

Patrick and Alice Hayes
'Teach Tobar', Knockduff, Dunmanway, Co. Cork, P47 PX73

An Coimisiún Pleanála
64 Marlborough Street
Dublin 1, D01 V902
By email: appeals@pleanala.ie

17 September 2026

Re: ACP-324277-26 (SU04.324277) — substitute consent
ACP-324278-26 (FD04.324278) — section 37L
Murray Brothers Tarmacadam Ltd, Ardcahan, Dunmanway, Co. Cork
Section 131 submission: notices of 27 and 28 August 2026

Dear Sir or Madam,

Part A — Preliminary

1. We refer to your notices of 27 August 2026 (ACP-324277-26) and 28 August 2026 (ACP-324278-26). This submission responds to the documents named in those notices: the response of An Taisce dated 28 July 2026, and the response on behalf of the applicant by McCutcheon Halley dated 14 August 2026 with its Appendices A to F. It introduces no new ground. Our observation of 30 June 2026 and our submission of 17 August 2026 are maintained in full. This letter is lodged separately, in identical terms, on each file, and we ask that it be read on each. Parts A, B and D are made on both files. Part C responds to the An Taisce response of 28 July 2026, which is before the Commission on ACP-324277-26 only, and is made on that file only.
2. The applicant's response relies on the conclusions of the remedial EIAR and remedial NIS, on the "available" records used to prepare them, and on the absence of evidence to the contrary. Several of those statements can be tested against records held by Cork County Council in respect of Air Pollution Act licence A.P. 01/98, which attaches to the tarmacadam plant on the applicant's landholding. Those records were released to us on 15 September 2026 under the Access to Information on the Environment Regulations (Council reference AIE-26-24). We refer to them below only to the extent that they answer statements made in the applicant's response, and we identify each record by the number given in the Council's schedule. Copies of each record referred to are enclosed and listed in the Schedule at the end of this letter.
3. We received a complete copy of the An Taisce response on 1 September 2026, after the Commission corrected a scanning error in the copy first placed on the file. We reserve our position on time in that regard.
4. We note that the applicant's response of 14 August 2026 predates, and does not address, our submission of 17 August 2026.

Part B — The applicant's response of 14 August 2026

Cumulative assessment of the macadam plant

5. At pages 2 and 3 the applicant states that the plant's "potential environmental interactions have nevertheless been considered through the cumulative assessment

undertaken in the rEIAR and rNIS", and that the rEIAR "expressly assesses cumulative impacts associated with the macadam plant ... and concludes that no significant cumulative environmental effects were identified".

6. For air quality, that is not what the rEIAR does. Chapter 8 models quarry sources only (§8.2.2), and states at §8.4.5 that there are "no other significant sources of dust, PM10, or PM2.5, within the area of impact from the quarry". The plant is a licensed emitter of particulates under A.P. 01/98 and sits immediately beside the extraction area. The applicant's own noise consultant, CLV Consulting Ltd (CLV), includes the plant as a contributor to its cumulative noise figures (Appendix D, response to Council Report Item #3). The air assessment does not.
7. Nor does the rEIAR assess the significance of cumulative siltation from the plant. As An Taisce points out (its section 4), §7.3.6 of the rEIAR identifies "a risk of a cumulative effect from elevated suspended sediment arising during rainfall events from the tarmac plant and impacting the boundary stream and Bandon River" and goes no further. The applicant's response does not engage with that point.
8. The only site-specific air data in Chapter 8 is itself drawn from the plant's licence. Table 8.3 (§8.3.2) reports dust soiling results for 1999 and 2000 against a column headed "Licence Limits (% EAC / Day)" of 3.0, from gauges at the control building, alongside the office, and at the entrance laneway to the plant. The quarry holds no air licence. The 3.0 figure is the deposited dust standard in Condition 9 of the licence, which requires that soiling levels of standardised sticky pads "shall not exceed 3% effective area coverage / day at the site boundaries", on a seven day average basis. It is also the limit the Council itself applied at the entrance position in 2002 (record 3). The rEIAR therefore excludes the plant from the assessment while using the plant's licence monitoring as its air baseline.

Dust, and the "available records"

9. At page 5 the applicant states that the rEIAR "addresses historical noise, dust and blasting matters" and finds "no evidence of significant ongoing environmental effects relating to dust". At page 4 it states that the rEIAR applies "a retrospective assessment methodology using available planning records, aerial photography, site survey information ... and specialist technical inputs", and that the absence of a complete dataset is not determinative.
10. The rEIAR states twice (§8.3.2 and §8.5.3) that further monitoring data is not available. The Council's file shows that it was:
 - (a) dust monitoring results for 2001, 2002 and 2004, including instrument data files from a survey on 27 February 2004 at locations recorded as east, entrance, NE, NW, SW, tarmac and tarmac 2 (records 1 to 50, in particular records 44 to 50);
 - (b) a recorded exceedance of a licence dust limit in 2002 (record 3), at the entrance position corresponding to Table 8.3 Site 3;
 - (c) a recorded breach in February 2004, which the Council's report describes as a "breach" of the 50 µg/m³ ambient limit it cites from S.I. No. 271 of 2002 (record 18);

11. Condition 10.2 of the licence (enclosed) also required the licensee itself to retain its monitoring records for at least ten years. The records on which a fuller assessment could have been built therefore existed both on the Council's file and in the licensee's own keeping. The difficulty is not that records were unavailable; it is that they were not used.
12. The rEIAR's own table does not support its conclusion either. Each row of Table 8.3 is a seven-day result. That is the averaging basis Condition 9 prescribes. On those figures the 3.0 limit was exceeded at Site 3 in each 1999 week (3.9, 4.5 and 3.8) and at Site 2 on one occasion (3.2). The chapter's finding that results were "well below the 3% EAC limit" is reached only by averaging each site across 1999 and 2000 together.
13. Taken as a whole, the licence record does not show a history of compliance. It shows a history of little measurement: a small number of short spot readings a year, of three of the four licensed parameters, no dust measurement since 2008, no continuous logged data for any period, and no ambient or boundary monitoring since 2004 (see the AIE-26-24 schedule; records 1 to 50, 79, 87, 91, 94 and 95). An absence of measurement cannot support the applicant's statement that there is "no evidence" of significant effects relating to dust.
14. We make these points to correct the applicant's statements about what the record shows. We do not ask the Commission to find, on this material, what dust levels were experienced at any dwelling. That is a matter for proper assessment, which the rEIAR has not carried out.

Water quality and the Water Framework Directive

15. At page 4 the applicant states that EPA Water Framework Directive status for the Bandon and Caha was "Good" while the quarry operated, that it fell to Moderate after 2018, and that this "supports the proposition that the source of deterioration in water quality in the Bandon River is from external sources and not the quarry". The Viridus letter of 10 August 2026 (Appendix F) states that the deterioration "occurred while no quarrying activity was taking place".
16. The Council's own file records a water quality incident after quarrying stopped. Record 159 (DASH case ENV529740063) is a Council staff observation of sediment runoff in the small stream at Ardcahan Bridge, approximately 200 m from the quarry, first noticed on 6 July 2023. On closure the Council categorised it as "Water Quality / Other", with the free text "Discharge from quarry". The planning authority therefore recorded the incident as a discharge from the quarry, some nine years after extraction ceased. A further Council inspection on 28 June 2026 found no silt in the stream at the quarry entrance on that day, and the record does not identify the point source. The applicant's inference that deterioration since 2018 is from sources "not the quarry" does not sit easily with the planning authority's own categorisation of the incident. It is also difficult to reconcile with the Council's own assessment made in 2012, while the quarry was operating. The Heritage Officer's appropriate assessment screening of 25 July 2012, on which Manager's Order No. 10,012 was made, records that "the water quality of this catchment has been assigned moderate status", and that "this quarry is one of four which is identified in the Bandon River Sub-catchment Plan as having the potential to be contributing to impacts on the Freshwater Pearl Mussel". It concludes that there is "a high potential that activities at this quarry could give rise to impacts" on that species.

17. The Viridus letter also confirms how little of the substitute consent period the WFD data covers. It states that WFD Cycle 1 (2010 to 2015) and Cycle 2 are "the periods relevant", "as quarrying was undertaken prior to the WFD commencement up to 2014". That leaves roughly twenty of the twenty-four years in the application without any WFD classification. The EPA mapping on which Viridus relies classifies the Bandon_020 and Caha_020 river segments. The boundary stream that receives the site's discharges, and that Viridus identifies as the main hydrological feature, is not shown as a classified waterbody on those maps.
18. An Taisce asked (its section 2) for a WFD assessment "covering both the current status of the waters in the area of the site and the substitute consent period". The Viridus letter reports mapped status from 2010 onward. It does not cover 1990 to 2009, does not assess the boundary stream, and so does not provide the assessment An Taisce sought.
19. The applicant's letter and its own appendix also differ on the EPA data:
 - (a) The letter (page 4) states that the Bandon River "is deemed to be At Risk, primarily from Agricultural Pressures". Viridus states that the WFD 2nd Cycle risk mapping shows "the Bandon River is not at Risk but the Caha is" (Map A.4).
 - (b) The letter (page 3) lists "forestry, agriculture, peat cutting, construction and other diffuse sources" as the established pressures. Viridus records that the Caha, which it describes as upstream of the quarry area and whose sub-basin takes in the northern edge of the site, is under pressure from "Extractive Industry, Hydromorphology and Other Anthropogenic Pressures". The letter does not mention extractive industry.

Dwellings, noise and the historical period

20. At page 5 the applicant states that "the nearest dwellings are located between approximately 275m and 450m from the site boundary". Table 1 of its own noise consultant's letter (Appendix D) lists dwellings at 170 m (receptor 31), 180 m (receptor 30) and 233 m (receptor 17), and a 2014 monitoring location at 185 m (S02). CLV explains that its distances are measured to the property boundary, which includes the plant. Our home, 'Teach Tobar', Knockduff, is receptor 16 in CLV Table 1 and on CLV's map, at 342 m. The 2014 monitoring location S03 (305 m) lies beside it.
21. The CLV letter compares predicted "construction" and "operational" phase levels with ambient levels. Those are prospective figures. They say nothing about noise or blasting during 1990 to 2014, which is the development for which substitute consent is sought. CLV also accepts that a tonal assessment "cannot be definitively carried out" without octave band data.

Exceptional circumstances and the planning history

22. At page 2 the applicant relies on the quarry's "complex statutory and enforcement history" in support of exceptional circumstances. The Council's own documents record that history as follows.
 - (a) Planning enforcement. By Manager's Order No. 10,012 dated 22 August 2012 (enclosed), the Council directed that a notice issue under section 261A(4) of the Planning and Development Act 2000, and that notice issued on 23 August 2012.

It records the Council's determination under section 261A(2) that quarry development was carried out after 1 February 1990 that would have required environmental impact assessment, and after 26 February 1997 that would have required appropriate assessment, and that neither was carried out. The reasons state that the quarry was extended after 1 February 1990 to more than 5 ha, including approximately 2 ha after 1999. Under section 261A(4) the Council decided that a pre-1964 use existed, but that the quarry had been subject to unauthorised extension giving rise to the requirement for EIA, and that appropriate assessment was required. No application was made to An Bord Pleanála to review either the Council's determination under section 261A(2)(a) or its decision under section 261A(4)(a). On 25 November 2013 the Council issued Enforcement Notice SKBE/13/7 under section 154 (enclosed). The notice recites that "Quarry development was undertaken on the said lands without a grant of Planning Permission as required under Part III of the Planning and Development Act, 2000 or under Part IV of the Local Government (Planning and Development) Act, 1963 as amended", and that the owner or operator failed to provide information under section 261(1). It required the operation of the quarry to cease within six months of the date of service.

- (b) The applicant's response states (page 2) that, "following the failure to register the quarry under section 261 in 2005, the quarry became unauthorised from that date". The Council's notice does not rest on the failure to register alone. The Senior Planner's report of 8 August 2012, on which the Order was made, states that "The quarry does not have the benefit of planning permission" and "The quarry is unauthorised", and recommends enforcement because the quarry "would have required both a mandatory EIS and an Appropriate Assessment". The enforcement notice itself records quarry development carried out without the permission required under Part III of the 2000 Act or Part IV of the 1963 Act. The applicant did not seek review of the Council's section 261A determination, and its own application seeks consent for development carried out from February 1990.
- (c) The applicant's response also states (page 5) that quarrying ceased in 2014 "following compliance with the enforcement notice". The notice is dated 25 November 2013 and required the operation of the quarry to cease within six months of service. The application describes quarrying continuing until October 2014, some eleven months after the date of the notice. The response does not say when the notice was served or when the period for compliance expired.
- (d) The air licence. The licence file for the plant covers twenty-eight years and records the breaches and departures from licence conditions set out at paragraph 28 below. It records no enforcement action of any kind. The Council's decision of 15 September 2026 certifies that all records it holds have been released (see also records 3, 18 and 72). The licence is an air pollution licence, not a planning permission; we refer to it because the applicant relies on its enforcement history generally.

Remediation and the composite drawing

- 23. The applicant says the substitute consent application "must be assessed on its merits" and separately from the section 37L application (page 2). Yet it has prepared a new

composite drawing for this response (Appendix C) to show how the remediation plan and the section 37L regeneration plan "work alongside each other". The habitat table on that drawing lists 0.667 ha of mixed broadleaved woodland of "High local value", with 1.732 ha of scrub / immature woodland of "Moderate local value", for removal. Remediation of the historical loss of Annex I habitat cannot depend on a future development that removes further woodland. This supports An Taisce's position (its section 5) that remediation of historic impacts must take priority over future development.

24. Appendix A (drawing 2009_LA001, Rev 18, dated 11 August 2026) adds a "former ponds" label to two ponds that were previously unlabelled. The label was added after the observation period closed and without explanation of when the ponds ceased to function.
25. The section 37L regeneration plan (Appendix B) provides a "50m Buffer Zone to all processing equipment to be observed during peregrine breeding season". The applicant's response (page 5) treats the peregrine as evidence that quarrying "creates and supports ecological features". Its own drawing accepts that breeding peregrine is a constraint needing a seasonal buffer. Ground 10 goes to disturbance from future extraction, blasting and drilling, which a 50 m buffer around processing equipment does not address, and the buffer makes no provision for Kestrel.

Inconsistencies (Ground 11)

26. The response and its appendices add to the inconsistencies identified in Ground 11:

Matter	Applicant's response (14 Aug 2026)	Application documents
Substitute consent area	15.2 ha (Viridus)	19.1 ha (rEIAR Ch. 1)
Extraction area 1990–2014	5.94 ha (Viridus)	5.2 ha (rEIAR Chs. 1 and 8)
Nearest dwellings	275–450 m (letter, p. 5)	170 m, 180 m, 233 m (CLV Table 1, same filing)

The Council's 2012 assessment (enclosed) records that the quarry extended by approximately 2.7 ha between 1995 and 2000 and 2.0 ha between 2000 and 2005, with further expansion visible from 2010, and measured the total site area at about 8.1 ha on the 2005 aerial photograph. The Viridus letter gives a 1990 quarry area of 4.72 ha and a total extraction area for 1990 to 2014 of 5.94 ha, a difference of about 1.2 ha across the whole period.

Part C — The response of An Taisce dated 28 July 2026 (ACP -324277-26 only)

27. We agree with An Taisce that the rEIAR and rNIS lack historic monitoring data to support their conclusions (its sections 2 and 3). An Taisce accepts that "historic data and records can be hard to find or non-existent". For the plant licence, that was not the position. As set out at paragraphs 10 to 13 above, the Council held monitoring records from 2001 to 2004, and the licensee was required to keep its own. The data gap in the rEIAR is in part a gap of its own making.
28. An Taisce asks the Commission to confirm that the plant is "planning-compliant" (its section 4), and submits that the plant and the historic quarrying must be assessed together given their "clear and direct functional interdependence". The applicant, for its

part, relies on its "complex statutory and enforcement history" (page 2). The compliance record of the plant is therefore before the Commission in this round. The Council's own licence file for the plant, which the Council certifies is complete, shows the following.

- (a) **Breaches and exceedances recorded by the Council.** In July 2002 the Council's sticky-pad results at the entrance laneway to the plant were 3.63 and 3.9 % EAC/day against the licence limit of 3.0 (record 3). The Council's report of a February 2004 PM10 survey at the plant records a "breach of 50ug/M3 Limit", by reference to the ambient limit in S.I. No. 271 of 2002 (record 18). On 26 May 2009, after raising the matter at its 2008 audit (record 71), the Council wrote that failure to install the weather station and wind sock required by Condition 7 "is breach of your Air Emission licence" (record 72). The matter was raised again at the 2010 audit (record 75).
- (b) **Conditions never performed.** Condition 4 (an air dispersion model, due within six months), Condition 1.5 (a public information programme) and Condition 1.6 (a critical plant report). The Council holds no record of any of them (AIE-26-24 decision and schedule).
- (c) **Reduction targets never set.** Condition 1.2 requires that the licensee "shall establish targets for the reduction of the material losses and a programme to implement these targets". In 2005 the licensee wrote that "our objective for 2005 is to maintain the high standards we operate to" (record 57), and it repeated that position in 2020, 2022 and 2025 (records 113, 128 and 144). No targets appear anywhere on the file, and no objection by the Council.
- (d) **Monitoring not carried out as required.** Condition 8 requires quarterly monitoring of four parameters (sulphur dioxide, oxides of nitrogen, carbon monoxide and dust). The release discloses approximately 45 stack tests over twenty-eight years, against approximately 112 required, and no dust measurement after 2008. The monitoring frequency was reduced below quarterly in correspondence on more than one occasion, including, according to the licensee, to three carbon monoxide readings a year on the licensee's own handheld analyser and later to "twice a year", without any review of the licence (records 87, 91, 92, 94, 95 and 108).
- (e) **Continuous dust monitor declined on cost.** Condition 8 requires a continuously functioning dust monitor with data logger. In 2013 the Council asked the licensee to "confirm that the monitor is fitted" (record 79). The licensee replied on 4 December 2015: "We are financially not yet in a position to spend €10000 on a dust monitor, if market conditions improve in 2016 we will look at this expense" (quoted in record 94). The Council reserved its right to require the monitor "at any time in the future" (record 87; repeated in record 95), and did not do so (see also record 91).
- (f) **Returns not made.** On 20 February 2008 the Council wrote: "We have not received any submissions from January to December 2007 from your company" (record 154). In 2013 it required an annual summary report for 2012 and monthly complaints returns (record 79). The release contains annual summary reports for 2004, 2020, 2022 and 2025 only. It contains no record of complaints of the kind

Condition 10.4 requires, only the licensee's statements in those annual letters that no complaints were received (for example, records 113, 128 and 144).

- (g) **Fuel changed without notification.** The Council's test reports record natural gas in 2011 and 2012 (records 76, 77 and 81) and heavy fuel oil in 2024 (records 135, 137 and 140), where every other report records light fuel oil. Condition 2 requires advance notification of such changes. No notification or licence review appears on the file.
- (h) **Fuel sulphur certificates.** Condition 3.1 requires a certificate of the sulphur content of the fuel to be submitted. The Council first asked for one in 2013 (record 79). None appears in the release.

No enforcement action under the Air Pollution Act 1987 appears anywhere in the release. We do not ask the Commission to determine compliance with the licence, which is a matter for the Council. We ask it to take this record into account in considering An Taisce's request, the applicant's reliance on its compliance and enforcement history, and the reliability of the rEIAR's air quality conclusions, which depend on monitoring carried out under this licence.

- 29. On cumulative assessment (An Taisce section 4), we agree that the quarry and plant must be assessed together and that failing to do so would be project-splitting. That is our Ground 5. For the reasons at paragraphs 6 to 8 above, the rEIAR has not done so for air, and has not assessed the significance of the cumulative siltation risk it identifies at §7.3.6.
- 30. We support An Taisce's requests for further information on the rNIS conclusions (its section 3), on the use of poly-aluminium chloride (its section 2), and on remediation (its section 5). The applicant's response (page 4) repeats that "only very small volumes of PAC were used" but produces no record of quantities, dosing or discharge.
- 31. We note An Taisce's submission (its section 1) on the definition of exceptional circumstances in section 177K(1J) and its alignment with Case C-215/06.

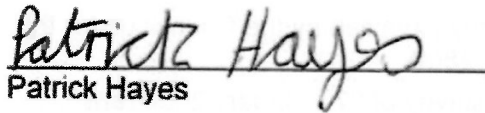
Part D— Conclusion

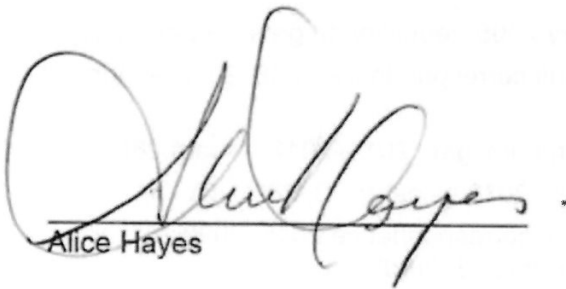
- 32. The applicant's response rests on the proposition that the observers "do not provide technical evidence which displaces the conclusions of the rEIAR, rNIS or Planning Statement". On air, the rEIAR's conclusions rest on a statement that no further monitoring records exist when they do, on a table that shows results above the licence figure, and on an assessment that leaves out the plant the applicant says was cumulatively assessed. On water, the applicant's attribution of deterioration to sources "not the quarry" is contradicted by the planning authority's own 2023 record, which it categorised as "Discharge from quarry", and by its own 2012 assessment of the quarry's potential to affect the Freshwater Pearl Mussel.
- 33. We ask the Commission:
 - (a) not to rely on the statements in the applicant's response identified at paragraphs 5, 9, 15 and 20 above;
 - (b) if it does not refuse, to require the applicant to provide an air quality assessment that includes the plant; the full A.P. 01/98 monitoring record, including the records

the licensee was required to keep under Condition 10.2; and a WFD assessment covering 1990 to 2014 and the boundary stream;

- (c) to refuse substitute consent on ACP-324277-26 and permission on ACP-324278-26, for the reasons in our observation of 30 June 2026 and our submission of 17 August 2026 on ACP-324277-26, which we maintain in full.
34. We reserve the right to make further submissions on the matters raised in this letter and the documents enclosed with it, should the Commission seek further information from the applicant or invite further submissions.

Yours faithfully,


Patrick Hayes


Alice Hayes

SCHEDULE — Enclosures

Enclosures are numbered E1 to E16 and appear in that order in the enclosures file. AIE record numbers are those given in Cork County Council's schedule of records under AIE-26-24 (decision of 15 September 2026).

E1 Cork County Council Manager's Order No. 10,012 (22 August 2012), with the section 261A(4) notice of 23 August 2012 and the Senior Planner's (8 August 2012) and Heritage Officer's (25 July 2012) assessments (not an AIE record) — paras 16, 22(a), (b), 26

E2 Cork County Council Enforcement Notice SKBE/13/7, dated 25 November 2013, with Schedules 1 and 2 (not an AIE record) — para 22(a) to (c)

E3 AIE-26-24 decision of 15 September 2026, with schedule of records — paras 2, 13, 22(d), 28(b)

E4 Licence A.P. 01/98 (Notification of Decision to Grant, 30 March 1998) — paras 8, 11

E5 Records 1 and 3: sticky-pad dust results 2001 and 2002; record 3 includes the July 2002 results at Site 3 (3.63 and 3.9 against 3.0). Record 2 duplicates record 1 and is not enclosed — paras 10(a), (b), 28(a)

E6 Record 18: report P041, February 2004 PM10 survey (supplied by the Council under the file name "Record 18 P050") ("breech") — paras 10(c), 28(a)

E7 Records 44 to 50: DustScan instrument data files, survey of 27 February 2004 (east, entrance, NE, NW, SW, tarmac, tarmac 2); first page of each file enclosed, full files (192 pages) available on request — para 10(a)

E8 Record 57: licensee's annual report, 15 February 2005 (reduction targets) — para 28(c)

E9 Records 71, 72 and 75: Condition 7, Council audit correspondence 2008–2010 — para 28(a)

E10 Records 76, 77 and 81: test reports recording natural gas, 2011–2012 — para 28(g)

E11 Record 79: Council compliance letter, 19 August 2013 — paras 13, 28(e), (f), (h)

E12 Records 87, 91, 92, 94, 95 and 108: Condition 8 correspondence 2015–2020 (monitoring frequency; continuous dust monitor) — paras 13, 28(d), (e)

E13 Records 113, 128 and 144: licensee's returns, 2020, 2022 and 2025 (reduction targets; complaints) — para 28(c), (f)

E14 Records 135, 137 and 140: test reports recording heavy fuel oil, 2024 — para 28(g)

E15 Record 154: Council letter, 20 February 2008 (no submissions for 2007) — para 28(f)

E16 Record 159: Council incident record, DASH case ENV529740063 (2023 observation) — para 16

Enclosures E1 to E16

Submission of Alice Hayes and Patrick Hayes under section 131, dated 17 September 2026
ACP-324277-26 (SU04.324277) and ACP-324278-26 (FD04.324278)

Murray Brothers Tarmacadam Ltd, Ardcahan, Dunmanway, Co. Cork

Total pages in this file: 123. Each enclosure is preceded by a numbered separator page.

AIE record numbers are those given in Cork County Council's schedule under AIE-26-24.

No.	Document	Page
E1	Cork County Council Manager's Order No. 10,012 (22 August 2012), with section 261A(4) notice (23 August 2012) and planning assessments (July-August 2012)	2
E2	Cork County Council Enforcement Notice SKBE/13/7 (25 November 2013), with Schedules 1 and 2	9
E3	AIE-26-24 decision of 15 September 2026, with schedule of records	16
E4	Air Pollution Act licence A.P. 01/98 (Notification of Decision to Grant, 30 March 1998)	26
E5	AIE records 1 and 3: sticky-pad dust monitoring reports, 2001 and 2002	38
E6	AIE record 18: report P041, PM10 survey, February 2004 (Council file name "Record 18 P050")	47
E7	AIE records 44 to 50: DustScan instrument data files, survey of 27 February 2004 (first page of each file; full files available on request)	50
E8	AIE record 57: licensee's letter of 15 February 2005	58
E9	AIE records 71, 72 and 75: Condition 7 correspondence, 2008 to 2010	61
E10	AIE records 76, 77 and 81: test reports recording natural gas, 2011 and 2012	65
E11	AIE record 79: Council compliance letter, 19 August 2013	72
E12	AIE records 87, 91, 92, 94, 95 and 108: Condition 8 correspondence, 2015 to 2020	77
E13	AIE records 113, 128 and 144: licensee's annual letters, 2020, 2022 and 2025	108
E14	AIE records 135, 137 and 140: test reports recording heavy fuel oil, 2024	112
E15	AIE record 154: Council letter, 20 February 2008	119
E16	AIE record 159: Council pollution incident record, DASH case ENV529740063	121

E1

Cork County Council Manager's Order No. 10,012 (22 August 2012), with section 261A(4) notice (23 August 2012) and planning assessments (July-August 2012)

146/6.

CORK COUNTY COUNCIL

PLANNING AND DEVELOPMENT ACTS 2000-2010, AS AMENDED

MANAGER'S ORDER

ORDER NO. 10,012

Subject: Section 261A of the Planning and Development Act, 2000 as inserted by Section 75 of the Planning and Development (Amendment) Act 2010, as amended
- Quarries - Cessation of unauthorised quarrying

Quarry Ref No. CKQY0118

I, James Fogarty, Divisional Manager, West Cork County Health District, HEREBY ORDER, pursuant to the Section 261A of the Planning and Development Act, 2000 as inserted by Section 75 of the Planning and Development (Amendment) Act 2010, as amended and having regard to Assessments prepared by Annie O'Keeffe, Executive Planner in report dated 20th July 2012 and Sharon Casey, Heritage Officer in report dated 25th July 2012 and endorsed by Kevin Irwin, Senior Planner on 8th August 2012 that a notice pursuant to Section 261A (4) of the Planning and Development Act, 2000 as inserted by Section 75 of the Planning and Development (Amendment) Act 2010, as amended issue to the following Quarry Owner and/or occupier informing same that the Planning Authority intends to issue an enforcement notice in relation to the quarry under section 154 of the Planning & Development Act 2000-2010, as amended requiring the cessation of the unauthorised quarrying and the taking of such steps as the authority considers appropriate.

NAME OF OWNER AND/OR OCCUPIER:

Murray Bros. (Tarmacadam) Limited

ADDRESS OF OWNER AND/OR OCCUPIER:

**Droumleena,
Dunmanway,
Co. Cork**

LOCATION OF QUARRY:

**Ardcahan,
Dunmanway,
Co. Cork**

Signed:


Divisional Manager

Date:

22.8.2012.

CORK COUNTY COUNCIL

PLANNING AND DEVELOPMENT ACTS 2000-2010, AS AMENDED

**NOTICE PURSUANT TO SECTION 261 A (4) OF THE PLANNING & DEVELOPMENT ACT
2000 AS INSERTED BY SECTION 75 OF THE PLANNING AND DEVELOPMENT
(AMENDMENT) ACT 2010, AS AMENDED**

Our Ref: CKQY0118

Murray Bros. (Tarmacadam) Limited,
Droumleena,
Dunmanway,
Co. Cork.

RE: Quarry Development at Ardcahan, Dunmanway, Co. Cork

PLANNING AUTHORITY HAS DETERMINED PURSUANT TO SECTION 261A SUBSECTION (2) OF THE PLANNING & DEVELOPMENT ACT 2000, AS INSERTED BY SECTION 75 OF THE PLANNING AND DEVELOPMENT (AMENDMENT) ACT 2010, AS AMENDED, THAT :

1. Quarry development was undertaken post 1 February 1990 that would have required, having regard to the Environmental Impact Assessment Directive, an environmental impact assessment but that such an assessment was not carried out or made.

and
2. Development was carried out after 26 February 1997, which development would have required, having regard to the Habitats Directive, an appropriate assessment, but that such an assessment was not carried out.

REASONS FOR DETERMINATION:

1. Extension of the quarry since 1st February 1990 expanded the total quarry to over 5ha and exceeded 2.5 ha in itself. The quarry development expanded by 2 ha approx. post 1999. This expansion results in the quarry being greater than 5ha in surface area and therefore results in the quarry being of a Class listed in Part 2 of Schedule 5. The extension has resulted in an increase in size greater than 25% of the quarry area and greater than 50% of

the appropriate 5ha threshold. Accordingly EIA is required under Class 13 of Part 2, Schedule 5 of the Planning & Development Regulations 2001, as amended.

2. Development was carried out after 1st July 1999, which development would have required, having regard to the Habitats Directive, an appropriate assessment, but that such an assessment was not carried out.

THE PLANNING AUTHORITY HAS DECIDED PURSUANT TO SECTION 261A SUBSECTION (4) OF THE PLANNING & DEVELOPMENT ACT 2000, AS INSERTED BY SECTION 75 OF THE PLANNING AND DEVELOPMENT (AMENDMENT) ACT 2010, AS AMENDED, THAT:

A pre 1964 use existed at the quarry.

REASONS FOR DECISION:

1. The quarry has been subject to unauthorised extension that has given rise to the requirement for EIA.
2. An Appropriate Assessment is required having regard to the Habitats Directive.

THEREFORE THE PLANNING AUTHORITY INTENDS TO ISSUE AN ENFORCEMENT NOTICE IN RELATION TO THE QUARRY UNDER SECTION 154 OF THE PLANNING & DEVELOPMENT ACTS 2000-2010, AS AMENDED, REQUIRING THE CESSATION OF THE UNAUTHORISED QUARRYING AND THE TAKING OF SUCH STEPS AS THE AUTHORITY CONSIDERS APPROPRIATE.

NOTE: YOU MAY APPLY TO AN BORD PLEANALA, 64 MARLBOROUGH STREET, DUBLIN 1 NOT LATER THAN 21 DAYS AFTER THE DATE OF THIS NOTICE, FOR A REVIEW OF THE SUBJECT DETERMINATION OF THE PLANNING AUTHORITY UNDER SECTION 261A SUBSECTION (2)(a) OR THE SUBJECT DECISION OF THE PLANNING AUTHORITY UNDER SECTION 261A (4)(a) AND THAT NO FEE IN RELATION TO EITHER APPLICATION FOR A REVIEW SHALL BE PAYABLE.

Mise, le meas,



Noel Cooke,
Staff Officer,
Planning Department.

Date: 23rd August 2012

Quarry Reference: CKQY0118
Location: Ardcahan, Dunmanway
Quarry Operator: Murray Bros Tarmacadam Ltd
Total Site Area: c. 8.1ha (measured on 2005 aerial photograph)
Case Planner: Annie O'Keeffe

I note the detailed report of, Annie O'Keeffe, Executive Planner, and the AA assessment by the Heritage Officer, Sharon Casey.

The quarry satisfies definition for a quarry as set out in E.U. EIA & Habitats (No.2) Regulations 2011 (S.I. 584 - 2011).

The quarry does not have the benefit of planning permission.

The quarry exceeds the 5 hectare threshold above which a mandatory EIS is required.

The quarry was not registered under S261.

The quarry is unauthorised.

AA screening would have been required.

I note assessment by Heritage Officer, Sharon Casey:

CONSIDERATION AS TO WHETHER THE REQUIREMENTS OF APPROPRIATE ASSESSMENT APPLY TO QY118 FOR THE BANDON RIVER SPECIAL AREA OF CONSERVATION

The Habitats Directive was introduced into Irish law on the 26/02/1997, and legal protection has applied to the Bandon River Special Area of Conservation since 01/07/1999. An examination of the aerial photographs that the quarry has been operating since this date. The planner has estimated that the quarry extended by 2.7ha approx between 1995 and 2000 and by approx. 2.0ha between 2000 and 2005. Further expansion of the quarry is evident on Google satellite imagery dating from June 2010, however it was not possible to measure the extent of this expansion. All quarrying activity has continued at the site after the date from whence legal protection applied to the Bandon River SAC to the present date must be assessed to determine whether it would be likely to give rise to impacts on the SAC. This includes at a minimum, all new areas that can be seen to have been opened up on the 2005 aerial photograph (2.0ha), and all new areas that can be seen to have been opened up between 2005 and 2010 as evidenced on the 2010 aerial imagery (area subject to 11/317 planning application, and further areas east of this site - approx. 5ha-7ha).

Potential Impacts On Bandon River Special Area of Conservation

The key potential impacts of concern relate to the potential for the quarry to give rise to impacts on habitats or species which require the maintenance of a high standard of water quality. The SAC is designated for two species (Freshwater Pearl Mussel and Brook Lamprey) and for one riverine habitat type (Water courses of

plain to montane levels with the *Ranunculus fluitantis* and *Callitriche-Batrachion* vegetation), all of which require the maintenance of a high standard of water quality and all of which could be affected by activities at this quarry site. Consideration of the potential for the quarry to give rise to each of these receptors is set out below. The water quality of this catchment has been assigned moderate status. Key pressures in the catchment which may be affecting water quality include agriculture and forestry. This quarry is one of four which is identified in the Bandon River Sub-catchment Plan as having the potential to be contributing to impacts on the Freshwater Pearl Mussel.

Freshwater Pearl Mussel is very susceptible to elevated levels of silt in watercourses where they occur and to contamination of water caused by the introduction of hydrocarbons or chemicals. These impacts could be caused by activities at the quarry site. The conservation status of this species has been assessed to be bad nationally. Increased levels of surface water run off could also affect the hydrology of the river, and could have impacts on this species. As populations of this species occur in the Bandon River immediately downstream from the quarry, and having regard to the direct hydrological connection between this quarry and the SAC, it is concluded that there is a high potential that activities at this quarry could give rise to impacts on this species.

Brook Lamprey is a widely distributed species in Ireland. It requires good water quality, clean sediments at spawning grounds and the presence of stable sandy silt beds to maintain healthy populations. The conservation status of this species has been assessed to be good nationally, however there is limited information available regarding the status of the Brook Lamprey population in the Bandon River. Having regard to the direct hydrological connection between the quarry and the SAC, I consider that the potential for the quarry to give rise to impacts on this species which could be significant cannot be screened out.

Floating River Vegetation is a widely distributed habitat which occurs in freshwater ecosystems around the country. It is stated that this SAC supports good examples of this habitat type throughout the site. The primary pressures on this habitat type arise from eutrophication of freshwater systems, excessive fertilisation, afforestation and the introduction of invasive alien species. The conservation status of the habitat has been assessed to be bad nationally. Having regard to the direct hydrological connection between the quarry and the SAC, I consider that the potential for the quarry to give rise to impacts on this species which could be significant cannot be screened out.

Assessment Of Significance Of Impacts Identified During Screening

I consider that that activity at this quarry has the potential to give rise to significant impacts on the Bandon River Special Area of Conservation.

Determination as to whether AA was required

I consider that all post 01/07/1999 activities at this site are subject to Appropriate Assessment in respect of the potential for such activities to give rise to impacts on the Bandon River SAC, and in particular to give rise to impacts on Freshwater Pearl Mussel and Brook Lamprey, two species for which the SAC is designated and on the Annex I habitat type Water courses of plain to montane levels with the *Ranunculus fluitantis* and *Callitriche-Batrachion* vegetation for which this SAC is designated. No such assessment has previously been completed.

Completed By	Sharon Casey, 25/07/2012
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Accordingly, as the quarry does not have planning permission; was not registered under S261; is unauthorised; but would have required both a mandatory EIS and Appropriate Assessment, I recommend enforcement action under S261A.

Kevin Irwin,

Senior Planner,

08.08.2012.

E2

Cork County Council Enforcement Notice SKBE/13/7 (25 November 2013), with
Schedules 1 and 2

COPY

CORK COUNTY COUNCIL
ENFORCEMENT NOTICE

Section 154 of the Planning and Development Act, 2000
**DEVELOPMENT CARRIED OUT WITHOUT A GRANT OF PLANNING
PERMISSION**

Enforcement Notice Reg. No. SKBE/13/7

Murray Bros. (Tarmacadam) Limited,
Droumleena,
Dunmanway,
Co. Cork.

WHEREAS CORK COUNTY COUNCIL is the Planning Authority for the County of Cork in which are situate the lands at Ardcahan, Dunmanway, Co. Cork in the Townland of Ardcahan in the Electoral Division of Aultagh and more particularly hatched in red on the map, **Schedule 1**, annexed hereto.

AND WHEREAS Quarry development was undertaken on the said lands without a grant of Planning Permission as required under Part III of the Planning and Development Act, 2000 or under Part IV of the Local Government (Planning and Development) Act, 1963 as amended, and in respect of which the owner or operator failed to provide information in relation to the operation of the quarry in accordance with Section 261 (1) of The Planning and Development Act 2000.

AND WHEREAS the said development carried out on the said lands constitutes Unauthorised Development

AND WHEREAS the said development is not exempted development.

COPY

AND WHEREAS an investigation in respect of the said unauthorised development was carried out by Cork County Council.

AND WHEREAS a Notice was issued on 23rd August 2012 by Cork County Council in relation to the Quarry on the said lands under Section 261A(4)(a) of the Planning and Development Act 2000 as inserted by Section 75 of the Planning and Development (Amendment) Act 2010 as amended and no application was made to An Bord Pleanála for a review of the determination made by Cork County Council under subsection (2)(a) of the said Section as set out in that Notice and no application was made to An Bord Pleanála for a review of the decision of Cork County Council under subsection (4)(a) of the said Section as set out in that Notice and the time for making such review applications to An Bord Pleanála has now expired and Cork County Council is therefore obliged by subsection (9) of the said Section to issue an Enforcement Notice under Section 154 of the said Act requiring the cessation of the operation of the quarry and the taking of such steps as Cork County Council considers appropriate.

TAKE NOTICE that Cork County Council pursuant to the provisions of Section 154 of the Planning and Development Act 2000 **HEREBY REQUIRES YOU IN RESPECT OF THE SAID LANDS, WITHIN A PERIOD OF SIX MONTHS FROM THE DATE OF SERVICE OF THIS NOTICE TO TAKE THE FOLLOWING STEPS:**

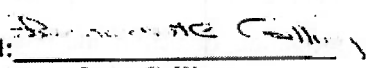
- a) Cease the operation of the quarry.
- b) Refund to Cork County Council the sum of €776.00 being the costs and expenses of reasonably incurred by it in relation to the investigation, detection and issue of this Enforcement Notice and Notice issued under Section 261A(4) of The Planning and Development Act 2000 as inserted by Section 75 of the Planning and Development (Amendment) Act 2010, including costs incurred in respect of the remuneration and other expenses of its employees, consultants, and or advisors pursuant to Section 154 (5) (d) of the Planning and Development Act, 2000.

AND FURTHER TAKE NOTICE that if you do not comply with this Notice within the period(s) specified above, or within such extended period (not being more than 6 months as may be allowed by Cork County Council), you may be guilty of an offence, and Cork County Council may take the following actions:-

- Institute proceedings against you under the Planning and Development Act 2000, as amended, as Cork County Council may decide in its absolute discretion.
- Enter on the said land and take such steps necessary to secure compliance with the steps specified in the Notice including the demolition of any structure and the restoration of land and may recover any expenses reasonably incurred by it in that behalf.

IN ADDITION your attention is directed to the **Penalties for Non-Compliance** with the terms of this Enforcement Notice as set out and explained in **Schedule 2** attached hereto.

Dated this 25th day of November, 2013.

Signed: 

**Bernadette Collins,
Planning Department,
Cork County Council,
Norton House, Cork Road,
Skibbereen, Co. Cork.**

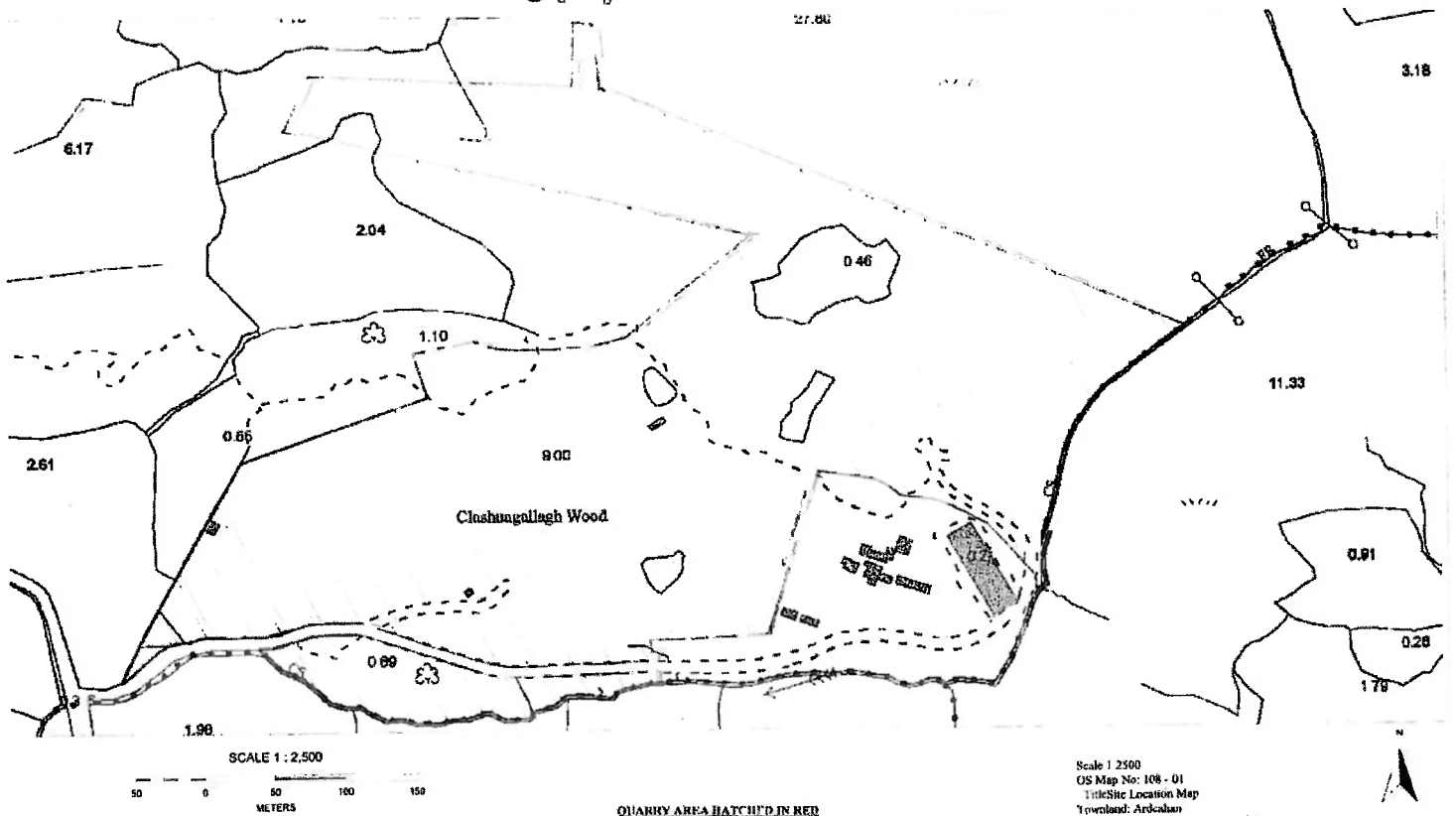
SCHEDULE 1

COPY

MAP (OS Map Ref No 108/1)

Attached Map referred to in this Enforcement Notice

COPY



QUARRY AREA HATCHED IN RED

Scale 1:2500
OS Map No: 108 - 01
Title Site Location Map
Townland: Ardahan

Prepared By: *B. Buckley*
Barry Buckley
Technician

SCHEDULE 2

COPY

**CONSEQUENCES OF NON-COMPLIANCE & PENALTIES FOR OFFENCES
PLANNING AND DEVELOPMENT ACT, 2000, as amended
by the PLANNING AND DEVELOPMENT (AMENDMENT) ACT, 2010**

1. Pursuant to Section 156(1) of the Act a person who is guilty of an offence under Section 154 shall be liable-
 - a) On conviction on indictment, to a fine not exceeding €12,697,380.78 or to imprisonment for a term not exceeding two years, or to both, or
 - b) On summary conviction, to a fine not exceeding €5,000, or to imprisonment for a term not exceeding six months, or to both.
2. Pursuant to Section 156(2) of the Act, where a person is convicted of an offence referred to in No. 1 above and there is a continuation by him or her of the offence after his or her conviction, he or she shall be guilty of a further offence on every day on which the contravention continues and for each such offence shall be liable-
 - a) On conviction on indictment, to a fine not exceeding €12,697.38 for each day on which the offence is so continued, or to imprisonment for a term not exceeding two years, or to both, provided that if a person is convicted in the same proceedings of two or more such further offences the aggregate term of imprisonment to which he or she shall be liable shall not exceed two years or
 - b) On summary conviction, to a fine not exceeding €1,500 for each day on which the offence is so continued or to imprisonment for a term not exceeding six months, or to both, provided that if a person is convicted in the same proceedings of two or more such further offences the aggregate term of imprisonment to which he or she shall be liable shall not exceed six months.
3. Pursuant to Section 156(3) of the Act, where a person is convicted of an offence referred to in No. 1 above involving the construction of an unauthorised structure, the minimum fine shall be-
 - a) On conviction on indictment, the estimated cost of the construction of the structure or €12,697.38, whichever is less, or
 - b) On summary conviction, the estimated cost of the construction of the structure or €2,500, whichever is less, except where the person convicted can show to the court's satisfaction that he or she does to have the necessary financial means to pay the minimum fine.
4. Pursuant to Section 156(8) of the Act, on conviction of an offence under Section 154 of the Act, the court may, in addition to imposing the penalties specified in Nos. 1 and 2 above, order the person convicted to take all or any steps specified in the relevant enforcement notice within such period as the Court considers appropriate.

E3

AIE-26-24 decision of 15 September 2026, with schedule of records

Comhairle Contae Chorcaí Cork County Council

An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Faics: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie
Environment Directorate,
Inniscarra, Co. Cork.
Tel: (021) 4532700 • Fax: (021) 4532727
Web: www.corkcoco.ie



September 15th 2026

Alice Hayes
Fractional HR Director & Executive Coach
Carroll Hayes Consulting

by email to: alice@carrollhayesconsulting.ie
Re: AIE-26-24 Decision Letter

Dear Ms. Hayes

I refer to your request, date July 17th 2026 made under the European Communities (Access to Information on the Environment) Regulations 2007 to 2018 (S.I. No. 133 of 2007, S.I. No. 662 of 2011, S.I. 615 of 2014 and S.I. 309 of 2018) (hereafter referred to as the AIE Regulations) for access to records held by Cork County Council relating to your previous request ref. AIE-26-19, specifically the following:

This request is made pursuant to the European Communities (Access to Information on the Environment) Regulations 2007–2018 ("the AIE Regulations"). To the extent that any requested records constitute our personal data, this request is also made pursuant to Article 15 of Regulation (EU) 2016/679 (General Data Protection Regulation) and the Data Protection Act 2018. Where any requested records fall outside the scope of the AIE Regulations, we request that this correspondence also be treated as a request under the Freedom of Information Act 2014, where applicable.

Under the European Communities (Access to Information on the Environment) Regulations 2007 to 2018, I request access to the following environmental information held by Cork County Council as Licensing Authority in connection with that licence, for the period from grant on 30 March 1998 to the date of this request:

- 1. The results of all emission monitoring carried out under Condition 8 (vent monitoring / continuous monitor data), as submitted to the Licensing Authority.*
- 2. The results of all ambient air monitoring carried out under Condition 9, including carbon monoxide, sulphur dioxide and nitrogen dioxide monitoring against the site-boundary standards, and the deposited-dust (sticky-pad) monitoring.*
- 3. All monitoring returns submitted under Condition 10.1 (the monthly, or quarterly, monitoring results), together with any records held under Condition 10.2.*
- 4. The annual summary reports submitted under Condition 10.3 (due before 15 January each year), including the Plant Manager's certification.*
- 5. The record of complaints received relating to site operations, maintained and submitted under Condition 10.4, together with the company's investigation and response.*

Comhairle Contae Chorcaí Cork County Council

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6. The air emission management programme report required under Condition 1.2 (due within six months of issue), and the subsequent annual summary reports on progress against the reduction targets established under that condition.

7. The programme required under Condition 1.5 to enable members of the public to obtain information concerning the licensee's atmospheric emissions, as agreed with the Licensing Authority.

8. The report identifying critical items of plant, and the associated maintenance programme records, required under Condition 1.6.

9. The air dispersion model required under Condition 4 (to be carried out within six months of commencement of operations).

10. Records of the annual contributions paid by the licensee under Condition 11, and of any correspondence altering the rate of contribution.

On August 13th I informed you that, due to the volume of information sought, I was extended the time for making a decision on your request by one month, as allowed under Article 7(2)(b) of the AIE Regulations.

Summary of Decision: Part-Grant

I made a decision on your request on **September 15th 2026** and I have decided to part-grant your request.

A schedule of records is included with this correspondence. It outlines all records relevant to your request and cites the relevant article of the Regulations that apply to part-grant access.

Due to the volume of records I am releasing to you I am sending the records to you via Filesender. You should receive six emails from Filesender with links that will allow you to download the records to your own device. Please contact me if you have any difficulties accessing the records released.

Further explanation

In responding to your request, I consulted with staff in the Air Laboratory, Planning and Environment Directorate, who have responsibility for ensuring compliance with licences issued under the Air Pollution Act, 1987. The staff conducted a thorough search of their electronic and paper-based records. I also consulted with the Support Services section, Planning and Environment Directorate who are responsible for environmental complaint management and for processing payments of monitoring contributions.

I am satisfied that a thorough search was conducted for the information requested and that all information relevant to your request that is held by Cork County Council is being released to you.

Under current document retention policies, Cork County Council is obliged to retain records relating to Air Pollution licences for a maximum period of seven years. The absence of any record from the period seven years before the date of your request should not be interpreted to mean that such records do not exist, were never held by Cork County Council or were never submitted by the licence

Comhairle Contae Chorcaí Cork County Council

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holder to Cork County Council. It could also mean that such records were archived, destroyed, or that they cannot be found after all reasonable steps have been taken to ascertain their whereabouts.

In relation Point 10 of your request (annual monitoring contributions paid by licencees), the amount charged by Cork County Council is increased/decreased annually in line with the Consumer Price Index.

Article 8(a)(i) of the AIE Regulations states that a public authority shall not make available environmental information where disclosure of information would "*adversely affect the confidentiality of personal information relating to a natural person who has not consented to the disclosure of the information, and where that confidentiality is otherwise protected by law*".

I have redacted personal information from records being released to you in line with Article 8(a)(i) of the Regulations. I am satisfied that this personal information is protected by law.

Public interest test

As required by Article 10(3) of the AIE Regulations, I have weighed the public interest served by the disclosure of records against the interest served by part-grant or refusal. I have decided that the confidentiality of personal information outweighs the public interest in this case.

Right of review

Under Article 11 of the AIE Regulations you have a right to request an internal review of this decision. An internal review involves a complete reconsideration of the matter by a member of the staff of Cork County Council, unconnected with the original decision, of the same or higher rank than the original decision-maker, who may affirm, vary or annul the original decision.

In the event that you wish to make such a request, you can do so by writing to the AIE Officer, Environment Directorate, Cork County Council, Inniscarra, Co. Cork, or by emailing aierequests@corkcoco.ie, stating that you are requesting an internal review. Please quote your reference number above. This request must be made within one month of the date of receipt of this decision. The decision of an internal review will be communicated to you within one month of receipt of your request for an internal review.

Please contact me aierequests@corkcoco.ie if I can assist you in any matter relating to your request.

Yours sincerely

Conor Ryan
A/ Senior Staff Officer
Environment Directorate
Cork County Council
Inniscarra
T: 021-4532758
E: aierequests@corkcoco.ie

AIE-26-24 Schedule of Records

Record No.	Year	Description	No of pages	Grant/Part-grant/Refuse	Article of Regulations	Comments
1	2001	Report Ref L029P. Dust monitoring	4	Grant		
2	2001	Report Ref. L029 Dust monitoring	4	Grant		
3	2002	Report Ref M029P Dust monitoring	4	Grant		
4	2003	Graphs 2003.xls. Microsoft excel workbook with 4 spreadsheets including graphs		Grant		
5	2003	Report Ref. N052. PM10 monitoring	2	Grant		
6	2003	Report Ref. N052P. Dust monitoring	2	Grant		
7	2003	Report Ref. N053. Dust monitoring	2	Grant		
8	2003	Report Ref. N053P. Dust monitoring	2	Grant		
9	2003	Murray Bros1.csv. Spreadsheet with monitoring results	n/a	Grant		
10	2003	Murray Bros2.csv. Spreadsheet with monitoring results	n/a	Grant		
11	2003	Report Ref. N060. Lab test report.	2	Grant		
12	2003	Report Ref. N060P. Lab Test report	2	Grant		
13	2003	Report Ref. N061	2	Part-grant	8(a)(i)	Personal information redacted
14	2004	Report Ref. P039	2	Grant		
15	2004	Report Ref. P039P	2	Grant		
16	2004	Report Ref. P040	2	Grant		
17	2004	Report Ref. P040P	2	Grant		
18	2004	Report Ref. P041	2	Grant		
19	2004	Report Ref. P041P	2	Grant		
20	2004	Report Ref. P042	2	Grant		
21	2004	Report Ref. P042P	2	Grant		
22	2004	Report Ref. P043	2	Grant		
23	2004	Report Ref. P043P	2	Grant		
24	2004	Report Ref. P044	2	Grant		
25	2004	Report Ref. P044P	2	Grant		
26	2004	Report Ref. P023	2	Grant		
27	2004	Report Ref. P023P	2	Grant		

28	2004	Report Ref. P024	2	Grant		
29	2004	Report Ref. P024P	2	Grant		
30	2004	Report Ref. P025	2	Grant		
31	2004	Report Ref. P025P	2	Grant		
32	2004	Report Ref. P026	2	Grant		
33	2004	Report Ref. P026P	2	Grant		
34	2004	Report Ref. P027	2	Grant		
35	2004	Report Ref. P027P	2	Grant		
36	2004	Report Ref. P050	2	Grant		
37	2004	Report Ref. P050P	2	Grant		
38	2004	Report Ref. P051	2	Grant		
39	2004	Report Ref. P051P	2	Grant		
40	2004	Report Ref. P052	2	Grant		
41	2004	Report Ref. P052P	2	Grant		
42	2004	Report Ref. P053	2	Grant		
43	2004	Report Ref. P053P	2	Grant		
44	2004	Murray Bros East Worksheet	n/a	Grant		
45	2004	Murray Bros entrance Worksheet	n/a	Grant		
46	2004	Murray Bros ne Worksheet	n/a	Grant		
47	2004	Murray Bros nw Worksheet	n/a	Grant		
48	2004	Murray Bros sw Worksheet	n/a	Grant		
49	2004	Murray Bros tarmac 2 Worksheet	n/a	Grant		
50	2004	Murray Bros tarmac Worksheet	n/a	Grant		
51	2004	Report Ref. P018	2	Grant		
52	2004	Report Ref. P018P	2	Grant		
53	2004	Report Ref. P019	2	Part-grant	8(a)(i)	Personal information redacted
54	2004	Letter from Exec Scientist to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
55	2004	Letter from Exec Scientist to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
56	2004	Letter from Esso to Murray Bros, copy received by Cork Co. Co. in Jan. 2004	1	Part-grant	8(a)(i)	Personal information redacted
57	2005	Letter from Murray Bros to Cork County Council	2	Part-grant	8(a)(i)	Personal information redacted

58	2005	Letter from Cork County Council to Murray Bros.	2	Part-grant	8(a)(i)	Personal information redacted
59	2006	Report Ref. AR031	2	Part-grant	8(a)(i)	Personal information redacted
60	2006	Report Ref. AR031P	2	Grant		
61	2006	Report Ref. AR032	2	Part-grant	8(a)(i)	Personal information redacted
62	2006	Report Ref. AR032P	2	Grant		
63	2007	Report Ref. A056S(A)	2	Part-grant	8(a)(i)	Personal information redacted
64	2007	Report Ref. A056S	2			
65	2007	Report Ref. A056SP	2			
66	2007	Letter to Murray Bros.	1			
67	2008	Report Ref. AT037	2	Part-grant	8(a)(i)	Personal information redacted
68	2008	Report Ref. AT037P	2	Grant		
69	2008	Report Ref. AU026	2	Part-grant	8(a)(i)	Personal information redacted
70	2008	Report Ref. AU026P	2	Grant		
71	2008	Letter on public file	1	Grant		
72	2008	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
73	2010	Report Ref. AV011	2	Part-grant	8(a)(i)	Personal information redacted
74	2010	Report Ref. AV011P	2	Grant		
75	2010	Letter of Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
76	2011	Report Ref. AW019	2	Part-grant	8(a)(i)	Personal information redacted
77	2011	Report Ref. AW019P	2	Grant		
78	2011	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
79	2013	Letter to Murray Bros. and Report Ref. AY003	4	Part-grant	8(a)(i)	Personal information redacted
80	2013	Letter to Murray Bros. and Report Ref. AY021	4	Part-grant	8(a)(i)	Personal information redacted
81	2013	Report Ref. AY003P	2	Grant		
82	2013	Report Ref. AY021P	2	Grant		
83	2014	Report Ref. AZ003	2	Part-grant	8(a)(i)	Personal information redacted
84	2014	Report Ref. AZ003P	2	Grant		
85	2014	Report Ref. AZ013	2	Part-grant	8(a)(i)	Personal information redacted
86	2014	Report Ref. AZ013P	2	Grant		
87	2014	Letter to Murray Bros.	2	Part-grant	8(a)(i)	Personal information redacted

88	2015	Letter to Murray Bros. and Report Ref. AZ003	6		Part-grant	8(a)(i)	Personal information redacted
89	2015	Report Ref. AA007	2		Part-grant	8(a)(i)	Personal information redacted
90	2015	Report Ref. AA007P	2		Grant		
91	2015						
92	2016	Letter to Murray Bros. and Report Ref. AA007 Letter to Murray Bros. and Reports Ref. AB001, AB001P, AB028 and AB028P	5 10		Part-grant Part-grant	8(a)(i) 8(a)(i)	Personal information redacted Personal information redacted
93	2017	Letter to Murray Bros and Reports Ref. AC001 and AC001P	6		Part-grant	8(a)(i)	Personal information redacted
94	2017	Letter to Murray Bros. and Reports Ref. AD001 and AD001P	6		Part-grant	8(a)(i)	Personal information redacted
95	2018	Letter to Murray Bros. and Reports Ref. AE005 and AE005P	6		Part-grant	8(a)(i)	Personal information redacted
96	2018	Letter to Murray Bros.	1		Part-grant	8(a)(i)	Personal information redacted
97	2018	Report Ref. AF019	2		Part-grant	8(a)(i)	Personal information redacted
98	2018	Report Ref. AF019P	2		Grant		
99	2019	Air Emission Report Glenside Environmental	2		Part-grant	8(a)(i)	Personal information redacted
100	2019	Letter to Murray Bros.	1		Part-grant	8(a)(i)	Personal information redacted
101	2019	Report Ref. AG007	2		Part-grant	8(a)(i)	Personal information redacted
102	2019	Report Ref. AG007P	2		Grant		
103	2019	Letter to Murray Bros.	1		Part-grant	8(a)(i)	Personal information redacted
104	2019	Report Ref. AH016	2		Part-grant	8(a)(i)	Personal information redacted
105	2019	Report Ref. AH016P	2		Grant		
106	2020	Letter to Murray Bros	1		Part-grant	8(a)(i)	Personal information redacted
107	2020	Report Ref. AI008	2		Part-grant	8(a)(i)	Personal information redacted
108	2020	Letter to Murray Bros.	1		Part-grant	8(a)(i)	Personal information redacted
109	2020	Report Ref. AK010	2		Part-grant	8(a)(i)	Personal information redacted
110	2020	Report Ref. AK010P	2		Grant		
111	2020	Air Emission Report Glenside Environmental	1		Part-grant	8(a)(i)	Personal information redacted
112	2020	Air Emission Report Glenside Environmental	1		Part-grant	8(a)(i)	Personal information redacted

113	2020	Letter from Murray Bros to Cork County Council	1	Part-grant	8(a)(i)	Personal information redacted
114	2021	Letter to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
115	2021	Report Ref. AL010	2	Part-grant	8(a)(i)	Personal information redacted
116	2021	Air Emission Report Glenside Environmental	2	Part-grant	8(a)(i)	Personal information redacted
117	2021	Report Ref. AM007	2	Part-grant	8(a)(i)	Personal information redacted
118	2021	Report Ref. AM007P	2	Grant		
119	2021	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
120	2022	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
121	2022	Report Ref. AN009	2	Part-grant	8(a)(i)	Personal information redacted
122	2022	Report Ref. AN009P	2	Grant		
123	2022	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
124	2022	Report Re AO007	2	Part-grant	8(a)(i)	Personal information redacted
125	2022	Report Re AO007P	2	Grant		
126	2022	Air Emission Report Glenside Environmental	1	Part-grant	8(a)(i)	Personal information redacted
127	2022	Air Emission Report Glenside Environmental	1	Part-grant	8(a)(i)	Personal information redacted
128	2022	Letter from Murray Bros to Cork County	1	Part-grant	8(a)(i)	Personal information redacted
129	2023	Letter to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
130	2023	Report Ref. AP008	2	Part-grant	8(a)(i)	Personal information redacted
131	2023	Report Ref. AP008	2	Grant		
132	2023	Letter to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
133	2023	Report Ref. AP016	2	Part-grant	8(a)(i)	Personal information redacted
134	2023	Report Ref. AP016P	2	Grant		
135	2024	Report Ref. AR004	2	Part-grant	8(a)(i)	Personal information redacted
136	2024	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
137	2024	Report Ref. AR004P	2	Grant		
138	2024	Air Emission Report Glenside Environmental	2	Part-grant	8(a)(i)	Personal information redacted
139	2024	Letter to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
140	2024	Report Ref. AR025	2	Part-grant	8(a)(i)	Personal information redacted
141	2024	Report Ref. AR025P	2	Grant		
142	2025	Letter to Murray Bros. and Report Ref. AS002	4	Part-grant	8(a)(i)	Personal information redacted
143	2025	Test reports 2025	6	Part-grant	8(a)(i)	Personal information redacted

144	2025	Letter from Murray Bros to Cork County Council	1	Part-grant	8(a)(i)	Personal information redacted
145	2025	Letter to Murray Bros. and Report Ref. AS013	3	Part-grant	8(a)(i)	Personal information redacted
146	2025	Report Ref. AS002P	2	Part-grant	8(a)(i)	Personal information redacted
147	2025	Report Ref. AS013P	2	Part-grant	8(a)(i)	Personal information redacted
148	2026	Letter to Murray Bros	1	Part-grant	8(a)(i)	Personal information redacted
149	2026	Report Ref. AT001	2	Part-grant	8(a)(i)	Personal information redacted
150	2023	Invoice from Cork County Council to Murray Bros	1	Grant		
151	2024	Invoice from Cork County Council to Murray Bros	1	Grant		
152	2025	Invoice from Cork County Council to Murray Bros	1	Grant		
153	2012-2026	Integra payment report 2012 to 2026. Microsoft excel spreadsheet	n/a	Grant		
154	2008	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
155	2008	Letter from Exec Scientist to Clerical Officer	1	Grant		
156	2008	Air Monitoring Report - Wall Environmental	8	Part-grant	8(a)(i)	Personal information redacted
157	2008	Letter to Murray Bros.	1	Part-grant	8(a)(i)	Personal information redacted
158	2006	Letter from Murray Bros to Cork County Council	2	Part-grant	8(a)(i)	Personal information redacted
159	2026	Report Pollution Incidents ref. ENV529740063		Grant		

E4

Air Pollution Act licence A.P. 01/98 (Notification of Decision to Grant, 30 March 1998)

C O R K C O U N T Y C O U N C I L
AIR POLLUTION ACT, 1987

Notification of Decision to Grant a Licence (subject to conditions)

Reference No. A.P. 1/98
In Air
Register

TO/ Murray Bros. Tarmacadam
Ltd,
C/o P.D. Lane Associates,
Church Road,
Greystones,
Co. Wicklow.

In pursuance of the powers conferred on it by the above mentioned Act, Council of the County of Cork has by Order decided to grant a licence to operate a tarmacadam & asphalt manufacturing facility located at Clashnagallagh Wood, Ardcahan, Dunmanway in accordance with the plans and particulars submitted by the applicant on 10th February, 1998 and subject to the Conditions (11 No.) set out in the Schedule 1 attached hereto. The reasons for the imposition of the said conditions are also set out in the Schedule.

If there is no appeal against the said decision, a grant of revised licence in accordance with the decision will be issued after the expiration of the period within which an appeal may be made to An Bord Pleanala (see footnote).

It should be noted that this is a decision to grant a licence which will not take effect until a grant of licence has issued.

ENVIRONMENT SECTION,
COUNTY HALL,
CORK.

Signed on behalf of the said Council


FOR COUNTY SECRETARY

DATED THIS 30th DAY OF MARCH, 1998

NOTE

An Appeal against a decision of a licensing Authority under Section 32 of the Act (Section 33 in the case of a revised licence) may be made to An Bord Pleanala. Any person may appeal at any time within the period of one month beginning on the date of the decision to grant or refuse a licence.

Appeals should be addressed to the SECRETARY, AN BORD PLEANALA, FLOOR 3, IRISH LIFE CENTRE, LOWER ABBEY ST., DUBLIN 1 and will be invalid unless accompanied by a fee of £50.00.

An appeal shall: [a] Be made in writing; [b] State the subject matter of the appeal and [c] State the grounds of appeal.

AIR POLLUTION ACT 1987
Air Emission Licence

Murray Bros. Tarmacadam Ltd
Dunmanway
Co. Cork

INDEX

Notes and Definitions

Condition 1.	Emission Management
Condition 2.	General
Condition 3.	Vents
Condition 4.	Air Dispersion Model
Condition 5.	Sampling points and equipment
Condition 6	Responsible Person
Condition 7	Weather Monitoring
Condition 8	Emission Monitoring
Condition 9	Ambient Monitoring Programme
Condition 10.	Reporting
Condition 11.	Contributions

SCHEDULE

NOTES AND DEFINITIONS:

1. The concentration limits specified in this licence shall be based on gas volume under standard conditions of:- Temperature 273K, Pressure 101.3 Kpa., 3% Oxygen for gas fuels, dry gas.
2. The emission limit values specified in this licence shall be interpreted in the following way:- All 30 min. measurements shall be less than the limit value.
3. Alternative sampling strategies, if shown to be more appropriate may be agreed with the Licensing Authority.

CONDITION 1 - EMISSION MANAGEMENT

1.1 The Licensee shall employ the best available technology not entailing excessive cost in the avoidance, minimisation, and abatement of emissions to atmosphere generated on site.

1.2 The Licensee shall prepare an air emission management programme which shall assess all operations which produce air emissions on site. The review shall consider the use of cleaner technologies and production which could avoid and minimise atmospheric emissions arising from activities on site. The review should also document any such measures which have already been assessed or implemented by the licensee. A report shall be issued to the Licensing Authority detailing the results of this study within six months of the issue of this licence. The report shall address the following issues as a minimum requirement:

- a) Process modifications and control of the atmospheric emissions.
- b) Control of fugitive emissions.

Following the completion of this report, the licensee shall establish targets for the reduction of the material losses and a programme to implement these targets with an agreed time period shall be submitted to the Licensing Authority. An annual summary report on progress in achieving these targets shall be submitted to the Licensing Authority in conjunction with the annual report summarising monitoring returns outlined in Condition 10 hereunder.

1.3 Comprehensive written operating instructions and procedures shall be prepared in respect of emission control and abatement systems to assist personnel with responsibilities for the operations of such systems and plant equipment. These procedures and training records shall be made available to the Licensing Authority within three months of the date of issue of licence.

1.4 Employees with responsibilities in the emission control and abatement area shall receive training adequate to enable them to execute their tasks in relation to emission management.

1.5 The Licensee shall put in place a programme to ensure that members of the public can obtain information concerning the atmospheric emissions of the licensee. The programme shall be agreed with the Licensing Authority within three months of the date of issue of this licence.

1.6 Within three months of the date of issue of this licence, the licensee shall submit a report identifying items of plant equipment critical to the control of atmospheric emissions. A maintenance programme covering these items shall be put in place and the records relating to the programme shall be submitted to the Licensing Authority.

1.7 The Licensee shall ensure that all operations on site are carried out in such a manner which ensures that no odour nuisance, attributable to site operations, occurs beyond the site boundary.

Reason:-

To make provision for the management of atmospheric emissions and to ensure that the best available technology not entailing excessive costs is applied to the activity.

CONDITION 2 - GENERAL

Emissions to the atmosphere shall take place only as specified in the application A.P 1//98 as modified and /or extended by this licence and subject to the requirements of law. Any proposed changes in the Licensee's products of manufacture, environmental protection standards, or in any of the processing systems proposed from those submitted in support of the licence application, whether these changes are in respect of the raw materials used, intermediates or finished products or in the process plant itself or of its pollution abatement systems, shall be notified in advance to the Licensing Authority. The Licensing Authority shall interpret whether any change is material or not. In the case of any material change, the Licensee shall request a review of the licence prior to any such change being made.

Reason:-

to ensure proper control of emissions.

CONDITION 3 -

3.1 Tarmacadam Plant Vent No 1.

Emissions from the tarmacadam plant shall not exceed the following limits:-

Sulphur Dioxide (as SO ₂)	500 mg/m ³
NO _x (as NO ₂)	450 mg/m ³
Carbon Monoxide (CO)	850 mg/m ³
Dust	50 mg/m ³

The Licensee shall minimise emissions of NOx by using low NOx combustion equipment to the greatest extent practicable.

The concentration of Sulphur Dioxide (as SO₂) discharged to the atmosphere from all emission points shall be calculated once per week from the volume of fuel burnt and the measured sulphur content of the fuel. A certificate stating % sulphur content of the fuel shall be submitted in accordance with condition 10 of this licence.

Notwithstanding the above this plant shall operate giving a smoke colour less than or equal to shade No. 1 on the Ringelmann chart except during periods of start up.

Reason:-

To ensure proper control of emissions and to protect the amenities of the area.

CONDITION 4 - AIR DISPERSION MODEL

An air dispersion model on emissions from the Tarmacadam plant shall be carried out within 6 months from the date of commencement of operations on site. The details of this study are to be agreed with the Licensing Authority.

CONDITION 5 - EMISSION LOCATIONS, SAMPLING POINTS & EQUIPMENT

The licensee shall install on all emission points such sampling points or equipment as may be required by the Licensing Authority. All such equipment shall be consistent with the safe operation of the system. Safe access to all such equipment shall be provided by the Licensee to the satisfaction of the Licensing Authority.

Reason:-

To provide for adequate monitoring and to protect the amenities of the area.

CONDITION 6 - RESPONSIBLE PERSON

The Licensee shall ensure that a responsible and suitably qualified person is available on the site at all times during which emissions to the air are occurring. A designated member of the Licensee's staff shall interface with the Licensing authority or member of the public in the event of complaints or queries in relation to environmental emissions.

Reason:-

To ensure that emissions from the site can be monitored or investigated by authorised personnel.

CONDITION 7 - WEATHER MONITORING

The Licensee shall operate a weather monitoring station on the site at an agreed location, on the request of the Licensing Authority. This station shall record conditions of temperature, wind speed and wind direction. All records from this station shall be submitted as required by the Licensing Authority. The format of this information and any additional information relating to weather conditions shall be as specified by the Licensing Authority. The Licensing Authority may require the Licensee to record additional information relating to the weather conditions or to alter the format of presentation of such records.

The Licensee shall erect a wind sock in a prominent location agreed with the Licensing Authority and visible from the public road from the date of issue of this licence.

Satisfactory alternative arrangements may be agreed with the Licensing Authority.

Reason:-

To ensure the availability of adequate weather data.

CONDITION 8 - MONITORING

The Licensee shall have carried out at his own expense, the following level of monitoring:-

Vents, 1, shall be monitored quarterly for the relevant parameters specified in condition 3 above at a time when maximum emissions discharge to atmosphere is occurring. Alternatively, continuous monitors for the relevant parameters may be installed on these emission points by the licensee. The monitoring shall be initiated from the date of issue of this licence. The frequency of monitoring required shall be reviewed by the Licensing Authority after one year. Sampling and analytical methods shall be agreed with the Licensing Authority. These methods shall be reviewed during the period of this licence and shall be demonstrated to be equivalent to standard methods agreed with the Licensing Authority. Monitoring of emissions shall be carried out during periods of maximum emissions.

A monitor (with data logger) for the continuous measurement of dust levels from the tarmacadam plant shall be fitted. The monitor shall be functioning at all times (except during maintenance and calibration) when the activity is in operation, unless alternative sampling or monitoring has been approved in writing by the Licensing Authority for a limited time period. In the event of the malfunction of the continuous monitor, the licensee shall contact the Licensing Authority as soon as practicable, and alternative sampling and monitoring facilities shall be put in place. Approval for the use of alternative equipment, other than in emergency situations, shall be obtained from the Licensing Authority in writing.

Reason:-

To provide for adequate monitoring.

CONDITION 9 - AMBIENT AIR MONITORING

All site operations shall be carried out in such a manner as to ensure that no odour or dust nuisance occurs off-site.

Air quality standard for carbon monoxide

The air quality guideline standard for carbon monoxide of ten parts per million (ppm) for eight hour period (World Health Organisation) shall not be breached at the site boundary.

Air quality standards for sulphur dioxide and nitrogen dioxide

The air quality emission standard S.I. 244 of 1987 shall not be breached at the site boundary.

Deposited dust

Soiling levels of ambient dust arising out of activities on site shall be such that the soiling level of standardised sticky pads shall not exceed 3% effective area coverage / day at the site boundaries. Monitoring shall be performed on a seven day average basis or as otherwise directed by the Licensing Authority. A control site plus two sampling locations shall be agreed with the Licensing Authority. No spot sample shall exceed 5 % EAC.

The implementation of this programme shall be agreed with the Licensing Authority.

Reason:- To protect the amenities of the area and to protect human and animal health.

CONDITION 10 - REPORTING

10.1 All results of monitoring required by this licence shall be submitted to the Licensing Authority during the first 10 days of each calendar month, or quarterly as specified by the Licensing Authority relating to records from the previous month. The Licensing Authority may require additional parameters or a higher frequency of monitoring under this condition.

The format for presentation of the results shall be agreed with the Licensing Authority. Alternative reporting arrangements may be agreed with the Licensing Authority.

10.2 The Licensee shall keep records of all monitoring carried out and shall retain such records for a minimum period of ten years. These records shall be available for inspection by authorised personnel representing any statutory body involved in air pollution control at all reasonable times. Any non-compliance with the terms of the licence shall be high-lighted and the reason why this occurred shall also be outlined.

10.3 Before January 15th of each calendar year, the Licensee shall submit a summary report of all monitoring carried out in the previous year. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. The report shall also outline the intentions of the Licensee with regard to the upgrading of treatment methods or operations should these results not fully comply with the terms of this licence. All monthly and annual reports shall be certified accurate and representative by the Licensee's Plant Manager or other senior officer designated by him.

10.4 The Licensee shall record all complaints received relating to site operations. The record shall contain the name of the complainant, nature, time and date and a summary of the company's investigation and response. These complaints shall be submitted to the Licensing Authority along with monitoring data as per condition 10 of this licence.

10.5 Provision shall be made for the transfer of atmospheric monitoring data and related information to the Licensing Authority's computer system, on request.

Reason:-

To ensure the availability of monitoring data.

CONDITION 11 - CONTRIBUTIONS

The Licensee shall pay to the Licensing Authority such annual contributions towards the cost of monitoring the emissions as the Licensing Authority considers necessary for the performance of its duties under this Act. Not later than 30 September 1998, the Licensee shall pay to the Licensing Authority a minimum contribution of £ 2,000 pounds and in subsequent years shall pay a minimum amount of £ 2,000 pounds updated in accordance with the Consumer Price Index from the date of grant of the licence to the value pertaining at the time of each annual contribution. The Licensing Authority however reserves the right to alter the rate of contribution each year in order to take account of the actual cost of monitoring as incurred by it in the previous year and as estimated for the next year.

Reason: -

To ensure the proper financing of adequate independent monitoring.

E5

AIE records 1 and 3: sticky-pad dust monitoring reports, 2001 and 2002

REPORT REF.: L029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork



Sheet 1 Of 4

Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.

Report Issued To: Public File,
Floor 9,
County Hall
Cork.

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC / DAY
Site 1 (Left of Entrance)	23.5.01- 31.5.01	A379L	Standardised Sticky Pad	0.3	3.0
	31.5.01- 19.6.01	A416L	Standardised Sticky Pad	0.8	3.0
	19.6.01- 3.7.01	A451L	Standardised Sticky Pad	0.3	3.0
	26.9.01- 10.10.01	A660L	Standardised Sticky Pad	0.1	3.0

REPORT REF.: L029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork.



Sheet 2 Of 4

Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.

Report Issued To: Public File,
Floor 9,
County Hall,
Cork.,

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC /DAY
Site 2 (Right of Entrance)	23.5.01-31.5.01	A380L	Standardised Sticky Pad	0.6	3.0
	31.5.01-19.6.01	A417L	Standardised Sticky Pad	0.2	3.0
	19.6.01-3.7.01	A452L	Standardised Sticky Pad	0.5	3.0

REPORT REF.: L029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,



Inniscarra, County Cork.

Sheet 3 Of 4

**Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.**

**Report Issued To: Public File,
Floor 9,
County Hall,
Cork.**

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC / DAY
Site 3 (Entrance laneway to plant)	23.5.01- 31.5.01	A381L	Standardised Sticky Pad	1.2	3.0
	31.5.01- 19.6.01	A418L	Standardised Sticky Pad	0.8	3.0
	19.6.01- 3.7.01	A453L	Standardised Sticky Pad	1.4	3.0
	26.9.01- 10.10.01	A659L	Standardised Sticky Pad	0.2	3.0

REPORT REF.: L029P

**CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,**



**Inniscarra Waterworks,
Inniscarra, County Cork.**

Sheet 4 Of 4

**Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.**

**Report Issued To: Public File,
Floor 9,
County Hall,
Cork.**

Remarks: _____ * EAC - Effective Area Coverage

This report relates only to the samples listed above

This report shall not be reproduced except in full and only with the approval of the testing laboratory.

SIGNED: _____

DATE: _____

APPROVED: _____
Dr. Mary Stack, Executive Chemist

DATE: _____

REPORT REF.: M029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork



Sheet 1 Of 4 Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.

Report Issued To: Public File,
Floor 9,
County Hall
Cork.

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC / DAY
Site 1 (Left of Entrance)	24.6.02- 5.7.02	A400M	Standardised Sticky Pad	0.34	3.0
	5.7.02- 16.7.02	A450M	Standardised Sticky Pad	0.44	3.0
	16.7.02- 25.7.02	A466M	Standardised Sticky Pad	0.72	3.0
	25.7.02- 31.7.02	A495M	Standardised Sticky Pad	0.27	3.0

REPORT REF.: M029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork.



Sheet 2 Of 4

Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.

Report Issued To: Public File,
Floor 9,
County Hall,
Cork.,

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC / DAY
Site 2 (Right of Entrance)	24.6.02- 5.7.02	A401M	Standardised Sticky Pad	0.74	3.0
	5.7.02- 16.7.02	A451M	Standardised Sticky Pad	0.47	3.0
	16.7.02- 25.7.02	A467M	Standardised Sticky Pad	1.41	3.0
	25.7.02- 31.7.02	A496M	Standardised Sticky Pad	1.0	3.0

REPORT REF.: M029P

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,



Inniscarra, County Cork.

Sheet 3 Of 4

**Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.**

**Report Issued To: Public File,
Floor 9,
County Hall,
Cork.**

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	% EAC / DAY	LICENCE LIMITS % EAC / DAY
Site 3 (Entrance laneway to plant)	24.6.02- 5.7.02	A402M	Standardised Sticky Pad	1.5	3.0
	5.7.02- 16.7.02	A452M	Standardised Sticky Pad	1.48	3.0
	16.7.02- 25.7.02	A468M	Standardised Sticky Pad	3.63	3.0
	25.7.02- 31.7.02	A497M	Standardised Sticky Pad	3.9	3.0

REPORT REF.: M029P

**CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,**



**Inniscarra Waterworks,
Inniscarra, County Cork.**

Sheet 4 Of 4

**Dust Monitoring - Murray Bros.,
Ardcahan,
Dunmanway,
County Cork.**

**Report Issued To: Public File,
Floor 9,
County Hall,
Cork.**

Remarks: _____ * EAC - Effective Area Coverage

This report relates only to the samples listed above

This report shall not be reproduced except in full and only with the approval of the testing laboratory.

SIGNED: _____

DATE: _____

APPROVED: _____
Maureen Cherry, Executive Scientist

DATE: _____

E6

AIE record 18: report P041, PM10 survey, February 2004 (Council file name
"Record 18 P050")

REPORT REF.: P041

CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork



Sheet 1 Of 2

Dust Monitoring - Murray Bros,
Dunmanway,
County Cork,

Report Issued To: DR. Mary Stack ,
Senior Executive Scientist,
Inniscarra Waterworks,
Co. Cork.

RESULTS SHEET

SAMPLE LOCATION	SAMPLE DATE	SAMPLE LAB. CODE. NO.	METHOD REF.	Results ug/m3	Ambient Limit (S.I 271 of 2002) ug/m3
Tarmacadam Plant	27/02/04 10.40-11.10	A145P	Dustscan scout PM10	Min 0 Max 62 Ave 9	50 50 50

REPORT REF.: P041

**CORK COUNTY COUNCIL
Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork.**



Sheet 2 Of 2

**Dust Monitoring : Murray Bros,
Dunmanway,
County Cork,**

**Report Issued To: DR. Mary Stack,
Senior Executive Scientist,
Inniscarra Waterworks
Co. Cork.**

Remarks: _____ PM10 monitored by use of dustscan scout

Max of 62ug/M3 at 11.16.13 a.m breach of 50ug/M3 Limit from 11.16.13 a.m to 11.17.13 a.m

This report relates only to the samples listed above

This report shall not be reproduced except in full and only with the approval of the testing laboratory.

SIGNED: _____

DATE: _____

APPROVED: _____
Maureen Cherry, Executive Scientist.

DATE: _____

E7

AIE records 44 to 50: DustScan instrument data files, survey of 27 February 2004
(first page of each file; full files available on request)

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYBE1	1	1	2/27/2004	10:42:51	0:00:02	0	0	0	10:42:51	0	0:00:00
MURAYBE1	1	2	2/27/2004	10:42:53	0:00:02	0	0	0	10:42:52	0	0:00:00
MURAYBE1	1	3	2/27/2004	10:42:55	0:00:02	0	0	0	10:42:54	0	0:00:00
MURAYBE1	1	4	2/27/2004	10:42:57	0:00:02	0	0	0	10:42:56	0	0:00:00
MURAYBE1	1	5	2/27/2004	10:42:59	0:00:02	0	0	0	10:42:58	0	0:00:00
MURAYBE1	1	6	2/27/2004	10:43:01	0:00:02	0	0	0	10:43:00	0	0:00:00
MURAYBE1	1	7	2/27/2004	10:43:03	0:00:02	0	0	0	10:43:02	0	0:00:00
MURAYBE1	1	8	2/27/2004	10:43:05	0:00:02	0	0	0	10:43:04	0	0:00:00
MURAYBE1	1	9	2/27/2004	10:43:07	0:00:02	0	0	0	10:43:06	0	0:00:00
MURAYBE1	1	10	2/27/2004	10:43:09	0:00:02	0	0	0	10:43:08	0	0:00:00
MURAYBE1	1	11	2/27/2004	10:43:11	0:00:02	0	0	0	10:43:10	0	0:00:00
MURAYBE1	1	12	2/27/2004	10:43:13	0:00:02	0	0	0	10:43:12	0	0:00:00
MURAYBE1	1	13	2/27/2004	10:43:15	0:00:02	0	0	0	10:43:14	0	0:00:00
MURAYBE1	1	14	2/27/2004	10:43:17	0:00:02	0	0	0	10:43:16	0	0:00:00
MURAYBE1	1	15	2/27/2004	10:43:19	0:00:02	0	0	0	10:43:18	0	0:00:00
MURAYBE1	1	16	2/27/2004	10:43:21	0:00:02	0	0	0	10:43:20	0	0:00:00
MURAYBE1	1	17	2/27/2004	10:43:23	0:00:02	0	0	0	10:43:22	0	0:00:00
MURAYBE1	1	18	2/27/2004	10:43:25	0:00:02	0	0	0	10:43:24	0	0:00:00
MURAYBE1	1	19	2/27/2004	10:43:27	0:00:02	0	0	0	10:43:26	0	0:00:00
MURAYBE1	1	20	2/27/2004	10:43:29	0:00:02	0	0	0	10:43:28	0	0:00:00
MURAYBE1	1	21	2/27/2004	10:43:31	0:00:02	0	0	0	10:43:30	0	0:00:00
MURAYBE1	1	22	2/27/2004	10:43:33	0:00:02	0	0	0	10:43:32	0	0:00:00
MURAYBE1	1	23	2/27/2004	10:43:35	0:00:02	0	0	0	10:43:34	0	0:00:00
MURAYBE1	1	24	2/27/2004	10:43:37	0:00:02	0	0	0	10:43:36	0	0:00:00
MURAYBE1	1	25	2/27/2004	10:43:39	0:00:02	0	0	0	10:43:38	0	0:00:00
MURAYBE1	1	26	2/27/2004	10:43:41	0:00:02	0	0	0	10:43:40	0	0:00:00
MURAYBE1	1	27	2/27/2004	10:43:43	0:00:02	0	0	0	10:43:42	0	0:00:00
MURAYBE1	1	28	2/27/2004	10:43:45	0:00:02	0	0	0	10:43:44	0	0:00:00
MURAYBE1	1	29	2/27/2004	10:43:47	0:00:02	0	0	0	10:43:46	0	0:00:00
MURAYBE1	1	30	2/27/2004	10:43:49	0:00:02	0	0	0	10:43:48	0	0:00:00
MURAYBE1	1	31	2/27/2004	10:43:51	0:00:02	0	0	0	10:43:50	0	0:00:00
MURAYBE1	1	32	2/27/2004	10:43:53	0:00:02	0	0	0	10:43:52	0	0:00:00

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURRAYBE	2	1	2/27/2004	13:05:34	0:00:02	0	0	0	13:05:34	0	0:00:00
MURRAYBE	2	2	2/27/2004	13:05:36	0:00:02	0	0	0	13:05:35	0	0:00:00
MURRAYBE	2	3	2/27/2004	13:05:38	0:00:02	0	0	0	13:05:37	0	0:00:00
MURRAYBE	2	4	2/27/2004	13:05:40	0:00:02	0	0	0	13:05:39	0	0:00:00
MURRAYBE	2	5	2/27/2004	13:05:42	0:00:02	0	0	0	13:05:41	0	0:00:00
MURRAYBE	2	6	2/27/2004	13:05:44	0:00:02	0	0	0	13:05:43	0	0:00:00
MURRAYBE	2	7	2/27/2004	13:05:46	0:00:02	0	0	0	13:05:45	0	0:00:00
MURRAYBE	2	8	2/27/2004	13:05:48	0:00:02	0	0	0	13:05:47	0	0:00:00
MURRAYBE	2	9	2/27/2004	13:05:50	0:00:02	0	0	0	13:05:49	0	0:00:00
MURRAYBE	2	10	2/27/2004	13:05:52	0:00:02	0	0	0	13:05:51	0	0:00:00
MURRAYBE	2	11	2/27/2004	13:05:54	0:00:02	0	0	0	13:05:53	0	0:00:00
MURRAYBE	2	12	2/27/2004	13:05:56	0:00:02	0	0	0	13:05:55	0	0:00:00
MURRAYBE	2	13	2/27/2004	13:05:58	0:00:02	0	0	0	13:05:57	0	0:00:00
MURRAYBE	2	14	2/27/2004	13:06:00	0:00:02	0	0	0	13:05:59	0	0:00:00
MURRAYBE	2	15	2/27/2004	13:06:02	0:00:02	0	0	0	13:06:01	0	0:00:00
MURRAYBE	2	16	2/27/2004	13:06:04	0:00:02	0	0	0	13:06:03	0	0:00:00
MURRAYBE	2	17	2/27/2004	13:06:06	0:00:02	0	0	0	13:06:05	0	0:00:00
MURRAYBE	2	18	2/27/2004	13:06:08	0:00:02	0	0	0	13:06:07	0	0:00:00
MURRAYBE	2	19	2/27/2004	13:06:10	0:00:02	0	0	0	13:06:09	0	0:00:00
MURRAYBE	2	20	2/27/2004	13:06:12	0:00:02	0	0	0	13:06:11	0	0:00:00
MURRAYBE	2	21	2/27/2004	13:06:14	0:00:02	0	0	0	13:06:13	0	0:00:00
MURRAYBE	2	22	2/27/2004	13:06:16	0:00:02	0	0	0	13:06:15	0	0:00:00
MURRAYBE	2	23	2/27/2004	13:06:18	0:00:02	0	0	0	13:06:17	0	0:00:00
MURRAYBE	2	24	2/27/2004	13:06:20	0:00:02	0	0	0	13:06:19	0	0:00:00
MURRAYBE	2	25	2/27/2004	13:06:22	0:00:02	0	0	0	13:06:21	0	0:00:00
MURRAYBE	2	26	2/27/2004	13:06:24	0:00:02	0	0	0	13:06:23	0	0:00:00
MURRAYBE	2	27	2/27/2004	13:06:26	0:00:02	0	0	0	13:06:25	0	0:00:00
MURRAYBE	2	28	2/27/2004	13:06:28	0:00:02	0	0	0	13:06:27	0	0:00:00
MURRAYBE	2	29	2/27/2004	13:06:30	0:00:02	0	0	0	13:06:29	0	0:00:00
MURRAYBE	2	30	2/27/2004	13:06:32	0:00:02	0	0	0	13:06:31	0	0:00:00

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYBNE	1	1	2/27/2004	10:00:56	0:00:02	0	0	0	10:00:56	0	0:00:00
MURAYBNE	1	2	2/27/2004	10:00:58	0:00:02	0	0	0	10:00:57	0	0:00:00
MURAYBNE	1	3	2/27/2004	10:01:00	0:00:02	0	0	0	10:00:59	0	0:00:00
MURAYBNE	1	4	2/27/2004	10:01:02	0:00:02	0	0	0	10:01:01	0	0:00:00
MURAYBNE	1	5	2/27/2004	10:01:04	0:00:02	0	0	0	10:01:03	0	0:00:00
MURAYBNE	1	6	2/27/2004	10:01:06	0:00:02	0	0	0	10:01:05	0	0:00:00
MURAYBNE	1	7	2/27/2004	10:01:08	0:00:02	0	0	0	10:01:07	0	0:00:00
MURAYBNE	1	8	2/27/2004	10:01:10	0:00:02	0	0	0	10:01:09	0	0:00:00
MURAYBNE	1	9	2/27/2004	10:01:12	0:00:02	0	0	0	10:01:11	0	0:00:00
MURAYBNE	1	10	2/27/2004	10:01:14	0:00:02	0	0	0	10:01:13	0	0:00:00
MURAYBNE	1	11	2/27/2004	10:01:16	0:00:02	0	0	0	10:01:15	0	0:00:00
MURAYBNE	1	12	2/27/2004	10:01:18	0:00:02	0	0	0	10:01:17	0	0:00:00
MURAYBNE	1	13	2/27/2004	10:01:20	0:00:02	0	0	0	10:01:19	0	0:00:00
MURAYBNE	1	14	2/27/2004	10:01:22	0:00:02	0	0	0	10:01:21	0	0:00:00
MURAYBNE	1	15	2/27/2004	10:01:24	0:00:02	0	0	0	10:01:23	0	0:00:00
MURAYBNE	1	16	2/27/2004	10:01:26	0:00:02	0	0	0	10:01:25	0	0:00:00
MURAYBNE	1	17	2/27/2004	10:01:28	0:00:02	0	0	0	10:01:27	0	0:00:00
MURAYBNE	1	18	2/27/2004	10:01:30	0:00:02	0	0	0	10:01:29	0	0:00:00
MURAYBNE	1	19	2/27/2004	10:01:32	0:00:02	0	0	0	10:01:31	0	0:00:00
MURAYBNE	1	20	2/27/2004	10:01:34	0:00:02	0	0	0	10:01:33	0	0:00:00
MURAYBNE	1	21	2/27/2004	10:01:36	0:00:02	0	0	0	10:01:35	0	0:00:00
MURAYBNE	1	22	2/27/2004	10:01:38	0:00:02	0	0	0	10:01:37	0	0:00:00
MURAYBNE	1	23	2/27/2004	10:01:40	0:00:02	0	0	0	10:01:39	0	0:00:00
MURAYBNE	1	24	2/27/2004	10:01:42	0:00:02	0	0	0	10:01:41	0	0:00:00
MURAYBNE	1	25	2/27/2004	10:01:44	0:00:02	0	0	0	10:01:43	0	0:00:00
MURAYBNE	1	26	2/27/2004	10:01:46	0:00:02	0	0	0	10:01:45	0	0:00:00
MURAYBNE	1	27	2/27/2004	10:01:48	0:00:02	0	0	0	10:01:47	0	0:00:00
MURAYBNE	1	28	2/27/2004	10:01:50	0:00:02	0	0	0	10:01:49	0	0:00:00
MURAYBNE	1	29	2/27/2004	10:01:52	0:00:02	0	0	0	10:01:51	0	0:00:00
MURAYBNE	1	30	2/27/2004	10:01:54	0:00:02	0	0	0	10:01:53	0	0:00:00

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYNW1	1	1	2/27/2004	11:58:46	0:00:02	0	0	0	11:58:46	0	0:00:00
MURAYNW1	1	2	2/27/2004	11:58:48	0:00:02	0	0	0	11:58:47	0	0:00:00
MURAYNW1	1	3	2/27/2004	11:58:50	0:00:02	0	0	0	11:58:49	0	0:00:00
MURAYNW1	1	4	2/27/2004	11:58:52	0:00:02	0	0	0	11:58:51	0	0:00:00
MURAYNW1	1	5	2/27/2004	11:58:54	0:00:02	0	0	0	11:58:53	0	0:00:00
MURAYNW1	1	6	2/27/2004	11:58:56	0:00:02	0	0	0	11:58:55	0	0:00:00
MURAYNW1	1	7	2/27/2004	11:58:58	0:00:02	0	0	0	11:58:57	0	0:00:00
MURAYNW1	1	8	2/27/2004	11:59:00	0:00:02	0	0	0	11:58:59	0	0:00:00
MURAYNW1	1	9	2/27/2004	11:59:02	0:00:02	0	0	0	11:59:01	0	0:00:00
MURAYNW1	1	10	2/27/2004	11:59:04	0:00:02	0	0	0	11:59:03	0	0:00:00
MURAYNW1	1	11	2/27/2004	11:59:06	0:00:02	0	0	0	11:59:05	0	0:00:00
MURAYNW1	1	12	2/27/2004	11:59:08	0:00:02	0	0	0	11:59:07	0	0:00:00
MURAYNW1	1	13	2/27/2004	11:59:10	0:00:02	0	0	0	11:59:09	0	0:00:00
MURAYNW1	1	14	2/27/2004	11:59:12	0:00:02	0	0	0	11:59:11	0	0:00:00
MURAYNW1	1	15	2/27/2004	11:59:14	0:00:02	0	0	0	11:59:13	0	0:00:00
MURAYNW1	1	16	2/27/2004	11:59:16	0:00:02	0	0	0	11:59:15	0	0:00:00
MURAYNW1	1	17	2/27/2004	11:59:18	0:00:02	0	0	0	11:59:17	0	0:00:00
MURAYNW1	1	18	2/27/2004	11:59:20	0:00:02	0	0	0	11:59:19	0	0:00:00
MURAYNW1	1	19	2/27/2004	11:59:22	0:00:02	0	0	0	11:59:21	0	0:00:00
MURAYNW1	1	20	2/27/2004	11:59:24	0:00:02	0	0	0	11:59:23	0	0:00:00
MURAYNW1	1	21	2/27/2004	11:59:26	0:00:02	0	0	0	11:59:25	0	0:00:00
MURAYNW1	1	22	2/27/2004	11:59:28	0:00:02	0	0	0	11:59:27	0	0:00:00
MURAYNW1	1	23	2/27/2004	11:59:30	0:00:02	0	0	0	11:59:29	0	0:00:00
MURAYNW1	1	24	2/27/2004	11:59:32	0:00:02	0	0	0	11:59:31	0	0:00:00
MURAYNW1	1	25	2/27/2004	11:59:34	0:00:02	0	0	0	11:59:33	0	0:00:00
MURAYNW1	1	26	2/27/2004	11:59:36	0:00:02	0	0	0	11:59:35	0	0:00:00
MURAYNW1	1	27	2/27/2004	11:59:38	0:00:02	0	0	0	11:59:37	0	0:00:00
MURAYNW1	1	28	2/27/2004	11:59:40	0:00:02	0	0	0	11:59:39	0	0:00:00
MURAYNW1	1	29	2/27/2004	11:59:42	0:00:02	0	0	0	11:59:41	0	0:00:00
MURAYNW1	1	30	2/27/2004	11:59:44	0:00:02	0	0	0	11:59:43	0	0:00:00

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYBSW	1	1	2/27/2004	12:31:22	0:00:02	0	0	0	12:31:22	0	0:00:00
MURAYBSW	1	2	2/27/2004	12:31:24	0:00:02	0	0	0	12:31:23	0	0:00:00
MURAYBSW	1	3	2/27/2004	12:31:26	0:00:02	0	0	0	12:31:25	0	0:00:00
MURAYBSW	1	4	2/27/2004	12:31:28	0:00:02	0	0	0	12:31:27	0	0:00:00
MURAYBSW	1	5	2/27/2004	12:31:30	0:00:02	0	0	0	12:31:29	0	0:00:00
MURAYBSW	1	6	2/27/2004	12:31:32	0:00:02	0	0	0	12:31:31	0	0:00:00
MURAYBSW	1	7	2/27/2004	12:31:34	0:00:02	0	0	0	12:31:33	0	0:00:00
MURAYBSW	1	8	2/27/2004	12:31:36	0:00:02	0	0	0	12:31:35	0	0:00:00
MURAYBSW	1	9	2/27/2004	12:31:38	0:00:02	0	0	0	12:31:37	0	0:00:00
MURAYBSW	1	10	2/27/2004	12:31:40	0:00:02	0	0	0	12:31:39	0	0:00:00
MURAYBSW	1	11	2/27/2004	12:31:42	0:00:02	0	0	0	12:31:41	0	0:00:00
MURAYBSW	1	12	2/27/2004	12:31:44	0:00:02	0	0	0	12:31:43	0	0:00:00
MURAYBSW	1	13	2/27/2004	12:31:46	0:00:02	0	0	0	12:31:45	0	0:00:00
MURAYBSW	1	14	2/27/2004	12:31:48	0:00:02	0	0	0	12:31:47	0	0:00:00
MURAYBSW	1	15	2/27/2004	12:31:50	0:00:02	0	0	0	12:31:49	0	0:00:00
MURAYBSW	1	16	2/27/2004	12:31:52	0:00:02	0	0	0	12:31:51	0	0:00:00
MURAYBSW	1	17	2/27/2004	12:31:54	0:00:02	0	0	0	12:31:53	0	0:00:00
MURAYBSW	1	18	2/27/2004	12:31:56	0:00:02	0	0	0	12:31:55	0	0:00:00
MURAYBSW	1	19	2/27/2004	12:31:58	0:00:02	0	0	0	12:31:57	0	0:00:00
MURAYBSW	1	20	2/27/2004	12:32:00	0:00:02	0	0	0	12:31:59	0	0:00:00
MURAYBSW	1	21	2/27/2004	12:32:02	0:00:02	0	0	0	12:32:01	0	0:00:00
MURAYBSW	1	22	2/27/2004	12:32:04	0:00:02	0	0	0	12:32:03	0	0:00:00
MURAYBSW	1	23	2/27/2004	12:32:06	0:00:02	0	0	0	12:32:05	0	0:00:00
MURAYBSW	1	24	2/27/2004	12:32:08	0:00:02	0	0	0	12:32:07	0	0:00:00
MURAYBSW	1	25	2/27/2004	12:32:10	0:00:02	0	0	0	12:32:09	0	0:00:00
MURAYBSW	1	26	2/27/2004	12:32:12	0:00:02	0	0	0	12:32:11	0	0:00:00
MURAYBSW	1	27	2/27/2004	12:32:14	0:00:02	0	0	0	12:32:13	0	0:00:00
MURAYBSW	1	28	2/27/2004	12:32:16	0:00:02	0	0	0	12:32:15	0	0:00:00
MURAYBSW	1	29	2/27/2004	12:32:18	0:00:02	0	0	0	12:32:17	0	0:00:00
MURAYBSW	1	30	2/27/2004	12:32:20	0:00:02	0	0	0	12:32:19	0	0:00:00

DustScan Scout V01.09

Station 4

Channel K0

Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYBT1	1	1	2/27/2004	11:01:13	0:00:02	0	0	0	11:01:13	0	0:00:00
MURAYBT1	1	2	2/27/2004	11:01:15	0:00:02	0	0	0	11:01:14	0	0:00:00
MURAYBT1	1	3	2/27/2004	11:01:17	0:00:02	0	0	0	11:01:16	0	0:00:00
MURAYBT1	1	4	2/27/2004	11:01:19	0:00:02	0	0	0	11:01:18	0	0:00:00
MURAYBT1	1	5	2/27/2004	11:01:21	0:00:02	0	0	0	11:01:20	0	0:00:00
MURAYBT1	1	6	2/27/2004	11:01:23	0:00:02	0	0	0	11:01:22	0	0:00:00
MURAYBT1	1	7	2/27/2004	11:01:25	0:00:02	0	0	0	11:01:24	0	0:00:00
MURAYBT1	1	8	2/27/2004	11:01:27	0:00:02	0	0	0	11:01:26	0	0:00:00
MURAYBT1	1	9	2/27/2004	11:01:29	0:00:02	0	0	0	11:01:28	0	0:00:00
MURAYBT1	1	10	2/27/2004	11:01:31	0:00:02	0	0	0	11:01:30	0	0:00:00
MURAYBT1	1	11	2/27/2004	11:01:33	0:00:02	0	0	0	11:01:32	0	0:00:00
MURAYBT1	1	12	2/27/2004	11:01:35	0:00:02	0	0	0	11:01:34	0	0:00:00
MURAYBT1	1	13	2/27/2004	11:01:37	0:00:02	0	0	0	11:01:36	0	0:00:00
MURAYBT1	1	14	2/27/2004	11:01:39	0:00:02	0	0	0	11:01:38	0	0:00:00
MURAYBT1	1	15	2/27/2004	11:01:41	0:00:02	0	0	0	11:01:40	0	0:00:00
MURAYBT1	1	16	2/27/2004	11:01:43	0:00:02	0	0	0	11:01:42	0	0:00:00
MURAYBT1	1	17	2/27/2004	11:01:45	0:00:02	0	0	0	11:01:44	0	0:00:00
MURAYBT1	1	18	2/27/2004	11:01:47	0:00:02	0	0	0	11:01:46	0	0:00:00
MURAYBT1	1	19	2/27/2004	11:01:49	0:00:02	0	0	0	11:01:48	0	0:00:00
MURAYBT1	1	20	2/27/2004	11:01:51	0:00:02	0	0	0	11:01:50	0	0:00:00
MURAYBT1	1	21	2/27/2004	11:01:53	0:00:02	0	0	0	11:01:52	0	0:00:00
MURAYBT1	1	22	2/27/2004	11:01:55	0:00:02	0	0	0	11:01:54	0	0:00:00
MURAYBT1	1	23	2/27/2004	11:01:57	0:00:02	0	0	0	11:01:56	0	0:00:00
MURAYBT1	1	24	2/27/2004	11:01:59	0:00:02	0	0	0	11:01:58	0	0:00:00
MURAYBT1	1	25	2/27/2004	11:02:01	0:00:02	0	0	0	11:02:00	0	0:00:00
MURAYBT1	1	26	2/27/2004	11:02:03	0:00:02	0	0	0	11:02:02	0	0:00:00
MURAYBT1	1	27	2/27/2004	11:02:05	0:00:02	0.001	0	0	11:02:04	0.002	11:02:05
MURAYBT1	1	28	2/27/2004	11:02:07	0:00:02	0.003	0	0.003	11:02:06	0.003	11:02:07
MURAYBT1	1	29	2/27/2004	11:02:09	0:00:02	0.003	0	0.002	11:02:09	0.003	11:02:08
MURAYBT1	1	30	2/27/2004	11:02:11	0:00:02	0.001	0	0	11:02:11	0.001	11:02:10

DustScan Scout V01.09

Station 4

Channel K0

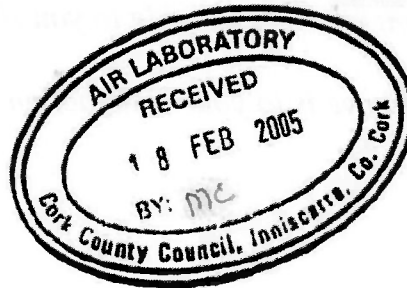
Location ID	Sample ID	Record ID	Date	Time	Duration	Average Conc	STEL	Minimum Conc	Minimum Time	Maximum Conc	Maximum Time
MURAYBT1	1	1	2/27/2004	9:18:01	0:00:02	0	0	0	9:18:01	0	0:00:00
MURAYBT1	1	2	2/27/2004	9:18:03	0:00:02	0	0	0	9:18:02	0	0:00:00
MURAYBT1	1	3	2/27/2004	9:18:05	0:00:02	0.02	0	0	9:18:04	0.041	9:18:05
MURAYBT1	1	4	2/27/2004	9:18:07	0:00:02	0.166	0	0.124	9:18:06	0.209	9:18:07
MURAYBT1	1	5	2/27/2004	9:18:09	0:00:02	0.334	0	0.292	9:18:08	0.375	9:18:09
MURAYBT1	1	6	2/27/2004	9:18:11	0:00:02	0.476	0	0.456	9:18:10	0.495	9:18:11
MURAYBT1	1	7	2/27/2004	9:18:13	0:00:02	0.496	0	0.496	9:18:13	0.496	9:18:12
MURAYBT1	1	8	2/27/2004	9:18:15	0:00:02	0.496	0	0.495	9:18:14	0.497	9:18:15
MURAYBT1	1	9	2/27/2004	9:18:17	0:00:02	0.496	0	0.495	9:18:16	0.497	9:18:17
MURAYBT1	1	10	2/27/2004	9:18:19	0:00:02	0.495	0	0.495	9:18:19	0.496	9:18:18
MURAYBT1	1	11	2/27/2004	9:18:21	0:00:02	0.458	0	0.441	9:18:21	0.476	9:18:20
MURAYBT1	1	12	2/27/2004	9:18:23	0:00:02	0.377	0	0.353	9:18:23	0.401	9:18:22
MURAYBT1	1	13	2/27/2004	9:18:25	0:00:02	0.281	0	0.26	9:18:25	0.303	9:18:24
MURAYBT1	1	14	2/27/2004	9:18:27	0:00:02	0.246	0	0.245	9:18:26	0.248	9:18:27
MURAYBT1	1	15	2/27/2004	9:18:29	0:00:02	0.276	0	0.263	9:18:28	0.288	9:18:29
MURAYBT1	1	16	2/27/2004	9:18:31	0:00:02	0.344	0.322	0.322	9:18:30	0.366	9:18:31
MURAYBT1	1	17	2/27/2004	9:18:33	0:00:02	0.417	0.322	0.401	9:18:32	0.433	9:18:33
MURAYBT1	1	18	2/27/2004	9:18:35	0:00:02	0.469	0.322	0.458	9:18:34	0.479	9:18:35
MURAYBT1	1	19	2/27/2004	9:18:37	0:00:02	0.495	0.322	0.495	9:18:37	0.496	9:18:36
MURAYBT1	1	20	2/27/2004	9:18:39	0:00:02	0.49	0.322	0.49	9:18:38	0.491	9:18:39
MURAYBT1	1	21	2/27/2004	9:18:41	0:00:02	0.491	0.322	0.491	9:18:40	0.491	9:18:41
MURAYBT1	1	22	2/27/2004	9:18:43	0:00:02	0.492	0.322	0.491	9:18:43	0.492	9:18:42
MURAYBT1	1	23	2/27/2004	9:18:45	0:00:02	0.488	0.322	0.479	9:18:45	0.497	9:18:44
MURAYBT1	1	24	2/27/2004	9:18:47	0:00:02	0.424	0.322	0.401	9:18:47	0.446	9:18:46
MURAYBT1	1	25	2/27/2004	9:18:49	0:00:02	0.316	0.322	0.285	9:18:49	0.346	9:18:48
MURAYBT1	1	26	2/27/2004	9:18:51	0:00:02	0.191	0.322	0.163	9:18:51	0.218	9:18:50
MURAYBT1	1	27	2/27/2004	9:18:53	0:00:02	0.11	0.322	0.097	9:18:53	0.122	9:18:52
MURAYBT1	1	28	2/27/2004	9:18:55	0:00:02	0.115	0.322	0.101	9:18:54	0.129	9:18:55
MURAYBT1	1	29	2/27/2004	9:18:57	0:00:02	0.218	0.322	0.182	9:18:56	0.253	9:18:57
MURAYBT1	1	30	2/27/2004	9:18:59	0:00:02	0.363	0.322	0.328	9:18:58	0.398	9:18:59

E8

AIE record 57: licensee's letter of 15 February 2005

Murray Bros. (Tarmacadam) Ltd.

Tarmacadam Manufacturers Dunmanway



Co. Cork
Phone 023-45204
Fax 023-55160

15th Feb, 2005

*Cork County Council,
Environment Department,
Inniscarra Laboratories,
Inniscarra,
Co. Cork.*

Attention: Maureen Cherry

Dear Maureen,

In accordance with our air emissions licence the following report is a review of procedures we carried out in 2004 relating to air emission management programmes.

We commissioned Enterprise Ireland to measure emissions for our asphalt plant in June 2004. We forwarded these results shortly afterwards to your department. The results showed we were within our licence limits for particulates Sox, Nox and Co. Your Tony Bird carried out identical tests on 22/02/04, all of his results were less than 1 mg/m³. We carried out two further spot checks using a testo 325-1 gas analysis kit for Co. The average reading was 160. We were also visited by Andrew McDonnell, he carried out a survey of our stream adjacent to our plant. We gave him water analysis of this stream going back a number of years even though we are not obliged to do so under our planning.

We have had no complaints whatsoever from either neighbours or any member of the general public in relation to our operation at Ardcahan for 2004. In relation to implementing targets for emission reduction for 2005, we feel we are already at a fraction of our permissible levels. We will find it difficult to improve

the high standards we operate so our objective for 2005 is to maintain the high standards we operate to.

Please note [REDACTED] e-mailed the dust results a few months ago. He will also e-mail the most recent results available to you shortly.

Hoping the above is to your satisfaction.

Yours Faith fully,



E9

AIE records 71, 72 and 75: Condition 7 correspondence, 2008 to 2010

Public File,
Floor 9,
County Hall,
Cork.

25th April 2008

To Whom It May Concern,

On the 1st of April, June Ford carried out an audit at Murray Brothers Ltd. A letter was written to Murray Brothers Ltd on the 14th April 2008 by Air Laboratory requesting them to inform the Air Laboratory when the weather station will be operating and record temperature.

Yours sincerely,

June Ford, Environmental Technician.

[REDACTED]
Murray Brothers Ltd,

Dunmanway,

Co. Cork.

26th May 2009,

Dear [REDACTED]

Please find enclosed a copy of a test report in relation to monitoring performed by Cork County Council on March 30th 2009.

As discussed on March 30th 2009 in the audit, you are required to have a weather station located on site and a wind sock. Please give me confirmation that you have installed a weather station and a wind sock, and you are recording temperature, wind speed and wind direction within one months of the date of issue of this letter. Failure to carry out the above tasks is breach of your Air Emission licence.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,

June Ford.

Environmental Technician.

██████████
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

14th September 2010,

Dear ██████████

Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited, Dunmanway, Co. Cork.

Please find enclosed a copy of a test report in relation to monitoring performed by Cork County Council on July 23rd 2010.

As discussed on July 23rd 2010 in the audit, please ensure for future audits that the relevant wind data records (i.e. temperature, wind speed and wind direction) are available for inspection.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,

June Ford,
Environmental Officer.
Cork County Council Air Quality Section.

E10

AIE records 76, 77 and 81: test reports recording natural gas, 2011 and 2012

REPORT REF: AW019

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:



Murray Brothers Tarmacadam Ltd.,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m ³	Licence Limits mg/m ³
A013 W	15/07/11	Natural Gas	*Lancom (III)		
		SO ₂		10	500
		NOX		10	450
		CO		290	850

REPORT REF: AW019

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

***¹ Denote a breach in licence limit**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____

Date: _____

June Ford, Environmental Technician.

Approved By: _____

Date: _____

Andrew McDonnell, Executive Scientist.

REPORT REF: AW019P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref	Results mg/m³	Licence Limits mg/m³
A013W	15/07/11	Natural Gas	*Lancom (III)		
		SO ₂		10	500
		NOX		10	450
		CO		290	850

REPORT REF: AW019P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

***1 Denote a breach in licence limit**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____

June Ford, Environmental Technician.

Date: _____

Approved By: _____

Andrew McDonnell, Executive Scientist.

Date: _____

REPORT REF: AY003P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m ³	Licence Limits mg/m ³
A005X	18/05/12	Natural Gas	*Lancom (III)		
		SO ₂		19	500
		NO _X		10	450
		CO		334	850

REPORT REF: AY003P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,
Environmental Department,
Inniscarra,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* **Lancom (III)** _____ **FLUE GAS ANALYSER**

*¹ **Denote a breach in licence limit**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____

June Ford, Environmental Technician.

Date: _____

Approved By: _____

Andrew McDonnell, Executive Scientist.

Date: _____

E11

AIE record 79: Council compliance letter, 19 August 2013

Comhairle Contae Chorcaí Cork County Council

An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Fais: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie
Environmental Directorate,
Inniscarra, Co. Cork.
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie



[Redacted]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

19th August 2013.

Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited, Dunmanway, Co. Cork (Ref: A.P. 1/98)

Dear [Redacted]

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 29th April 2013 and 18th May 2012.

In relation to Air Emission Licence AP1/98, I would appreciate if you would also confirm and submit the following in writing to this Directorate before 30th September 2013.

- 1) Condition 8 A.P. 1/98 states that:
 - ❖ Vent 1 is monitored quarterly at a time when maximum emissions discharge to atmosphere is occurring. In relation to same, please submit outstanding reports to this Directorate for monitoring conducted to date in 2013 as required under Condition 10 A.P. 1/98.
 - ❖ A monitor for the continuous measurement of dust levels from the tarmacadam plant is fitted. In relation to same, please confirm that the monitor is fitted.
- 2) Condition 9 A.P. 1/98 outlines ambient air monitoring required. Please comment and submit details of any ambient monitoring that is carried out as per this condition.
- 3) Condition 3 A.P. 1/98 states that the concentration of sulphur Dioxide discharged to the atmosphere from all emission points is calculated once per week from the volume of fuel burnt and the measured sulphur content of the fuel. In relation to same, please submit the most recent certificate stating % sulphur content of the fuel and thereafter submit with each new batch of fuel.

Comhairle Contae Chorcaí. Cork County Council

An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Faics: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie
Environmental Directorate,
Inniscarra, Co. Cork.
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie



4) Condition 10 A.P. 1/98 outlines reporting requirements.

- ❖ In this regard please submit details of any complaints received /investigations undertaken for the past 12 months. Going forward please submit details of any complaints received/ investigations undertaken on a monthly basis to june.ford@corkcoco.ie.
- ❖ Summary report of all monitoring carried out in the previous year. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. The report shall also outline the intentions of the licensee with regard to the upgrading of treatment methods or operations should these results not fully comply with the terms of this licence. Please submit a summary report for 2012.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,

June Ford,

Environmental Officer.

Cork County Council Air Quality Section.

REPORT REF: AY003

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A005X	18/05/12	Natural Gas	*Lancom (III)		
		SO₂		19	500
		NOX		10	450
		CO		334	850

REPORT REF: AY003

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* Lancom (III) _____ FLUE GAS ANALYSER

*1 Denote a breach in licence limit

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By:

June Ford
June Ford, Environmental Technician.

Date:

19/8/13

Approved By:

Andrew McDonnell

Andrew McDonnell, Executive Scientist.

Date:

19-8-13

E12

AIE records 87, 91, 92, 94, 95 and 108: Condition 8 correspondence, 2015 to 2020

██████████
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

15th June 2015.

Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited, Dunmanway, Co. Cork (Ref: A.P. 1/98)

Dear ██████████

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 04th November 2014 and 16th May 2014.

In relation to Air Emission Licence A.P. 1/98, I would appreciate if you would confirm and submit the following in writing to Mr Andrew McDonnell of this Directorate before 15th July 2015.

- 1) Condition 8 A.P. 1/98 states that Vent 1 is monitored quarterly at a time when maximum emissions discharge to atmosphere is occurring. In relation to this condition and your letter dated 28th August 2013, you informed me that it was agreed with the Council that Murray Bros. would monitor three times a year using their own Testo 325-1 gas analysis kit for CO monitoring. Please submit outstanding reports for monitoring conducted and thereafter as soon as they are available.
- 2) Condition 8 A.P. 1/98 also states that a monitor for the continuous measurement of dust levels from the tarmacadam plant shall be fitted. I noted your correspondence and submission in relation to this matter. Cork County Council reserve the right to request commence of this part of the condition at any time in the future.
- 3) Condition 9 A.P. 1/98 outlines ambient air monitoring required. In the absence of on-line monitor please submit details of any ambient monitoring that is carried out as per this condition.

- 
- 4) Condition 10.4 A.P. 1/98 outlines reporting requirements for complaints. Please submit details of any complaints received /investigations undertaken since your letter dated 28th August 2013. Going forward please submit details of any complaints received/ investigations undertaken on a monthly basis to andrew.mcdonnell@corkcoco.ie.
- 5) Condition 10.3 A.P. 1/98 outlines requirements of the summary report. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. The report shall also outline the intentions of the licensee with regard to the upgrading of treatment methods or operations should these results not fully comply with the terms of this licence. Please submit a summary report for 2014.

If you have any queries, please do not hesitate to Andrew McDonnell at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,

June Ford,
Environmental Officer.
Cork County Council Air Quality Section.

Comhairle Contae Chorcaí Cork County Council

An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Faisc: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie
Environmental Directorate,
Inniscarra, Co. Cork,
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie



[Redacted]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

26th November 2015.

**Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited,
Dunmanway, Co. Cork (Ref: A.P. 1/98)**

Dear [Redacted]

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on
10th August 2015.

In relation to Air Emission Licence A.P. 1/98, I would appreciate if you would confirm and submit the following in writing to this Directorate before 15th January 2016.

- 1) Condition 8 A.P. 1/98 states that Vent 1 is monitored quarterly at a time when maximum emissions discharge to atmosphere is occurring. Cork County Council notes your response in the letter dated the 22nd June 2015, in relation to a letter issued by Cork County Council dated the 15th of June 2015, requesting for outstanding reports to be submitted for CO monitoring using a Testo 325-1 gas analysis kit. In your letter dated the 28th of August 2013 it was stated that the Council agreed that Murray Bros. would monitor three times a year using their own Testo 325-1 gas analysis kit for CO monitoring. Please submit outstanding monitoring reports conducted to date for 2015 and thereafter as soon as they are available for each analysis conducted.
- 2) Condition 7 A.P. 1/98 states; The Licensee shall erect a wind sock in a prominent location agreed with the Licensing Authority and visible from the public road. Cork County Council noted on the day of the inspection dated the 10th of August 2015 that a wind sock is in place but requires to be replaced.

Cork County Council requires the Licensee to replace this immediately and to inform Cork County Council once this action has been carried out.

- 3) Condition 8 A.P. 1/98 also states that a monitor for the continuous measurement of dust levels from the tarmacadam plant shall be fitted. In your letter dated the 22nd of June 2015, it was stated that; "This condition was noted". Please confirm to Cork County Council if a continuous measurement (with data logger) of dust level has been put in place and submit evidence of logged data recordings.
- 4) Condition 9 A.P. 1/98 outlines ambient air monitoring required. In the absence of on-line monitor please submit details of any ambient monitoring that is carried out as per this condition.
- 5) Condition 10.3 A.P. 1/98 outlines reporting requirements of summary report. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. The report shall also outline the intentions of the licensee with regard to the upgrading of treatment methods or operations should these results not fully comply with the terms of this licence. Please ensure that the summary report for 2015 is submitted on or before the 15th of January 2016.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,



Niall Scanlan,
Environmental Officer.
Cork County Council Air Quality Section.

REPORT REF: AA007

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	License Limits mg/m³
A002A	08/10/15	Light Fuel Oil	*Lancom (III)		
		SO ₂		21	500
		NOX		7	450
		CO		253	850

REPORT REF: AA007

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

***1 Denote a breach in licence limit**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Niall Scanlan

Niall Scanlan, Environmental Technician.

Date: 25/11/15

Approved By: Alan Costello

Alan Costello, A/ Executive Scientist.

Date: 25/11/15

REPORT REF: AA007P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,
Environmental Department,
Inniscarra,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A002A	10/08/15	Light Fuel Oil	*Lancom (III)		
		SO2		21	500
		NOX		7	450
		CO		253	850

Comhairle Contae Chorcaí Cork County Council

Environmental Department,
Inniscarra, Co. Cork.
Tel: (021) 4532700 • Fax (021) 4532727
Web: www.corkcoco.ie
An Rannóg Comhshaoil,
Inis Cara, Co. Chorcaí.
Fón: (021) 4532700 • Faics (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie



[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

21st October 2016.

**Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited,
Dunmanway, Co. Cork (Ref: A.P. 1/98)**

Dear [REDACTED]

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 13th June and 19th of October 2016.

In relation to Air Emission Licence A.P. 1/98, I would appreciate if you would confirm and submit the following in writing to this Directorate before 24th November 2016.

- 1) Condition 8 A.P. 1/98 states that Vent 1 is monitored quarterly for the relevant parameters specified in Condition 3 at a time when maximum emissions discharge to atmosphere is occurring. Cork County Council notes your response in the letter dated the 4th of December 2015, in relation to a letter issued by Cork County Council dated the 26th of November 2015, requesting for outstanding reports to be submitted for CO monitoring using a Testo 325-1 gas analysis kit. In your response you stated that three spot checks were conducted for CO and the average of the three tests was 190mg/m³. Please submit outstanding monitoring reports conducted to date for 2016 and thereafter as soon as they are available for each analysis conducted.
- 2) Condition 7 A.P. 1/98 states; The Licensee shall operate a weather monitoring station the site and this station shall record conditions of temperature, wind speed and wind direction. Cork County Council acknowledges the Licensee's email received on the 20th June 2016 in relation to the Licensee's weather records for the plant in Dunmanway. Cork County Council noted on the day inspection dated the 13th of June 2016 that the above parameters are recorded

using a handheld device for wind speed, the wind sock for wind direction and a car temperature monitor for ambient air temperature. These methods of recording the above parameters are not adequate. Cork County Council requires the Licensee to put an adequate weather station in place.

3) Condition 10.3 A.P. 1/98 outlines reporting requirements of summary report.

The Licensee is reminded to submit a summary report as per the above condition on or before the 15th of January 2017.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,



Niall Scanlan,

Environmental Officer.

Cork County Council Air Quality Section.

REPORT REF: AB001

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A001B	13/06/16	Light Fuel Oil	*Lancom (III)		
		SO ₂		10	500
		NOX (as NO ₂)		5	450
		CO		182	850

REPORT REF: AB001

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALY SER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Niall Scanlan
Niall Scanlan, Environmental Technician.

Date: 21/10/16

REPORT REF: AB001P

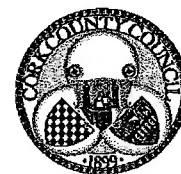
CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A001B	13/06/16	Light Fuel Oil	*Lancom (III)		
		SO ₂		10	500
		NOX (as NO ₂)		5	450
		CO		182	850

REPORT REF: AB001P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* Lancom (III) _____ FLUE GAS ANALYSER

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Niall Scanlan

Niall Scanlan, Environmental Technician.

Date: 21/10/16

REPORT REF: AB028

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:



Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A028B	19/10/16	Light Fuel Oil	*Lancom (III)		
		SO ₂		4	500
		NOX (as NO ₂)		6	450
		CO		139	850

REPORT REF: AB028

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* Lancom (III) _____ FLUE GAS ANALYSER

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Niall Scanlan

Niall Scanlan, Environmental Technician.

Date: 21/10/16

REPORT REF: AB028P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A028B	19/10/16	Light Fuel Oil	*Lancom (III)		
		SO ₂		4	500
		NOX (as NO ₂)		6	450
		CO		139	850

REPORT REF: AB028P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,
Environmental Department,
Inniscarra,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* Lancom (III) _____ FLUE GAS ANALYSER

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Niall Scanlan

Date: 21/10/16

Niall Scanlan, Environmental Technician.

Comhairle Contae Chorcaí Cork County Council

Environmental Department,
Inniscarra, Co. Cork.
Tel: (021) 4532700 • Fax (021) 4532727
Web: www.corkcoco.ie
An Rannóg Comhshaoil,
Inis Cara, Co. Chorcaí.
Fón: (021) 4532700 • Faics (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie



[Redacted]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

21th November 2017.

**Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited,
Dunmanway, Co. Cork (Ref: A.P. 1/98)**

Dear [Redacted]

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 7th November 2017.

In relation to Air Emission Licence A.P. 1/98, I would appreciate if you would confirm and submit the following in writing to this Directorate before 15th January 2018.

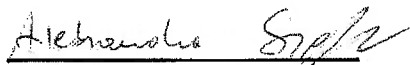
- 1) Condition 8 A.P. 1/98 states that Vent 1 is monitored quarterly at a time when maximum emissions discharge to atmosphere is occurring. In relation to that condition and your letter dated 28th of August 2013 where was agreed with the Council that Murray Bros. would monitor three times a year using their own Testo 325-1 gas analysis kit for CO monitoring. Please submit outstanding monitoring reports conducted to date for 2017 and thereafter as soon as they are available for each analysis conducted.
- 2) Condition 8 A.P. 1/98 also states that a monitor for the continuous measurement of dust levels from the tarmacadam plant shall be fitted. In your letter dated the 4th of December 2015, it was stated that; "We are financially not yet in a position to spend €10000 on a dust monitor, if market conditions improve in 2016 we will look at this expense". Please inform to Cork County Council if there is any update according to this matter and a continuous measurement (with data logger) of dust level has been put in place in 2017 and submit evidence of logged data recordings if applicable.

- 3) Condition 9 A.P. 1/98 outlines ambient air monitoring required. In the absence of on-line monitor please submit details of any ambient monitoring that is carried out as per this condition.
- 4) Condition 10.3 A.P. 1/98 outlines reporting requirements of summary report. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. The report shall also outline the intentions of the licensee with regard to the upgrading of treatment methods or operations should these results not fully comply with the terms of this licence. Please ensure that the summary report for 2017 is submitted on or before the 15th of January 2018.

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,



Aleksandra Szeffler

Environmental Officer.

Cork County Council Air Quality Section.

REPORT REF: AD001

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A001D	07/11/17	Light Fuel Oil	*Lancom (III)		
		SO ₂		9	500
		NOX (as NO ₂)		5	450
		CO		142	850

REPORT REF: AD001

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: A. Szeffler

Date: 21/11/2017

Aleksandra Szeffler, Environmental Technician.

REPORT REF: AD001P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A001D	07/11/17	Light Fuel Oil	*Lancom (III)		
		SO ₂		9	500
		NOX (as NO ₂)		5	450
		CO		142	850

REPORT REF: AD001P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* Lancom (III) _____ FLUE GAS ANALYSER

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: A. Szeffler

Date: 21.11.2017

Aleksandra Szeffler, Environmental Technician.

Comhairle Contae Chorcaí Cork County Council

An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Fais: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie
Environmental Directorate,
Inniscarra, Co. Cork.
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie



[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

26th April 2018.

Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited, Dunmanway, Co. Cork (Ref: A.P. 1/98)

Dear [REDACTED]

1). Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 25th April 2018.

2). I refer to our recent conversation according to frequency of Vent 1 monitoring at Murray Bros. Tarmacadam Limited.

It is stated on the licence that Vent 1 is monitored quarterly at a time when maximum emissions discharge to atmosphere is occurring for parameters:

Sulphur Dioxide (asSO₂)
NO_x (as NO₂)
Carbon Monoxide (CO)
Dust.

I would appreciate if monitor of the parameters mentioned above shall be carried out at your own expense twice a year.

3). In relation to Air Emission Licence A.P. 1/98, I would appreciate if you would keep records of your CO monitoring results using Testo 325-1 gas analysis kit and monitor level of CO quarterly.

4). In relation to monitor for the continuous measurement of dust levels from the tarmacadam plant Cork County Council reserve the right to request commence of this part of the condition in the future.



- 1) If you have any queries, please do not hesitate to contact me at the above address and telephone numbers or email me to aleksandra.szepler@corkcoco.ie

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,



Aleksandra Szepler

Environmental Officer.

Cork County Council Air Quality Section.

REPORT REF: AE005

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A005E	25/04/18	Light Fuel Oil	*Lancom (III)		
		SO ₂		4	500
		NOX (as NO ₂)		4	450
		CO		109	850

REPORT REF: AE005

CORK COUNTY COUNCIL

**Laboratory Test Report,
Air Laboratory,
Inniscarra Waterworks,
Inniscarra, County Cork**



Sheet 2 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____ *A. Szefer*

Date: 26/04/2018

Aleksandra Szefer, Environmental Technician.

REPORT REF: AE005P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m ³	Licence Limits mg/m ³
A005E	25/04/18	Light Fuel Oil	*Lancom (III)		
		SO ₂		4	500
		NOX (as NO ₂)		4	450
		CO		109	850

REPORT REF: AE005P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* **Lancom (III)** _____ **FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: A. Szefer

Date: 26/04/2018

Aleksandra Szefer, Environmental Technician.

[REDACTED]
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

9th October 2020

Re: Air Licence monitoring at Murray Bros. Tarmacadam Limited, Dunmanway, Co. Cork (Ref: A.P. 1/98)

Dear [REDACTED]

Please find enclosed test reports in relation to stack monitoring performed by Cork County Council on 8th October 2020.

1. Condition 10.3 A.P. 3/03 outlines reporting requirements of summary report. This report shall evaluate the operation of the facilities available on-site to treat the emissions in the light of the results achieved in the previous year. I would appreciate if you submit as it is stated below:
 - Summary report for year 2020 before 15th of January 2021
 - Outstanding quarterly emission reports for 2020 before 15th of January 2021.
2. Condition 12.4 A.P. 2/01 outlines reporting requirements for complaints. Please submit also details of any complaints received /investigations undertaken in 2020
aleksandra.szeffler@corkcoco.ie

If you have any queries, please do not hesitate to contact me at the above address and telephone numbers or email me to aleksandra.szeffler@corkcoco.ie.

This letter is without prejudice to any action that Cork County Council may wish to take in the future in order to fulfil its duties under the above 1987 Air Pollution Act.

Yours sincerely,



Aleksandra Szeffler

Environmental Officer.

Cork County Council Air Quality Section.

E13

AIE records 113, 128 and 144: licensee's annual letters, 2020, 2022 and 2025

Murray Bros. (Tarmacadam) Ltd.

***Tarmacadam Manufacturers
Dunmanway, Co. Cork.
Tel: (023) 8845204/8855600 Quarry
Email: info@murraybrothers.ie***

15th Oct, 2020

*Aleksandra Szepler
Environmental Officer
Cork County council
Air Quality Section
Inniscarra
Co Cork*

Dear Aleksandra

With reference to your letter of 09th October, 2020 the following is the confirmation you require.

Thank you for test report in relation to the last stack monitoring you did on 08th October last. We now have four test reports on our emissions done for 2020. Two reports by Cork County Council and two reports by Glenside. Please find these attached for your attention.

Summary Report – for the Plant 2020

As previously stated we have had no complaints from either neighbours or any members of the general public for 2020 in relation to the operation of our plant at Ardcahan. You visited us twice in March and October and we got Glenside in June and October. All four tests to date show our SO₂ NO_x and CO readings were only a fraction of our licence limits. We have a maintenance programme in place servicing these areas which could effect the environment, for example we regularly check the bag house unit for faulty bags, temperature guages and pyrameters are checked and replaced if faulty on an ongoing basis. We have an ambient air monitor and a wind sock for recording wind speed etc.

We feel we are at a fraction of our permissible levels. We will find it difficult to improve the high standard we operate so our objective for 2021 is to maintain the high standards we currently adhere to.

Hoping the above is to your satisfaction.

Yours Sincerely





Murray Brothers Tarmac Ltd.

Dunmanway, Co. Cork. Tel: (023) 8845204 / 8855600

Email: info@murraybrothers.ie

27th Oct, 2022

Aleksandra Szefer
Environmental Officer
Cork County Council
Air Quality Section
Inniscarra
Co Cork

Dear Aleksandra

The following is a summary report for 2022.

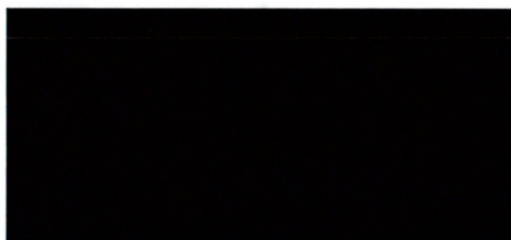
Thank you for test report in relation to the last stack monitoring you did on 18th October recently. We have now four test reports on our emissions done for 2022 – two reports by Cork County Council and two reports by Glenside. Please find these attached for your attention.

We have had no complaints from either neighbours or any member of the general public for 2022 in relation to the operation of our plant at Ardcahan. You visited us twice in March and October and we got Glenside in June and September. All four tests to date show our SO₂, NO_x and CO readings were only a fraction of our licence limits. We have a maintenance programme in place servicing these areas which could effect the environment, for example we regularly check the bag house unit for faulty bags, temperature gauges and pyrometers are checked and replaced if faulty on an ongoing basis.

We feel we are at a fraction of our permissible levels. We will find it difficult to improve the high standard currently adhere to.

Hoping the above is to your satisfaction.

Yours Sincerely



19 November 2025

Aoife Barrow
Environmental Officer
Cork County Council
Air Quality Section
Inniscarra
Co Cork

Dear Aoife

The following is a summary report for 2025.

We have four test reports on our emissions done for 2025 – two reports by Cork County Council and two reports by Glenside. Please find these attached for your attention.

We have had no complaints from either neighbours or any member of the general public for 2025 in relation to the operation of our plant at Ardcahan. You visited us twice in April and October and we got Glenside in June and September. All four tests to date show our SO₂ NO_x and Co readings were only a fraction of our licence limits.

We have a maintenance programme in place servicing these areas which could effect the environment, for example we regularly check the bag house unit for faulty bags, temperature gauges and pyrameters are checked and replaced if faulty on an ongoing basis.

We feel we are at a fraction of our permissible levels. Our objective is to maintain the high standards we currently adhere to.

Hoping the above is to your satisfaction.

Yours Sincerely



E14

AIE records 135, 137 and 140: test reports recording heavy fuel oil, 2024

REPORT REF: AR004

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A004R	11.04.2024	Heavy Fuel Oil	*Lancom (III)		
		SO ₂		9	500
		NOX (as NO ₂)		4	450
		CO		341	850

REPORT REF: AR004

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

*** Lancom (III) _____ FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: Aleksandra Szeffler

Date: 22.04.2024

Aleksandra Szeffler, Environmental Officer.

REPORT REF: AR004P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

Public File,

Environmental Department,

Inniscarra,

Co. Cork

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A004R	11.04.24	Heavy Fuel Oil	*Lancom (III)		
		SO ₂		9	500
		NOX (as NO ₂)		4	450
		CO		341	850

REPORT REF: AR004P

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

Public File,
Environmental Department,
Inniscarra,
Co. Cork

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* **Lancom (III)** _____ **FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____

Date: 22.04.2024

Aleksandra Szeffler, Environmental Officer.

REPORT REF: AR025

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 1 of 2

Report Issued To:

**Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.**

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Sample Lab. Code No.	Date Sampled	Test.	Method Ref.	Results mg/m³	Licence Limits mg/m³
A025R	11.11.2024	Heavy Fuel Oil	*Lancom (III)		
		SO ₂		7	500
		NOX (as NO ₂)		11	450
		CO		225	850

REPORT REF: AR025

CORK COUNTY COUNCIL

Laboratory Test Report,

Air Laboratory,

Inniscarra Waterworks,

Inniscarra, County Cork



Sheet 2 of 2

Report Issued To:

██████████
Murray Brothers Tarmacadam Ltd,
Dunmanway,
Co. Cork.

Industry Sampled: Murray Brothers Tarmacadam Limited.

Industry Code No: A.P. 32

Address: Dunmanway, Co. Cork.

License No: A.P. 1/98

Sampling Location: Tarmacadam Plant

Sampling Duration: 30 minutes

Remarks:

* **Lancom (III)** _____ **FLUE GAS ANALYSER**

This report relates only to the samples listed above. This report shall not be reproduced except in full and only with the approval of the testing laboratory.

Report By: _____

Date: 11.11.2024

Hajar Lamine, Environmental Officer.

Aoife Barrow, Environmental Officer.

E15

AIE record 154: Council letter, 20 February 2008

Comhairle Contae Chorcaí Cork County Council

Environmental Directorate,
Inniscarra, Co. Cork.
Tel. No. (021) 4532700 • Fax No. (021) 4532727
Web: www.corkcoco.ie
An Stiúrthóireacht Comhshaoil,
Inis Cara, Co. Corcaigh.
Fón: (021) 4532700 • Faics: (021) 4532727
Suíomh Gréasáin: www.corkcoco.ie



Murray Bros. Tarmacadam
Dunmanway
Co Cork

[Redacted] Rang 26/2/08
he will e-mail results
(15) Results Received 4/3/08.

FAO: [Redacted]

20 February 2008

Re: Results required for Air pollution licence
Murray Brothers Tarmacadam Ltd. AP1/98

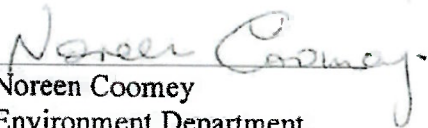
Dear Sir

I wish to bring it to your attention that under the conditions of the company's discharge licence, you are obliged to submit results of monitoring on a monthly basis.

We have not received any submissions from January to December 2007 from your company. Please forward the results within the next seven days.

The above is without prejudice to any action which may be taken by Cork County Council.

Yours sincerely


Noreen Coomey
Environment Department
ROOM FF14

E16

AIE record 159: Council pollution incident record, DASH case ENV529740063

Pollution Incidents Inspection

Report info

Please indicate how this environment issue was raised by your asst/nd:

Staff member who made observation: Nicole Hively

Customer Issue Type Water pollution (effluent discharge, slurry runoff, etc.)

Customer ID: 79076

© 2011 Wiley Periodicals, Inc. *J Biomed Mater Res Part B: Appl Biomater* 95B: 100–107, 2011
DOI 10.1002/jbm.b.22000

Adjoint matrix: observed versus observed matrix: near Diagonal/Arbitrary matrix
 nullspace approx. 200m from Query. Site inspection required to determine where the point source is located.

Is this visible from or encroaching into a public area?

On what day did your student's thesis incident?

[Policies and Documents](#)
[#enrichyourselfwithbooks is supported by our Administrative & HR Services - X | here](#)
[Administrative](#)

[Toll-free 1-800-828-6882](#) or [1-800-828-6882](#) Please indicate a location accurately, not providing the supplier an address
[map center address](#) UseMap

Here x co-ordinates provided by using `grasp` or `grasp2` (in code 9)



Location of region: This is the address of the pin location
 A. J. A. B. C. D. E. F. G. H. I. J. K. L. M. N. O. P. Q. R. S. T. U. V. W. X. Y. Z. 0. 1. 2. 3. 4. 5. 6. 7. 8. 9.

Additional information: <http://www.elsevier.com/locate/jmre> **PC connectivity:** use to find the issue by including any nearby landmark road numbers, road markings etc.
At 5.4 miles bridge to:

Location from nrmc Address

[\[@.fas \] : \[@.gizmodo \]](#) from Autoaddress

Municipal District (ND) **West** West Cork

Council Municipal District Office 2016-2017

Person who logged the error: [Nancy Healy](#)

Click and drag to zoom in

Q&A Inner Circle Name:

Customer Contact Number

Email Address (will not be used for sending email)

Do you wish to ask [another question](#) about this incident?

```
1 mainAddress = 0
```

[Home](#) [Services](#) [MyRequests](#) [CaseViewer](#) [Contact Us](#) [Help](#)

Pollution Incidents Inspection

[Report info](#) [Inspection Actions](#)

Comment History

Case created on: 26 Jun 2026 21:27:54 by Kevin Murphy

26 Jun 2026 21:27:54 - Stage: Environment Inspection - Kevin Murphy wrote: A further inspection was carried out and no evidence of silt in the stream at the entrance to the quarry. The stream will be monitored when in the area.

Create PDF to Print

PDF Summary

If the category and subcategory for this case are incorrect, please update the relevant fields by selecting 'Yes' to enable editing

Update Category and Subcategory below?

Yes

Please Add Supporting Documents Here

Issue Category *

Water Quality

Water pollution subcategory

Other

[Case Notes](#)

Discharge from quarry

What do you want to do *

Close

If this case needs to be reassigned to Waste Services, please select 'Reassign to other team member' and select 'Waste - Finbar O'Keefe' from the inspection drop down list below

Close Report Description

Included on a Works Schedule

Permit No.

Please Add Your Comments Here

These are internal comments for Environment

Add uploads for inspection

User logged in

Kevin.P.Murphy@CorkCo.ie

This case will be closed and will be read only after you click 'Submit'

