



COMHAIRLE | CLARE
CONTAE AN CHLÁIR | COUNTY COUNCIL

Our Ref: WP 151

23rd November, 2022.

Clare County Council,
Cliffs of Moher,
Liscannor,
Co. Clare.

Re: Site Inspection Report WP 151

A Chara,

Please see below the site inspection findings for routine monitoring carried out by Clare County Council environment staff on 27th July 2022, at the Cliffs of Moher Visitor Centre Ltd, licensed pursuant to Section 4 of the Local Government (Water Pollution) Acts, 1977 /1990 as amended.

Preliminary details:

Licensee Name:	Cliffs of Moher Centre
Licence Ref No:	WP 151
Date of Inspection:	27/07/22
Time:	10:30
Clare County Council Representative:	Patricia O'Brien Environmental Technician I

Site Inspection Findings:

Parameter	Result mg/l	Licence Limit mg/l
	27/07/22	
pH (pH units)	7.73	6-9 pH units
BOD (mg/l)	20	15mg/l O ₂
COD (mg/l)	35	100mg/l O ₂
Suspended Solids (mg/l)	3	15mg/l SS
Ammonia mg/l N	64	5mg/l N
Ortho-phosphate (mg/l P)	9	-

An Roinn Chomhshaoil
An Stúirthóireacht Forbairt Fhisiceach
Áras Contae an Chláir, Bóthar Nua, Inis, Co. an Chláir, V95 DXP2

Environment Department
Physical Development Directorate
Áras Contae an Chláir, New Road, Ennis, Co. Clare, V95 DXP2

Laboratory Analysis Report

Sample Location : Licences - Section 4
 Cliffs Of Moher WP 151, Station : 0300WP151003
 Grid Coordinates : Not Recorded
Sample Details : Reference : 22-0867
 Template : WP 151 - Cliffs of Moher Visitor Centre
 Sampled by : Patricia O'Brien
Laboratory : Sample Date: 27/07/2022 Time: 10:30 Method: Grab
 Clare Co Co New Rd
 Analyst : Patricia O'Brien
Sample Notes : -----

Parameter	Sample Parameters		Parameter Standards		Results	
	Unit	Max. Limit	Min. Limit	Date	Result	
Ammonia N	mg/l	5	--	28/07/22	64.02	
Biological Oxygen Demand	mg/l	15	--	28/07/22	20	
COD Chemical Oxygen Demand	mg/l	100	--	27/07/22	35	
Suspended Solids	mg/l	15	--	27/07/22	3	
Total Nitrogen N	mg/l	15	--			
pH	pH units	9	6	27/07/22	7.73	
Total Phosphorus P	mg/l	2	--			
Ortho-Phosphate P	mg/l	--	--	28/07/22	9.57	
BOD, 5 days with Inhibition (Carbonaceous)	mg/l	--	--			



Our Ref: WP 151

28th April, 2022.

COMHAIRLE | CLARE
CONTAE AN CHLÁIR | COUNTY COUNCIL

Clare County Council,
Cliffs of Moher,
Liscannor,
Co. Clare.

Re: Site Inspection Report WP 151

A Chara,

Please see below the site inspection findings for routine monitoring carried out by the Clare County Council, on the 21st April 2022, at the Cliffs of Moher Visitor Centre Ltd, licensed pursuant to Section 4 of the Local Government (Water Pollution) Acts, 1977 /1990 as amended.

Preliminary details:

Licensee Name:	Cliffs of Moher Centre
Licence Ref No:	WP 151
Date of Inspection:	21/04/22
Time:	10:00
Clare County Council Representative:	Patricia O'Brien Environmental Technician I

Site Inspection Findings:

Parameter	Result mg/l	Licence Limit mg/l
	21/04/22	
pH (pH units)	8.08	6-9 pH units
BOD (mg/l)	7	15mg/l O ₂
COD (mg/l)	70	100mg/l O ₂
Suspended Solids (mg/l)	<2	15mg/l SS
Ammonia mg/l N	259	5mg/l N
Ortho-phosphate (mg/l P)	24	-

Results of the effluent sample taken on 21st April 2022 are **not in compliance** with the Ammonia licence limits set down in WP 151.

If you have any further queries, please contact Patrick Mullane at pmullane@clarecoco.ie

Mise le meas,


For Clare McGrath,
Staff Officer.

Please note: This report does not imply full compliance with other conditions of WP 151 during the site inspection. The report only relates to the conditions listed above.

An Roinn Chomhshaoil
An Stiúirthóireacht Forbairt Fhisiceach
Áras Contae an Chláir, Bóthar Nua, Inis, Co. an Chláir, V95 DXP2

Environment Department
Physical Development Directorate
Áras Contae an Chláir, New Road, Ennis, Co. Clare, V95 DXP2

Laboratory Analysis Report

Sample Location : Licences - Section 4
 Cliffs Of Moher WP 151, Station : 0300WP151003
 Grid Coordinates : Not Recorded
Sample Details : Reference : 22-0504
 Template : WP 151 - Cliffs of Moher Visitor Centre
 Sampled by : Patricia O'Brien
 Sample Date: 21/04/2022 Time: 10:00 Method: Grab
Laboratory : Clare Co Co New Rd
 Analyst : Patricia O'Brien
Sample Notes : -----

Parameter	Sample Parameters		Parameter Standards		Results	
	Unit	Max. Limit	Min. Limit	Date	Result	
Ammonia N	mg/l	5	--	21/04/22	259	
Biological Oxygen Demand	mg/l	15	--	22/04/22	7	
COD Chemical Oxygen Demand	mg/l	100	--	21/04/22	70	
Suspended Solids	mg/l	15	--	21/04/22	< 2	
Total Nitrogen N	mg/l	15	--			
pH	pH units	9	6	21/04/22	8.08	
Total Phosphorus P	mg/l	2	--			
Ortho-Phosphate P	mg/l	--	--	21/04/22	24.31	
BOD, 5 days with Inhibition (Carbonaceous)	mg/l	--	--			

Approved:  : Date: 19/6/22
 Signed:  : Date: 19/6/22



Our Ref: WP 151

17th December, 2021.

COMHAIRLE | CLARE
CONTAE AN CHLÁIR | COUNTY COUNCIL

Clare County Council,
Cliffs of Moher,
Liscannor,
Co. Clare.

Re: Site Inspection Report WP 151

A Chara,

Please see below the site inspection findings for routine monitoring carried out by the environment Section of Clare County Council, during 2021 at the Cliffs of Moher Visitor Centre Ltd, licensed pursuant to Section 4 of the Local Government (Water Pollution) Acts, 1977 /1990 as amended.

Preliminary details:

Licensee Name:	Cliffs of Moher Centre	
Licence Ref No:	WP 151	
Date of Inspection:	01/09/21	03/12/21
Time:	10:40	12:50
Clare County Council Representative:	Patricia O'Brien Environmental Technician I	Patricia O'Brien Environmental Technician I

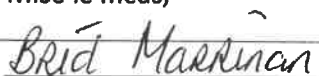
Site Inspection Findings:

Parameter	Result mg/l		Licence Limit mg/l
	01/09/21	03/11/21	
pH (pH units)	8.12	7.43	6-9 pH units
BOD (mg/l)	2.3	<2	15mg/l O₂
COD (mg/l)	40	42	100mg/l O₂
Suspended Solids (mg/l)	<2	2	15mg/l SS
Ammonia mg/l N	0.591	0.024	5mg/l N
Ortho-phosphate (mg/l P)	6.579	8.038	-

Results of the effluent samples taken throughout 2021 were **in compliance** with the licence limits set down in WP 151.

If you have any further queries, please contact Patrick Mullane at pmullane@clarecoco.ie

Mise le meas,


For **Clare McGrath,**
Staff Officer.

Please note: This report does not imply full compliance with other conditions of WP 151 during the site inspection. The report only relates to the conditions listed above.


An Roinn Chomhshaoil
An Stiúrthóireacht Forbairt Fhisiceach
Áras Contae an Chláir, Bóthar Nua, Inis, Co. an Chláir, V95 DXP2

Environment Department
Physical Development Directorate
Áras Contae an Chláir, New Road, Ennis, Co. Clare, V95 DXP2

Laboratory Analysis Report

Sample Location : Licences - Section 4
 Cliffs Of Moher WP 151, Station : 0300WP151003
 Grid Coordinates : Not Recorded
Sample Details : Reference : 21-0903
 Template : WP 151 - Cliffs of Moher Visitor Centre
 Sampled by : Patricia O'Brien
 Sample Date: 01/09/2021 Time: 10:40 Method: Grab
Laboratory : Clare Co Co New Rd
 Analyst : Patricia O'Brien
Sample Notes : -----


Parameter	Sample Parameters		Parameter Standards		Results	
	Unit	Max. Limit	Min. Limit	Date	Result	
Ammonia N	mg/l	5	--	02/09/21	0.59	
Biological Oxygen Demand	mg/l	15	--	02/09/21	2	
COD Chemical Oxygen Demand	mg/l	100	--	01/09/21	40	
Suspended Solids	mg/l	15	--	02/09/21	< 2	
Total Nitrogen N	mg/l	15	--			
pH	pH units	9	6	01/09/21	8.12	
Total Phosphorus P	mg/l	2	--			
Ortho-Phosphate P	mg/l	--	--	02/09/21	6.58	
BOD, 5 days with Inhibition (Carbonaceous)	mg/l	--	--			

Approved:  : Date: 11/5/22 : Signed: : Head of Laboratory- Title :ES
Queries in relation to this report should be addressed to the Laboratory @ 065 5846366

Laboratory Analysis Report

Sample Location : Licences - Section 4
 Cliffs Of Moher WP 151, Station : 0300WP151001
 Grid Coordinates : X: 104320 Y: 191942
Sample Details : Reference : 21-1863
 Template : WP 151 - Cliffs of Moher Visitor Centre
 Sampled by : Patricia O'Brien
 Sample Date: 03/11/2021 Time: 12:50 Method: Grab
Laboratory : Clare Co Co New Rd
 Analyst : Patricia O'Brien
Sample Notes : -----

Parameter	Sample Parameters		Parameter Standards		Results	
	Unit	Max. Limit	Min. Limit	Date	Result	
Ammonia N	mg/l	5	--	04/11/21	0.02	
Biological Oxygen Demand	mg/l	15	--	04/11/21	< 2	
COD Chemical Oxygen Demand	mg/l	100	--	03/11/21	42	
Suspended Solids	mg/l	15	--	04/11/21	2	
Total Nitrogen N	mg/l	15	--			
pH	pH units	9	6	03/11/21	7.43	
Total Phosphorus P	mg/l	2	--			
Ortho-Phosphate P	mg/l	--	--	04/11/21	0.02	
BOD, 5 days with Inhibition (Carbonaceous)	mg/l	--	--			

Approved:  : Date: 15/11/22
 Signed: : Date:
 Head of Laboratory- Title :ES
 Querés in relation to this report should be addressed to the Laboratory @ 065 6846366
 Page 1 of 1
 Print Date : 21/02/2022
LabWorks