

2023 Bathing Water Report

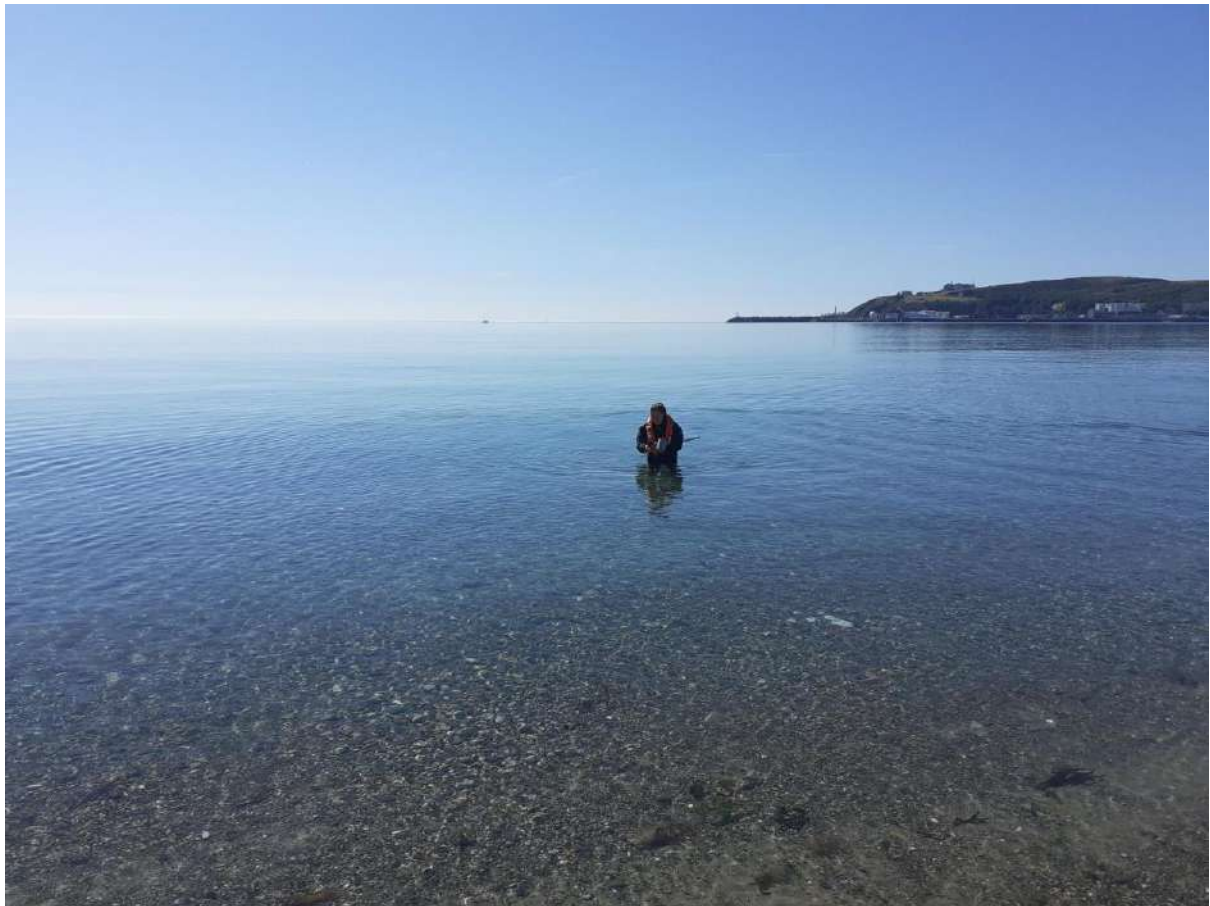


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Abbreviations

DEFA – Department of Environment, Food and Agriculture

EPU – Environmental Protection Unit

EC – Escherichia coli

FIO – Faecal Indicator Organisms

IE – Intestinal Enterococci

IOM – Isle of Man

LA – Local Authorities

STP – Short Term Pollution

1. Introduction

The Environmental Protection Unit (EPU) undertake the bathing water sampling during the bathing season which runs from the 1st May to the 18th September for a 20 week period. The samples are analysed for concentrations of Escherichia coli and Intestinal Enterococci. The standards for bathing water assessment are detailed in the [Water Pollution \(Bathing Water Standards and Objectives\) Scheme 2021](#).

All of the data collected during the bathing season is published on the EPU's [bathing water quality webpage](#). For designated bathing waters there are site specific bathing water profiles which includes additional information on the bathing water, potential sources of contamination and the previous 4 years' worth of results. The end of season classifications are published on the bathing water profile and are calculated using 4 years' worth of data.

Ahead of the next bathing season EPU review new applications and discuss them with Manx Utilities. All training requirement are also reviewed and if necessary the Coastguard undertakes water safety training for the sampling officers. All risk assessments and procedures are reviewed ahead of sampling commencing.

2. Designation of Bathing Waters

Designation of a bathing water means that a body of water has been identified as a bathing location because it meets the mandatory quality standards and will be monitored for faecal indicator organisms (FIO) specifically Escherichia coli (EC) and Intestinal Enterococci (IE) during the bathing season.

The Department consulted with all Local Authorities (LA) in 2020 and sent out application forms for the LAs to apply for a location within their constituency to be designated as a bathing water for the 2021 bathing season. The Department received eight applications; four were approved (Douglas Central, Port Erin, Port St Mary and South Ramsey) and four were declined. Officers worked with LAs to develop bathing water profiles and signs for the approved locations ahead of the bathing season.

Ramsey Town Commissioners applied to designate North Ramsey but due to the modelling of Manx Utilities (MU) infrastructure to determine the impact on achieving the bathing water standards at a specific sampling site and the lack of physical data, the application was refused. The Department agreed to undertake weekly sampling at an agreed point at North Ramsey for the 2021 and 2022 seasons to determine if designation in the future is possible. Modelling was re-done in 2022 by MU with a different sampling location reflecting where officers have been sampling for the past two years. The outcome of this modelling has determined that designation can be sought by the Commissioners subject to the 2 year classification achieving the **Good** standard.

Applications were also received for the designation of Peel, Fenella and Laxey; due to insufficient sewerage infrastructure these were not progressed. The Department will liaise with the Local Authorities when the necessary improvements to the sewerage infrastructure have been approved by planning and construction has commenced.

During the 2021 bathing season DEFA were approached by Castletown Commissioners regarding an application to designate Castletown beach for 2022. Officers collected weekly samples from Castletown to assist with the end of season classification.

During the 2022 bathing season DEFA were approached by Michael and Malew commissioners regarding designating Glen Wyllin and Bay ny Carrickey for the 2023 bathing season. The frequency of sampling increased to weekly for both of these locations to assist with the end of season classification. An application was also received from Ramsey Town Commissioners for designation of North Ramsey when the end of season classification was calculated as **Good** with 2 years' worth of data.

As part of the [Department Plan \[GD 2023.0068\]](#) and [Island Plan \[GD 2022.0095\]](#) the Department committed to reviewing the non-designated bathing waters based off of use not historic designation ahead of the 2023 bathing season. This commitment was completed and as such the sampling locations were amended. Non designated bathing waters are sampled on a four weekly basis and a full assessment is detailed in Section 3.3.

Three new designated bathing waters were approved for the 2023 bathing season and as such bathing water profiles, signage and additional monitoring was undertaken for these locations. The new bathing waters were Glen Wyllin, North Ramsey and Bay ny Carrickey.

3. 2023 Bathing Season

3.1. Summary of Weather Conditions

The Isle of Man metrological office at Ronaldsway experienced a year of records with 2023 being the warmest on record.

May was the 6th driest on record with only 16.4mm of rainfall which is well below the long term average of 55mm.

June was recorded as being the warmest on record with a new record maximum temperature on the 13th June with 28.1°C. Only 33mm of rainfall was recorded which is half the long term average. Fine weather in May and June brought the annual sunshine hours up to slightly above the average, despite all of the rain.

The island experienced the wettest July on record with 144.9mm of rainfall which is double the long term average.

After the warmest June and wettest July, August was not far from the long term average. A total of 66mm of rain was recorded which is right on the average however most of this fell on 3 days (1st, 4th and 18th).

After a fine and warm first week of September, it all changed for the rest of the month with autumnal conditions prevailing. 108.1mm of rainfall was recorded which is over 50% more than the long term average.

3.2. End of Season Classification for Designated Bathing Waters

Designated bathing waters are sampled on a weekly basis with the data being published on the EPU [bathing water quality webpage](#).

Table 1. End of season classification for designated bathing waters

| Bathing Water | 2022 Classification | 2023 Classification | Short Term Pollution (STP) samples disregarded |
|----------------------|----------------------------|----------------------------|---|
| Bay ny Carrickey | Good | Good | 1 – 2023 |
| Castletown | Sufficient | Sufficient | 1 – 2022 |
| Douglas Central | Good | Good | 1 – 2023 |
| South Ramsey | Good | Good | 1 – 2022 |
| North Ramsey* | Good | Excellent | 1 - 2022 |
| Glen Wyllin** | Good | Excellent | 2 – 2021/22 |
| Port Erin | Good | Excellent | 2 – 2022/23 |
| Port St Mary | Good | Good | 0 |

3.2.1. Bay ny Carrickey

The end of season classification for Bay ny Carrickey has remained the same since it was designated in 2022 at **Good**. Throughout the 2023 bathing season 95% of the results achieved **Excellent** or **Good** classification. An unusually high concentration of EC and IE was recorded on the 2nd August at 2247 MPN/100ml and 1918 MPN/100ml. The elevated bacterial concentrations are likely to be linked to the heavy rainfall (18.8mm) the 3 days prior to sampling.

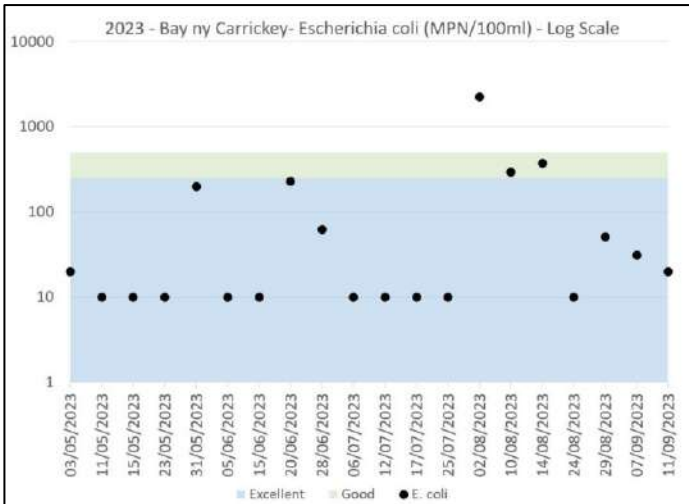


Figure 1. *Escherichia coli* 2023 bathing season results for Bay ny Carrickey

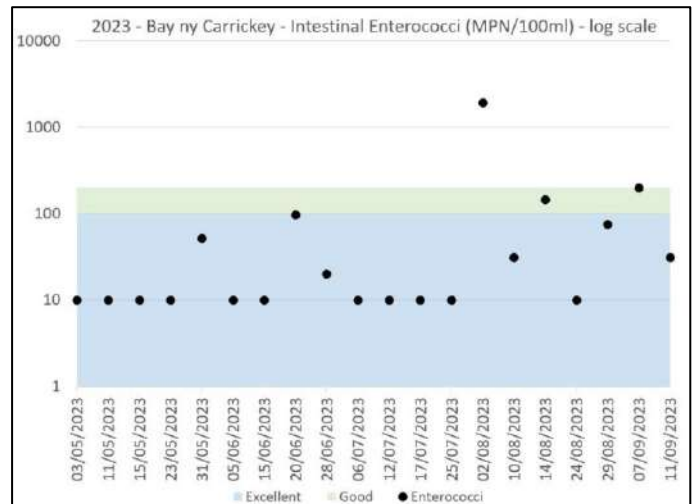


Figure 2. *Intestinal enterococci* 2023 bathing season results for Bay ny Carrickey

3.2.2. Castletown

The end of season classification for Castletown has remained at **Sufficient** for the past two seasons. The 2023 bathing season data was 100% **Excellent** classification of EC and 85% **Excellent** or **Good** for IE. The slight elevated results are not elevated enough to alter the classification or warrant further investigation. The **Good** classification for IE is <200 MPN/100ml and the Castletown results were 393, 331 and 309 MPN/100ml. Although the classification does not meet the minimum standard of **Good** as outlined in the Water Pollution (Bathing Water Standards and Objectives) Scheme 2021 the 2023 data was not elevated and therefore Castletown will remain designated for the 2024 bathing season.



Figure 3. *Escherichia coli* 2023 bathing season results for Castletown

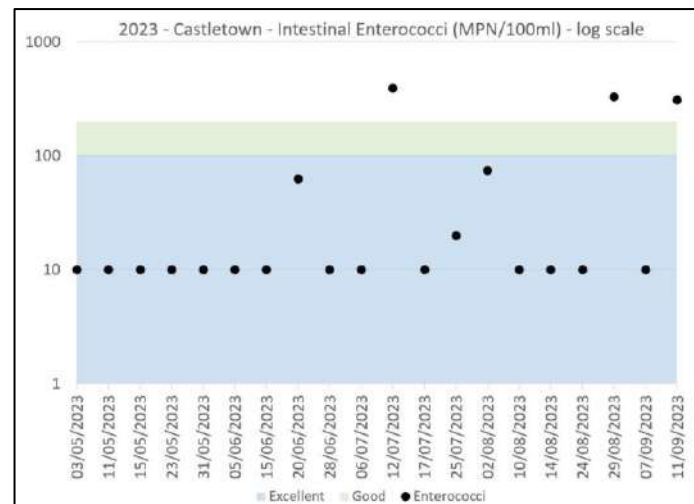


Figure 4. *Intestinal enterococci* 2023 bathing season results for Castletown

3.2.3. Douglas Central

The end of season classification for Douglas Central has remained at **Good** for the past two seasons. The 2023 bathing season data was 100% **Excellent** for EC and 90% **Excellent** for IE. It is unclear what caused the elevated IE result on the 14th August 2023 at 9804 MPN/100ml; the morning of sampling there was light rain but the 24 hours prior it was dry.

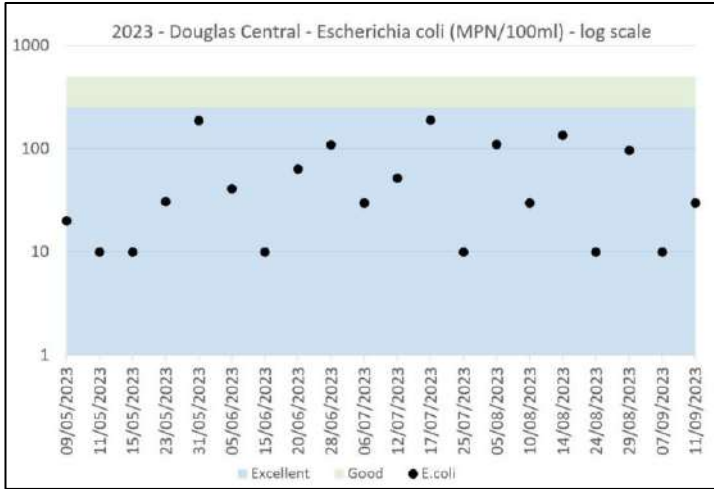


Figure 5. Escherichia coli 2023 bathing season results for Douglas Central

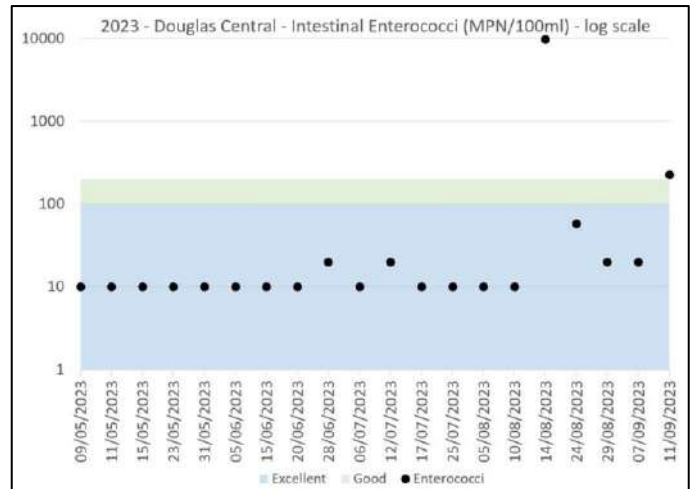


Figure 6. Intestinal enterococci 2023 bathing season results for Douglas Central

3.2.4. South Ramsey

The end of season classification for South Ramsey has remained at **Good** for the past two bathing seasons. For the 2023 bathing season 100% of EC and 95% of IE results achieved **Excellent** or **Good** classification. The slightly elevated IE result on the 24th August 2024 at 269 MPN/100ml does not require further investigation as it is only slightly higher than the **Good** classification for IE at <200 MPN/100ml.

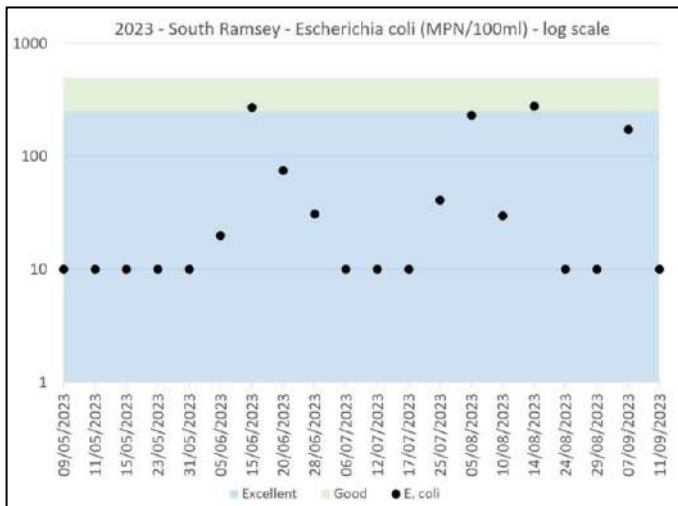


Figure 7. Escherichia coli 2023 bathing season results for South Ramsey

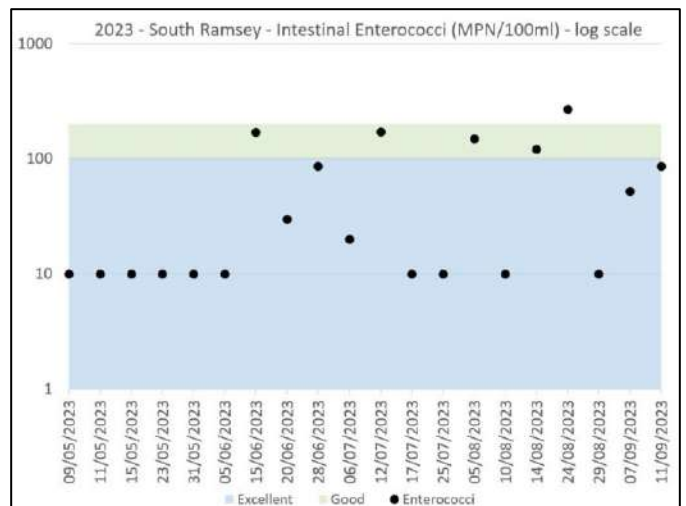


Figure 8. Intestinal enterococci 2023 bathing season results for South Ramsey

3.2.5. North Ramsey

The end of season classification for North Ramsey has improved to **Excellent** from **Good** in 2022. The classification is still based off of a limited data set as it has only been sampled for 3 years. For the 2023 bathing season 100% of the results achieved **Excellent** and **Good** classification for both EC and IE.

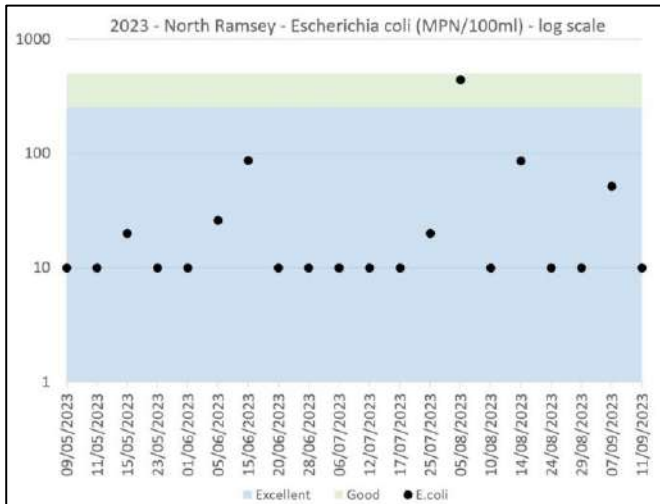


Figure 9. Escherichia coli 2023 bathing season results for North Ramsey

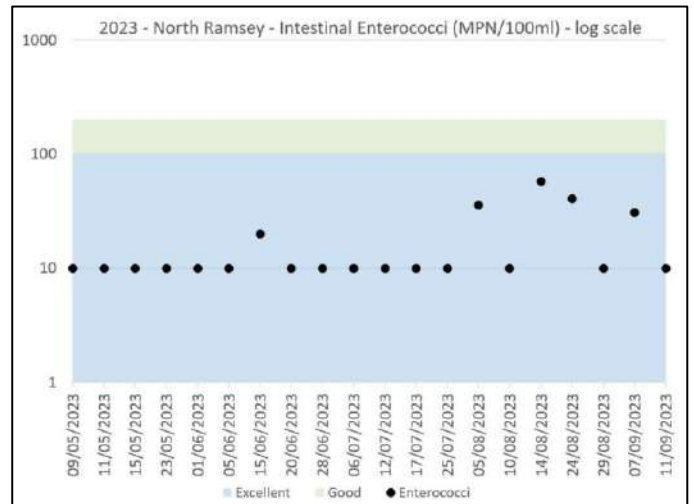


Figure 10. Intestinal enterococci 2023 bathing season results for North Ramsey

3.2.6. Glen Wyllin

The end of season classification for Glen Wyllin has improved to **Excellent** from **Good** in 2022. For the 2023 bathing season 100% of the results achieved **Excellent** classification for both EC and IE.

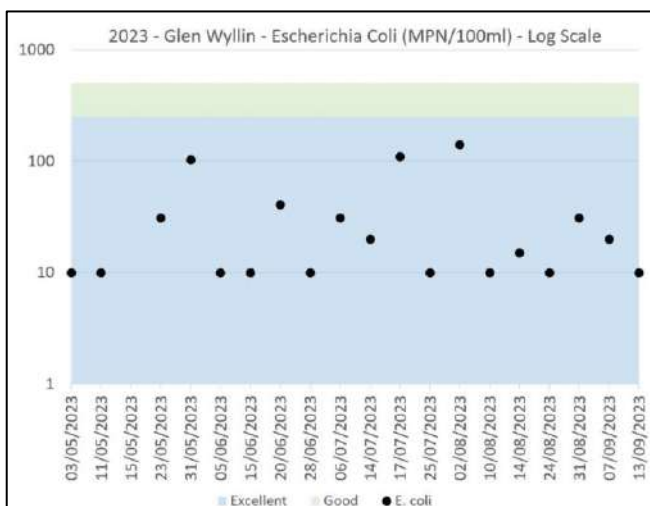


Figure 11. Escherichia coli 2023 bathing season results for Glen Wyllin

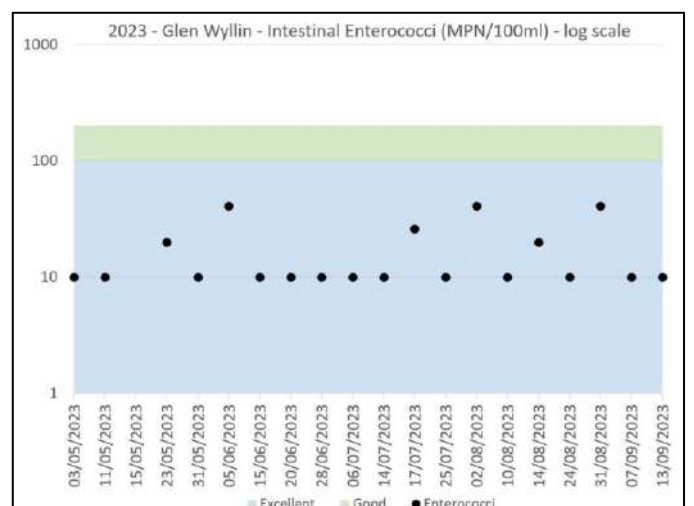


Figure 12. Intestinal enterococci 2023 bathing season results for Glen Wyllin

3.2.7. Port Erin

The end of season classification for Port Erin has improved to **Excellent** for 2023. In 2022 the classification reduced to **Good** due to a couple of elevated results within the four year data set. For the 2023 bathing season 95% of EC and 90% of IE results achieved **Excellent** or **Good** classification. The elevated results on the 11th September for both EC and IE at 4352 and 4884 MPN/100ml respectively. Heavy rain on the 10th and 11th September was recorded at Ronaldsway Met Office with 13.3 mm of rainfall. The heavy rain is likely to have caused the elevated bacteria due to agricultural run-off into the Port Erin stream which discharges onto the beach. There are other surface water discharges which enter Port Erin bay during heavy rain and could be elevated in bacteria.

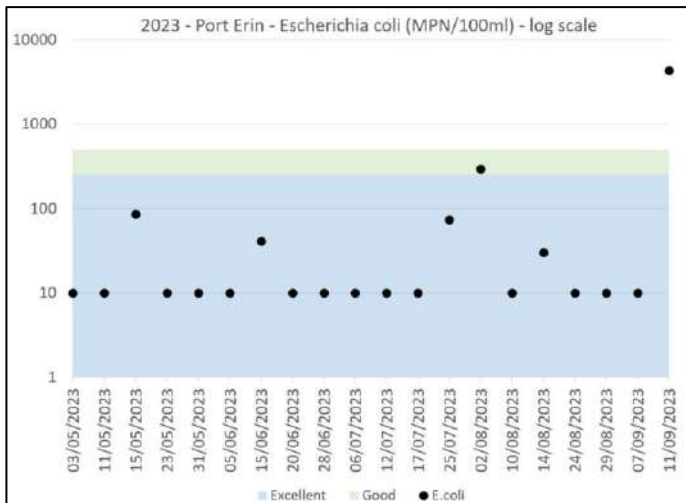


Figure 13. Escherichia coli 2023 bathing season results for Port Erin

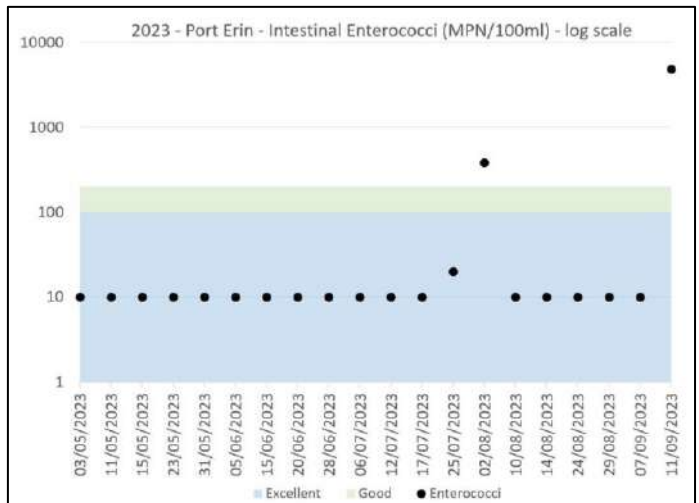


Figure 14. Intestinal enterococci 2023 bathing season results for Port Erin

3.2.8. Port St Mary

The end of season classification for Port St Mary has remained at **Good**. For the 2023 bathing season 100% of EC and 95% of IE results achieved **Excellent** or **Good** classification. The elevated IE result on the 29th August at 474 MPN/100ml. It is unclear what caused the spike in IE as there was only light rain (0.5mm) recorded on the 29th and the 28th was dry. The subsequent data dropped back down to within the **Excellent** classification the following 2 weeks of sampling so no continual concern noted.

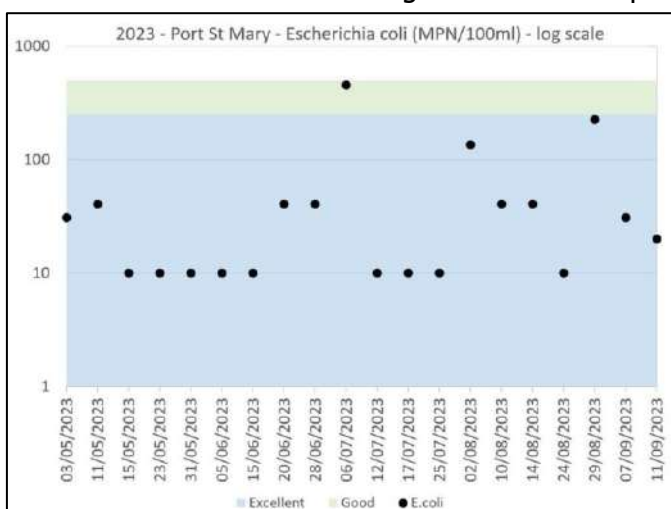


Figure 15. Escherichia coli 2023 bathing season results for Port St Mary

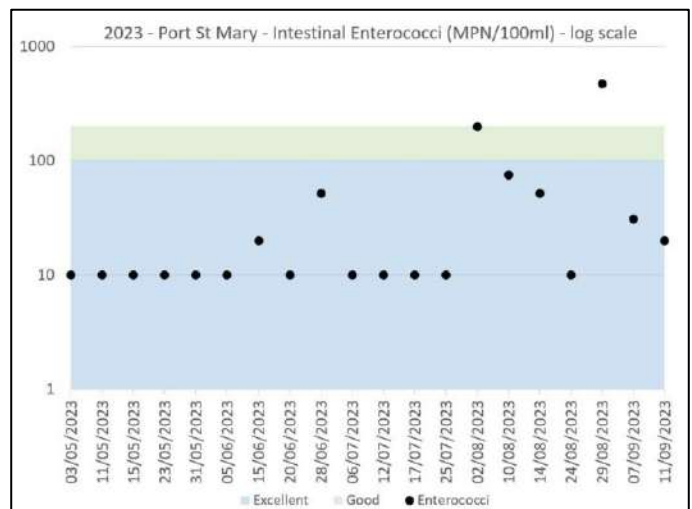


Figure 16. Intestinal enterococci 2023 bathing season results for Port St Mary

3.3. End of Season Classification for Non Designated Bathing Waters

To calculate an end of season classification for a designated bathing water a minimum of 16 samples are required and uses 4 years' worth of data. The non-designated bathing water are monitored on a 4 weekly basis and for the 2023 season it worked out as 6 samples. This allows an end of season classification to be determined with a reduced data set compared to the designated bathing waters. End of season classifications are presented in Table 2.

All of the locations detailed in the table below have been chosen due to the known use by members of the public for bathing.

All of the locations in the table below classified as **Good** or **Excellent** could seek designation in the future subject to discussions with Manx Utilities regarding the sewerage infrastructure. Local authorities can apply for designation of a bathing water through contacting the Environmental Protection Unit on 01624 685885 or emailing environmentalprotection@gov.im.

Table 2. End of season classification for non-designated bathing waters

| Bathing Water | 2023 Classification | Short Term Pollution (STP) Samples Disregarded |
|--------------------|---|--|
| Derbyhaven | Excellent | 0 |
| Douglas Broadway | Good | 1 - 2022 |
| Douglas Summerhill | Does not meet the minimum standard of sufficient | 1 - 2022 |
| Fenella | Does not meet the minimum standard of sufficient | 0 |
| Fishers Hill | Only 1 years' worth of data so no classification. | 0 |
| Laxey | Does not meet the minimum standard of sufficient | 0 |
| Peel | Does not meet the minimum standard of sufficient | 0 |
| Port Grenaugh | Sufficient | 1 - 2020 |
| Port Lewaigue | Good | 1 - 2023 |
| Port Skillion | Only 1 years' worth of data so no classification. | 0 |
| Port Soderick | Good | 0 |

4. Comparison to Previous Data

In comparison to previous years (Table 3 and Figures 18 and 19), the percentage of samples achieving **Excellent** classification has increased to 93% near to the 94% reported in 2021. The increase in **Excellent** classified samples correlates with a decrease in the percentage of samples containing an increase in bacteria at **Good** or **Poor** concentrations since 2020.

The 2023 bathing water samples were better than 2019, 2020 and 2022 with only 2% of EC and 8% of IE samples being classified as **Poor**. The improvement in the number of samples achieving **Excellent** classification during 2023 is likely to be due to the dry weather in May and June. July was recorded as the wettest on record and August was similar to the long term average.

Table 3. Percentage of samples in each bathing season achieving each classification

| Year | Classification | Escherichia Coli (EC) | | | Intestinal Enterococci (IE) | | |
|------|----------------|-----------------------|------|------|-----------------------------|-------|-------|
| | | Excellent | Good | Poor | Excellent | Good | Poor |
| 2019 | | 89% | 5% | 6% | 87.50% | 5% | 7.50% |
| 2020 | | 82% | 7% | 11% | 76% | 8% | 16% |
| 2021 | | 94% | 3% | 3% | 90% | 5% | 5% |
| 2022 | | 90% | 6% | 4% | 87.70% | 3.70% | 8.60% |
| 2023 | | 93% | 5% | 2% | 89% | 3% | 8% |

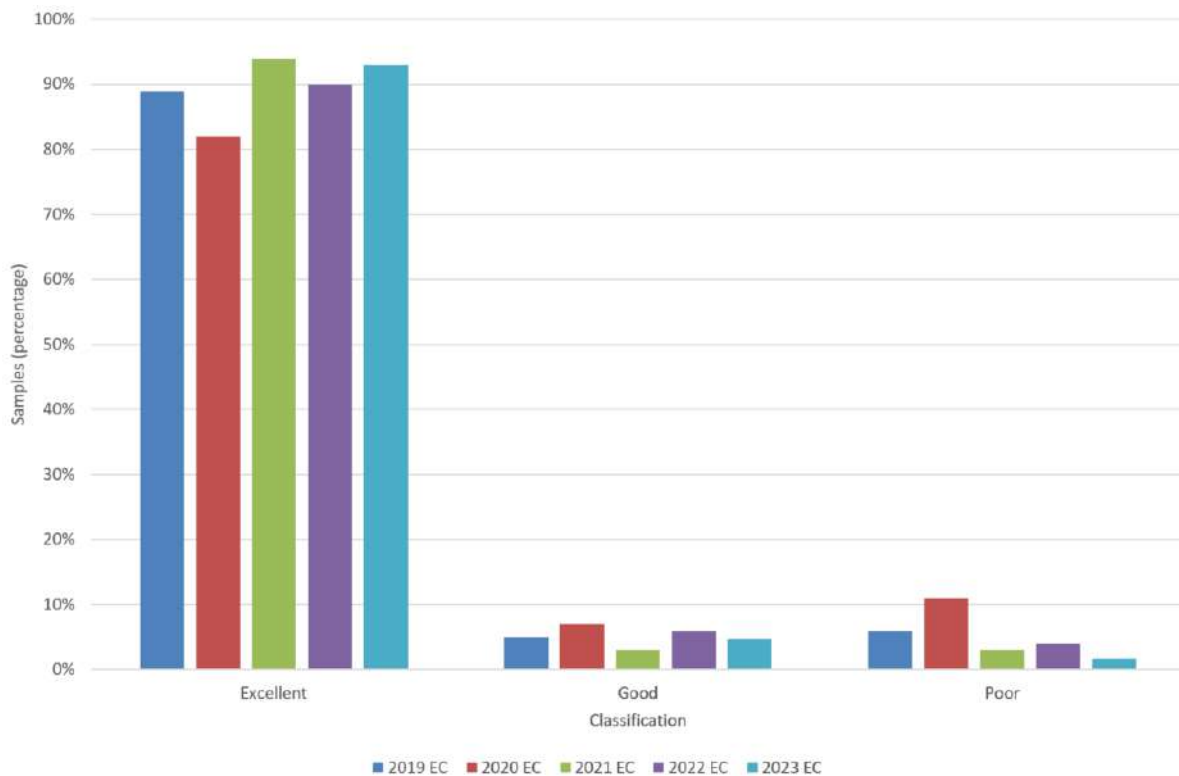


Figure 17. Number of Escherichia coli (EC) samples classified by each grade 2019 - 2023

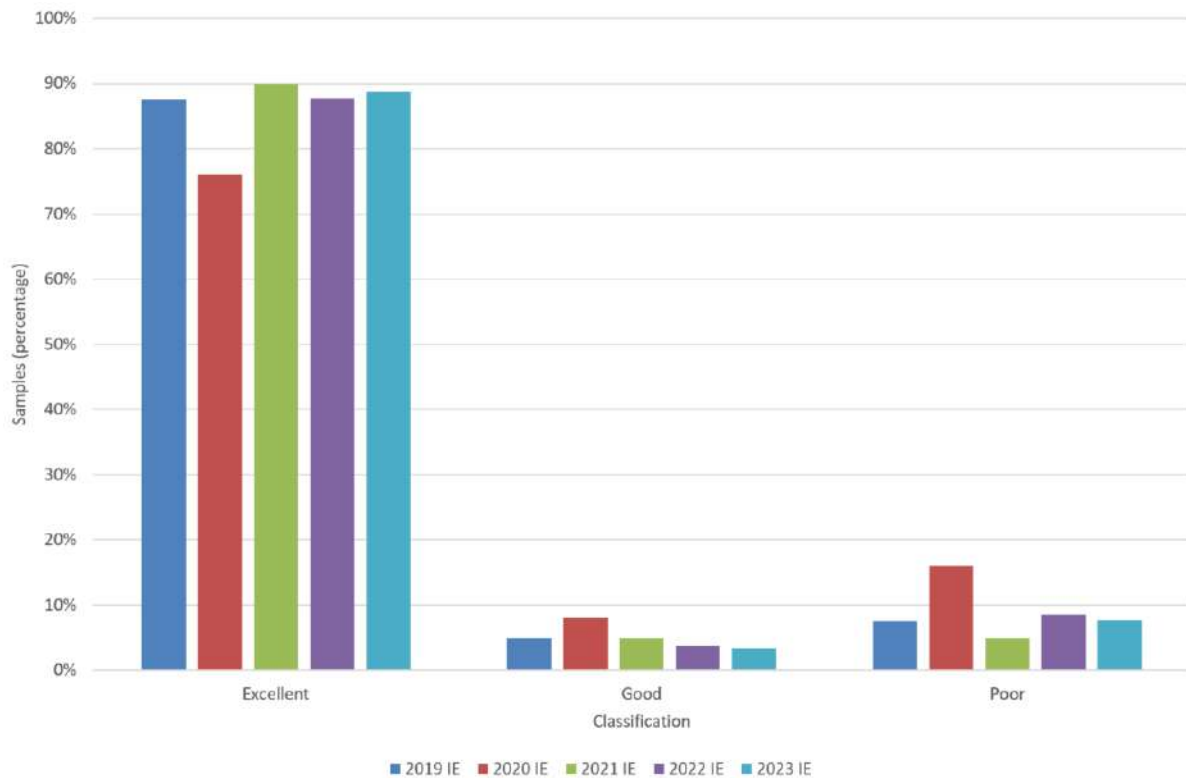


Figure 18. Number of Intestinal Enterococci (IE) samples classified by each grade 2019 - 2023

5. Short Term Pollution Events

Short term pollution (STP) events occur when a sample contains higher than usual values of either bacterial concentrations; Escherichia Coli (EC) or Intestinal Enterococci (IE) and are isolated events (one-off). The date of the sampling is a declaration of an STP event start; this type of sample may be disregarded from the end of season classification but **must** be reported. This procedure is in line with the [European Environmental Agency – Guidelines for the assessment under the Bathing Water Directive](#).

In Sections 3.2 and 3.3 the numbers of samples regarded as an STP has been detailed in Table 1 and 2. At locations where there is a raw sewage discharge no results can be determined as an STP as elevated concentrations of bacteria are expected due to the discharge of untreated sewage.

Further information on the STP procedure can be found in the [Bathing Water Policy](#).

6. Conclusions

Overall, the bathing water samples collected during the 2023 bathing season recorded low concentrations of EC and IE. For the 2023 samples; 95% of EC and 90% of IE results achieved **Excellent** classification respectively. Three of the end of season classifications have improved to **Excellent** (Port Erin, North Ramsey and Glen Wyllin) with the remaining locations remaining with the same classification. The classification for Castletown has remained the same at **Sufficient** but the data from 2023 was not elevated so further investigations were not required. The Department will continue to monitor the data during the 2024 bathing season and investigated any elevated results.

The Department continues to work with landowners and Manx Utilities to ensure the best bathing water quality by reducing agricultural pollution and overflows from the sewerage networks during

periods of adverse weather. Planning is currently being sought for a sewage treatment works in Peel which when constructed and operational will enable Peel and Fenella to be designated as bathing waters if the Local Authorities apply to the Department.

7. 2024 Bathing Season

No applications were received from any Local Authorities requesting designation of a bathing water for the 2024 bathing season. Therefore for the 2024 bathing season the following sites will be monitored on a weekly basis;

- Bay ny Carrickey
- Castletown
- Douglas Central
- Glen Wyllin
- North Ramsey
- Port Erin
- Port St Mary
- South Ramsey

Further to the review of the non-designated bathing waters in 2023 as part of the Island Plan; for the 2024 bathing season there are no changes to the non-designated bathing waters which are sampled on a 4 weekly basis. The sites are;

- Derbyhaven
- Douglas Broadway
- Douglas Summerhill
- Fenella
- Fishers Hill
- Laxey
- Peel
- Port Grenaugh
- Port Lewaigue
- Port Skillion
- Port Soderick

8. Frequently Asked Questions

8.1. When does sampling commence?

The bathing season starts on the 1st May and the first set of samples will be collected on or around that date. A pre-season sample will be collected during the last week of April as this is required under the Scheme.

The sampling calendar will be published [here](#) prior to the start of the bathing season.

8.2. Where can you view the bathing water standards?

The bathing water standards are included in the [Water Pollution \(Bathing Water Standards and Objectives\) Scheme 2021](#) which was approved by Tynwald in April 2021.

8.3. How do I apply for a new location to be designated?

Local authorities can apply for a location to be designated by contacting the Environmental Protection Unit on 01624 685885 or by emailing environmentalprotection@gov.im.

Where sampling is already being undertaken the classification needs to be a minimum of Good. If designation is being considered it is advisable for the local authority to contact the Department as early as possible. If an application is received during the bathing season sampling frequency can be increased to weekly to provide sufficient data for the end of season classification.

Where sampling has not been undertaken the Department will review the Manx Utilities infrastructure in the area and if designation is possible officers will collect weekly samples for one bathing season prior to designation to allow a 'Newly Identified' classification to be determined.

8.4. Where are the results published?

All of the data is published on the [Environmental Protection Unit's bathing water webpage](#) under the site specific bathing water profiles or 'Additional Bathing Water Monitoring' section. There are QR codes on all of bathing water signs to direct the public to the webpages.

8.5. How does rainfall impact on bathing water quality?

Rainfall can increase the bacterial concentration in the water due to screened overflows from the Manx Utilities sewerage infrastructure and run off from agricultural land and highways. It is recommended for bathers not to enter the marine environment within 48 hours of adverse weather.

8.6. What should I do if the recent bathing water classification is Poor?

The bathing water classifications are designed to provide the public with information as to the faecal indicator organism count in the water. It is down to each individual person to decide whether to enter the water. Whenever swimming in open water, good hygiene practices are recommended, such as washing your hands before eating, as the faecal indicator organisms measured in the water have been proven by the World Health Organisation to be linked with causing stomach upsets. When the classification is poor this information will be provided on [bathing water webpage](#); the beach and water will remain open for the public to enjoy.

8.7. What sampling is undertaken during the winter?

In the Island Plan, a commitment was made to undertake year round bathing water sampling. DEFA reviewed the commitment and decided they would undertake a trial for winter sampling. Samples were collected on a monthly basis between October 2022 and April 2023. Concerns were raised by officers and colleagues in the IoM Coastguard regarding sampling officer safety during the winter when adverse weather is more common.

The 2022 designated bathing water were sampled as part of the trial;

- Bay ny Carrickey
- Castletown
- Douglas Central
- Glen Wyllin
- Port Erin
- Port St Mary
- South Ramsey

After consulting with the IoM Coastguard; they have specified that two officers are required to ensure there is shore cover and supervision in the event of an emergency. There are also additional procedures for collecting samples such as contacting the Marine Operations Centre prior to/after collecting samples and lower sea states for safe sampling. Where samples have not been collected due to unsafe conditions and on site dynamic risk assessments it has been stated in the graphs where the data is presented.

The data from this sampling can be viewed [here](#). This data cannot be compared to the summer data as there are no standards in the UK or EU to assess data collected during the winter. Due to reduced daylight hours and increased rainfall the concentrations of E.coli and Intestinal Enterococci are expected to be higher than during the bathing season.

A full report reviewing all of the data and long term feasibility of this trial can be viewed [here](#). It was concluded not to continue with winter sampling due to time efficiency and officer safety.

9. Appendices

9.1. 2023 Weekly Sampling Data

| DATE | LAB NUMBER | SAMPLING POINT | TIDE CONDITIONS | LIGHT | SEA STATE | SAMPLING TIME | SEA TEMP. °C | NO. BATHERS | WIND DIRECTION | WIND VELOCITY MPH | RAINFALL MM | TOTAL COLIFORMS MPN PER 100ML | E.COLI MPN PER 100ML | ENTEROCOCCI MPN PER 100ML |
|----------|------------|----------------------|-----------------|--------|-----------|---------------|--------------|-------------|----------------|-------------------|-------------|-------------------------------|----------------------|---------------------------|
| 24/04/23 | 2997 | Port Erin | LOW | CLOUDY | 1 | 10.20 | 9.8 | 0 | NE | 10 | 0 | 63 | 20 | 10 |
| 24/04/23 | 2998 | Port St Mary | LOW | BRIGHT | 1 | 10.05 | 9.5 | 0 | NE | 10 | 0 | <10 | <10 | <10 |
| 24/04/23 | 2999 | Bay - Ny - Carrickey | LOW | BRIGHT | 1 | 9.55 | 9.5 | 0 | NE | 10 | 0 | 20 | <10 | 10 |
| 24/04/23 | 3000 | Castletown | LOW | BRIGHT | 1 | 10.50 | 9.5 | 0 | NE | 10 | 0 | 10 | 10 | <10 |
| 24/04/23 | 3001 | Douglas Central | LOW | BRIGHT | 1 | 11.25 | 10.1 | 0 | NE | 10 | 0 | 20 | 20 | <10 |
| 24/04/23 | 3002 | Glen Wyllin | LOW | BRIGHT | 2 | 9.10 | 9.9 | 0 | NE | 10 | 0 | 20 | <10 | 10 |
| 03/05/23 | 3241 | Port Erin | MEDIUM | HEAVY | 1 | 8.05 | 9.9 | 0 | E | 12 | 0 | 31 | 10 | <10 |
| 03/05/23 | 3242 | Port St Mary | MEDIUM | HEAVY | 1 | 8.15 | 11.5 | 0 | E | 12 | 0 | 52 | 31 | <10 |
| 03/05/23 | 3243 | Bay - Ny - Carrickey | HIGH | HEAVY | 2 | 8.25 | 10.5 | 0 | E | 12 | 0 | 75 | 20 | <10 |
| 03/05/23 | 3245 | Glen Wyllin | HIGH | BRIGHT | 1 | 9.20 | 11.5 | 0 | E | 12 | 0 | <10 | <10 | <10 |
| 03/05/23 | 3244 | Castletown | HIGH | HEAVY | 2 | 8.40 | 10.5 | 0 | E | 12 | 0 | <10 | <10 | <10 |
| 09/05/23 | 3421 | Douglas Central | MEDIUM | CLOUDY | 1 | 10.30 | 11.3 | 0 | W | 7.8 | 0.5 | 160 | 20 | <10 |
| 09/05/23 | 3422 | South Ramsey | LOW | CLOUDY | 2 | 9.15 | 10.9 | 2 | W | 7.8 | 0.5 | 310 | <10 | <10 |
| 09/05/23 | 3423 | North Ramsey | LOW | BRIGHT | 2 | 9.05 | 10.9 | 0 | W | 7.8 | 0.5 | <10 | <10 | <10 |
| 11/05/23 | 3504 | Port Erin | LOW | HEAVY | 2 | 8.50 | 12.3 | 0 | SW | 6.7 | TRACE | 20 | 10 | <10 |
| 11/05/23 | 3505 | Port St Mary | LOW | HEAVY | 1 | 8.35 | 11.0 | 0 | SW | 6.7 | TRACE | 98 | 41 | 10 |
| 11/05/23 | 3506 | Bay - Ny - Carrickey | LOW | HEAVY | 1 | 8.20 | 10.7 | 0 | SW | 6.7 | TRACE | 10 | <10 | <10 |
| 11/05/23 | 3507 | Castletown | LOW | HEAVY | 1 | 8.05 | 11.5 | 0 | SW | 6.7 | TRACE | <10 | <10 | <10 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----|-----|-------|-----|-----|-----|
| 11/05/23 | 3508 | Douglas Central | LOW | BRIGHT | 1 | 11.40 | 13.0 | 0 | SW | 6.7 | TRACE | 10 | <10 | <10 |
| 11/05/23 | 3509 | South Ramsey | LOW | HEAVY | 2 | 10.45 | 12.0 | 0 | SW | 6.7 | TRACE | 10 | <10 | <10 |
| 11/05/23 | 3510 | North Ramsey | LOW | HEAVY | 2 | 10.25 | 11.4 | 0 | SW | 6.7 | TRACE | <10 | <10 | <10 |
| 11/05/23 | 3511 | Glen Wyllin | LOW | CLOUDY | 2 | 9.50 | 12.2 | 0 | SW | 6.7 | TRACE | 20 | 20 | <10 |
| 15/05/23 | 3577 | Port Erin | HIGH | BRIGHT | 2 | 9.25 | 11.1 | 0 | NW | 12 | 0 | 110 | 86 | <10 |
| 15/05/23 | 3578 | Port St Mary | HIGH | BRIGHT | 0 | 9.10 | 11 | 0 | NW | 12 | 0 | 10 | <10 | <10 |
| 15/05/23 | 3579 | Bay - Ny - Carrickey | HIGH | BRIGHT | 1 | 9.00 | 11.2 | 3 | NW | 12 | 0 | <10 | <10 | <10 |
| 15/05/23 | 3580 | Castletown | HIGH | BRIGHT | 1 | 8.45 | 10.6 | 0 | NW | 12 | 0 | 10 | <10 | <10 |
| 15/05/23 | 3581 | Douglas Central | MEDIUM | BRIGHT | 1 | 11.50 | 11.9 | 0 | NW | 12 | 0 | <10 | <10 | <10 |
| 15/05/23 | 3582 | South Ramsey | MEDIUM | BRIGHT | 2 | 11.00 | 11.7 | 0 | NW | 12 | 0 | <10 | <10 | <10 |
| 15/05/23 | 3583 | North Ramsey | MEDIUM | BRIGHT | 3 | 10.50 | 11.5 | 0 | NW | 12 | 0 | 52 | 20 | <10 |
| 23/05/23 | 3784 | Port Erin | LOW | BRIGHT | 3 | 10.10 | 11.4 | 0 | NE | 15 | 0 | 10 | <10 | <10 |
| 23/05/23 | 3785 | Port St Mary | LOW | BRIGHT | 1 | 10.25 | 11.7 | 0 | NE | 15 | 0 | <10 | <10 | <10 |
| 23/05/23 | 3786 | Bay - Ny - Carrickey | LOW | BRIGHT | 1 | 10.40 | 11.4 | 0 | NE | 15 | 0 | <10 | <10 | <10 |
| 23/05/23 | 3787 | Castletown | LOW | BRIGHT | 1 | 10.55 | 12.6 | 0 | NE | 15 | 0 | <10 | <10 | <10 |
| 23/05/23 | 3788 | Douglas Central | MEDIUM | BRIGHT | 1 | 11.30 | 13.3 | 0 | NE | 15 | 0 | 63 | 31 | <10 |
| 23/05/23 | 3789 | South Ramsey | LOW | BRIGHT | 2 | 8.20 | 11.9 | 0 | NE | 15 | 0 | 20 | 10 | <10 |
| 23/05/23 | 3790 | North Ramsey | LOW | BRIGHT | 2 | 8.35 | 11.9 | 0 | NE | 15 | 0 | 20 | 10 | <10 |
| 23/05/23 | 3791 | Glen Wyllin | LOW | BRIGHT | 2 | 9.10 | 13.2 | 0 | NE | 15 | 0 | 97 | 31 | 20 |
| 31/05/23 | 4005 | Port Erin | HIGH | HEAVY | 1 | 9.10 | 12.3 | 0 | E | 8 | 0 | 10 | 10 | <10 |
| 31/05/23 | 4006 | Port St Mary | HIGH | HEAVY | 1 | 8.55 | 13 | 0 | E | 8 | 0 | <10 | <10 | <10 |
| 31/05/23 | 4007 | Bay - Ny - Carrickey | HIGH | HEAVY | 3 | 8.45 | 13.1 | 0 | E | 8 | 0 | 450 | 199 | 52 |
| 31/05/23 | 4008 | Castletown | HIGH | HEAVY | 2 | 8.30 | 13.4 | 2 | E | 8 | 0 | 20 | 10 | <10 |
| 31/05/23 | 4009 | Douglas Central | MEDIUM | BRIGHT | 2 | 11.55 | 13.8 | 2 | E | 8 | 0 | 201 | 187 | 10 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----------|--------|---|------|-----|-----|
| 31/05/23 | 4010 | South Ramsey | MEDIUM | BRIGHT | 4 | 11.05 | 13.7 | 0 | E | 8 | 0 | 31 | 10 | 10 |
| 31/05/23 | 4011 | Glen Wyllin | HIGH | BRIGHT | 3 | 10.15 | 14.4 | 2 | E | 8 | 0 | 108 | 103 | 10 |
| 01/06/23 | 4032 | North Ramsey | HIGH | HEAVY | 3 | 11.20 | 14.3 | 0 | E | 10 | 0 | 30 | 10 | 10 |
| 05/06/23 | 4082 | Port Erin | MEDIUM | BRIGHT | 1 | 9.55 | 12.1 | 2 | E | 7 | 0 | <10 | <10 | 10 |
| 05/06/23 | 4083 | Port St Mary | MEDIUM | BRIGHT | 1 | 10.10 | 13.4 | 0 | E | 7 | 0 | <10 | <10 | 10 |
| 05/06/23 | 4084 | Bay - Ny - Carrickey | MEDIUM | CLOUDY | 2 | 10.20 | 14.0 | 5 | E | 7 | 0 | 20 | <10 | <10 |
| 05/06/23 | 4085 | Castletown | MEDIUM | BRIGHT | 1 | 10.40 | 13.5 | 0 | E | 7 | 0 | <10 | <10 | <10 |
| 05/06/23 | 4086 | Douglas Central | HIGH | BRIGHT | 2 | 11.20 | 15.0 | 3 | E | 7 | 0 | 41 | 41 | <10 |
| 05/06/23 | 4087 | South Ramsey | LOW | BRIGHT | 2 | 8.35 | 13.6 | 2 | E | 7 | 0 | 63 | 20 | <10 |
| 05/06/23 | 4088 | North Ramsey | LOW | BRIGHT | 2 | 8.45 | 13.5 | 0 | E | 7 | 0 | 81 | 26 | <10 |
| 05/06/23 | 4089 | Glen Wyllin | LOW | BRIGHT | 0 | 8.05 | 13.8 | 0 | E | 7 | 0 | <10 | <10 | 41 |
| 15/06/23 | 4337 | Port Erin | MEDIUM | BRIGHT | 1 | 7.35 | 12.1 | 0 | E | 11 | 0 | 98 | 41 | 10 |
| 15/06/23 | 4338 | Port St Mary | MEDIUM | CLOUDY | 1 | 7.25 | 15.1 | 0 | E | 11 | 0 | <10 | <10 | 20 |
| 15/06/23 | 4339 | Bay - Ny - Carrickey | MEDIUM | CLOUDY | 2 | 7.15 | 13.4 | 3 | E | 11 | 0 | 10 | 10 | <10 |
| 15/06/23 | 4340 | Castletown | MEDIUM | CLOUDY | 2 | 7.00 | 13.3 | 0 | E | 11 | 0 | 10 | <10 | <10 |
| 15/06/23 | 4341 | Douglas Central | MEDIUM | BRIGHT | 2 | 6.30 | 13.8 | 0 | E | 11 | 0 | <10 | <10 | <10 |
| 15/06/23 | 4342 | South Ramsey | HIGH | BRIGHT | 3 | 9.30 | 14.9 | 0 | E | 11 | 0 | 408 | 272 | 169 |
| 15/06/23 | 4343 | North Ramsey | HIGH | BRIGHT | 3 | 9.20 | 15.0 | 0 | E | 11 | 0 | 138 | 87 | 20 |
| 15/06/23 | 4344 | Glen Wyllin | HIGH | BRIGHT | 1 | 8.30 | 14.9 | 0 | E | 11 | 0 | <10 | <10 | <10 |
| 20/06/23 | 4514 | Port Erin | MEDIUM | BRIGHT | 1 | 10.55 | 13.9 | 0 | Variable | 5 - 10 | 0 | 52 | <10 | 10 |
| 20/06/23 | 4515 | Port St Mary | MEDIUM | CLOUDY | 0 | 10.40 | 15 | 0 | Variable | 5 - 10 | 0 | 97 | 41 | 10 |
| 20/06/23 | 4516 | Bay - Ny - Carrickey | MEDIUM | CLOUDY | 0 | 10.30 | 15.2 | 0 | Variable | 5 - 10 | 0 | 426 | 231 | 97 |
| 20/06/23 | 4517 | Castletown | MEDIUM | BRIGHT | 2 | 11.20 | 16 | 0 | Variable | 5 - 10 | 0 | 3255 | 187 | 63 |
| 20/06/23 | 4518 | Douglas Central | HIGH | BRIGHT | 2 | 11.50 | 16 | 0 | Variable | 5 - 10 | 0 | 134 | 64 | 10 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----------|--------|-----|-------|-----|-----|
| 20/06/23 | 4519 | South Ramsey | LOW | HEAVY | 1 | 9.05 | 14.4 | 0 | Variable | 5 - 10 | 0 | 173 | 75 | 30 |
| 20/06/23 | 4520 | North Ramsey | LOW | HEAVY | 1 | 9.20 | 14.4 | 0 | Variable | 5 - 10 | 0 | 17329 | <10 | <10 |
| 20/06/23 | 4521 | Glen Wyllin | MEDIUM | HEAVY | 2 | 9.45 | 15.1 | 0 | Variable | 5 - 10 | 0 | 1670 | 41 | 10 |
| 22/06/23 | 4616 | North Ramsey | MEDIUM | BRIGHT | 2 | 11.55 | 17.2 | 0 | | | | 592 | <10 | <10 |
| 28/06/23 | 4764 | Port Erin | HIGH | CLOUDY | 1 | 9.06 | 15.9 | 0 | S | 6 | 2 | <10 | <10 | <10 |
| 28/06/23 | 4765 | Port St Mary | HIGH | CLOUDY | 1 | 9.20 | 14.8 | 0 | S | 6 | 2 | 233 | 41 | 52 |
| 28/06/23 | 4766 | Bay - Ny - Carrickey | HIGH | CLOUDY | 2 | 8.50 | 14.6 | 1 | S | 6 | 2 | 275 | 62 | 20 |
| 28/06/23 | 4767 | Castletown | HIGH | CLOUDY | 2 | 8.35 | 15.6 | 0 | S | 6 | 2 | 504 | <10 | <10 |
| 28/06/23 | 4768 | Douglas Central | LOW | HEAVY | 2 | 12.30 | 15 | 0 | S | 6 | 2 | 563 | 109 | 20 |
| 28/06/23 | 4769 | South Ramsey | LOW | HEAVY | 2 | 11.50 | 15.5 | 0 | S | 6 | 2 | 369 | 31 | 86 |
| 28/06/23 | 4770 | North Ramsey | LOW | HEAVY | 2 | 11.35 | 15.2 | 0 | S | 6 | 2 | 52 | <10 | 10 |
| 28/06/23 | 4771 | Glen Wyllin | MEDIUM | HEAVY | 2 | 11.00 | 16 | 0 | S | 6 | 2 | 20 | <10 | <10 |
| 06/07/23 | 5320 | Port Erin | MEDIUM | CLOUDY | 1 | 10.40 | 15.2 | 0 | SW | 15.6 | 3.6 | 408 | <10 | <10 |
| 06/07/23 | 5321 | Port St Mary | MEDIUM | CLOUDY | 1 | 10.55 | 15.5 | 0 | SW | 15.6 | 3.6 | 794 | 457 | 10 |
| 06/07/23 | 5322 | Bay - Ny - Carrickey | MEDIUM | CLOUDY | 2 | 11.05 | 14.8 | 0 | SW | 15.6 | 3.6 | 243 | 10 | <10 |
| 06/07/23 | 5323 | Castletown | MEDIUM | CLOUDY | 3 | 11.20 | 15.3 | 0 | SW | 15.6 | 3.6 | 228 | 20 | <10 |
| 06/07/23 | 5324 | Douglas Central | MEDIUM | CLOUDY | 3 | 11.50 | 15.9 | 0 | SW | 15.6 | 3.6 | 9208 | 30 | <10 |
| 06/07/23 | 5325 | South Ramsey | LOW | HEAVY | 1 | 8.40 | | 0 | SW | 15.6 | 3.6 | 148 | 10 | 20 |
| 06/07/23 | 5326 | North Ramsey | LOW | HEAVY | 1 | 9.00 | | 0 | SW | 15.6 | 3.6 | 41 | 10 | <10 |
| 06/07/23 | 5327 | Glen Wyllin | LOW | HEAVY | 2 | 9.35 | | 0 | SW | 15.6 | 3.6 | 110 | 31 | 10 |
| 12/07/23 | 5421 | Port Erin | HIGH | HEAVY | 2 | 7.30 | 15.1 | 0 | W | 11.5 | 0.6 | 20 | <10 | <10 |
| 12/07/23 | 5422 | Port St Mary | HIGH | HEAVY | 2 | 7.20 | 14.6 | 0 | W | 11.5 | 0.6 | 10 | 10 | <10 |
| 12/07/23 | 5423 | Bay - Ny - Carrickey | HIGH | HEAVY | 2 | 7.10 | 14.7 | 2 | W | 11.5 | 0.6 | 47 | 10 | <10 |
| 12/07/23 | 5424 | Castletown | HIGH | HEAVY | 3 | 6.55 | 15.2 | 0 | W | 11.5 | 0.6 | 767 | 41 | 393 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----|------|------|--------|------|------|
| 12/07/23 | 5425 | Douglas Central | HIGH | HEAVY | 2 | 6.30 | 14.6 | 0 | W | 11.5 | 0.6 | 148 | 52 | 20 |
| 12/07/23 | 5426 | South Ramsey | HIGH | HEAVY | 1 | 9.00 | 15.1 | 0 | W | 11.5 | 0.6 | 41 | <10 | 171 |
| 12/07/23 | 5427 | North Ramsey | HIGH | HEAVY | 1 | 8.50 | 14.9 | 0 | W | 11.5 | 0.6 | <10 | <10 | <10 |
| 14/07/23 | 5542 | Glen Wyllin | HIGH | BRIGHT | 2 | 8.45 | 15.9 | 0 | SE | 16.3 | 11.7 | 41 | 20 | <10 |
| 17/07/23 | 5598 | Port Erin | HIGH | CLOUDY | 1 | 10.50 | 15.6 | 6 | W | 8.5 | 0.2 | 6488 | 10 | <10 |
| 17/07/23 | 5599 | Port St Mary | HIGH | CLOUDY | 1 | 10.40 | 15.5 | 5 | W | 8.5 | 0.2 | 717 | <10 | <10 |
| 17/07/23 | 5600 | Bay - Ny - Carrickey | HIGH | CLOUDY | 1 | 10.30 | 15.2 | 0 | W | 8.5 | 0.2 | 4352 | <10 | <10 |
| 17/07/23 | 5601 | Castletown | HIGH | HEAVY | 2 | 10.15 | 15.5 | 0 | W | 8.5 | 0.2 | 2613 | <10 | 10 |
| 17/07/23 | 5602 | Douglas Central | MEDIUM | CLOUDY | 1 | 9.40 | 15.4 | 0 | W | 8.5 | 0.2 | 5794 | 189 | <10 |
| 17/07/23 | 5603 | South Ramsey | MEDIUM | CLOUDY | 1 | 9.05 | 15.0 | 0 | W | 8.5 | 0.2 | 31 | 10 | 10 |
| 17/07/23 | 5604 | North Ramsey | MEDIUM | CLOUDY | 1 | 9.00 | 14.7 | 0 | W | 8.5 | 0.2 | 384 | <10 | <10 |
| 17/07/23 | 5605 | Glen Wyllin | MEDIUM | BRIGHT | 2 | 8.25 | 15.1 | 0 | W | 8.5 | 0.2 | 8686 | 110 | 26 |
| 25/07/23 | 5922 | Port Erin | LOW | BRIGHT | 3 | 9.10 | 14.6 | 0 | W | 9.5 | 1 | 496 | 74 | 20 |
| 25/07/23 | 5923 | Port St Mary | LOW | BRIGHT | 1 | 9.00 | 14.7 | 0 | W | 9.5 | 1 | 84 | <10 | <10 |
| 25/07/23 | 5924 | Bay - Ny - Carrickey | LOW | BRIGHT | 1 | 8.40 | 14.9 | 2 | W | 9.5 | 1 | <10 | <10 | <10 |
| 25/07/23 | 5925 | Castletown | LOW | BRIGHT | 1 | 8.25 | 14.8 | 0 | W | 9.5 | 1 | 708 | 41 | 20 |
| 25/07/23 | 5926 | Douglas Central | LOW | BRIGHT | 1 | 12.10 | 16.7 | 0 | W | 9.5 | 1 | 20 | <10 | <10 |
| 25/07/23 | 5927 | South Ramsey | LOW | BRIGHT | 2 | 11.05 | 16 | 0 | W | 9.5 | 1 | 160 | 41 | 10 |
| 25/07/23 | 5928 | North Ramsey | LOW | BRIGHT | 2 | 11.15 | 16.2 | 0 | W | 9.5 | 1 | 98 | 20 | <10 |
| 25/07/23 | 5929 | Glen Wyllin | LOW | BRIGHT | 4 | 10.15 | 15.7 | 0 | W | 9.5 | 1 | 25 | 10 | <10 |
| 02/08/23 | 6127 | Port Erin | LOW | HEAVY | 1 | 9.05 | 15.3 | 2 | NE | 12 | 2 | 1314 | 292 | 384 |
| 02/08/23 | 6128 | Port St Mary | LOW | HEAVY | 2 | 8.50 | 15.2 | 0 | NE | 12 | 2 | 246 | 135 | 199 |
| 02/08/23 | 6129 | Bay - Ny - Carrickey | LOW | HEAVY | 3 | 8.40 | 14.9 | 0 | NE | 12 | 2 | >24196 | 2247 | 1918 |
| 02/08/23 | 6130 | Castletown | MEDIUM | HEAVY | 2 | 9.25 | 15.3 | 0 | NE | 12 | 2 | 512 | 63 | 74 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----|------|------|------|-----|------|
| 02/08/23 | 6131 | Glen Wyllin | MEDIUM | HEAVY | 3 | 10.25 | 15.2 | 0 | NE | 12 | 2 | 457 | 140 | 41 |
| 04/08/23 | 6233 | Douglas Central | MEDIUM | BRIGHT | 2 | 11.05 | 16.6 | 0 | E | 15.4 | 16.1 | 479 | 110 | 10 |
| 04/08/23 | 6234 | South Ramsey | LOW | BRIGHT | 3 | 9.40 | 15.1 | 0 | E | 15.4 | 16.1 | 771 | 231 | 148 |
| 04/08/23 | 6235 | North Ramsey | LOW | BRIGHT | 4 | 10.00 | 15.3 | 0 | E | 15.4 | 16.1 | 1636 | 441 | 36 |
| 10/08/23 | 6386 | Port Erin | HIGH | HEAVY | 1 | 8.50 | 15.1 | 1 | S | 6.5 | 0 | <10 | <10 | <10 |
| 10/08/23 | 6387 | Port St Mary | HIGH | HEAVY | 2 | 8.40 | 16.2 | 0 | S | 6.5 | 0 | 96 | 41 | 75 |
| 10/08/23 | 6388 | Bay - Ny - Carrickey | HIGH | HEAVY | 2 | 8.30 | 15.8 | 0 | S | 6.5 | 0 | 420 | 296 | 31 |
| 10/08/23 | 6389 | Castletown | HIGH | HEAVY | 2 | 8.15 | 16.3 | 0 | S | 6.5 | 0 | 173 | 31 | <10 |
| 10/08/23 | 6390 | Douglas Central | HIGH | HEAVY | 2 | 7.45 | 15.9 | 0 | S | 6.5 | 0 | 85 | 30 | <10 |
| 10/08/23 | 6391 | South Ramsey | MEDIUM | HEAVY | 2 | 10.20 | 16.2 | 0 | S | 6.5 | 0 | 30 | 30 | <10 |
| 10/08/23 | 6392 | North Ramsey | MEDIUM | HEAVY | 2 | 10.10 | 16.1 | 0 | S | 6.5 | 0 | 20 | <10 | <10 |
| 10/08/23 | 6393 | Glen Wyllin | HIGH | HEAVY | 1 | 9.35 | 16.6 | 0 | S | 6.5 | 0 | 565 | 10 | 10 |
| 14/08/23 | 6437 | Port Erin | HIGH | HEAVY | 1 | 10.15 | 15.7 | 0 | E | 8 | 2.7 | 754 | 30 | 10 |
| 14/08/23 | 6438 | Port St Mary | HIGH | HEAVY | 1 | 10.00 | 16 | 1 | E | 8 | 2.7 | 97 | 41 | 52 |
| 14/08/23 | 6439 | Bay - Ny - Carrickey | HIGH | HEAVY | 2 | 9.50 | 15.7 | 1 | E | 8 | 2.7 | 691 | 374 | 146 |
| 14/08/23 | 6440 | Castletown | HIGH | HEAVY | 2 | 10.40 | 16.3 | 0 | E | 8 | 2.7 | 521 | 10 | <10 |
| 14/08/23 | 6441 | Douglas Central | HIGH | HEAVY | 3 | 11.15 | 15.9 | 0 | E | 8 | 2.7 | 717 | 135 | 9804 |
| 14/08/23 | 6442 | South Ramsey | MEDIUM | HEAVY | 2 | 8.40 | 15.3 | 0 | E | 8 | 2.7 | 644 | 279 | 120 |
| 14/08/23 | 6443 | North Ramsey | MEDIUM | HEAVY | 2 | 8.50 | 15.5 | 0 | E | 8 | 2.7 | 229 | 86 | 58 |
| 14/08/23 | 6444 | Glen Wyllin | HIGH | HEAVY | 1 | 9.15 | 15.9 | 0 | E | 8 | 2.7 | 123 | 15 | 20 |
| 24/08/23 | 6729 | Port Erin | MEDIUM | BRIGHT | 2 | 12.15 | 16.1 | 0 | W | 9.5 | 0 | 31 | <10 | <10 |
| 24/08/23 | 6730 | Port St Mary | LOW | BRIGHT | 1 | 11.50 | 16.4 | 1 | W | 9.5 | 0 | 20 | <10 | <10 |
| 24/08/23 | 6731 | Bay - Ny - Carrickey | LOW | BRIGHT | 1 | 11.40 | 15.6 | 4 | W | 9.5 | 0 | 20 | <10 | <10 |
| 24/08/23 | 6732 | Castletown | MEDIUM | BRIGHT | 2 | 12.55 | 17.4 | 0 | W | 9.5 | 0 | <10 | <10 | <10 |

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|----------|------|----------------------|--------|--------|---|-------|------|---|----|-----|-----|--------|------|------|
| 24/08/23 | 6733 | Douglas Central | MEDIUM | BRIGHT | 1 | 8.55 | 15.9 | 0 | W | 9.5 | 0 | 15 | <10 | 58 |
| 24/08/23 | 6734 | South Ramsey | LOW | BRIGHT | 2 | 9.55 | 15.8 | 0 | W | 9.5 | 0 | 10 | <10 | 269 |
| 24/08/23 | 6735 | North Ramsey | LOW | BRIGHT | 2 | 10.05 | 16 | 0 | W | 9.5 | 0 | 74 | <10 | 41 |
| 24/08/23 | 6736 | Glen Wyllin | LOW | BRIGHT | 3 | 10.45 | 15.6 | 0 | W | 9.5 | 0 | 20 | 10 | <10 |
| 29/08/23 | 6782 | Port Erin | HIGH | HEAVY | 2 | 8.30 | 15.3 | 0 | NW | 12 | 0 | 10 | <10 | 10 |
| 29/08/23 | 6783 | Port St Mary | HIGH | HEAVY | 1 | 8.45 | 15.4 | 0 | NW | 12 | 0 | 15531 | 226 | 474 |
| 29/08/23 | 6784 | Bay - Ny - Carrickey | HIGH | HEAVY | 1 | 8.50 | 15.4 | 0 | NW | 12 | 0 | 158 | 51 | 75 |
| 29/08/23 | 6785 | Castletown | HIGH | HEAVY | 2 | 9.10 | 15.4 | 0 | NW | 12 | 0 | 1597 | 120 | 331 |
| 29/08/23 | 6786 | Douglas Central | HIGH | BRIGHT | 1 | 11.10 | 15.9 | 0 | NW | 12 | 0 | 305 | 96 | 20 |
| 29/08/23 | 6787 | South Ramsey | HIGH | BRIGHT | 0 | 10.25 | 16.1 | 4 | NW | 12 | 0 | <10 | <10 | 10 |
| 29/08/23 | 6788 | North Ramsey | HIGH | CLOUDY | 1 | 10.10 | 15.9 | 0 | NW | 12 | 0 | 20 | <10 | <10 |
| 31/08/23 | 6823 | Glen Wyllin | MEDIUM | BRIGHT | 1 | 8.20 | 15.4 | 0 | SW | 8.6 | 0 | 86 | 31 | 41 |
| 07/09/23 | 7072 | Port Erin | MEDIUM | BRIGHT | 1 | 8.45 | 15.5 | 0 | E | 12 | 0 | <10 | <10 | 10 |
| 07/09/23 | 7073 | Port St Mary | MEDIUM | BRIGHT | 1 | 8.3 | 17.1 | 1 | E | 12 | 0 | 2613 | 31 | 31 |
| 07/09/23 | 7074 | Bay - Ny - Carrickey | MEDIUM | BRIGHT | 1 | 8.2 | 16.6 | 1 | E | 12 | 0 | 2359 | 31 | 199 |
| 07/09/23 | 7075 | Castletown | MEDIUM | CLOUDY | 1 | 8 | 16 | 0 | E | 12 | 0 | 52 | <10 | <10 |
| 07/09/23 | 7076 | Douglas Central | MEDIUM | CLOUDY | 1 | 7.3 | 16.2 | 0 | E | 12 | 0 | 31 | <10 | 20 |
| 07/09/23 | 7077 | South Ramsey | LOW | HEAVY | 3 | 10.2 | 16 | 0 | E | 12 | 0 | 393 | 173 | 52 |
| 07/09/23 | 7078 | North Ramsey | LOW | HEAVY | 3 | 10.05 | 16 | 0 | E | 12 | 0 | 279 | 52 | 31 |
| 07/09/23 | 7079 | Glen Wyllin | MEDIUM | BRIGHT | 1 | 9.35 | 17 | 0 | E | 12 | 0 | 110 | 20 | 10 |
| 11/09/23 | 7182 | Port Erin | HIGH | CLOUDY | 2 | 10.30 | 15.9 | 0 | NW | 7.0 | 6.1 | >24196 | 4352 | 4884 |
| 11/09/23 | 7183 | Port St Mary | HIGH | CLOUDY | 1 | 10.15 | 16.2 | 3 | NW | 7.0 | 6.1 | 74 | 20 | 20 |
| 11/09/23 | 7184 | Bay - Ny - Carrickey | HIGH | CLOUDY | 1 | 10.05 | 16.1 | 3 | NW | 7.0 | 6.1 | 109 | 20 | 31 |
| 11/09/23 | 7185 | Castletown | HIGH | BRIGHT | 2 | 10.50 | 16.6 | 2 | NW | 7.0 | 6.1 | 256 | 85 | 309 |

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|----------|------|-----------------|------|--------|---|-------|------|---|----|------|-----|-----|-----|-----|
| 11/09/23 | 7186 | Douglas Central | HIGH | HEAVY | 2 | 11.25 | 16.7 | 0 | NW | 7.0 | 6.1 | 987 | 30 | 228 |
| 11/09/23 | 7187 | South Ramsey | HIGH | HEAVY | 1 | 8.40 | 16.8 | 0 | NW | 7.0 | 6.1 | 10 | 10 | 86 |
| 11/09/23 | 7188 | North Ramsey | HIGH | HEAVY | 1 | 8.50 | 17 | 0 | NW | 7.0 | 6.1 | <10 | <10 | <10 |
| 13/09/23 | 7254 | Glen Wyllin | HIGH | BRIGHT | 1 | 9.00 | 15.1 | 0 | N | 11.0 | 0 | 110 | 10 | 10 |

9.2. 2023 Monthly Sampling Data

| DATE | LAB NUMBER | SAMPLING POINT | TIDE CONDITIONS | LIGHT | SEA STATE | SAMPLING TIME | SEA TEMP. °C | NO. BATHERS | WIND DIRECTION | WIND VELOCITY MPH | RAINFALL MM | TOTAL COLIFORMS MPN PER 100ML | E.COLI MPN PER 100ML | ENTEROCOCCI MPN PER 100ML |
|----------|------------|--------------------|-----------------|--------|-----------|---------------|--------------|-------------|----------------|-------------------|-------------|-------------------------------|----------------------|---------------------------|
| 09/05/23 | 3410 | Derbyhaven | MEDIUM | BRIGHT | 1 | 11.55 | 11.5 | 0 | W | 7.8 | 0.5 | 10 | 10 | 10 |
| 09/05/23 | 3411 | Douglas Broadway | MEDIUM | CLOUDY | 1 | 10.40 | 11.3 | 0 | W | 7.8 | 0.5 | 121 | 20 | 74 |
| 09/05/23 | 3412 | Douglas Summerhill | MEDIUM | CLOUDY | 1 | 10.20 | 10.8 | 0 | W | 7.8 | 0.5 | 31 | 10 | <10 |
| 09/05/23 | 3413 | Fenella | LOW | BRIGHT | 2 | 8.15 | 11.0 | 0 | W | 7.8 | 0.5 | 122 | 122 | 20 |
| 09/05/23 | 3414 | Fishers Hill | MEDIUM | BRIGHT | 2 | 12.00 | 13.2 | 0 | W | 7.8 | 0.5 | 31 | 31 | 1968 |
| 09/05/23 | 3415 | Laxey | LOW | BRIGHT | 2 | 10.00 | 11.4 | 0 | W | 7.8 | 0.5 | 20 | 20 | <10 |
| 09/05/23 | 3416 | Peel | LOW | BRIGHT | 1 | 8.20 | 10.7 | 0 | W | 7.8 | 0.5 | 153 | 42 | 10 |
| 09/05/23 | 3417 | Port Grenaugh | MEDIUM | BRIGHT | 1 | 11.30 | 11.5 | 0 | W | 7.8 | 0.5 | 85 | 41 | 10 |
| 09/05/23 | 3418 | Port Lewaigue | LOW | CLOUDY | 1 | 9.30 | 10.7 | 0 | W | 7.8 | 0.5 | <10 | <10 | <10 |
| 09/05/23 | 3419 | Port Skillion | MEDIUM | BRIGHT | 0 | 10.50 | 11.3 | 0 | W | 7.8 | 0.5 | <10 | <10 | <10 |
| 09/05/23 | 3420 | Port Soderick | MEDIUM | BRIGHT | 1 | 11.15 | 11.8 | 0 | W | 7.8 | 0.5 | 10 | 10 | <10 |
| 01/06/23 | 4033 | Derbyhaven | HIGH | HEAVY | 2 | 8.50 | 13.3 | 0 | E | 10 | 0 | 189 | 63 | <10 |
| 01/06/23 | 4034 | Douglas Broadway | HIGH | HEAVY | 3 | 10.10 | 13.8 | 0 | E | 10 | 0 | 934 | 763 | 399 |
| 01/06/23 | 4035 | Douglas Summerhill | HIGH | HEAVY | 3 | 10.20 | 13.7 | 0 | E | 10 | 0 | 231 | 173 | <10 |
| 01/06/23 | 4036 | Fenella | HIGH | BRIGHT | 1 | 8.10 | 11.5 | 0 | E | 10 | 0 | 127 | 52 | 20 |
| 01/06/23 | 4037 | Fishers Hill | HIGH | HEAVY | 1 | 8.40 | 12.8 | 0 | E | 10 | 0 | 114 | 20 | <10 |
| 01/06/23 | 4038 | Laxey | HIGH | BRIGHT | 2 | 10.40 | 14.5 | 0 | E | 10 | 0 | 97 | 41 | <10 |
| 01/06/23 | 4039 | Peel | HIGH | BRIGHT | 1 | 8.05 | 11.9 | 0 | E | 10 | 0 | 816 | 404 | 31 |

| | | | | | | | | | | | | | | |
|----------|------|--------------------|--------|--------|---|-------|------|----|----|----|-----|------|------|-----|
| 01/06/23 | 4040 | Port Grenaugh | HIGH | HEAVY | 2 | 9.15 | 13.0 | 0 | E | 10 | 0 | 481 | 110 | 96 |
| 01/06/23 | 4041 | Port Lewaigue | HIGH | BRIGHT | 2 | 11.05 | 13.5 | 0 | E | 10 | 0 | 160 | 110 | 410 |
| 01/06/23 | 4042 | Port Skillion | HIGH | HEAVY | 3 | 9.55 | 13.1 | 0 | E | 10 | 0 | 20 | 10 | 20 |
| 01/06/23 | 4043 | Port Soderick | HIGH | HEAVY | 3 | 9.30 | 13.1 | 0 | E | 10 | 0 | 428 | 20 | 708 |
| 19/06/23 | 4469 | Derbyhaven | MEDIUM | BRIGHT | 1 | 11.05 | 15 | 0 | SW | 10 | 4.9 | 20 | <10 | <10 |
| 19/06/23 | 4470 | Douglas Broadway | MEDIUM | HEAVY | 2 | 10.10 | 14.7 | 0 | SW | 10 | 4.9 | 282 | 31 | 10 |
| 19/06/23 | 4471 | Douglas Summerhill | MEDIUM | HEAVY | 2 | 10.00 | 14.7 | 0 | SW | 10 | 4.9 | 63 | <10 | <10 |
| 19/06/23 | 4472 | Fenella | LOW | CLOUDY | 3 | 8.30 | 14.3 | 0 | SW | 10 | 4.9 | 252 | 153 | 73 |
| 19/06/23 | 4473 | Fishers Hill | HIGH | CLOUDY | 2 | 11.20 | 14.8 | 0 | SW | 10 | 4.9 | 63 | 52 | 10 |
| 19/06/23 | 4474 | Laxey | MEDIUM | CLOUDY | 2 | 9.45 | 15.3 | 0 | SW | 10 | 4.9 | 2613 | 1112 | 292 |
| 19/06/23 | 4475 | Peel | LOW | BRIGHT | 1 | 8.40 | 13.8 | 0 | SW | 10 | 4.9 | 75 | 20 | 20 |
| 19/06/23 | 4476 | Port Grenaugh | MEDIUM | HEAVY | 2 | 10.50 | 14.5 | 0 | SW | 10 | 4.9 | 1017 | 539 | 241 |
| 19/06/23 | 4477 | Port Lewaigue | MEDIUM | BRIGHT | 1 | 9.10 | 14.3 | 0 | SW | 10 | 4.9 | 31 | 10 | <10 |
| 19/06/23 | 4478 | Port Skillion | MEDIUM | HEAVY | 1 | 10.20 | 14.6 | 0 | SW | 10 | 4.9 | 158 | 10 | <10 |
| 19/06/23 | 4479 | Port Soderick | MEDIUM | BRIGHT | 2 | 10.35 | 14.6 | 0 | SW | 10 | 4.9 | 75 | 41 | 10 |
| 26/07/23 | 5960 | Derbyhaven | LOW | BRIGHT | 1 | 10.25 | 15.9 | 0 | SW | 14 | 15 | 10 | <10 | <10 |
| 26/07/23 | 5961 | Douglas Broadway | MEDIUM | BRIGHT | 2 | 9.20 | 15.3 | 0 | SW | 14 | 15 | 144 | 62 | <10 |
| 26/07/23 | 5962 | Douglas Summerhill | MEDIUM | BRIGHT | 2 | 9.10 | 15.5 | 0 | SW | 14 | 15 | 63 | 41 | 10 |
| 26/07/23 | 5963 | Fenella | LOW | CLOUDY | 3 | 11.15 | 16.1 | 25 | SW | 14 | 15 | 185 | 63 | 10 |
| 26/07/23 | 5964 | Fishers Hill | LOW | CLOUDY | 2 | 10.35 | 15.8 | 0 | SW | 14 | 15 | 30 | 20 | 10 |
| 26/07/23 | 5965 | Laxey | LOW | BRIGHT | 4 | 12.20 | 16.5 | 1 | SW | 14 | 15 | 20 | 10 | <10 |
| 26/07/23 | 5966 | Peel | LOW | CLOUDY | 1 | 11.10 | 15.9 | 0 | SW | 14 | 15 | 148 | 52 | <10 |
| 26/07/23 | 5767 | Port Grenaugh | LOW | BRIGHT | 2 | 10.00 | 15.8 | 0 | SW | 14 | 15 | 228 | 63 | 52 |
| 26/07/23 | 5968 | Port Lewaigue | LOW | BRIGHT | 1 | 12.00 | 16.4 | 0 | SW | 14 | 15 | 20 | 10 | <10 |
| 26/07/23 | 5969 | Port Skillion | MEDIUM | BRIGHT | 1 | 9.30 | 15.4 | 0 | SW | 14 | 15 | 52 | 10 | 20 |
| 26/07/23 | 5970 | Port Soderick | LOW | CLOUDY | 1 | 9.50 | 15.4 | 0 | SW | 14 | 15 | 64 | 15 | 10 |
| 21/08/23 | 6618 | Derbyhaven | LOW | BRIGHT | 2 | 7.55 | 15.5 | 0 | SW | 18 | 0 | 20 | <10 | <10 |
| 21/08/23 | 6619 | Douglas Broadway | MEDIUM | CLOUDY | 2 | 10.45 | 15.8 | 0 | SW | 18 | 0 | 30 | 10 | <10 |

| | | | | | | | | | | | | | | |
|----------|------|--------------------|--------|--------|---|-------|------|---|----|-----|-----|-------|------|--------|
| 21/08/23 | 6620 | Douglas Summerhill | MEDIUM | CLOUDY | 2 | 11.25 | 16.6 | 0 | SW | 18 | 0 | 84 | 30 | 10 |
| 21/08/23 | 6621 | Fishers Hill | LOW | BRIGHT | 3 | 8.2 | 15.7 | 0 | SW | 18 | 0 | 10 | <10 | <10 |
| 21/08/23 | 6622 | Laxey | LOW | CLOUDY | 4 | 10.5 | 15.8 | 0 | SW | 18 | 0 | 41 | <10 | 30 |
| 21/08/23 | 6623 | Peel | LOW | CLOUDY | 3 | 9 | 15.4 | 0 | SW | 18 | 0 | 480 | 216 | 20 |
| 21/08/23 | 6624 | Port Grenaugh | MEDIUM | CLOUDY | 4 | 12.4 | 16.6 | 0 | SW | 18 | 0 | 708 | 96 | 51 |
| 21/08/23 | 6625 | Port Lewaigue | LOW | HEAVY | 2 | 10.1 | 15.7 | 0 | SW | 18 | 0 | 31 | <10 | >24196 |
| 21/08/23 | 6626 | Port Skillion | MEDIUM | BRIGHT | 2 | 12 | 16.5 | 2 | SW | 18 | 0 | 30 | 20 | 10 |
| 21/08/23 | 6627 | Port Soderick | MEDIUM | CLOUDY | 3 | 12.2 | 16.3 | 0 | SW | 18 | 0 | 69 | 47 | <10 |
| 24/08/23 | 6737 | Fenella | MEDIUM | BRIGHT | 2 | 8.05 | 15.5 | 0 | W | 9.5 | 0 | 160 | 98 | 63 |
| 12/09/23 | 7241 | Derbyhaven | HIGH | BRIGHT | 1 | 11.15 | 15.1 | 0 | N | 8 | 3.6 | 3255 | 10 | <10 |
| 12/09/23 | 7242 | Douglas Broadway | HIGH | BRIGHT | 2 | 9.55 | 15.2 | 0 | N | 8 | 3.6 | 12033 | 30 | 31 |
| 12/09/23 | 7243 | Douglas Summerhill | HIGH | BRIGHT | 1 | 9.45 | 15.9 | 0 | N | 8 | 3.6 | 2481 | 10 | <10 |
| 12/09/23 | 7244 | Fenella | HIGH | BRIGHT | 2 | 8.20 | 16.1 | 0 | N | 8 | 3.6 | 2046 | 464 | 109 |
| 12/09/23 | 7245 | Fishers Hill | HIGH | BRIGHT | 1 | 11.30 | 15.6 | 0 | N | 8 | 3.6 | 3255 | 148 | 20 |
| 12/09/23 | 7246 | Laxey | HIGH | BRIGHT | 1 | 9.25 | 16.1 | 0 | N | 8 | 3.6 | 1539 | 63 | <10 |
| 12/09/23 | 7247 | Peel | HIGH | BRIGHT | 3 | 8.10 | 15.1 | 0 | N | 8 | 3.6 | 4884 | 2359 | 884 |
| 12/09/23 | 7248 | Port Grenaugh | HIGH | BRIGHT | 1 | 10.50 | 16.0 | 0 | N | 8 | 3.6 | 2098 | 85 | 52 |
| 12/09/23 | 7249 | Port Lewaigue | HIGH | BRIGHT | 2 | 9.00 | 15.0 | 0 | N | 8 | 3.6 | 1081 | 121 | 41 |
| 12/09/23 | 7250 | Port Skillion | HIGH | BRIGHT | 2 | 10.15 | 16.3 | 1 | N | 8 | 3.6 | 6141 | 15 | 15 |
| 12/09/23 | 7251 | Port Soderick | HIGH | BRIGHT | 1 | 10.35 | 16.0 | 0 | N | 8 | 3.6 | 2851 | 30 | <10 |