanála decision, Sligo County Council will have to review the planning conditions applied to the development by An Bord Pleanála and liaise with the company in terms of compliance with the conditions applied, and to establish arrangements relating to the regulation of the existing discharge to waters licence issued to the premises.

In terms of the existing discharge to waters licence issued to the licensee, we wish to advise that there is no date established for a review of the existing licence. The existing licence was issued in January 2020. The site has been closed for the last number of years, following the sale of the quarry by Cemex, and no quarrying activities have been carried out on site in the last number of years.

In terms of your queries raised:

- Installation of the new settlement lagoon will be required as part of both the discharge licence arrangements and the planning conditions applied to the development. With approval under planning construction of the new settlement lagoon can proceed.
- The penstock valve referenced will be installed on the associated settlement lagoon pipework.
- In terms of flow measurement, the existing discharge to waters licence issued places the onus on the licensee to carry out flow measurement as required by the licence conditions.

In light of the An Bord Pleanala decision, Sligo County Council has commenced engagement with the licensee in terms of establishing arrangements for compliance with the licence issued.

We note your comments relating to the protection of drinking water supplies and the SAC designation relating to Lough Gill. In terms of the licensing requirements, it will be necessary for the licensee to fully comply with the conditions.

Sligo.

Enda Killoran, Assistant Scientist, Environment Section, Sligo County Council,
County Hall, Sligo Tel: (071)911-1218

If you request clarification in relation to the correspondence issued, please contact, Enda Killoran, Environment Section at 071-9111218.

Yours faithfully,

Rosie Morrissey
Senior Executive Scientist
Environment Section.