

2023 River Monitoring Report

2019 – 2023 Data

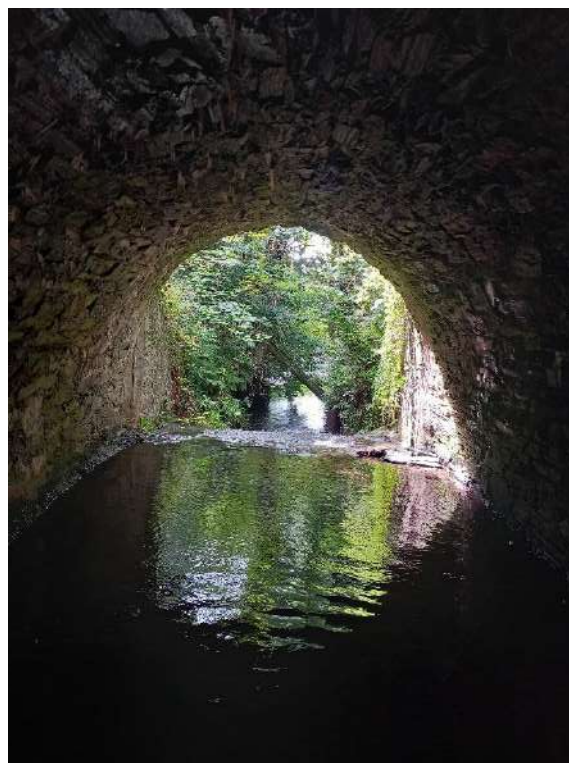


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Abbreviations

BOD – Biochemical Oxygen Demand

DEFA – Department of Environment, Food and Agriculture

DOI – Department of Infrastructure

EPU – Environmental Protection Unit

EQS – Environmental Quality Standards

IOM – Isle of Man

IRIS – Integrated Regional Sewage Treatment

MU – Manx Utilities

RICT – River Invertebrate Classification Tool

WDL – Waste Disposal License

1. Executive Summary

Overall the health of the Isle of Man’s watercourses is of good status with 98% of monitored sites achieving **Excellent** or **Good** chemical classification (table 1). For nutrient classifications 97% and 83% of sites achieved **Excellent** or **Good** classification for phosphate and nitrate, respectively. The chemical classification has been calculated different for this report due to information detailed in the Water Pollution (standards and Objectives) Scheme 2020; a comparison in the two calculation is included further in this report.

For dissolved copper, manganese and nickel **100%** of the monitored sites **passed** the Environmental Quality Standards (EQS) detailed in the [Water Pollution \(Standards and Objectives\) Scheme 2020](#) (Table 2). Whereas, for dissolved iron and cadmium **94%** and **71%**, respectively, of sites **passed**. The exception is the dissolved zinc where **82%** of sites **failed/exceeded** the standard.

TABLE 1. PERCENTAGE OF ISLE OF MAN RIVERS (BY LENGTH) RANKED BY GRADE (FULL REVIEW IN SECTIONS 6, 7 AND 8)

| IoM Classifications | Chemical | Phosphate | Nitrate | Biology |
|---------------------|----------|-----------|---------|--|
| Excellent | 86 | 79 | 55 | Data to be assessed in separate report (see Section 6) |
| Good | 12 | 18 | 28 | |
| Moderate | 2 | 2 | 17 | |
| Poor | 0 | 1 | 0 | |

TABLE 2. PERCENTAGE OF METAL MONITORING SITES WHICH PASSED THE EQS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020 (FULL REVIEW IN SECTIONS 4 AND 9)

| Classification | Dissolved Copper | Dissolved Manganese | Dissolved Nickel | Dissolved Zinc | Dissolved Iron | Dissolved Cadmium |
|----------------|------------------|---------------------|------------------|----------------|----------------|-------------------|
| Pass | 100% | 100% | 100% | 18% | 94% | 71% |
| Fail | 0% | 0% | 0% | 82% | 6% | 29% |

2. Introduction

The Environmental Protection Unit undertake the river monitoring programme to assess the health of the Isle of Man's rivers and stream. Water samples are collected from 87 locations with the data being assessed against the standards outlined in the [Water Pollution \(Standards and Objectives\) Scheme 2020](#). The classifications detailed in the scheme are in line with current UK and EU standards.

3. Rivers of the Isle of Man

For the purpose of presenting the classification within this report the Isle of Man is split into four regions;

- North – 20 sites
- East – 29 sites
- South – 21 sites
- West – 16 sites

The Northern region can be split into two geographically distinct areas; the first being the Sulby river catchment which drains the slopes of the island's mountain (Snaefell, 2037 ft), through Sulby reservoir. The second being the flat northern plain dominated by arable farming, which has slow flowing watercourses similar to dykes and ditches.

The Eastern region has significant urban and industrial developments with a relatively large number of private sewage treatment works in the rural areas. The majority of the region is connected to Manx Utilities sewerage infrastructure however the Laxey catchment still discharges untreated sewage into the marine environment. This catchment is also impacted by the disused Snaefell mines.

The Southern region is dominated by livestock and agriculture. In the rural areas there are a number of private sewage treatment works whilst more semi-rural or urban residential areas are connected to the Manx Utilities Integrated Region Sewage Treatment (IRIS) network. All of the sewage waste connected to the IRIS network is transported to Meary Veg sewage treatment works.

The Western region consists of the River Neb, of which a tributary, the Foxdale stream, is significantly impacted by numerous disused mining sites. The main residential area of Peel currently discharges untreated sewage into the marine environment although there are plans to construct a sewage treatment works in the near future. The smaller settlements such as Glen Maye, Kirk Michael and Ballaugh are all connected to small sewage treatment works which are operated by Manx Utilities.

Figures 1 - 4 detail the location of all 86 sampling sites which are monitored throughout the year for either only chemical (pink) or biological and chemical (yellow) data depending on the site. A list of the site names for each site code are detailed in Appendix 1 – List of all sampling sites (codes and names).

4. Water Pollution (Standards and Objectives) Scheme 2020

The Water Pollution (Standards and Objectives) Scheme 2020 was approved by Tynwald in December 2020 and includes Environmental Quality Standards (EQS) for inland and coastal waters.

Tables 1 - 8 details all of the EQS which apply to inland waters as part of the scheme. The standards/classifications are used to review the data presented in this report.

A review of the scheme will be completed and may be presented to Tynwald if further amendments are required prior to the scheme coming into force on the 31st December 2025.

TABLE 3. CHEMICAL CLASSIFICATION STANDARDS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Parameter | Poor | Moderate | Good | Excellent |
|--|-------|-------------|------------|-----------|
| Dissolved Oxygen (percent saturation) (10 percentile) | <64 | 64 - <75 | 75 - <80 | ≥80 |
| Biochemical Oxygen Demand (BOD) (mg/L) (90 percentile) | >6 | >4 – 6 | >3 - 4 | ≤3 |
| Total Ammonia (mg/L) (90 percentile) | >0.75 | >0.3 – 0.75 | >0.2 – 0.3 | ≤0.2 |

TABLE 4. PHOSPHORUS CLASSIFICATION STANDARDS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Parameter | Poor | Moderate | Good | Excellent |
|---|--------|----------------|----------------|-----------|
| Phosphorus concentration (mg/L) (annual mean) | >0.128 | >0.046 – 0.128 | >0.023 – 0.046 | ≤0.023 |

TABLE 5. NITRATE CLASSIFICATION STANDARDS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Parameter | Poor | Moderate | Good | Excellent |
|--|------|----------|---------|-----------|
| Nitrate (as NO ₃) (mg/L) (annual mean) | >30 | >10 - 30 | >5 - 10 | ≤5 |

TABLE 6. METAL EQS FOR INLAND WATERS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Inland water body | Mean dissolved concentration (µg/L) quality element | | | | |
|-----------------------|---|------|-----------|--------|------|
| | Copper | Lead | Manganese | Nickel | Zinc |
| Cornaa river | 6 | 4.8 | 350 | 9 | 11 |
| Fern glen stream | 6 | 4.8 | 350 | 9 | 11 |
| Lhen Trench | 51.2 | 14.4 | 258.7 | 26.4 | 20.4 |
| Santonburn | 6 | 4.8 | 350 | 9 | 11 |
| Glen Maye stream | 6 | 4.8 | 350 | 9 | 11 |
| Foxdale stream | 6 | 4.8 | 350 | 9 | 11 |
| Laxey river | 6 | 4.8 | 350 | 9 | 11 |
| General inland waters | 6 | 4.8 | 350 | 9 | 11 |

TABLE 7. ADDITIONAL EQS FOR INLAND WATERS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Parameter (assessed in dissolved form) | Mean value | Maximum concentration |
|--|----------------|-----------------------|
| Cadmium | Class 1 (µg/L) | ≤0.08 |
| | Class 2 (µg/L) | 0.08 |
| | Class 3 (µg/L) | 0.09 |
| | Class 4 (µg/L) | 0.15 |
| | Class 5 (µg/L) | 0.24 |
| Iron (µg/L) | 1000 | |

TABLE 8. WATER HARDNESS CONCENTRATIONS FOR CADMIUM STANDARDS AS DETAILED IN THE WATER POLLUTION (STANDARDS AND OBJECTIVES) SCHEME 2020

| Water Hardness for Cadmium Standards | Concentration of CaCO ₃ (mg/L) |
|--------------------------------------|---|
| Class 1 | <40 |
| Class 2 | 40 - <50 |
| Class 3 | 50 - <100 |
| Class 4 | 100 - <200 |
| Class 5 | ≥200 |

5. Meteorological Office

The Isle of Man meteorological office at Ronaldsway experienced a year of records with 2023 being the warmest on record. June was recorded as being the warmest on record with a new record maximum temperature on the 13th June with 28.1°C.

The island experienced the wettest July on record with 144.9mm of rainfall which is double the long term average. March, September and December were also very wet, contributing to the annual total rainfall of 1023.1mm which is the 6th wettest year on record.

Fine weather in May and June brought the annual sunshine hours up to slightly above the average, despite all of the rain.

6. Biological Assessment

At the start of the 2023 the Isle of Man River Invertebrate Classification Tool (RICT) was completed by external consultants APEM Ltd. Officers have been working on processing the backlog of invertebrate samples to enable a more thorough assessment of the biological health of the islands rivers and streams.

A separate report will be produced reviewing the backlog of biological data which will cover data from 2017 – 2022. Going forward the biological assessment will be included in the routine river water quality annual report along with the Inland Fisheries salmonid monitoring programme summary. By assessing all of this data together it will provide a more accurate assessment of the health of the Isle of Man's rivers. It will also assist in identifying areas for improvement for the Department and external stakeholders.

7. Chemical Assessment

The chemical assessment has previously been calculated using the annual mean with 5 years' of results however as stated in the [Water Pollution \(Standards and Objectives\) Scheme 2020](#) and detailed in Section 4 Table 1; depending on the parameter it should either be the 90th or 10th percentile. Due to this change in how the chemical classification is assessed table 7 presents both assessment types to enable a comparison of the data. By reviewing the annual mean the classifications have remained stable whereas using the percentile classification as detailed in the scheme there is a greater number of sites being assessed as **Good** and **Moderate** compared to the annual mean. Going forward the chemical classification will be reported using the percentiles for the specific parameters as detailed in Section 4, Table 3.

TABLE 9. CHEMICAL CLASSIFICATION FOR THE ISLE OF MAN RIVERS

| Grade | A | | B | | C | | D | |
|-----------------------------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|
| Quality | Excellent | | Good | | Moderate | | Poor | |
| Assessment Type | Percentile | Annual Mean | Percentile | Annual Mean | Percentile | Annual Mean | Percentile | Annual Mean |
| 2017 – 2021 River Length % | 83 | 98 | 13 | 2 | 4 | 0 | 0 | 0 |
| 2018 – 2022 River Length % | 85 | 98 | 10 | 2 | 4 | 0 | 0 | 0 |
| 2019 – 2023 River Length % | 86 | 97 | 12 | 3 | 2 | 0 | 0 | 0 |

Overall, the chemical classification has slightly improved over the last 3 assessments; with 86% of sites being classified as **Excellent** up from 83% in the 2017-2021 assessment.

In the Northern region the majority of the sites on the Sulby River, Glen Auldyn stream and are classified as **Excellent**. The Lhen Trench and Garey stream are classified as **Good** due to a reduction in dissolved oxygen. This is likely to be due to agricultural run-off from the surrounding land.

In the Eastern region the majority of the sites are classified as **Excellent**. On the River Dhoo downstream of the Crosby sewage treatment works the classification decreases to **Moderate** due to elevated ammonia. This is likely to be due to the outdated Manx Utilities sewerage infrastructure at Crosby and Glen Vine. An upgrade to the Crosby sewage treatment works and decommissioning of the Glen Vine works has commenced with the new works anticipated to be operational by the end of 2024. Once operational the two smaller sewage treatment works serving the Crosby Meadows and Reayrt ny Crink developments will be decommissioned with the foul water being treated by the mains sewerage infrastructure. The improvement in the infrastructure is expected to have a positive impact

on the River Dhoo with a reduction in ammonia and phosphate specifically. This will be monitored in future data.

The upper reaches of Middle river are classified as **Excellent** which decreases to **Good** at the Oakhill site due to elevated ammonia (0.216 mg/L). The classification for **Excellent** is <0.2 mg/L so it is only just into the next classification. This is likely to be due to the absence of mains sewerage infrastructure in the area and all premises requiring individual sewage treatment works.

The Western region is mainly classified as **Excellent** with the exception of downstream of St Johns sewage treatment works which is classified as **Good** due to elevated ammonia. The St John's sewage treatment works is due for an upgrade in the near future which will improve the quality of the discharge into the river and the classification is likely to improve.

In the Southern region the Colby river, Silverburn, Santonburn, Grenaugh river, Ballabeg stream and Glashen stream are all classified as **Excellent**. The Poolvaish, Port Erin and lower reaches of the Cott ny Greiney are all classified as **Good**. The lower classification is due to an increase in Biochemical Oxygen Demand (BOD) which is likely to be due to agricultural run-off. This is further confirmed by the elevated nitrate concentrations at all of these locations with **Moderate** classification.

On the Crogga river at Bushey's Brewery the classification has reduced to **Moderate** with upstream and downstream classifications remaining at **Excellent**. The classification around the Bushey's Brewery site has reduced due to an increase in Biochemical Oxygen Demand (BOD), ammonia and phosphate in the summer samples for the past 2 years. Further testing has not provided any additional information on the source of the contamination and the concentrations reduced in the autumn samples. Due to this repetition the Department will undertake more frequent sampling during the summer of 2024 to determine if the same issue occurs and to try to identify the source of the contamination.

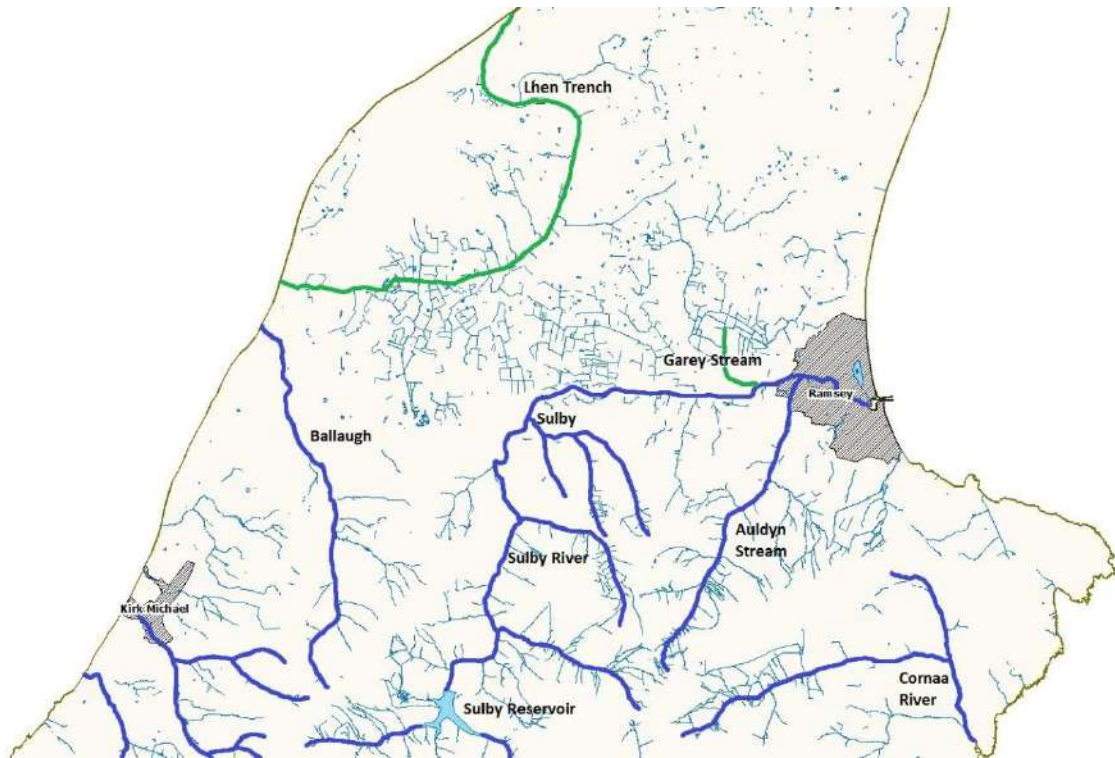


FIGURE 5. CHEMICAL ASSESSMENT FOR THE NORTHERN REGION

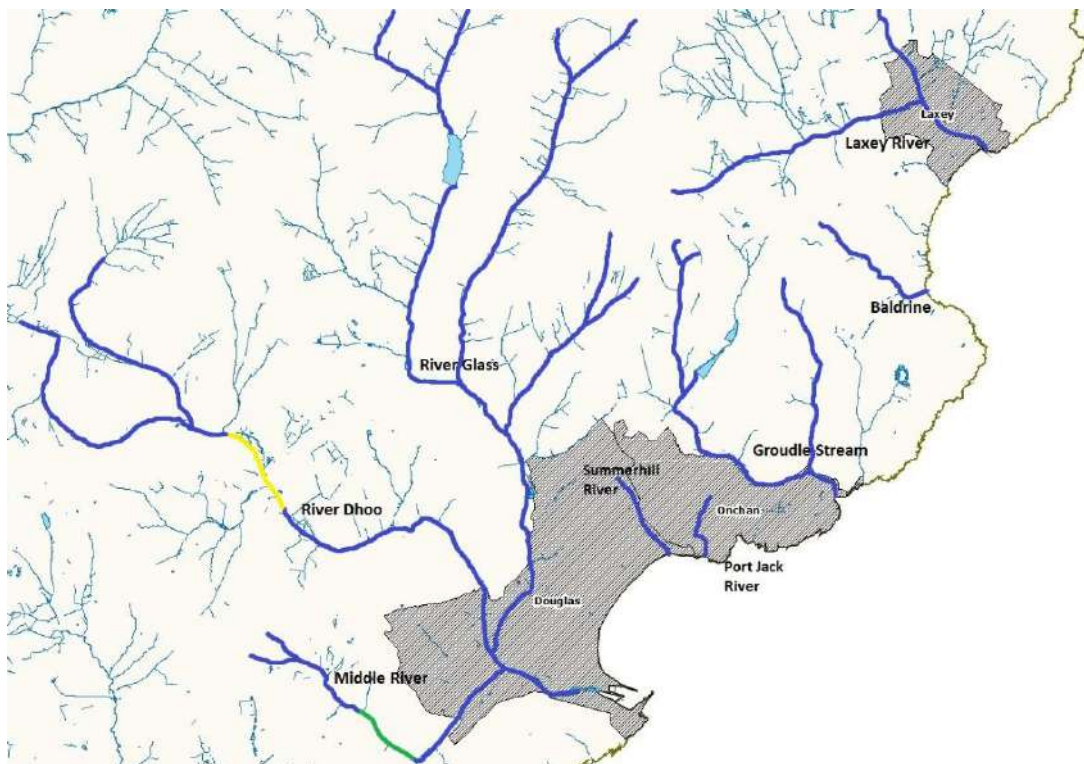


FIGURE 6. CHEMICAL ASSESSMENT FOR THE EASTERN REGION

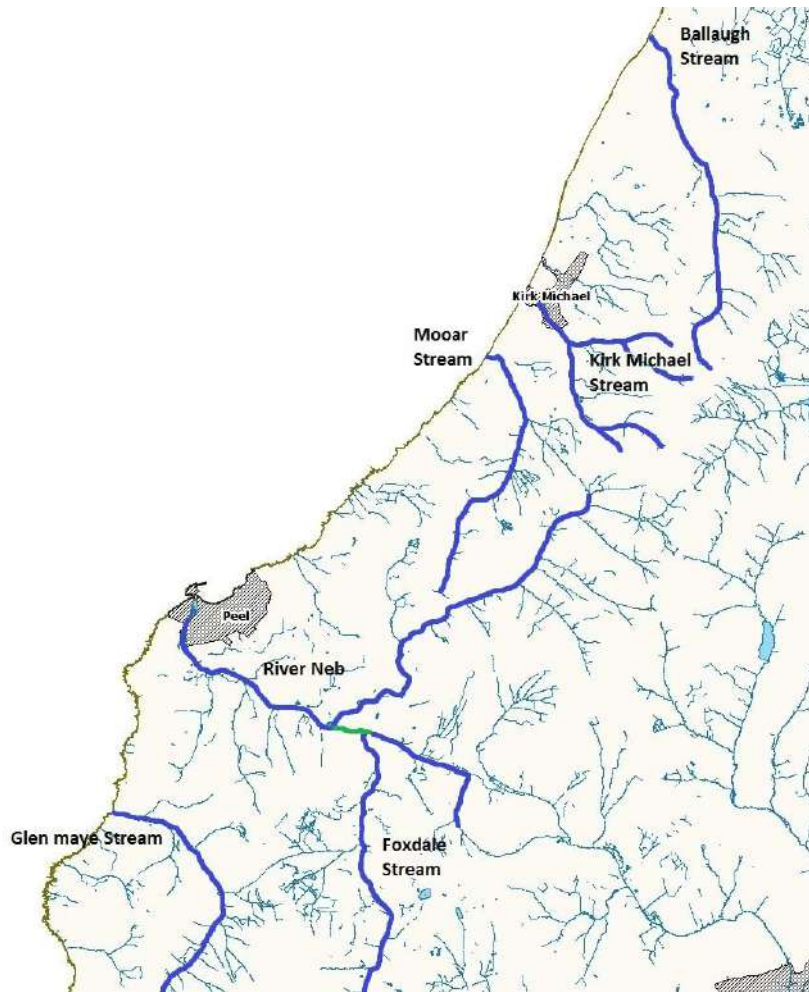


FIGURE 7. CHEMICAL ASSESSMENT FOR THE WESTERN REGION

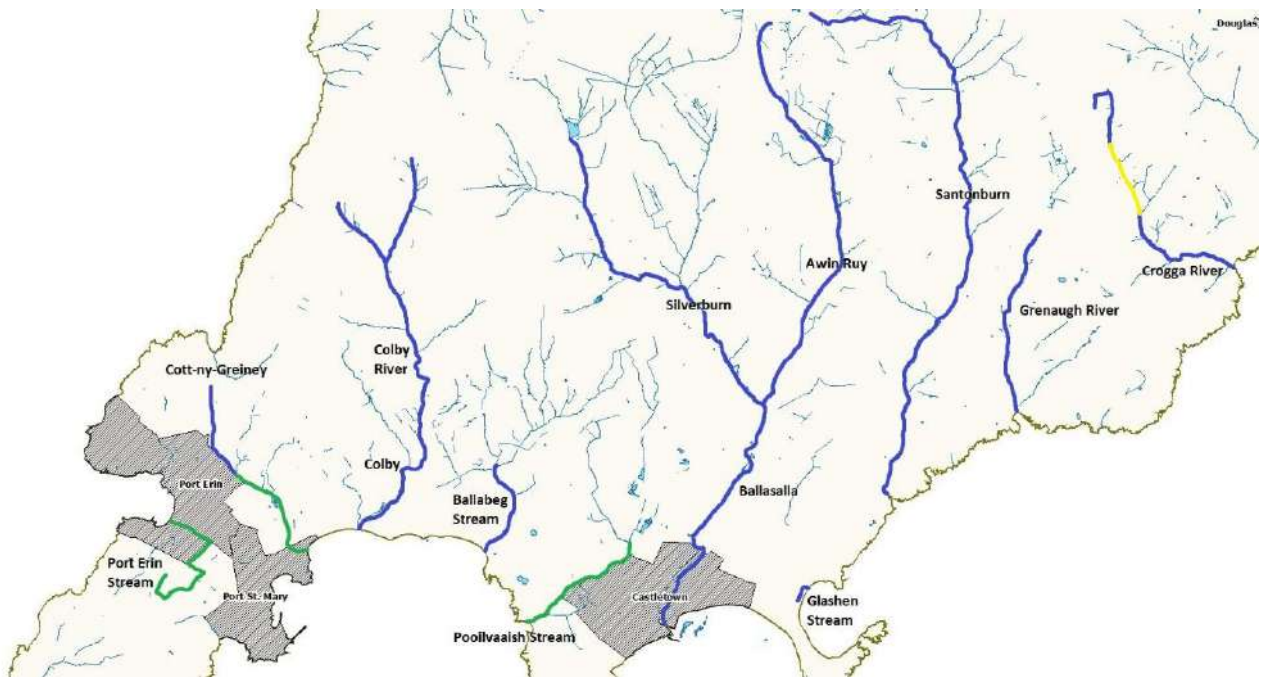


FIGURE 8. CHEMICAL ASSESSMENT FOR THE SOUTHERN REGION

8. Nutrient Assessment

8.1. Phosphate

Over the past 20 years there has been a drop in the number of sites classified as **Excellent** (86% - 2003/05; 79% 2019/23) and an increase in the number of sites classified as **Good** (5% 2003/05; 18% 2019/23). The reduction in the number of sites classified as **Moderate** (4% 2005/06; 2% 2019/23) and **Poor** (5% 2005/06; 1% 2019/23) shows an improvement in the concentrations of phosphate in the islands watercourses. This is likely to be due to the improvement in the sewerage infrastructure including private sewage treatment works serving the rural properties.

The Northern region has remained the same as previous reports with all sites being classified as **Excellent**.

In the Eastern region the phosphate classifications for the River Glass, Groudle River and Laxey River have remained at **Excellent**. Summerhill Glen and the upper reaches of Middle river are both classified as **Good**. The phosphate increase in the upper reaches of Middle river is likely due to the lack of mains sewerage infrastructure in the area with private sewage treatment works being servicing the industrial estate and residential dwellings.

The River Dhoo varies in classification with the upper reaches being classified as **Excellent** but this decreases to **Moderate** and **Good**. The elevated phosphate in the lower reaches of the River Dhoo is likely to be due to the discharge of treated sewage effluent from Manx Utilities infrastructure of which some is currently being upgraded and private dwellings. Section 7 provides more information on the upgrade to Crosby sewage treatment works and nearby infrastructure.

In the Western region the Kirk Michael, Ballaugh and Mooar streams are all classified as **Excellent**. Kirk Michael and Ballaugh are serviced by small sewage treatment works operated and maintained by Manx Utilities. On the Glen Maye stream downstream of the sewage treatment works the classification decreases from **Excellent** to **Good**. Downstream of the St Johns sewage treatment works the classification of phosphate decreases from **Excellent** to **Good** however in previous assessments it has been **Moderate**. The St Johns sewage treatment works is due for an upgrade in the near future which should improve the classification downstream of the works.

In the Southern region the Colby River, Silverburn and Santonburn are all classified as **Excellent**. The Grenaugh stream classification has decreased to **Good** which could be due to the private sewage treatment works serving the residential properties within the Glen. Further review of the data and additional sampling in the future might assist in confirming the source/s. The Polyvaish, Glashen and Ballabeg streams are all classified as **Good** which is likely to be due to agricultural run-off and/or private sewage treatment works discharges upstream in the catchments.

Crogga River at the site downstream of Bushey's Brewery experienced some elevated concentrations of Biochemical Oxygen Demand (BOD), ammonia and phosphate. The phosphate classification dropped to **Poor** due to the elevated summer 2023 result of 0.963 mg/L. In the summer of 2022 the phosphate concentration was also elevated at 0.398 mg/L. Additional investigations including sampling was undertaken by officers however a source was not located. The upstream and downstream sampling sites on the Crogga River did not

report the same elevated parameters as downstream of Bushey’s Brewery. Due to the elevated results for two consequent years the Environmental Protection Unit will undertake frequent sampling during the summer of 2024 to try to identify the source and determine if the issue is on-going.

TABLE 10. PHOSPHATE CLASSIFICATION FOR THE ISLE OF MAN'S RIVERS

| Grade | A | B | C | D |
|---------------------------------------|-----------|-----------|----------|----------|
| Quality | Excellent | Good | Moderate | Poor |
| 2003 – 2005 River Length % | 86 | 5 | 4 | 5 |
| 2015 – 2016 River Length % | 89 | 9 | 2 | 0 |
| 2015 – 2018 River Length % | 83 | 12 | 4 | 1 |
| 2015 – 2019 River Length % | 84 | 13 | 2 | 1 |
| 2016 – 2020 River Length % | 83 | 11 | 6 | 0 |
| 2017 – 2021 River Length % | 83 | 10 | 7 | 0 |
| 2018 – 2022 River Length % | 82 | 11 | 7 | 0 |
| 2019 – 2023 River Length % | 79 | 18 | 2 | 1 |

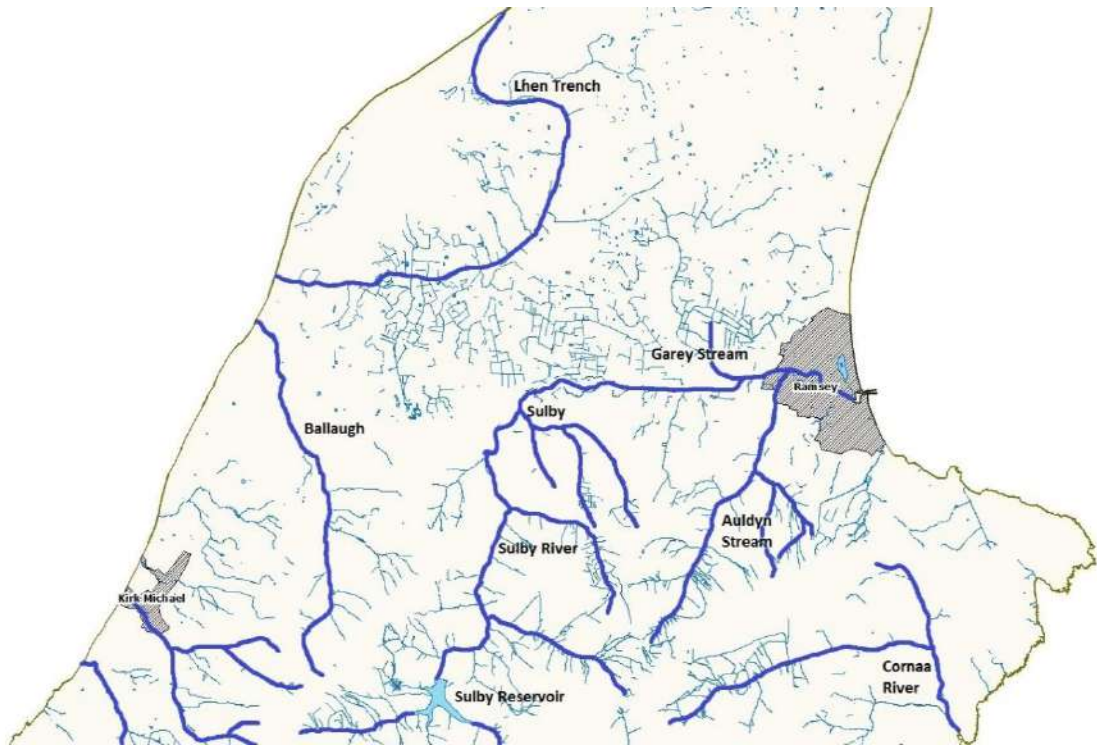


FIGURE 9. PHOSPHATE ASSESSMENT FOR THE NORTHERN REGION

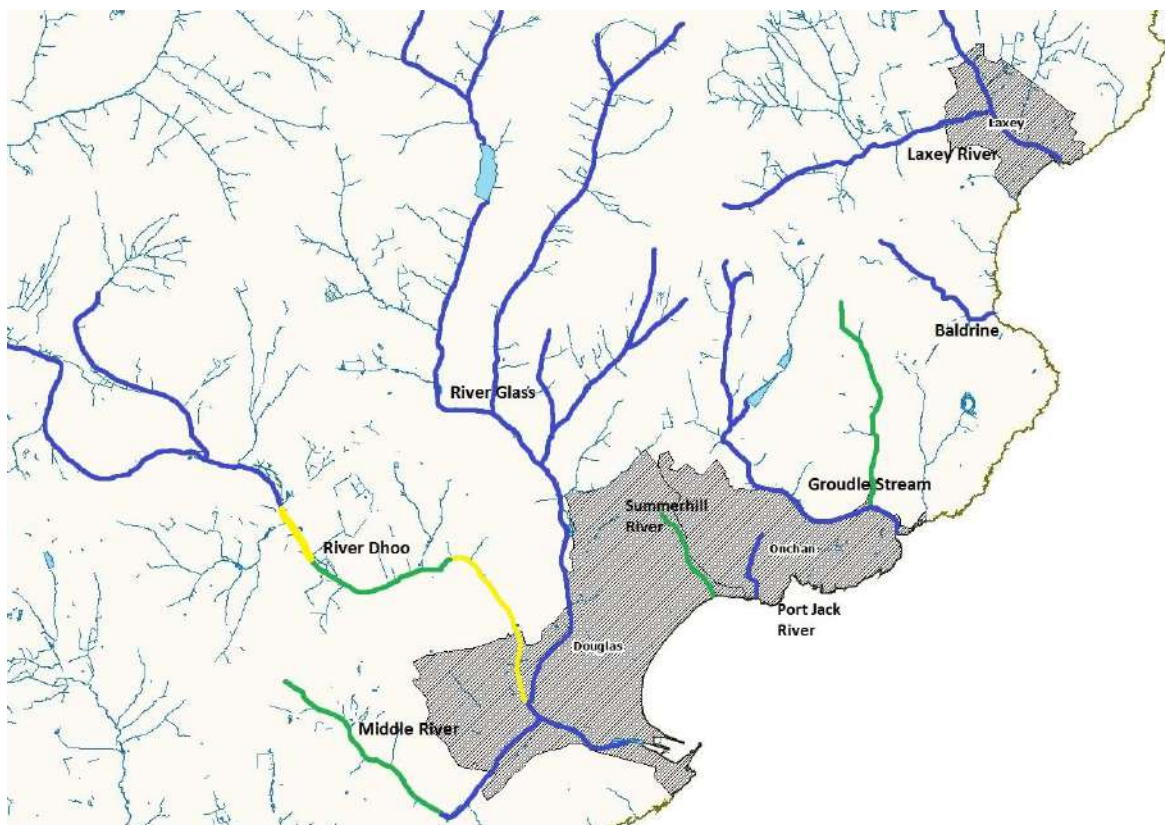


FIGURE 10. PHOSPHATE ASSESSMENT FOR THE EASTERN REGION

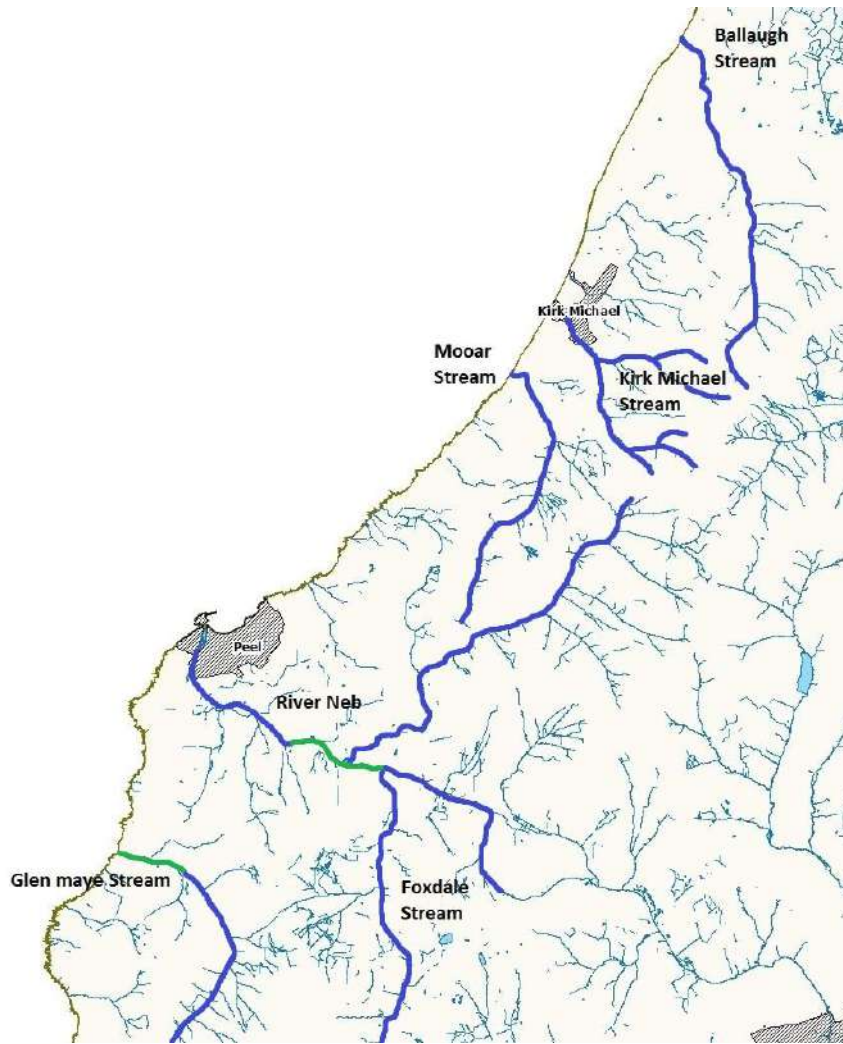


FIGURE 11. PHOSPHATE ASSESSMENT FOR THE WESTERN REGION

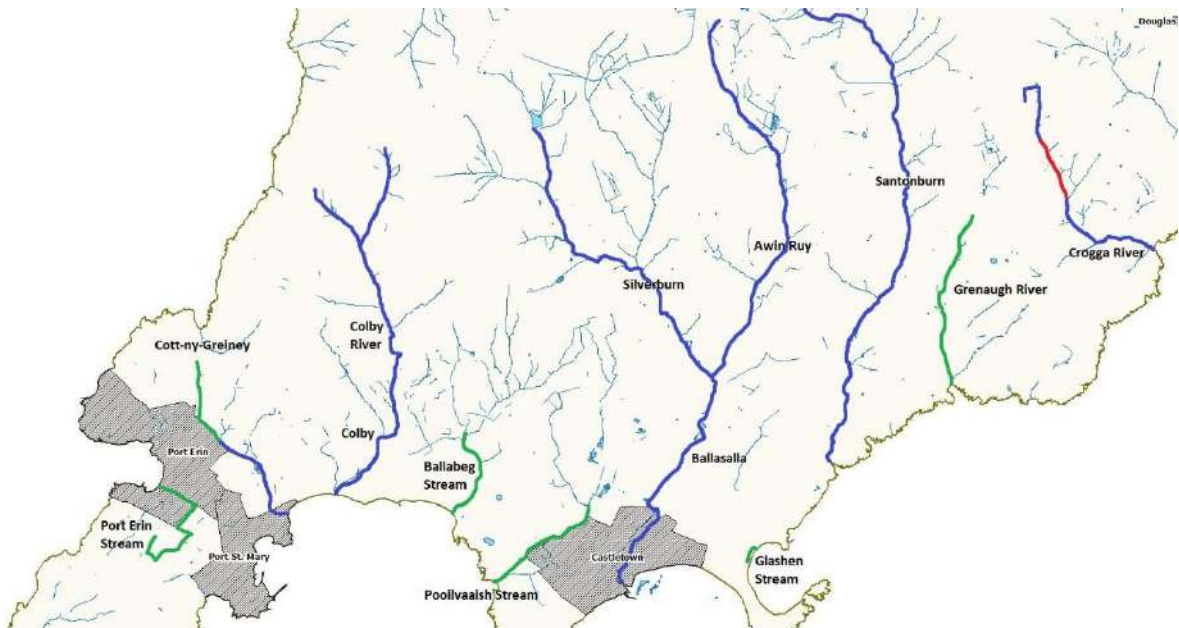


FIGURE 12. PHOSPHATE ASSESSMENT FOR THE SOUTHERN REGION

8.2. Nitrate

Nitrate concentrations across the Isle of Man have remained stable with 83% of sites being classified as **Excellent** or **Good**.

In the Northern region the majority of the monitored sites were classified as **Excellent**. The Lhen Trench is classified as **Moderate** and **Good** which will be due to agricultural run-off. The Garey stream has elevated nitrate with a classification of **Good** which will be due to agricultural run-off. The Sulby river and Auldyn stream are upland environments and therefore not impacted by agricultural run off to the same extent as the Northern plain.

The Eastern region has varying classifications of nitrate similar to the Southern region. The upper reaches of the River Glass and Dhoo are classified as **Excellent** which is likely to be due to the slope and land type where spreading of slurry or fertiliser is not undertaken. The lower parts of both catchments are classified as **Good** which is likely to be due to agricultural land run off and highway run off from the urban areas. The Laxey river is classified as **Excellent** which will be due to the upland nature of the valley where the land is steep and not suitable for crops so slurry and fertiliser is not spread to increase the yield.

In the Western region the Ballaugh, Kirk Michael, Mooar and Glen Maye streams are all classified as **Excellent**. The upper region of the River Neb and Foxdale stream also classified as **Excellent**. The St Johns stream and the lower reaches of the River Neb are classified as **Good** which is likely to be due to agricultural run-off from the surrounding land.

The Southern region tends to have elevated concentrations of nitrate present in most watercourses due agricultural run-off. The lower part of the Silverburn, Santonburn, Cott ny Greiney and Colby river are all classified as **Good**. The upper reaches of these catchments are classified as **Excellent**; due to the slope and land type this land is not suitable for the application of fertilisers or slurry unlike the lower reaches where the land is flatter. The Poolvaish, Ballabeg, Port Erin, Grenaugh and Glashen streams are all classified as **Moderate**. This increase in nitrate is likely to be due to agricultural run-off and insufficient storage of slurry at some sites meaning slurry is spread during periods of rainfall when the land is saturated and run-off is greater. The Crogga River has varying classifications within its length with the upper reaches classified as **Good**; the middle section classified as **Excellent** and the lower reaches classified as **Moderate**. The lower reaches is likely to be impacted by agricultural run-off causing the decrease in classification.

TABLE 11. NITRATE CLASSIFICATION FOR THE ISLE OF MAN'S RIVERS

| Grade | A | B | C | D |
|---------------------------------------|-----------|-----------|-----------|----------|
| Quality | Excellent | Good | Moderate | Poor |
| 2003 – 2005 River Length % | 47 | 28 | 25 | 0 |
| 2015 – 2016 River Length % | 54 | 35 | 11 | 0 |
| 2015 – 2018 River Length % | 46 | 37 | 17 | 0 |
| 2015 – 2019 River Length % | 47 | 33 | 20 | 0 |
| 2016 – 2020 River Length % | 52 | 31 | 17 | 0 |
| 2017 – 2021 River Length % | 53 | 30 | 17 | 0 |
| 2018 – 2022 River Length % | 54 | 29 | 17 | 0 |
| 2019 – 2023 River Length % | 55 | 28 | 17 | 0 |

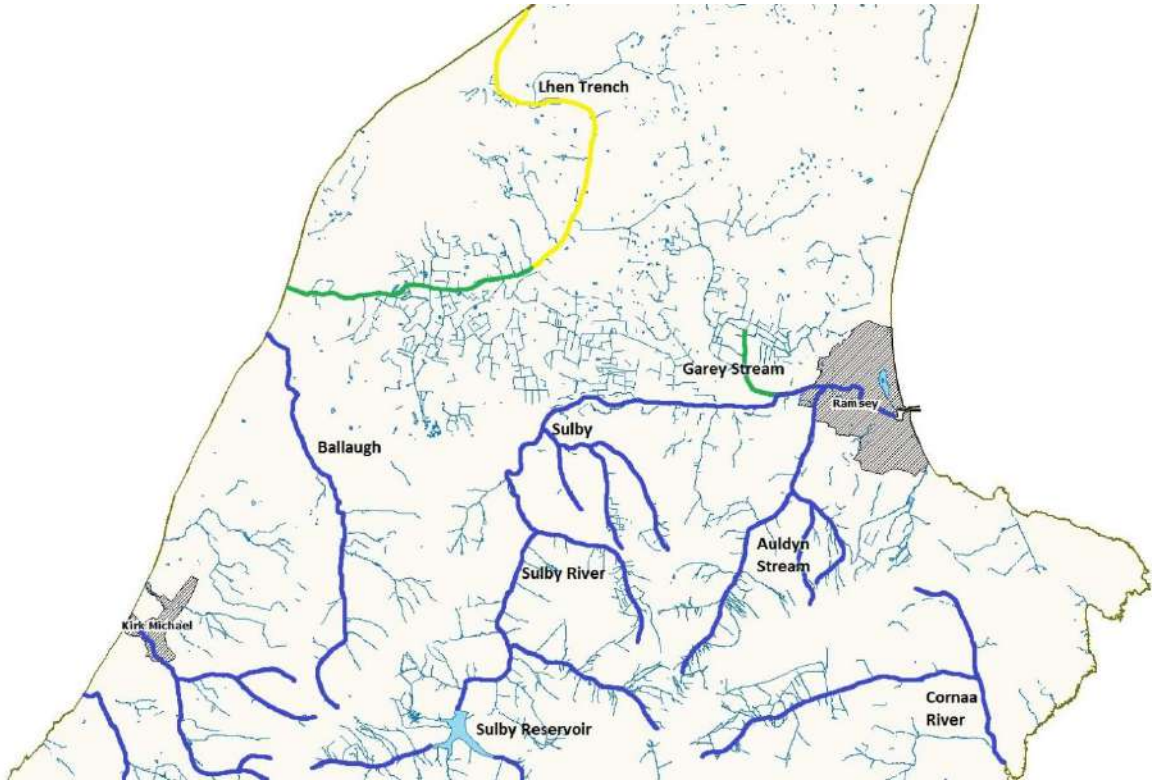


FIGURE 13. NITRATE ASSESSMENT FOR THE NORTHERN REGION

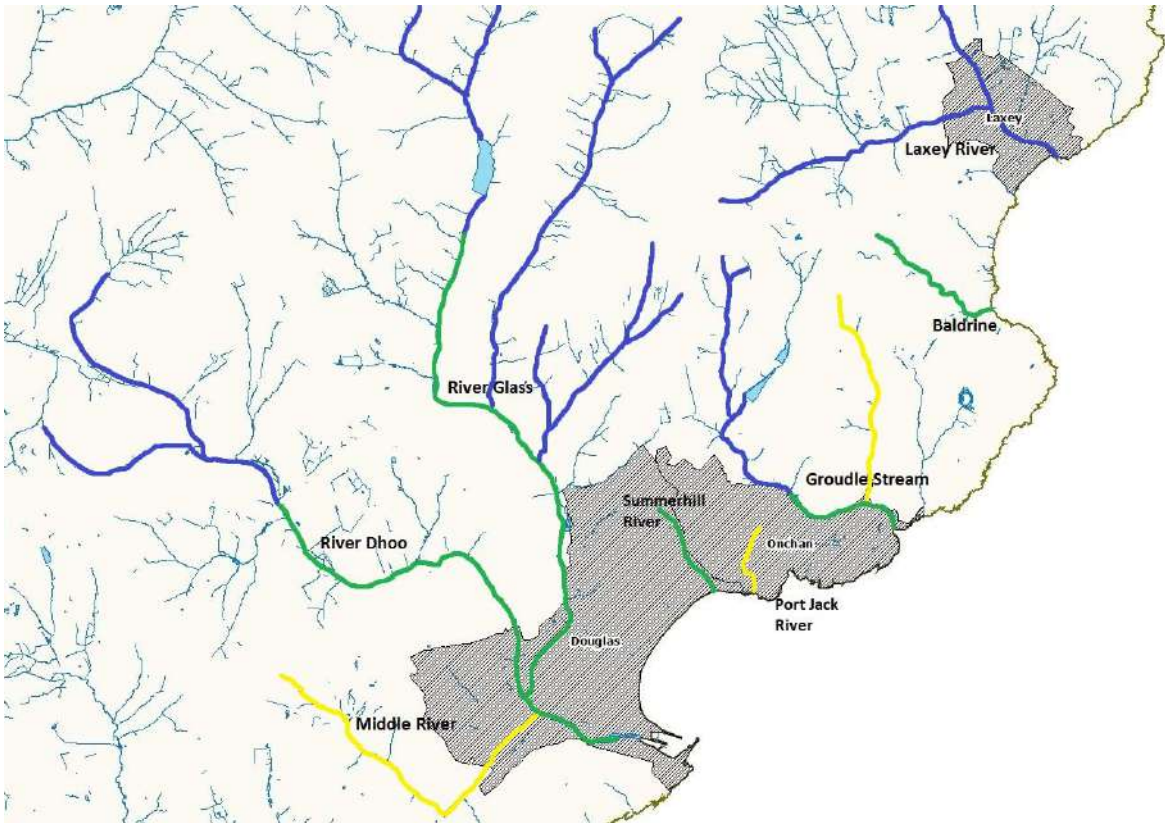


FIGURE 14. NITRATE ASSESSMENT FOR THE EASTERN REGION

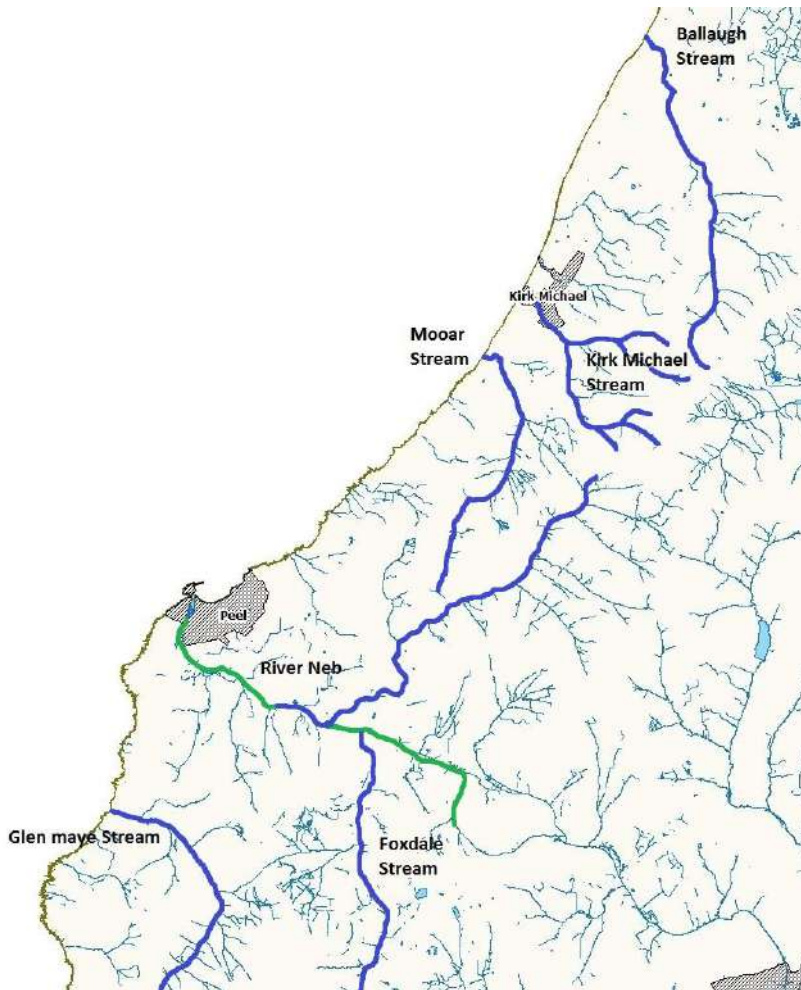


FIGURE 15. NITRATE ASSESSMENT FOR THE WESTERN REGION

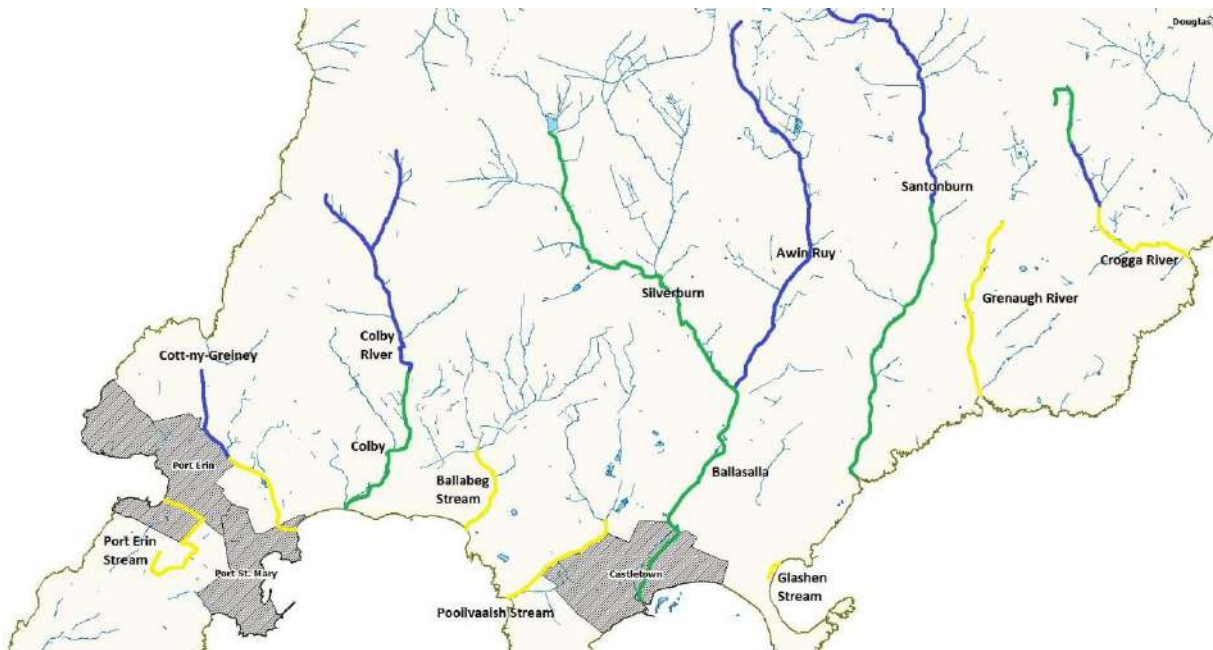


FIGURE 16. NITRATE ASSESSMENT FOR THE SOUTHERN REGION

9. Heavy Metal Assessment

The standards used to assess the heavy metal status of the islands watercourses are detailed in Section 4. The list of sites assessed for heavy metal concentrations are detailed in Appendix 2 including all of the RAW data detailed in Appendix 5.

Heavy metal sampling is only collected at specific sites which were determined by external consultants APEM Ltd who undertook a screening assessment as part of the development of the environmental quality standards detailed in the [Water Pollution \(Standards and Objectives\) Scheme 2020](#). A **pass** or **fail** assessment is completed and Table 10 shows the percentage of the monitored sites achieving the EQS using data from 2020 – 2023.

TABLE 12. METAL CLASSIFICATION BY PERCENTAGE OF RIVERS PASSING OR FAILING

| Classification | Dissolved Copper | Dissolved Manganese | Dissolved Nickel | Dissolved Zinc | Dissolved Iron | Dissolved Cadmium |
|----------------|------------------|---------------------|------------------|----------------|----------------|-------------------|
| Pass | 100% | 100% | 100% | 18% | 94% | 71% |
| Fail | 0% | 0% | 0% | 82% | 6% | 29% |

For dissolved copper, manganese and nickel **100%** of the monitored sites **passed** the EQS detailed in scheme. Whereas for dissolved iron and cadmium, **94%** and **71%** of sites respectively passed the EQS.

The only exception is the dissolved zinc whereby **82%** of sites **failed/exceeded** the EQS. Due to the natural geology of the Isle of Man and historic minimum activity, zinc concentrations are expected to be high in specific catchments. All monitored locations exceeded the standard except for the Lhen Trench where agriculture is the main land use and no mining history. The highest concentrations of dissolved zinc were observed in the Laxey river and Foxdale catchments where this is known historic mining activity. Elevated concentrations of zinc can be toxic to aquatic species and has been found to bio-accumulate.

10. Additional Monitoring

The Environmental Protection Unit did not undertake any additional river monitoring projects during 2023 due to limited resources and budget constraints.

11. Pollution Investigations

The Environmental Protection Unit investigate river pollution incidents reported by members of the public or identified by officers. Throughout 2023 officers investigated 70 incidents across the Isle of Man. Some incidents required long term management plans by the land owners/operators and some could not be located or identified. Pollution reports increase during the summer months as more people are enjoying the outdoor environment and issues can sometimes be easier to see due to low river flow and increased air/water temperature.

There are various types of pollution incidents;

- Sediment
- Sewage
- Oil
- Agricultural
- Other

Some of the notable incidents relate to sediment pollution surrounding large developments across the Isle of Man. Sediment management during the construction phase of developments is very important especially where agricultural land has been stripped as the exposed sediment is easily mobilised during rainfall. Hay bales, sedimats and attenuation ponds are used to assist with the settlement of sediment to protect the downstream watercourse. Reducing the amount of sediment discharging downstream from developments is important especially during the winter as sediment can damage the spawning grounds for salmonids and juvenile fish. Year round protection of watercourses from sediment pollution is important to protect the invertebrates and salmonids.

Sewage pollution is also a regular pollution incident investigated by EPU officers. Sewage pollution tends to be observed more in the summer months when the flow rate of the receiving watercourse is lower, odour is greater and grey growth can be observed on the river bed/banks. Sewage pollution tends to be either an overflowing septic tank or an issue with a sewage treatment works. Both causes are easily resolved by the property owners arranging for them to be emptied through Manx Utilities or serviced by a mechanic. Immediate improvement will be observed with reduced/no odour and a reduction of grey growth on the riverbed or banks.

Oil pollution can originate from a variety of sources; vehicles, vessels, residential dwellings or machinery. If oil enters a watercourse EPU officers will investigate the source as stopping it is the priority. By stopping the source it will protect the downstream environment and officers can deploy absorbent booms or other equipment to clean up the pollution. Where heating oil has polluted the ground land owners are advised to contact their insurance companies so a land contamination assessment can be completed. This assessment will determine the spread of the pollutant and protect the surrounding properties/land.

Agricultural pollution tends to be identified through an increase in nutrients and/or Biochemical Oxygen Demand (BOD). Agricultural pollution can be very polluting to the freshwater environment and in certain circumstances can cause fish deaths. Slurry and milk are the two most polluting substances associated with agricultural sites and if discharged into a watercourse it can destroy the ecosystem.

EPU Officers have been working with the Department of Infrastructure (DOI) Harbours to assist with pollution reporting and investigations, which in turn will improve the out of hours pollution response for the Isle of Man. Most harbours have a river/stream discharging into them so by working together we can identify where the pollution originates from. DEFA and DOI are also going to increase the education for harbour users and members of the public on the types of pollution which should reduce the number of incidents.

EPU officers also work with colleagues at Manx Utilities to investigate sources of pollutants within residential areas which are discharged into rivers and streams through the surface water drainage. Cross connections tend to occur when extensions or alterations are made to

residential properties and the drainage is connected up to the wrong sewer. Dye testing can be undertaken to confirm a cross connection and arrangements can be made to fix the issue. Due to the complicated and large size of some of the surface water drainage networks it can be difficult to identify the source of a pollutant and may take multiple visits to fix the issue. Education letters are regularly sent to households to inform the public on the difference between the sewerage networks and how to protect the receiving environment from pollutants.

Water pollution incidents can be reported by calling 01624 685885 or by emailing environmentalprotection@gov.im. Information such as the location (What3Words), visual appearance and photos are useful when reporting an incident as it will assist officers prior to attending.

12. Discharge License Compliance Assessment

12.1 Overview

The licensing of discharges into the watercourses was introduced in 2005 under Section 5 of the Water Pollution Act 1993. Discharges which were occurring before licensing was introduced were issued with 'existing' licenses under the Act and include the discharge of septic tank effluent into watercourses. However, for all new discharges (since 2005) the discharge of septic tank effluent into a watercourse is not permitted and applicants need to install a sewage treatment works as the effluent is of a higher quality which protects the receiving waterbody.

The DEFA Discharge License Policy shown in Figure 17 has been created to minimise the volume of treated sewage effluent discharging into the islands rivers and streams which can dry out during periods of low rainfall. Prior to progressing a license application investigations must be undertaken to determine if a connection to mains sewerage infrastructure is possible or the use of a full soak-away which includes percolation tests. These measures reduce the number of discharges licensed to enter the watercourses which protects the water quality and ecosystem.



FIGURE 17. DISCHARGE LICENSE POLICY – FLOW DIAGRAM

12.2 2023 Discharge Licenses

In 2023 the Department issued twelve new discharge licenses of which six were for treated sewage effluent and six for site drainage from licensed waste disposal sites.

Five of the treated sewage effluent licenses included the use of a partial soak-away which protects the receiving watercourse during periods of low river flow during the summer months.

Previously conditions set for the discharge of water from waste disposal sites were included in their Waste Disposal License (WDL) however it did not include the additional conditions for fisheries protection and maintenance. As such the Department has removed the conditions within their WDL and have issued a discharge licenses to each site.

12.3 MU Discharge License Compliance

Manx Utilities have discharge licenses for all of their sewage treatment works that discharge into inland and coastal waters. For inland water, the discharge licenses contain maximum concentrations for Biochemical Oxygen Demand (BOD), ammonia, suspended solids and pH whereas for discharges into coastal waters the licenses only include BOD, suspended solids and pH only. This is due to the receiving environment, ammonia is less of a concern.

The number of samples collected of treated sewage effluent depends on the size of the sewage treatment works. In the discharge license a 99th percentile table details the number of failures accepted based off of the number of samples collected (Appendix 3).

For 2023, Manx Utilities complied with 72% of their treated sewage effluent discharge licenses taking into account the number of permitted individual water sample failures as mentioned above. Sewage treatment works with issues of non-compliance are primarily located inland where the ammonia limits are included in the licenses and the discharges enter rivers or streams.

Manx Utilities are working with the Department to review the discharge licenses for the inland sewage treatment works. Modelling has been undertaken and additional sampling upstream and downstream of the works will be required for a period of time to assess the impact on the receiving watercourse. If issues are identified the discharge consents will be reviewed with Manx Utilities to protect the receiving environment.

13. Conclusion

Overall the health of the Isle of Man's watercourses remains stable in comparison to previous assessments. 98% of the watercourses have achieved **Excellent** and **Good** chemical classification. 97% of watercourses achieved **Excellent** and **Good** phosphate classification.

Whereas for nitrate only 83% achieved **Excellent** and **Good** classification. 17% of sites achieved **Moderate** nitrate classification; these are mainly in the Southern, Northern and parts of the Eastern region. Further research into the source of the increased nitrate is required and through working with stakeholder's officer can advise with colleagues in Agriculture on how to reduce the concentration to protect the watercourse. As the percentage of sites achieving **Moderate** classification has remained the same for the past couple of assessments it would suggest the discharges are continual and not one off discharges.

By completing the biological assessment on the historic data using the new Isle of Man specific River Invertebrate Classification Tool (RICT) it will allow the health of the islands watercourses to be fully reviewed. The biological data will be compared alongside the chemical and nutrient data. EPU officers will also use the salmonid data collected by Inland Fisheries to assess the health of the islands watercourses and suggested areas for improvement.

Education for members of the public and land owners is important to improving the health of the islands watercourses. EPU officers are working with Manx Utilities, Agriculture and DOI Harbours to increase the amount of information available to the public about water pollution incidents, how to report them and how to ensure they don't occur.

14. Further Work

- Continue with the routine river water quality monitoring programme throughout 2024 to ensure the continuation of baseline data.
 - Continue to investigate and resolve pollution incidents to protect the downstream environment.
 - Identify areas of increased nitrate concentrations and work with landowners to reduce run off and protect the watercourse from eutrophication.
 - Review the historic biological data using the newly created River Invertebrate Classification Tool (RICT) and create a summary report of the data.
 - Increase the sampling of the Crogga River around the downstream Bushey's Brewery site during the summer of 2024 to identify the source of BOD, ammonia and phosphate which was observed in the 2022 and 2023 summer samples. Investigations undertaken in 2023 did not provide the additional information required to identify the source.
 - Continue to work with colleagues in Manx Utilities and DOI Harbours to educate the public on pollutions and how to reduce the occurrence.
 - Work with the agriculture directorate to reduce the nitrate concentration in areas of the Southern and Northern catchments through educating the landowners and working with stakeholders.
 - Review the standards included in the Water Pollution (Standards and Objectives) Scheme 2020 ahead of it being in force on the 31st December 2025.
-

15. Appendices

15.1 Appendix 1 - List of all sampling sites

| Site Code | River | Site Name | Biology | Water Sample Only |
|-------------|---------------------|-----------------------------|---------|-------------------|
| 2001 | Middle River | u/s River Douglas | Y | |
| 2002 | Middle River | Richmond Hill | Y | |
| 2003 | River Douglas | d/s Pulrose | Y | |
| 2004 | River Dhoo | u/s Quaterbridge | | Y |
| 2005 | Middle River | u/s discharge | | Y |
| 2006 | River Dhoo | Union Mills | Y | |
| 2011 | River Dhoo | d/s Greeba confluence | Y | |
| 2013 | River Glass | Quaterbridge | | Y |
| 2015 | Sulby Stream | u/s River Glass | | Y |
| 2017 | Baldwin River | u/s Glass Confluence | | Y |
| 2022 | River Glass | d/s reservoir | | Y |
| 2023 | River Glass | Injebreck | Y | |
| 2026 | River Dhoo | u/s Glen Vine Bridge | | Y |
| 2027 | Greeba River | Creg-y-Whuallian | | Y |
| 2028 | River Dhoo | d/s Archallagon | | Y |
| 2031 | Middle River | Oakhill | | Y |
| 2101 | Groudle River | Port Groudle | Y | |
| 2102 | Baroose Stream | u/s Footbridge | | Y |
| 2201 | Baldrine Stream | Garwick Bay | | Y |
| 2211 | Laxey River | Old Laxey | Y | |
| 2213 | Glen Roy Stream | u/s River Laxey | Y | |
| 2216 | Laxey River | u/s Glen Roy Confluence | | Y |
| 2218 | Laxey River | u/s Mooar Confluence | | Y |
| 2311 | Cornaa River | Port Cornaa | Y | |
| 2315 | Cornaa River | Ballaglass Glen | | Y |
| 2421 | Glen Audlyn Stream | u/s Sulby confluence | Y | |
| 2422 | Fern Glen Stream | u/s Glen Auldyn Stream | | Y |
| 2423 | Glen Audlyn Stream | Glen Auldyn Arm | | Y |
| 2424 | Garey Stream | u/s Sulby Confluence | | Y |
| 2427 | Sulby River | Garey Weir | | Y |
| 2428 | Sulby River | Ellenbane | Y | |
| 2429 | Ballamenaugh Stream | u/s Sulby River | | Y |
| 2430 | Sulby River | u/s Ballamenaugh Confluence | | Y |
| 2431 | Ballakerka Stream | u/s Sulby Confluence | | Y |
| 2432 | Sulby River | u/s Ballakerka Confluence | Y | |
| 2433 | Block Eary Stream | u/s Sulby Confluence | | Y |
| 2434 | Sulby River | u/s Block Eary Confluence | | Y |
| 2435 | Sulby River | d/s reservoir | Y | |
| 2436 | Sulby River | Druidale | | Y |
| 2438 | Lhergyhenny Stream | u/s Reservoir | | Y |

| | | | | |
|-------------|---------------------|------------------------------------|---|---|
| 2511 | Lhen Trench | Cronk-ny-bing | | Y |
| 2512 | Lhen Trench | Kerrowmoar | | Y |
| 2513 | Lhen Trench | Close-y-kewin | | Y |
| 2603 | Ballaugh Stream | u/s Ballaugh Bridge | Y | |
| 2634 | Kirk Michael Stream | d/s Fish Farm Abstraction | | Y |
| 2651 | Mooar Stream | u/s Ford | | Y |
| 2711 | River Neb | d/s weir & Raggatt | Y | |
| 2714 | Foxdale Stream | u/s River Neb | Y | |
| 2715 | St John's Stream | u/s Foxdale Stream Confluence | | Y |
| 2718 | Foxdale Stream | u/s St John's Stream Confluence | | Y |
| 2720 | Foxdale Stream | Lower Foxdale | | Y |
| 2721 | Foxdale Stream | u/s Foxdale | | Y |
| 2722 | River Neb | u/s Foxdale Stream Confluence | | Y |
| 2725 | River Neb | Glen Helen | | Y |
| 2726 | River Neb | u/s Ballahra | | Y |
| 2728 | River Neb | u/s Raggatt Landfill Site | | Y |
| 2801 | Glen Maye Stream | d/s Glen Maye | Y | |
| 2802 | Glen Maye Stream | u/s Glen Maye | | Y |
| 3002 | Colby River | Kentraugh | | Y |
| 3004 | Colby River | Colby Glen | Y | |
| 3021 | Ballabeg Stream | Strandhall | Y | |
| 3031 | Polyvaaish Stream | u/s beach | Y | |
| 3103 | Awin Ruy | u/s Silverburn Confluence | | Y |
| 3105 | Silverburn | u/s Awin Ruy Confluence | | Y |
| 3107 | Awin Ruy | St Marks | | Y |
| 3111 | Glashen Stream | Derbyhaven | Y | |
| 3201 | Santonburn | Ballawoods | Y | |
| 3203 | Santonburn | Ballalona | Y | |
| 3205 | Santonburn | Tosaby | | Y |
| 3231 | Crogga River | Port Soderick | Y | |
| 3233 | Crogga River | d/s Bushey's Brewery | | Y |
| 3235 | Crogga River | u/s Mount Murray | | Y |
| 3240 | Port Erin Stream | Athol Park Glen | | Y |
| 3241 | Cott-Ny-Greiney | Surby | | Y |
| 3242 | Cott-Ny-Greiney | Gansey Mill | | Y |
| 3243 | Grenaugh River | Port Grenaugh | | Y |
| 3244 | Dhoon River | Dhoon Glen | | Y |
| 3245 | Port Jack River | Port Jack Glen | | Y |
| 3246 | Summerhill River | Summerhill Glen | | Y |
| 3301 | River Glass | Tromode | Y | |
| 3302 | River Glass | Papermill | Y | |
| 3303 | Groudle River | Whitebridge | Y | |
| 3304 | Silverburn | Ballamodha | Y | |
| 3305 | Silverburn | Ronaldsway Halt | Y | |
| 3306 | Santonburn | Mullinaragher | | Y |
| 3307 | River Neb | Tynwald Mills | Y | |

15.2 Appendix 2 - List of sites for heavy metal assessment

| Site Code | River | Site Name |
|------------------|------------------|-------------------------|
| 2211 | Laxey River | Old Laxey |
| 2216 | Laxey River | u/s Glen Roy Confluence |
| 2218 | Laxey River | u/s Mooar Confluence |
| 2311 | Cornaa River | Port Cornaa |
| 2315 | Cornaa River | Ballaglass Glen |
| 2422 | Fern Glen Stream | u/s Glen Auldyn Stream |
| 2511 | Lhen Trench | Cronk ny Bing |
| 2512 | Lhen Trench | Kerrowmoar |
| 2513 | Lhen Trench | Close y Kewin |
| 2718 | Foxdale Stream | u/s St Johns Confluence |
| 2720 | Foxdale Stream | Lower Foxdale |
| 2721 | Foxdale Stream | u/s Foxdale |
| 2801 | Glen Maye Stream | d/s Glen Maye |
| 2802 | Glen Maye Stream | u/s Glen Maye |
| 3203 | Santonburn | Ballalona |
| 3205 | Santonburn | Tosaby |
| 3244 | Dhooon River | Dhooon Glen |

15.3 Appendix 3 - 95% Percentile Look up Table for Discharge Licenses

ANNEX 1

95% Percentiles Look Up Table

| Series of samples taken in any year | Maximum number of samples for given determinand permitted to exceed limit |
|-------------------------------------|---|
| 4-7 | 1 |
| 8-16 | 2 |
| 17-28 | 3 |
| 29-40 | 4 |
| 41-53 | 5 |
| 54-67 | 6 |
| 68-81 | 7 |
| 82-95 | 8 |
| 96-110 | 9 |
| 111-125 | 10 |
| 126-140 | 11 |
| 141-155 | 12 |
| 156-171 | 13 |
| 172-187 | 14 |
| 188-203 | 15 |
| 204-219 | 16 |
| 220-235 | 17 |
| 236-251 | 18 |
| 252-268 | 19 |
| 269-284 | 20 |
| 285-300 | 21 |
| 301-317 | 22 |
| 318-334 | 23 |
| 335-350 | 24 |
| 351-365 | 25 |

15.4 Appendix 4 - RAW River Water Quality Data

| Site Code | Gov Lab Ref | Sampling Date | Sample Temperature (°c) | pH | Conductivity (µS/cm) | BOD (mg/L) | Dissolved O ₂ (%) | Dissolved O ₂ (mg/L) | Alkalinity HCO ₃ (mg/L) | NH ₄ (mg/L) | NO ₃ (mg/L) | PO ₄ (mg/L) |
|-----------|-------------|---------------|-------------------------|------|----------------------|------------|------------------------------|---------------------------------|------------------------------------|------------------------|------------------------|------------------------|
| 2001 | 2844 | 04/04/2019 | 8.8 | 6.97 | 285 | 2 | 100.00% | 11.64 | 64.2 | 0.18 | 13.3 | <0.07 |
| 2001 | 6856 | 07/08/2019 | 14.9 | 6.94 | 287 | 3 | 91.00% | 9.19 | 69 | 0.063 | 10.2 | <0.05 |
| 2001 | 10879 | 18/12/2019 | 8 | 7.17 | 257 | <2 | 96.00% | 11.43 | 57.2 | 0.153 | 11.3 | <0.05 |
| 2002 | 2845 | 04/04/2019 | 8.5 | 7.05 | 253 | 3 | 101.00% | 11.8 | 47.4 | 0.22 | 14.8 | 0.1 |
| 2002 | 7381 | 23/08/2019 | 14 | 7.44 | 238 | <2 | 103.00% | 10.57 | 47.8 | 0.112 | 11.9 | 0.06 |
| 2002 | 9894 | 14/11/2019 | 8.5 | 7.16 | 221 | <2 | 83.20% | 9.74 | 44.7 | 0.053 | 12.5 | <0.05 |
| 2003 | 2843 | 04/04/2019 | 7.9 | 7.1 | 156 | <2 | 103.00% | 12.18 | 28.5 | 0.024 | 6.88 | <0.07 |
| 2003 | 6855 | 07/08/2019 | 16.1 | 7.03 | 146 | <2 | 94.00% | 9.22 | 30.7 | 0.017 | 3.68 | 0.05 |
| 2003 | 10878 | 18/12/2019 | 6.4 | 7.22 | 141 | <2 | 97.00% | 11.9 | 25.1 | 0.024 | 7.38 | <0.05 |
| 2004 | 5810 | 04/07/2019 | 15.8 | 6.59 | 228 | <2 | 97.30% | 9.65 | 51.3 | 0.023 | 11 | 0.3 |
| 2005 | 7382 | 23/08/2019 | 14.2 | 7.45 | 212 | 2 | 103.00% | 10.59 | 42.7 | 0.176 | 10.5 | 0.07 |
| 2006 | 5237 | 19/06/2019 | 14.6 | 7.29 | 193 | <2 | 95.00% | 9.66 | 47.5 | 0.072 | 8.37 | 0.38 |
| 2007 | 3191 | 11/04/2019 | 8 | 7.03 | 278 | <2 | 93.80% | 11.12 | 55.7 | 0.463 | 15.6 | <0.07 |
| 2007 | 10925 | 19/12/2019 | 8.8 | 7.6 | 244 | <2 | 92.00% | 10.68 | 50.2 | 0.155 | 11.1 | 0.05 |
| 2011 | 2524 | 27/03/2019 | 9.4 | 6.87 | 139 | <2 | 98.00% | 11.26 | 28.1 | 0.048 | 4.33 | <0.07 |
| 2011 | 7584 | 30/08/2019 | 13.9 | 6.75 | 142 | <2 | 98.00% | 10.08 | 28.1 | 0.039 | 2.89 | <0.05 |
| 2011 | 9892 | 14/11/2019 | 7.1 | 6.76 | 134 | <2 | 77.80% | 9.42 | 26 | 0.046 | 4.66 | <0.05 |
| 2013 | 5809 | 04/07/2019 | 14.5 | 6.79 | 153 | <2 | 94.00% | 9.58 | 28.7 | 0.012 | 7.01 | <0.07 |
| 2015 | 5814 | 04/07/2019 | 13.5 | 6.65 | 169 | <2 | 94.20% | 9.82 | 39.2 | 0.018 | 4.5 | <0.07 |
| 2017 | 5812 | 04/07/2019 | 13.6 | 6.77 | 110 | <2 | 92.00% | 9.83 | 19.2 | 0.013 | 3.53 | <0.07 |
| 2019 | 5813 | 04/07/2019 | 13.7 | 6.76 | 124 | <2 | 95.70% | 9.93 | 17.9 | <0.010 | 8.74 | <0.07 |
| 2022 | 5811 | 04/07/2019 | 12.3 | 6.97 | 69.5 | <2 | 92.00% | 9.85 | 5.26 | 0.073 | 1.13 | <0.07 |
| 2023 | 2603 | 29/03/2019 | 7.7 | 6.49 | 68.8 | <2 | 97.00% | 11.58 | 3.11 | 0.037 | 0.85 | <0.07 |
| 2023 | 7586 | 30/08/2019 | 12.8 | 6.58 | 62.2 | <2 | 102.00% | 10.76 | 4.82 | 0.01 | 0.43 | <0.05 |

| | | | | | | | | | | | | |
|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2023 | 10926 | 19/12/2019 | 7.5 | 6.45 | 60 | <2 | 93.00% | 11.13 | 6.4 | <0.010 | 1.19 | <0.05 |
| 2024 | 7686 | 04/09/2019 | 13.6 | 7.2 | 105 | <2 | 96.10% | 9.99 | 16.2 | <0.010 | 5.23 | <0.05 |
| 2026 | 2525 | 27/03/2019 | 9.7 | 6.84 | 148 | 3 | 101.00% | 11.51 | 28.9 | 0.134 | 5.2 | <0.07 |
| 2026 | 7585 | 30/08/2019 | 14 | 6.91 | 150 | <2 | 98.00% | 10.07 | 30.1 | 0.145 | 3.99 | 0.07 |
| 2026 | 9893 | 14/11/2019 | 7.4 | 6.85 | 142 | <2 | 80.30% | 9.66 | 26.9 | 0.067 | 5.86 | <0.05 |
| 2027 | 7055 | 14/08/2019 | 13.6 | 7.34 | 95.9 | <2 | 90.00% | 9.34 | 13.2 | 0.038 | 1.52 | <0.05 |
| 2028 | 5236 | 19/06/2019 | 11.4 | 7.57 | 140 | <2 | 92.00% | 10.06 | 3.47 | 0.012 | 0.2 | <0.07 |
| 2029 | 2841 | 04/04/2019 | 7.3 | 7.16 | 127 | <2 | 98.00% | 11.82 | 18.8 | 0.017 | 6.37 | <0.07 |
| 2029 | 6854 | 07/08/2019 | 15.3 | 7.18 | 105 | <2 | 92.00% | 9.24 | 17.4 | 0.01 | 2.82 | <0.05 |
| 2029 | 10877 | 18/12/2019 | 6.4 | 7.23 | 117 | <2 | 97.00% | 11.91 | 18.5 | 0.018 | 6.77 | <0.05 |
| 2030 | 2840 | 04/04/2019 | 6.7 | 7.14 | 125 | <2 | 96.00% | 11.79 | 19.6 | 0.016 | 6.29 | <0.07 |
| 2030 | 6853 | 07/08/2019 | 15.1 | 7.18 | 105 | <2 | 91.00% | 9.19 | 18.9 | 0.012 | 2.81 | <0.05 |
| 2030 | 10876 | 18/12/2019 | 6.2 | 7.21 | 116 | <2 | 95.00% | 11.76 | 18.2 | 0.017 | 6.77 | <0.05 |
| 2031 | 7056 | 14/08/2019 | 14.3 | 7.05 | 232 | 3 | 94.00% | 9.58 | 54 | 0.422 | 9.06 | 0.15 |
| 2101 | 2604 | 29/03/2019 | 9 | 7.05 | 187 | <2 | 99.40% | 11.49 | 31.8 | 0.065 | 7.77 | <0.07 |
| 2101 | 6043 | 11/07/2019 | 14.2 | 7.24 | 249 | <2 | 94.40% | 9.69 | 45.6 | 0.087 | 7.9 | 0.07 |
| 2101 | 10880 | 18/12/2019 | 6.4 | 7.52 | 174 | <2 | 96.00% | 11.85 | 33.3 | 0.012 | 6.95 | <0.05 |
| 2102 | 6044 | 11/07/2019 | 13.8 | 7.34 | 226 | <2 | 97.30% | 10.07 | 49.4 | 0.013 | 9.58 | 0.06 |
| 2103 | 2842 | 04/04/2019 | 8.1 | 7.11 | 155 | <2 | 101.00% | 11.89 | 28.7 | 0.016 | 4.33 | <0.07 |
| 2103 | 6045 | 11/07/2019 | 14 | 7.4 | 193 | <2 | 97.10% | 10 | 42.1 | 0.017 | 6.55 | 0.06 |
| 2103 | 10881 | 18/12/2019 | 6.5 | 7.28 | 158 | 7 | 97.00% | 11.87 | 29 | 0.016 | 4.86 | <0.05 |
| 2104 | 7054 | 14/08/2019 | 13.4 | 7.31 | 107 | <2 | 92.00% | 9.62 | 26.2 | 0.026 | 1.99 | <0.05 |
| 2201 | 5054 | 14/06/2019 | 10.7 | 7.58 | 189 | <2 | 97.00% | 10.78 | 41.3 | 0.016 | 7.66 | <0.07 |
| 2211 | 5055 | 14/06/2019 | 11.4 | 7.81 | 77.3 | <2 | 97.00% | 10.54 | 10.9 | 0.012 | 1.51 | <0.07 |
| 2213 | 5057 | 14/06/2019 | 10.4 | 7.64 | 79.4 | <2 | 96.00% | 10.74 | 11 | <0.010 | 1.5 | <0.07 |
| 2216 | 5056 | 14/06/2019 | 11.3 | 7.77 | 69.1 | <2 | 96.00% | 10.55 | 7.73 | 0.017 | 1.32 | <0.07 |
| 2218 | 5058 | 14/06/2019 | 11.3 | 7.72 | 61.1 | <2 | 96.00% | 10.52 | 4.37 | 0.012 | 1.21 | <0.07 |
| 2311 | 5059 | 14/06/2019 | 10.8 | 7.62 | 75.1 | <2 | 95.00% | 10.56 | 8.29 | 0.031 | 1.83 | <0.07 |
| 2315 | 5060 | 14/06/2019 | 10.2 | 7.69 | 59.6 | <2 | 95.00% | 10.73 | 4.93 | 0.024 | 1.12 | <0.07 |
| 2421 | 2575 | 28/03/2019 | 8.2 | 6.35 | 86.6 | <2 | 98.00% | 11.55 | 6.1 | <0.010 | 1.58 | <0.07 |

| | | | | | | | | | | | | |
|------|-------|------------|------|------|------|----|---------|-------|------|--------|-------|-------|
| 2421 | 7587 | 30/08/2019 | 15.3 | 6.69 | 79.6 | <2 | 108.00% | 10.82 | 6.94 | 0.012 | 0.94 | <0.05 |
| 2421 | 10446 | 04/12/2019 | 7.7 | 6.56 | 79.9 | <2 | 92.80% | 11.1 | 8.19 | 0.012 | 1.98 | <0.05 |
| 2422 | 5309 | 20/06/2019 | 11 | 7.75 | 79.4 | <2 | 90.00% | 9.98 | 4.26 | <0.010 | 0.87 | <0.07 |
| 2423 | 5308 | 20/06/2019 | 11.9 | 7.85 | 64 | <2 | 91.00% | 9.82 | 5.6 | <0.010 | 0.46 | <0.07 |
| 2424 | 5311 | 20/06/2019 | 13.6 | 7.1 | 430 | <2 | 79.00% | 8.26 | 154 | 0.138 | 6.6 | <0.07 |
| 2427 | 5310 | 20/06/2019 | 13.3 | 7.66 | 75.4 | <2 | 96.00% | 9.99 | 7 | 0.019 | 1.44 | <0.07 |
| 2428 | 2574 | 28/03/2019 | 7.9 | 6.35 | 81.8 | <2 | 96.80% | 11.5 | 7.59 | <0.010 | 2.41 | <0.07 |
| 2428 | 7582 | 30/08/2019 | 14.4 | 6.74 | 76.4 | <2 | 102.00% | 10.46 | 9.74 | 0.019 | 1.33 | <0.05 |
| 2428 | 10447 | 04/12/2019 | 7.5 | 6.57 | 70.7 | <2 | 91.20% | 10.9 | 7.97 | <0.010 | 2.07 | <0.05 |
| 2429 | 5312 | 20/06/2019 | 12.9 | 7.57 | 105 | <2 | 93.00% | 9.86 | 15 | 0.013 | 5.19 | <0.07 |
| 2430 | 5313 | 20/06/2019 | 13.9 | 7.74 | 69 | <2 | 97.00% | 10.02 | 4.93 | <0.010 | 0.95 | <0.07 |
| 2431 | 5314 | 20/06/2019 | 12.1 | 7.69 | 78.2 | <2 | 94.00% | 10.06 | 6.05 | <0.010 | 1.18 | <0.07 |
| 2432 | 5315 | 20/06/2019 | 13.8 | 7.72 | 67.2 | <2 | 96.00% | 9.98 | 4.7 | 0.014 | 0.87 | <0.07 |
| 2433 | 5317 | 20/06/2019 | 12.8 | 7.68 | 60.7 | <2 | 93.00% | 9.89 | 4.14 | <0.010 | 1.13 | <0.07 |
| 2434 | 5316 | 20/06/2019 | 13.3 | 7.61 | 81.2 | <2 | 96.00% | 10.03 | 6.05 | <0.010 | 1 | <0.07 |
| 2435 | 2573 | 28/03/2019 | 7.2 | 6.36 | 82.3 | <2 | 93.30% | 11.28 | 5.98 | <0.010 | 1.13 | <0.07 |
| 2435 | 7583 | 30/08/2019 | 14.1 | 6.37 | 76.6 | <2 | 101.00% | 10.43 | 6.05 | 0.067 | 0.49 | <0.05 |
| 2435 | 10448 | 04/12/2019 | 7.1 | 6.27 | 74.3 | <2 | 91.90% | 11.1 | 7.41 | 0.046 | 0.72 | <0.05 |
| 2436 | 5808 | 04/07/2019 | 15.7 | 7.36 | 69.4 | <2 | 95.70% | 9.5 | 11.2 | <0.010 | 0.13 | <0.07 |
| 2438 | 7684 | 04/09/2019 | 11.7 | 5.99 | 54.1 | <2 | 89.10% | 9.67 | 3.58 | 0.012 | <0.05 | <0.05 |
| 2511 | 7049 | 14/08/2019 | 13.7 | 6.98 | 510 | <2 | 83.00% | 8.62 | 146 | 0.039 | 14 | <0.05 |
| 2512 | 7050 | 14/08/2019 | 14 | 7.01 | 447 | 2 | 75.00% | 7.71 | 125 | 0.042 | 10.7 | <0.05 |
| 2513 | 7051 | 14/08/2019 | 14 | 7.03 | 401 | 2 | 78.00% | 8.07 | 110 | 0.126 | 3.85 | <0.05 |
| 2603 | 5307 | 20/06/2019 | 11.7 | 7.76 | 104 | <2 | 90.00% | 9.74 | 9.63 | 0.023 | 2.76 | <0.07 |
| 2634 | 5306 | 20/06/2019 | 12.3 | 7.66 | 131 | <2 | 89.00% | 9.54 | 29.3 | <0.010 | 2.24 | <0.07 |
| 2651 | 5305 | 20/06/2019 | 12.1 | 7.57 | 178 | <2 | 89.00% | 9.58 | 42.8 | 0.018 | 3.88 | <0.07 |
| 2711 | 473 | 17/01/2019 | 5.5 | 6.73 | 200 | <2 | 92.00% | 11.67 | 43 | 0.045 | 7.28 | <0.07 |
| 2711 | 2521 | 27/03/2019 | 8.4 | 6.75 | 179 | <2 | 99.00% | 11.56 | 38.9 | 0.069 | 6.6 | <0.07 |
| 2711 | 6231 | 17/07/2019 | 14.7 | 7.27 | 270 | <2 | 94.50% | 9.59 | 68.4 | 0.066 | 7.86 | 0.08 |
| 2711 | 10477 | 05/12/2019 | 7.9 | 7.52 | 176 | <2 | 88.90% | 10.56 | 38.5 | 0.046 | 6.72 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2714 | 471 | 17/01/2019 | 5.6 | 6.7 | 189 | <2 | 91.00% | 11.44 | 36.6 | 0.271 | 7.39 | 0.21 |
| 2714 | 2522 | 27/03/2019 | 8.7 | 6.83 | 167 | <2 | 102.00% | 11.83 | 30 | 0.02 | 5.58 | <0.07 |
| 2714 | 6232 | 17/07/2019 | 14.4 | 7.37 | 233 | 2 | 92.50% | 9.44 | 51.5 | 0.444 | 9.94 | 0.47 |
| 2714 | 10478 | 05/12/2019 | 7.9 | 7.43 | 165 | <2 | 89.10% | 10.58 | 32 | 0.057 | 6.12 | 0.06 |
| 2715 | 5231 | 19/06/2019 | 11.8 | 7.59 | 208 | <2 | 89.00% | 9.68 | 55 | 0.035 | 6.81 | <0.07 |
| 2718 | 5230 | 19/06/2019 | 12.7 | 7.85 | 167 | <2 | 93.00% | 9.83 | 30.5 | 0.016 | 2.07 | <0.07 |
| 2720 | 5232 | 19/06/2019 | 12.4 | 7.63 | 187 | <2 | 93.00% | 9.97 | 34.4 | 0.035 | 1.38 | <0.07 |
| 2721 | 5235 | 19/06/2019 | 11.7 | 7.83 | 112 | <2 | 94.00% | 10.22 | 6.94 | 0.014 | 0.87 | <0.07 |
| 2722 | 472 | 17/01/2019 | 5.4 | 6.88 | 120 | <2 | 90.00% | 11.44 | 16.6 | 0.02 | 3.64 | <0.07 |
| 2722 | 6233 | 17/07/2019 | 14.5 | 7.45 | 127 | <2 | 92.90% | 9.47 | 24.9 | <0.010 | 2.35 | <0.07 |
| 2725 | 2523 | 27/03/2019 | 8 | 7.07 | 90.8 | <2 | 100.00% | 11.81 | 10.2 | 0.017 | 2.76 | <0.07 |
| 2725 | 6234 | 17/07/2019 | 14.5 | 7.61 | 87.3 | <2 | 95.30% | 9.71 | 12.1 | 0.016 | 0.98 | <0.07 |
| 2725 | 10475 | 05/12/2019 | 7.3 | 6.87 | 127 | <2 | 85.90% | 10.35 | 9.41 | <0.010 | 3.3 | <0.05 |
| 2726 | 5229 | 19/06/2019 | 12.2 | 7.97 | 150 | <2 | 90.00% | 9.63 | 29.1 | 0.159 | 4.39 | 0.11 |
| 2728 | | 19/06/2019 | 12.4 | 7.83 | 212 | <2 | 92.00% | 9.8 | 55.1 | 0.029 | 6.04 | <0.07 |
| 2801 | 5233 | 19/06/2019 | 12.7 | 7.76 | 137 | <2 | 94.00% | 10 | 19.3 | 0.01 | 2.03 | <0.07 |
| 2802 | 5234 | 19/06/2019 | 14.4 | 7.83 | 116 | <2 | 95.00% | 9.75 | 13 | <0.010 | 0.74 | <0.07 |
| 3002 | 5967 | 10/07/2019 | 16.6 | 7.82 | 268 | <2 | 101.00% | 9.83 | 62 | 0.031 | 6.75 | <0.07 |
| 3004 | 3091 | 10/04/2019 | 10.1 | 7.7 | 193 | <2 | 100.00% | 11.26 | 24.9 | <0.010 | 5.96 | <0.07 |
| 3004 | 5971 | 10/07/2019 | 14.3 | 7.98 | 185 | <2 | 95.20% | 9.74 | 26.2 | 0.013 | 3.6 | <0.07 |
| 3004 | 10479 | 05/12/2019 | 7.9 | 7.49 | 182 | <2 | 90.60% | 10.76 | 22.1 | <0.010 | 6.51 | <0.05 |
| 3021 | 3088 | 10/04/2019 | 7.3 | 7.43 | 439 | <2 | 87.00% | 10.5 | 140 | 0.03 | 18.3 | <0.07 |
| 3021 | 5964 | 10/07/2019 | 14.8 | 7.03 | 499 | 2 | 90.10% | 9.12 | 181 | 0.078 | 12 | 0.14 |
| 3021 | 10476 | 05/12/2019 | 8.4 | 7.66 | 447 | 2 | 88.90% | 10.43 | 141 | 0.085 | 17.7 | 0.1 |
| 3031 | 3090 | 10/04/2019 | 10.7 | 7.7 | 662 | 4 | 113.00% | 12.58 | 271 | <0.010 | 15 | <0.07 |
| 3031 | 5966 | 10/07/2019 | 15.4 | 7.49 | 678 | 4 | 89.80% | 8.97 | 274 | 0.104 | 5.76 | 0.1 |
| 3031 | 10677 | 12/12/2019 | 6.9 | 7.71 | 636 | 3 | 82.70% | 10.07 | 266 | 0.316 | 13.4 | 0.19 |
| 3101 | 3192 | 11/04/2019 | 9.2 | 7.09 | 263 | <2 | 101.00% | 11.6 | 68.7 | <0.010 | 9.3 | <0.07 |
| 3101 | 6852 | 07/08/2019 | 15.2 | 7 | 200 | <2 | 91.00% | 9.11 | 50.7 | <0.010 | 3.25 | <0.05 |
| 3101 | 10923 | 19/12/2019 | 7.9 | 7.68 | 248 | <2 | 90.00% | 10.74 | 63.5 | 0.023 | 8.34 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|-------|-------|
| 3103 | 7552 | 29/08/2019 | 13.5 | 7.59 | 218 | <2 | 98.30% | 10.24 | 47.3 | 0.011 | 7.8 | <0.05 |
| 3105 | 7553 | 29/08/2019 | 12.8 | 7.54 | 178 | <2 | 98.20% | 10.39 | 26.5 | <0.010 | 6.21 | <0.05 |
| 3107 | 7551 | 29/08/2019 | 14.5 | 7.13 | 163 | <2 | 101.00% | 10.25 | 24.5 | 0.018 | 3.76 | <0.05 |
| 3108 | 7554 | 29/08/2019 | 14.8 | 6.21 | 139 | <2 | 101.00% | 10.2 | 6.38 | <0.010 | 1.83 | <0.05 |
| 3111 | 3089 | 10/04/2019 | 10.2 | 7.55 | 637 | 2 | 96.00% | 10.76 | 225 | 0.028 | 15.6 | <0.07 |
| 3111 | 5965 | 10/07/2019 | 13.2 | 7.41 | 569 | <2 | 88.20% | 9.25 | 218 | 0.074 | 9.65 | 0.18 |
| 3111 | 10676 | 12/12/2019 | 8.6 | 7.8 | 553 | <2 | 87.60% | 10.2 | 219 | 0.099 | 10.97 | 0.18 |
| 3201 | 3193 | 11/04/2019 | 9.1 | 7.17 | 223 | <2 | 102.00% | 11.7 | 53.2 | <0.010 | 8.58 | <0.07 |
| 3201 | 7685 | 04/09/2019 | 13.4 | 7.63 | 218 | <2 | 93.50% | 9.76 | 55.8 | 0.014 | 5.93 | <0.05 |
| 3201 | 10924 | 19/12/2019 | 7.7 | 7.69 | 214 | <2 | 90.00% | 10.7 | 48.2 | 0.023 | 8.85 | <0.05 |
| 3203 | 7554 | 29/08/2019 | 13 | 7.61 | 235 | <2 | 98.90% | 10.41 | 50 | 0.147 | 7.43 | <0.05 |
| 3205 | 7556 | 29/08/2019 | 14.1 | 7.44 | 203 | <2 | 100.00% | 10.27 | 45.8 | 0.022 | 1.38 | <0.05 |
| 3231 | 2578 | 28/03/2019 | 10.2 | 7.02 | 253 | <2 | 104.00% | 11.66 | 43.5 | <0.010 | 14.9 | <0.07 |
| 3231 | 7378 | 23/08/2019 | 14.5 | 7.6 | 232 | <2 | 102.00% | 10.41 | 47.6 | 0.016 | 9.8 | <0.05 |
| 3231 | 9053 | 16/10/2019 | 11.5 | 7.45 | 239 | <2 | 97.80% | 10.66 | 44.9 | 0.056 | 12.9 | <0.05 |
| 3233 | 2577 | 28/03/2019 | 10.4 | 6.79 | 187 | 2 | 102.00% | 11.43 | 33.4 | <0.010 | 5.19 | <0.07 |
| 3233 | 7379 | 23/08/2019 | 15.1 | 7.58 | 177 | 3 | 103.00% | 10.32 | 38 | 0.048 | 4.81 | <0.05 |
| 3233 | 9052 | 16/10/2019 | 11.2 | 7.39 | 174 | <2 | 95.00% | 10.43 | 38.1 | 0.079 | 5.04 | <0.05 |
| 3235 | 2576 | 28/03/2019 | 10.7 | 6.54 | 162 | <2 | 102.00% | 11.33 | 24.5 | <0.010 | 7.49 | <0.07 |
| 3235 | 7380 | 23/08/2019 | 13.3 | 6.75 | 167 | <2 | 98.80% | 10.33 | 25.9 | <0.010 | 6.58 | <0.05 |
| 3235 | 9051 | 16/10/2019 | 11.4 | 6.82 | 160 | <2 | 91.10% | 9.95 | 26.7 | 0.059 | 6.86 | <0.05 |
| 3240 | 5969 | 10/07/2019 | 15.5 | 7.59 | 465 | 4 | 91.60% | 9.13 | 139 | 0.023 | 13.1 | <0.07 |
| 3241 | 5970 | 10/07/2019 | 15.6 | 7.76 | 356 | <2 | 95.20% | 9.47 | 81.8 | 0.027 | 1.03 | 0.14 |
| 3242 | 5968 | 10/07/2019 | 13.5 | 7.56 | 564 | <2 | 92.80% | 9.67 | 180 | 0.05 | 13.6 | <0.07 |
| 3243 | 5972 | 10/07/2019 | 15 | 7.66 | 350 | <2 | 95.70% | 9.65 | 106 | 0.014 | 14.3 | <0.07 |
| 3244 | 7052 | 14/08/2019 | 13.2 | 7.49 | 60.2 | <2 | 91.00% | 9.52 | 8.96 | 0.017 | 0.48 | <0.05 |
| 3245 | 6046 | 11/07/2019 | 17.4 | 7.61 | 322 | <2 | 105.00% | 10.05 | 70.9 | 0.051 | 15.2 | 0.07 |
| 3246 | 7053 | 14/08/2019 | 14.4 | 7.13 | 191 | <2 | 93.00% | 9.52 | 56.3 | 0.021 | 5.11 | 0.05 |
| 2001 | 5563 | 29/07/2020 | 12.7 | 7.39 | 254 | 2 | 100.00% | 10.61 | 54.7 | 0.051 | 9.11 | <0.05 |
| 2001 | 9398 | 26/11/2020 | 9.7 | 6.74 | 270 | <2 | 95.00% | 10.85 | 63.8 | 0.186 | 10.2 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2002 | 5265 | 17/07/2020 | 13.3 | 7.55 | 268 | <2 | 95.40% | 9.98 | 55.2 | 0.022 | 10.7 | 0.12 |
| 2002 | 8846 | 06/11/2020 | 10.8 | 7 | 226 | <2 | 99.00% | 10.92 | 43.5 | 0.04 | 11.2 | <0.05 |
| 2003 | 5562 | 29/07/2020 | 13.1 | 7.16 | 116 | <2 | 102.00% | 10.72 | 17.6 | 0.02 | 3.12 | <0.05 |
| 2003 | 9399 | 26/11/2020 | 9 | 6.97 | 127 | <2 | 98.00% | 11.3 | 21.4 | 0.016 | 6.31 | <0.05 |
| 2004 | 4785 | 02/07/2020 | 14.1 | 7.27 | 232 | 2 | 96.10% | 9.88 | 49.9 | 0.059 | 7.62 | 0.13 |
| 2005 | 5266 | 17/07/2020 | 13.5 | 7.55 | 242 | <2 | 95.30% | 9.93 | 52.8 | 0.027 | 9.87 | 0.15 |
| 2006 | 5561 | 29/07/2020 | 12.7 | 7.06 | 168 | <2 | 99.00% | 10.49 | 32.6 | 0.069 | 5.76 | 0.09 |
| 2006 | 8323 | 22/10/2020 | 10.4 | 6.89 | 167 | <2 | 90.00% | 10.08 | 40.1 | 0.032 | 6.17 | <0.05 |
| 2011 | 5560 | 29/07/2020 | 12 | 6.71 | 129 | <2 | 94.00% | 10.15 | 18.8 | 0.12 | 2.23 | <0.05 |
| 2011 | 9395 | 26/11/2020 | 9 | 6.82 | 139 | <2 | 91.00% | 10.51 | 26.9 | 0.071 | 3.83 | <0.05 |
| 2013 | 4784 | 02/07/2020 | 13.3 | 7.5 | 140 | <2 | 97.70% | 10.2 | 25.8 | 0.029 | 4.42 | <0.05 |
| 2015 | 4790 | 02/07/2020 | 13.1 | 7.47 | 159 | <2 | 96.90% | 10.2 | 34.5 | <0.010 | 2.98 | <0.05 |
| 2017 | 4788 | 02/07/2020 | 12.9 | 7.03 | 97.6 | <2 | 99.00% | 10.5 | 11.4 | <0.010 | 1.12 | <0.05 |
| 2019 | 4789 | 02/07/2020 | 13 | 7.47 | 159 | <2 | 99.90% | 10.5 | 15.3 | <0.010 | 5.77 | <0.05 |
| 2022 | 4787 | 02/07/2020 | 13.2 | 6.51 | 73.6 | <2 | 94.60% | 9.93 | 6.39 | 0.099 | 0.7 | <0.05 |
| 2023 | 4786 | 02/07/2020 | 13.3 | 6.65 | 75.6 | <2 | 99.00% | 10.4 | 3.36 | <0.010 | 0.49 | <0.05 |
| 2023 | 8324 | 22/10/2020 | 9.5 | 7.22 | 57.9 | <2 | 92.00% | 10.54 | 4.19 | 0.01 | 0.41 | <0.05 |
| 2026 | 5231 | 16/07/2020 | 14.2 | 7.08 | 162 | 4 | 90.60% | 9.29 | 31.4 | 0.372 | 6.13 | 0.32 |
| 2027 | 5232 | 16/07/2020 | 13.7 | 6.88 | 128 | 2 | 86.50% | 8.97 | 25.8 | 0.071 | 1.27 | <0.05 |
| 2027 | 8322 | 22/10/2020 | 10.2 | 6.55 | 124 | <2 | 82.00% | 9.19 | 21.3 | 0.029 | 1.89 | <0.05 |
| 2028 | 5263 | 17/07/2020 | 12.4 | 5.86 | 149 | <2 | 92.40% | 9.87 | 2.58 | 0.047 | 0.15 | <0.05 |
| 2028 | 8101 | 16/10/2020 | 9.4 | 5.37 | 147 | <2 | 97.00% | 11.12 | 2.04 | 0.011 | 0.84 | <0.05 |
| 2030 | 8325 | 22/10/2020 | 10.1 | 7.01 | 106 | <2 | 93.00% | 10.52 | 16.2 | <0.010 | 4.54 | <0.05 |
| 2031 | 5264 | 17/07/2020 | 13.5 | 7.56 | 291 | 2 | 96.00% | 10 | 63.4 | 0.196 | 11.8 | 0.09 |
| 2101 | 4782 | 02/07/2020 | 12.3 | 7.59 | 223 | <2 | 94.00% | 10.1 | 45.9 | 0.079 | 6.6 | 0.1 |
| 2101 | 9397 | 26/11/2020 | 8.4 | 6.83 | 176 | <2 | 95.00% | 11.2 | 33.7 | 0.015 | 6.02 | <0.05 |
| 2102 | 4781 | 02/07/2020 | 12.1 | 7.78 | 225 | <2 | 94.60% | 10.2 | 44.9 | 0.01 | 7.19 | 0.07 |
| 2103 | | 10/01/2020 | 6.7 | 7.24 | 155 | <2 | 92.00% | 11.32 | 31.3 | 0.021 | 4.83 | <0.05 |
| 2201 | 5026 | 10/07/2020 | 12.1 | 7.03 | 180 | <2 | 97.50% | 10.48 | 33.4 | <0.010 | 6.59 | <0.05 |
| 2211 | 5022 | 10/07/2020 | 12.8 | 6.99 | 90.5 | <2 | 95.70% | 10.12 | 12.6 | <0.010 | 1.92 | <0.05 |

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|------|------|------------|------|------|-------|----|---------|-------|------|--------|------|-------|
| 2211 | 8930 | 10/11/2020 | 10.5 | 6.67 | 96.2 | <2 | 94.90% | 10.59 | 16.4 | 0.03 | 3.41 | <0.05 |
| 2213 | 5023 | 10/07/2020 | 12.1 | 7.07 | 88 | <2 | 96.90% | 10.42 | 11.2 | <0.010 | 1.48 | <0.05 |
| 2213 | 8931 | 10/11/2020 | 10.5 | 6.69 | 97.1 | <2 | 94.90% | 10.59 | 16.3 | 0.03 | 3.34 | <0.05 |
| 2216 | 5024 | 10/07/2020 | 12.7 | 7.03 | 84.1 | <2 | 97.90% | 10.38 | 11.7 | <0.010 | 2.1 | <0.05 |
| 2218 | 5025 | 10/07/2020 | 12.4 | 6.86 | 74.2 | <2 | 97.90% | 10.45 | 7.29 | 0.011 | 2.08 | <0.05 |
| 2311 | 5020 | 10/07/2020 | 12 | 6.78 | 80.5 | <2 | 93.50% | 10.07 | 8.3 | 0.049 | 1.66 | 0.05 |
| 2311 | 8933 | 10/11/2020 | 10.8 | 6.72 | 100 | <2 | 96.50% | 10.69 | 14.8 | 0.054 | 3.33 | <0.05 |
| 2315 | 5019 | 10/07/2020 | 11.2 | 6.73 | 67.9 | <2 | 91.90% | 10.09 | 5.27 | <0.010 | 0.74 | <0.05 |
| 2421 | 5775 | 05/08/2020 | 14.3 | 6.74 | 67.8 | <2 | 98.00% | 10.02 | 6.17 | <0.010 | 0.56 | <0.05 |
| 2421 | 8934 | 10/11/2020 | 10.7 | 6.81 | 81.3 | <2 | 96.00% | 10.66 | 5.67 | 0.032 | 1.72 | <0.05 |
| 2422 | 5774 | 05/08/2020 | 13.7 | 6.73 | 77 | <2 | 96.00% | 9.99 | 5.94 | <0.010 | 0.62 | <0.05 |
| 2423 | 5773 | 05/08/2020 | 14.1 | 6.78 | 62.3 | <2 | 97.00% | 9.93 | 6.17 | <0.010 | 0.4 | <0.05 |
| 2423 | 8280 | 21/10/2020 | 11 | 7.14 | 58.7 | <2 | 91.00% | 10.08 | 3.29 | 0.01 | 0.53 | <0.05 |
| 2424 | 5777 | 05/08/2020 | 14.9 | 7.83 | 417 | 2 | 83.00% | 8.34 | 159 | 0.091 | 6.7 | <0.05 |
| 2427 | 5776 | 05/08/2020 | 15.5 | 6.73 | 75.1 | <2 | 100.00% | 9.94 | 7.96 | <0.010 | 1.01 | <0.05 |
| 2428 | 6118 | 14/08/2020 | 14.8 | 6.43 | 68.1 | <2 | 101.00% | 10.2 | 11.4 | 0.021 | 0.79 | <0.05 |
| 2428 | 8935 | 10/11/2020 | 10.3 | 6.83 | 68 | <2 | 97.40% | 10.92 | 6.91 | 0.038 | 1.39 | <0.05 |
| 2429 | 5779 | 05/08/2020 | 14.5 | 7.41 | 103.1 | <2 | 98.00% | 9.94 | 15.4 | <0.010 | 3.48 | <0.05 |
| 2430 | 5780 | 05/08/2020 | 15.2 | 7.44 | 68.6 | <2 | 99.00% | 9.97 | 7.29 | <0.010 | 0.65 | <0.05 |
| 2431 | 6117 | 14/08/2020 | 14.3 | 6.38 | 69.9 | <2 | 98.80% | 10.1 | 11.8 | <0.010 | 0.37 | <0.05 |
| 2432 | 6116 | 14/08/2020 | 14.8 | 6.39 | 62.2 | <2 | 101.00% | 10.2 | 10.8 | 0.028 | 0.47 | <0.05 |
| 2432 | 8937 | 10/11/2020 | 10 | 7.08 | 57.5 | <2 | 106.00% | 10.86 | 4.87 | 0.057 | 0.65 | <0.05 |
| 2433 | 5782 | 05/08/2020 | 14.5 | 6.01 | 48.5 | <2 | 98.00% | 9.98 | 5.72 | <0.010 | 0.19 | <0.05 |
| 2434 | 5781 | 05/08/2020 | 15 | 7.26 | 67.8 | <2 | 99.00% | 9.93 | 6.17 | 0.022 | 0.59 | <0.05 |
| 2435 | 6115 | 14/08/2020 | 14.1 | 6.18 | 123 | <2 | 98.80% | 10.2 | 11 | 0.048 | 0.49 | <0.05 |
| 2435 | 8938 | 10/11/2020 | 9.8 | 6.82 | 73.9 | <2 | 95.60% | 10.84 | 5.55 | 0.058 | 0.59 | <0.05 |
| 2436 | 5668 | 31/07/2020 | 12.6 | 6.35 | 53.3 | <2 | 89.00% | 9.46 | 4.48 | <0.010 | 0.09 | <0.05 |
| 2436 | 8281 | 21/10/2020 | 10.5 | 7.14 | 53.3 | <2 | 92.00% | 10.25 | 4.53 | 0.011 | 0.16 | <0.05 |
| 2438 | 5783 | 05/08/2020 | 13.3 | 5.64 | 48.5 | <2 | 88.00% | 9.19 | 4.26 | <0.010 | 0.05 | <0.05 |
| 2511 | 5669 | 31/07/2020 | 13.4 | 7.7 | 500 | <2 | 74.00% | 7.76 | 180 | 0.029 | 20.8 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2512 | 5670 | 31/07/2020 | 14.1 | 7.46 | 432 | <2 | 76.00% | 7.79 | 151 | 0.028 | 15 | <0.05 |
| 2512 | 8936 | 10/11/2020 | 11.6 | 6.74 | 404 | <2 | 77.80% | 8.46 | 13.2 | 0.254 | 10 | <0.05 |
| 2513 | 5778 | 05/08/2020 | 15.5 | 7.52 | 359 | 2 | 76.00% | 7.61 | 125 | 0.108 | 4.91 | <0.05 |
| 2603 | 4987 | 09/07/2020 | 12.5 | 7.27 | 102 | <2 | 99.60% | 10.6 | 9.42 | 0.026 | 1.22 | <0.05 |
| 2603 | 8279 | 21/10/2020 | 10.7 | 7.1 | 108 | <2 | 91.00% | 10.06 | 10.2 | 0.01 | 3.83 | <0.05 |
| 2634 | 4986 | 09/07/2020 | 12.8 | 7.63 | 165 | <2 | 96.60% | 10.22 | 44.4 | 0.014 | 2.09 | <0.05 |
| 2651 | 4985 | 09/07/2020 | 12.6 | 7.67 | 182 | <2 | 99.00% | 10.52 | 39.8 | 0.025 | 3.13 | <0.05 |
| 2651 | 8278 | 21/10/2020 | 11 | 6.99 | 154 | <2 | 90.00% | 9.94 | 33.1 | 0.016 | 3.12 | <0.05 |
| 2711 | 4984 | 09/07/2020 | 12.7 | 7.45 | 144 | 2 | 98.70% | 10.46 | 30.6 | 0.041 | 2.62 | <0.05 |
| 2711 | 8093 | 16/10/2020 | 8.9 | 6.93 | 169 | <2 | 96.00% | 11.18 | 37.5 | 0.012 | 5.06 | <0.05 |
| 2714 | 4980 | 09/07/2020 | 12.5 | 7.28 | 153 | 2 | 96.50% | 10.28 | 26 | 0.148 | 3.59 | 0.1 |
| 2714 | 9392 | 26/11/2020 | 8.7 | 6.77 | 159 | <2 | 93.00% | 10.89 | 30.6 | 0.116 | 4.68 | <0.05 |
| 2715 | 4978 | 09/07/2020 | 11.9 | 7.4 | 206 | <2 | 93.60% | 10.11 | 50 | 0.029 | 3.96 | <0.05 |
| 2718 | 4979 | 09/07/2020 | 12.2 | 7.34 | 132 | 2 | 98.50% | 10.57 | 18.1 | 0.031 | 1.15 | <0.05 |
| 2718 | 8092 | 16/10/2020 | 8.6 | 6.82 | 151 | <2 | 95.00% | 11.08 | 29.4 | <0.010 | 2.63 | <0.05 |
| 2720 | 4977 | 07/09/2020 | 11.5 | 7.16 | 147 | <2 | 97.80% | 10.66 | 19.5 | 0.017 | 0.81 | <0.05 |
| 2721 | 4976 | 09/07/2020 | 11 | 6.46 | 110 | 4 | 95.60% | 10.54 | 6.28 | 0.014 | 0.47 | <0.05 |
| 2721 | 8095 | 16/10/2020 | 8.4 | 6.92 | 115 | <2 | 94.00% | 11.08 | 7.03 | <0.010 | 1.11 | <0.05 |
| 2722 | 4981 | 09/07/2020 | 12.1 | 7.07 | 87.2 | <2 | 95.50% | 10.27 | 9.87 | 0.019 | 0.58 | <0.05 |
| 2725 | 4988 | 09/07/2020 | 11.6 | 7.04 | 79.9 | <2 | 97.70% | 10.61 | 5.38 | 0.02 | 0.25 | <0.05 |
| 2725 | 8094 | 16/10/2020 | 8.2 | 7.14 | 93.2 | <2 | 94.00% | 11.08 | 11.2 | <0.010 | 2.65 | <0.05 |
| 2726 | 4982 | 09/07/2020 | 12.7 | 7.28 | 115 | 2 | 99.30% | 10.52 | 16.8 | 0.068 | 1.64 | <0.05 |
| 2728 | 4983 | 09/07/2020 | 12.9 | 7.54 | 144 | 2 | 99.80% | 10.54 | 30.3 | 0.035 | 2.55 | <0.05 |
| 2801 | 5558 | 29/07/2020 | 11.7 | 6.78 | 128 | <2 | 100.00% | 10.89 | 12.2 | <0.010 | 1.91 | <0.05 |
| 2801 | 9393 | 26/11/2020 | 8.6 | 6.9 | 135 | <2 | 95.00% | 11.11 | 16 | <0.010 | 2.81 | <0.05 |
| 2802 | 5559 | 29/07/2020 | 11.9 | 6.83 | 120 | <2 | 101.00% | 10.88 | 7.85 | <0.010 | 1.58 | <0.05 |
| 2802 | 8096 | 16/10/2020 | 8.9 | 6.96 | 125 | <2 | 95.00% | 10.98 | 9.52 | <0.010 | 1.53 | <0.05 |
| 3002 | 5230 | 16/07/2020 | 14.4 | 7.6 | 2.91 | <2 | 101.00% | 10.3 | 66.6 | 0.026 | 7.48 | <0.05 |
| 3004 | 6013 | 12/08/2020 | 15.3 | 7.49 | 175 | <2 | 92.60% | 9.27 | 26.2 | <0.010 | 2.75 | <0.05 |
| 3004 | 8097 | 16/10/2020 | 10 | 6.94 | 189 | <2 | 98.00% | 11.09 | 23 | <0.010 | 5.35 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 3021 | 6014 | 12/08/2020 | 17.6 | 7.67 | 467 | <2 | 93.30% | 8.9 | 180 | 0.041 | 7.02 | 0.3 |
| 3021 | 8053 | 15/10/2020 | 10.6 | 7.58 | 413 | <2 | 92.00% | 10.23 | 136 | 0.101 | 10.5 | 0.13 |
| 3031 | 6015 | 12/08/2020 | 19.3 | 7.7 | 691 | <2 | 89.80% | 8.28 | 308 | 0.047 | 3.6 | 0.22 |
| 3031 | 8054 | 15/10/2020 | 10.6 | 7.58 | 670 | <2 | 89.00% | 9.92 | 295 | 0.065 | 10.9 | 0.09 |
| 3103 | 5223 | 16/07/2020 | 13.8 | 7.58 | 220 | <2 | 98.60% | 10.2 | 54.8 | 0.023 | 3.75 | <0.05 |
| 3105 | 5224 | 16/07/2020 | 13.8 | 7.61 | 219 | 2 | 98.70% | 10.2 | 48.4 | 0.032 | 4.97 | <0.05 |
| 3107 | 5221 | 16/07/2020 | 14 | 7.17 | 167 | 2 | 97.90% | 10.1 | 26.1 | 0.029 | 1.22 | <0.05 |
| 3107 | 8277 | 21/10/2020 | 10.7 | 6.97 | 151 | <2 | 88.00% | 9.79 | 25.3 | 0.028 | 2.87 | <0.05 |
| 3111 | 6016 | 12/08/2020 | 14.7 | 7.76 | 681 | <2 | 91.90% | 9.32 | 249 | 0.081 | 9.76 | <0.05 |
| 3111 | 8052 | 15/10/2020 | 11.4 | 7.4 | 610 | <2 | 9.00% | 10.01 | 241 | 0.059 | 10.3 | 0.06 |
| 3201 | 6121 | 14/08/2020 | 16.3 | 7.37 | 211 | <2 | 103.00% | 10.1 | 54.6 | <0.010 | 5.81 | <0.05 |
| 3201 | 8326 | 22/10/2020 | 10.2 | 7.35 | 213 | <2 | 93.00% | 10.5 | 48.3 | 0.018 | 7.09 | <0.05 |
| 3203 | 6018 | 12/08/2020 | 16.5 | 7.94 | 203 | <2 | 97.20% | 9.48 | 51.5 | 0.021 | 5.46 | <0.05 |
| 3203 | 8055 | 15/10/2020 | 10.3 | 8.05 | 206 | <2 | 96.00% | 10.76 | 48.3 | 0.017 | 7.35 | <0.05 |
| 3205 | 5220 | 16/07/2020 | 13.1 | 7.39 | 203 | 2 | 95.10% | 9.99 | 48.9 | 0.019 | 0.94 | <0.05 |
| 3205 | 8100 | 16/10/2020 | 10.6 | 7.06 | 201 | <2 | 97.00% | 10.85 | 43.6 | 0.046 | 2.01 | <0.05 |
| 3231 | 6012 | 12/08/2020 | 15.9 | 7.4 | 248 | <2 | 92.80% | 9.18 | 53.8 | 0.013 | 10.4 | <0.05 |
| 3233 | 5229 | 16/07/2020 | 15.9 | 7.61 | 222 | 6 | 92.50% | 9.15 | 62.8 | 0.02 | 1.5 | 0.46 |
| 3233 | 8056 | 15/10/2020 | 10.6 | 7.79 | 238 | <2 | 97.00% | 10.82 | 47.3 | 0.02 | 10.7 | <0.05 |
| 3235 | 5230 | 16/07/2020 | 13 | 7.65 | 180 | <2 | 96.10% | 10.1 | 30.3 | 0.013 | 6.24 | <0.05 |
| 3240 | 5226 | 16/07/2020 | 14.5 | 7.5 | 455 | <2 | 97.00% | 9.89 | 137 | 0.019 | 14.1 | 0.1 |
| 3241 | 5225 | 16/07/2020 | 14.4 | 7.83 | 355 | 2 | 99.10% | 10.1 | 83.4 | 0.025 | 0.69 | 0.15 |
| 3242 | 5227 | 16/07/2020 | 13.7 | 8.03 | 545 | 2 | 98.70% | 10.2 | 181 | 0.053 | 14.1 | <0.05 |
| 3243 | 5027 | 10/07/2020 | 13 | 7.82 | 330 | <2 | 96.90% | 10.2 | 89.5 | <0.010 | 9.41 | 0.09 |
| 3244 | 5021 | 10/07/2020 | 11.1 | 6.93 | 101 | <2 | 93.60% | 10.29 | 13.7 | <0.010 | 0.81 | <0.05 |
| 3244 | 8932 | 10/11/2020 | 10.3 | 6.74 | 93.2 | <2 | 93.80% | 10.51 | 14.6 | 0.02 | 1.3 | <0.05 |
| 3245 | 4780 | 02/07/2020 | 14.6 | 7.8 | 335 | <2 | 100.00% | 10.2 | 73.3 | 0.05 | 17.8 | <0.05 |
| 3246 | 4779 | 02/07/2020 | 12.2 | 7.66 | 299 | 2 | 93.80% | 10.1 | 70 | <0.010 | 8.74 | 0.06 |
| 3301 | 6119 | 14/08/2020 | 15.7 | 6.51 | 96.9 | <2 | 101.00% | 10 | 17.3 | 0.013 | 3.12 | <0.05 |
| 3301 | 8939 | 10/11/2020 | 11.1 | 6.72 | 124 | <2 | 97.90% | 10.77 | 19.5 | 0.026 | 6.78 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|-------|--------|------|-------|
| 3302 | 6120 | 14/08/2020 | 16.4 | 6.64 | 90.7 | <2 | 102.00% | 10 | 14.4 | 0.014 | 4.05 | <0.05 |
| 3302 | 9396 | 26/11/2020 | 8.9 | 6.88 | 108 | <2 | 95.00% | 10.97 | 12.4 | 0.012 | 8.35 | <0.05 |
| 3303 | 4783 | 02/07/2020 | 12.2 | 7.46 | 195 | <2 | 94.60% | 10.2 | 41.3 | 0.018 | 5.76 | <0.05 |
| 3303 | 8845 | 06/11/2020 | 9.9 | 7.08 | 147 | <2 | 98.00% | 11.07 | 26.6 | 0.024 | 3.29 | <0.05 |
| 3304 | 6019 | 12/08/2020 | 17.2 | 7.98 | 162 | <2 | 95.40% | 9.18 | 27.13 | 0.011 | 4.69 | <0.05 |
| 3304 | 8050 | 15/10/2020 | 9.5 | 7.32 | 179 | <2 | 95.00% | 10.81 | 29.7 | 0.021 | 6.48 | <0.05 |
| 3305 | 6017 | 12/08/2020 | 17.6 | 8.12 | 198 | <2 | 98.40% | 9.38 | 43.61 | 0.013 | 5.2 | <0.05 |
| 3305 | 8051 | 15/10/2020 | 9.8 | 7.38 | 224 | <2 | 94.00% | 10.7 | 52.4 | 0.021 | 7.09 | <0.05 |
| 3306 | 5222 | 16/07/2020 | 13.8 | 7.47 | 213 | <2 | 98.40% | 10.2 | 51.9 | 0.015 | 2.79 | <0.05 |
| 3306 | 8099 | 16/10/2020 | 10 | 7.04 | 192 | <2 | 98.00% | 11.1 | 44.3 | <0.010 | 5.77 | <0.05 |
| 3307 | 4989 | 09/07/2020 | 12.4 | 6.99 | 80.4 | <2 | 99.70% | 10.64 | 8.52 | 0.018 | 0.34 | <0.05 |
| 3307 | 9394 | 26/11/2020 | 8.6 | 6.95 | 104 | <2 | 95.00% | 11.07 | 11.2 | <0.010 | 3.13 | <0.05 |
| 2001 | 2313 | 09/04/2021 | 6.7 | 7.6 | 280 | <2 | 93.00% | 11.37 | 63 | 0.106 | 10.6 | <0.05 |
| 2001 | 6389 | 13/08/2021 | 13.4 | 7.93 | 314 | <2 | 91.00% | 9.48 | 68.6 | 0.052 | 11 | <0.05 |
| 2001 | 9187 | 11/11/2021 | 11.1 | 7.22 | 274 | <2 | 95.00% | 10.4 | 58.9 | 0.162 | 10.9 | <0.05 |
| 2002 | 2197 | 07/04/2021 | 6.1 | 7.55 | 226 | 4 | 97.00% | 12.08 | 44.3 | 0.145 | 9.28 | 0.05 |
| 2002 | 6386 | 13/08/2021 | 12.9 | 7.33 | 295 | 2 | 90.00% | 9.48 | 62.2 | 0.022 | 12.3 | 0.2 |
| 2002 | 9189 | 11/11/2021 | 11.3 | 7.17 | 307 | 4 | 93.00% | 10.2 | 41.8 | 0.139 | 10.9 | 0.1 |
| 2003 | 2314 | 09/04/2021 | 6.7 | 7.5 | 166 | <2 | 95.00% | 11.62 | 32.8 | 0.043 | 7.3 | 0.05 |
| 2003 | 6388 | 13/08/2021 | 14.7 | 7.41 | 183 | <2 | 95.00% | 9.62 | 43.1 | 0.015 | 5.87 | 0.05 |
| 2003 | 9186 | 11/11/2021 | 10.4 | 7.11 | 147 | <2 | 92.00% | 10.3 | 25.9 | 0.03 | 6.53 | <0.05 |
| 2004 | 4381 | 09/06/2021 | 12.8 | 7.38 | 192 | <2 | 95.80% | 10.14 | 44.6 | 0.057 | 7.15 | 0.13 |
| 2005 | 6387 | 13/08/2021 | 12.9 | 7.35 | 286 | <2 | 90.00% | 9.5 | 59.1 | 0.024 | 12 | 0.24 |
| 2006 | 2528 | 15/04/2021 | 5.2 | 6.99 | 177 | <2 | 95.00% | 12.02 | 40.4 | 0.103 | 6.32 | 0.1 |
| 2006 | 6524 | 18/08/2021 | 14.7 | 7.39 | 209 | 2 | 96.00% | 9.78 | 47.8 | 0.022 | 9.96 | 0.37 |
| 2006 | 9185 | 11/11/2021 | 10.4 | 7.22 | 166 | <2 | 92.00% | 10.3 | 33.9 | 0.092 | 6.66 | 0.07 |
| 2011 | 2316 | 09/04/2021 | 6.7 | 6.99 | 150 | <2 | 90.00% | 11.04 | 31.4 | 0.188 | 2.36 | <0.05 |
| 2011 | 5772 | 23/07/2021 | 15.5 | 7.05 | 177 | <2 | 81.00% | 8.11 | 49.1 | 0.235 | 2.79 | <0.05 |
| 2011 | 8586 | 22/10/2021 | 10.4 | 6.76 | 131 | <2 | 92.00% | 10.3 | 21.9 | 0.046 | 3.42 | <0.05 |
| 2013 | 4382 | 09/06/2021 | 12.5 | 7.29 | 141 | <2 | 98.10% | 10.44 | 27.4 | <0.010 | 6.59 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2015 | 4449 | 10/06/2021 | 11.9 | 6.55 | 146 | <2 | 95.00% | 10.26 | 36 | <0.010 | 2.51 | <0.05 |
| 2017 | 4448 | 10/06/2021 | 11.9 | 6.56 | 106 | <2 | 96.20% | 10.39 | 19.3 | <0.010 | 2.51 | <0.05 |
| 2019 | 4447 | 10/06/2021 | 11.9 | 6.52 | 122 | <2 | 96.00% | 10.37 | 19 | 0.01 | 8.81 | <0.05 |
| 2022 | 4446 | 10/06/2021 | 10.6 | 6.47 | 74.5 | <2 | 92.00% | 10.24 | 7.8 | 0.064 | 1.44 | <0.05 |
| 2023 | 2531 | 15/04/2021 | 7.1 | 6.18 | 62.6 | <2 | 98.00% | 11.85 | 4.01 | <0.010 | 0.39 | <0.05 |
| 2023 | 6393 | 13/08/2021 | 16.1 | 7.34 | 61.5 | <2 | 98.00% | 9.62 | 5.8 | 0.04 | 0.43 | <0.05 |
| 2023 | 8587 | 22/10/2021 | 9.9 | 6.92 | 62.9 | <2 | 94.00% | 10.7 | 4.89 | <0.010 | 0.79 | <0.05 |
| 2026 | 4383 | 09/06/2021 | 13 | 7.29 | 177 | 3 | 95.30% | 10.04 | 40.1 | 0.019 | 6.57 | 0.17 |
| 2027 | 2529 | 15/04/2021 | 5.9 | 6.98 | 138 | <2 | 87.00% | 10.81 | 28.4 | 0.055 | 1.5 | <0.05 |
| 2027 | 6347 | 12/08/2021 | 12.7 | 7.06 | 151 | 2 | 87.00% | 9.23 | 33 | 0.084 | 1.41 | <0.05 |
| 2028 | 6572 | 19/08/2021 | 12.9 | 6.03 | 137 | <2 | 91.00% | 9.63 | 4.09 | 0.031 | 0.11 | <0.05 |
| 2030 | 2527 | 15/04/2021 | 5.2 | 7.04 | 129 | <2 | 96.00% | 12.19 | 22.7 | <0.010 | 6.66 | <0.05 |
| 2030 | 6348 | 12/08/2021 | 13.6 | 7.23 | 127 | <2 | 96.00% | 9.99 | 21.8 | 0.014 | 4.85 | <0.05 |
| 2031 | 4380 | 09/06/2021 | 11.9 | 7.2 | 278 | <2 | 94.20% | 10.17 | 58.4 | 0.192 | 11.3 | 0.06 |
| 2101 | 2244 | 08/04/2021 | 6.7 | 7.74 | 204 | <2 | 95.00% | 11.59 | 40 | 0.257 | 7.59 | 0.08 |
| 2101 | 4650 | 17/06/2021 | 14.1 | 6.95 | 207 | <2 | 95.00% | 9.79 | 43.9 | 0.059 | 7.44 | <0.05 |
| 2101 | 9184 | 11/11/2021 | 10.3 | 7.17 | 181 | <2 | 85.00% | 9.51 | 29.6 | 0.028 | 6.33 | <0.05 |
| 2102 | 4651 | 17/06/2021 | 11.7 | 7.19 | 222 | <2 | 90.00% | 9.78 | 47.3 | <0.010 | 11.1 | <0.05 |
| 2201 | 4454 | 10/06/2021 | 11.8 | 7.06 | 190 | <2 | 98.50% | 10.66 | 42.9 | <0.010 | 6.63 | <0.05 |
| 2211 | 3281 | 05/05/2021 | 9.7 | 6.96 | 98.2 | <2 | 96.50% | 10.97 | 14.2 | <0.010 | 1.69 | <0.05 |
| 2211 | 6349 | 12/08/2021 | 16.3 | 7.35 | 95.5 | <2 | 100.00% | 9.8 | 16.4 | 0.016 | 0.97 | <0.05 |
| 2211 | 8588 | 22/10/2021 | 10.3 | 6.75 | 89.5 | <2 | 97.00% | 10.9 | 10.6 | <0.010 | 2.93 | <0.05 |
| 2213 | 3282 | 05/05/2021 | 8.3 | 7.03 | 95.8 | <2 | 96.20% | 11.31 | 14 | 0.01 | 1.62 | <0.05 |
| 2213 | 6350 | 12/08/2021 | 14.1 | 7.4 | 94.5 | <2 | 98.00% | 10.05 | 18.2 | <0.010 | 1.13 | <0.05 |
| 2213 | 8589 | 22/10/2021 | 10.4 | 6.83 | 89.8 | <2 | 97.00% | 10.8 | 10.8 | <0.010 | 2.68 | <0.05 |
| 2216 | 4452 | 10/06/2021 | 13.2 | 7.1 | 92.4 | <2 | 100.00% | 10.51 | 14.5 | <0.010 | 2.17 | <0.05 |
| 2218 | 4453 | 10/06/2021 | 12.6 | 7.11 | 75.1 | <2 | 99.60% | 10.58 | 8.6 | <0.010 | 2.17 | <0.05 |
| 2311 | 3133 | 29/04/2021 | 9.8 | 7.65 | 121 | <2 | 98.00% | 11.13 | 16.5 | 0.067 | 2.81 | 0.06 |
| 2311 | 6351 | 12/08/2021 | 15.1 | 7.36 | 91 | <2 | 99.00% | 9.94 | 12.5 | 0.027 | 2.48 | 0.06 |
| 2311 | 8590 | 22/10/2021 | 10.9 | 6.89 | 86.8 | <2 | 98.00% | 10.9 | 10.6 | 0.029 | 2.66 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|-------|-------|
| 2315 | 4471 | 11/06/2021 | 12.9 | 7.7 | 70.8 | <2 | 97.00% | 10.22 | 8.83 | 0.012 | 1.45 | <0.05 |
| 2421 | 3280 | 05/05/2021 | 7.8 | 7.18 | 75.9 | <2 | 94.50% | 11.26 | 7.8 | <0.010 | 1.16 | <0.05 |
| 2421 | 4647 | 17/06/2021 | 12.2 | 7.29 | 89.2 | <2 | 91.00% | 9.77 | 12.4 | <0.010 | 0.8 | <0.05 |
| 2421 | 8963 | 04/11/2021 | 8.7 | 6.8 | 75.3 | <2 | 94.90% | 11.06 | 6.04 | <0.010 | 2.32 | <0.05 |
| 2422 | 4648 | 17/06/2021 | 11.6 | 6.78 | 85.6 | <2 | 90.00% | 9.78 | 6.71 | <0.010 | 0.49 | <0.05 |
| 2423 | 3279 | 05/05/2021 | 7.5 | 7.24 | 66.4 | <2 | 93.50% | 11.22 | 5.85 | <0.010 | 0.86 | <0.05 |
| 2423 | 6570 | 19/08/2021 | 13.8 | 7.19 | 68 | <2 | 94.00% | 9.73 | 4.32 | <0.010 | 0.68 | <0.05 |
| 2424 | 4469 | 11/06/2021 | 13.6 | 7.2 | 409 | <2 | 78.00% | 8.08 | 150 | 0.15 | 7.11 | <0.05 |
| 2427 | 4470 | 11/06/2021 | 14.7 | 7.62 | 97.4 | 3 | 101.00% | 10.19 | 20.2 | 0.018 | 1.76 | <0.05 |
| 2428 | 3284 | 05/05/2021 | 8.5 | 6.68 | 121 | <2 | 94.40% | 11.04 | 10.8 | 0.01 | 1.94 | <0.05 |
| 2428 | 6569 | 19/08/2021 | 15 | 7.4 | 86.5 | <2 | 97.00% | 9.78 | 10.5 | 0.013 | 1.51 | <0.05 |
| 2428 | 9183 | 11/11/2021 | 9.4 | 7.4 | 83.2 | <2 | 83.00% | 9.48 | 8.64 | 0.025 | 2.08 | <0.05 |
| 2429 | 4464 | 11/06/2021 | 13.1 | 8.05 | 110 | <2 | 95.00% | 9.95 | 20.4 | <0.010 | 3.26 | <0.05 |
| 2430 | 4465 | 11/06/2021 | 13.8 | 7.29 | 78.1 | <2 | 97.00% | 9.99 | 7 | 0.01 | 1.06 | <0.05 |
| 2431 | 4468 | 11/06/2021 | 13.1 | 7.49 | 80.8 | <2 | 97.00% | 10.18 | 6.54 | <0.010 | 0.86 | <0.05 |
| 2432 | 3283 | 05/05/2021 | 8 | 7.14 | 72.4 | <2 | 94.00% | 11.14 | 5.28 | 0.01 | 0.86 | <0.05 |
| 2432 | 6391 | 13/08/2021 | 16.8 | 7.59 | 69.9 | <2 | 97.00% | 9.38 | 6.03 | <0.010 | 0.62 | <0.05 |
| 2432 | 8962 | 04/11/2021 | 10 | 6.85 | 59.2 | <2 | 95.60% | 10.8 | 4.32 | 0.024 | 0.93 | <0.05 |
| 2433 | 4466 | 11/06/2021 | 14.2 | 7.71 | 50.7 | <2 | 97.00% | 9.94 | 3.33 | <0.010 | 0.26 | <0.05 |
| 2434 | 4467 | 11/06/2021 | 12.7 | 7.52 | 74.1 | <2 | 96.00% | 10.2 | 6.08 | <0.010 | 0.7 | <0.05 |
| 2435 | 3520 | 12/05/2021 | 9.8 | 6.5 | 70.2 | <2 | 92.90% | 10.53 | 66.5 | 0.019 | 0.63 | <0.05 |
| 2435 | 6571 | 19/08/2021 | 16.4 | 7.02 | 68.6 | <2 | 97.00% | 9.45 | 6.6 | 0.047 | 0.49 | <0.05 |
| 2435 | 8961 | 04/11/2021 | 10.8 | 6.61 | 91.9 | <2 | 94.90% | 10.51 | 7.28 | 0.026 | 0.84 | <0.05 |
| 2436 | 3521 | 12/05/2021 | 9 | 6.61 | 68.1 | <2 | 92.60% | 10.71 | 66.5 | <0.010 | 0.13 | <0.05 |
| 2436 | 6392 | 13/08/2021 | 15 | 7.34 | 73.4 | <2 | 97.00% | 9.74 | 9.21 | 0.019 | 0.06 | <0.05 |
| 2438 | 4652 | 17/06/2021 | 17.2 | 7.62 | 56 | <2 | 96.00% | 9.26 | 7.05 | <0.010 | <0.05 | <0.05 |
| 2511 | 4463 | 11/06/2021 | 13.6 | 7.6 | 515 | <2 | 89.00% | 9.26 | 185 | <0.010 | 22.8 | <0.05 |
| 2512 | 3522 | 12/05/2021 | 10.9 | 7.18 | 395 | <2 | 95.40% | 10.54 | 131 | 0.019 | 10.7 | <0.05 |
| 2512 | 6568 | 19/08/2021 | 12.9 | 7.56 | 451 | 2 | 87.00% | 9.2 | 160 | 0.03 | 17.5 | <0.05 |
| 2513 | 4462 | 11/06/2021 | 15.4 | 7.24 | 351 | 2 | 75.00% | 7.47 | 128 | 0.066 | 4.51 | <0.05 |

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|------|------|------------|------|------|------|----|--------|-------|------|--------|------|-------|
| 2603 | 3276 | 05/05/2021 | 7.1 | 6.85 | 107 | <2 | 91.80% | 11.13 | 9.63 | 0.012 | 2.45 | <0.05 |
| 2603 | 6303 | 11/08/2021 | 14.4 | 6.96 | 121 | <2 | 94.40% | 9.64 | 15.1 | 0.017 | 2.52 | <0.05 |
| 2603 | 8556 | 21/10/2021 | 9.4 | 6.98 | 88.4 | <2 | 95.00% | 10.9 | 7.5 | <0.010 | 2 | <0.05 |
| 2634 | 4649 | 17/06/2021 | 12 | 6.78 | 145 | <2 | 92.00% | 9.86 | 33.9 | <0.010 | 1.89 | <0.05 |
| 2651 | 6567 | 19/08/2021 | 13.3 | 7.56 | 217 | <2 | 93.00% | 9.68 | 51.4 | 0.012 | 2.74 | <0.05 |
| 2711 | 3523 | 12/05/2021 | 9.5 | 7.4 | 201 | <2 | 92.90% | 10.61 | 52.4 | <0.010 | 5.02 | <0.05 |
| 2711 | 6345 | 12/08/2021 | 12.9 | 7.32 | 226 | <2 | 93.00% | 9.81 | 61.3 | 0.144 | 5.55 | <0.05 |
| 2711 | 9182 | 11/11/2021 | 9.8 | 7.25 | 168 | <2 | 83.00% | 9.36 | 36.2 | 0.036 | 5.21 | <0.05 |
| 2714 | 2480 | 14/04/2021 | 5.9 | 7.29 | 199 | 3 | 93.00% | 11.57 | 46.7 | 0.7 | 5.73 | 0.24 |
| 2714 | 5119 | 01/07/2021 | 13.4 | 7.46 | 202 | <2 | 92.50% | 9.66 | 52.1 | 0.227 | 5.64 | 0.15 |
| 2714 | 8554 | 21/10/2021 | 9.6 | 6.79 | 152 | <2 | 94.00% | 10.8 | 25.9 | 0.037 | 3.82 | <0.05 |
| 2715 | 4682 | 18/06/2021 | 11.7 | 7.36 | 200 | <2 | 93.00% | 10.04 | 49.6 | 0.022 | 6.94 | <0.05 |
| 2718 | 2479 | 14/04/2021 | 4.8 | 7.35 | 167 | <2 | 93.00% | 11.89 | 35.1 | 0.012 | 1.96 | <0.05 |
| 2718 | 6344 | 12/08/2021 | 12.4 | 7.29 | 178 | <2 | 94.00% | 10.03 | 38.3 | <0.010 | 1.3 | <0.05 |
| 2720 | 4681 | 18/06/2021 | 11.1 | 7.5 | 201 | <2 | 94.00% | 10.35 | 47.9 | <0.010 | 1.32 | <0.05 |
| 2721 | 2483 | 14/04/2021 | 5.3 | 7.48 | 114 | <2 | 96.00% | 12.13 | 7.11 | 0.013 | 0.91 | <0.05 |
| 2721 | 6523 | 18/08/2021 | 12.6 | 7.34 | 113 | <2 | 95.00% | 10.15 | 5.57 | 0.014 | 0.51 | <0.05 |
| 2722 | 5118 | 01/07/2021 | 13.1 | 7.29 | 119 | <2 | 92.10% | 9.68 | 24.8 | 0.01 | 1.77 | <0.05 |
| 2725 | 3278 | 05/05/2021 | 7 | 7.32 | 87.9 | <2 | 92.80% | 11.27 | 9.29 | 0.012 | 1.09 | <0.05 |
| 2725 | 6346 | 12/08/2021 | 12.5 | 7.52 | 91.8 | <2 | 94.00% | 9.98 | 13 | 0.764 | 0.57 | 0.11 |
| 2726 | 4683 | 18/06/2021 | 12.3 | 7.42 | 161 | <2 | 97.00% | 10.32 | 33.2 | 0.05 | 3.51 | 0.05 |
| 2728 | 5120 | 01/07/2021 | 13.2 | 7.52 | 230 | <2 | 92.60% | 9.71 | 68 | 0.038 | 6.57 | <0.05 |
| 2801 | 2481 | 14/04/2021 | 5.4 | 7.45 | 152 | <2 | 93.00% | 11.81 | 24.9 | 0.048 | 2.84 | 0.16 |
| 2801 | 5767 | 23/07/2021 | 16.9 | 7.12 | 176 | <2 | 92.00% | 8.94 | 32.1 | 0.045 | 3.83 | 0.25 |
| 2801 | 8553 | 21/10/2021 | 9.3 | 6.75 | 117 | <2 | 94.00% | 10.8 | 12.3 | <0.010 | 1.7 | <0.05 |
| 2802 | 2482 | 14/04/2021 | 5.5 | 7.5 | 125 | <2 | 94.00% | 11.9 | 13.5 | 0.01 | 0.92 | <0.05 |
| 2802 | 6516 | 18/08/2021 | 13.2 | 6.74 | 130 | <2 | 93.00% | 9.72 | 17.7 | <0.010 | 0.47 | <0.05 |
| 3002 | 4678 | 18/06/2021 | 12.5 | 7.41 | 270 | <2 | 95.00% | 10.06 | 59.9 | 0.024 | 7.08 | <0.05 |
| 3004 | 3588 | 13/05/2021 | 9.8 | 7.42 | 163 | <2 | 95.20% | 10.8 | 27.3 | <0.010 | 3.24 | <0.05 |
| 3004 | 6517 | 18/08/2021 | 13.4 | 7.14 | 185 | <2 | 93.00% | 9.73 | 25.1 | <0.010 | 2.55 | <0.05 |

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|------|------|------------|------|------|-----|----|---------|-------|------|--------|------|-------|
| 3004 | 8909 | 03/11/2021 | 10.3 | 7.84 | 184 | <2 | 96.70% | 10.84 | 20.1 | 0.022 | 7.52 | <0.05 |
| 3021 | 2193 | 07/04/2021 | 5.1 | 7.77 | 525 | <2 | 95.00% | 12.07 | 151 | 0.064 | 11.6 | 0.05 |
| 3021 | 5145 | 02/07/2021 | 13.4 | 7.95 | 490 | <2 | 92.00% | 9.58 | 175 | 0.055 | 9.29 | 0.24 |
| 3021 | 8908 | 03/11/2021 | 10.8 | 7.58 | 377 | <2 | 93.10% | 10.31 | 103 | 0.072 | 13 | 0.09 |
| 3031 | 2194 | 07/04/2021 | 5.1 | 7.84 | 178 | 5 | 96.00% | 12.27 | 268 | 0.015 | 10.6 | <0.05 |
| 3031 | 5146 | 02/07/2021 | 15 | 7.91 | 695 | 2 | 91.00% | 9.21 | 298 | 0.085 | 4.22 | 0.18 |
| 3031 | 8907 | 03/11/2021 | 10.4 | 7.38 | 586 | <2 | 88.50% | 9.9 | 108 | 0.103 | 16.6 | 0.13 |
| 3101 | 3589 | 13/05/2021 | 11.8 | 7.64 | 243 | <2 | 98.80% | 10.7 | 77.2 | 0.016 | 5.52 | <0.05 |
| 3101 | 6518 | 18/08/2021 | 14.7 | 8.22 | 277 | <2 | 103.00% | 10.47 | 78.5 | 0.013 | 4.15 | <0.05 |
| 3103 | 4679 | 18/06/2021 | 12.5 | 7.55 | 230 | <2 | 95.00% | 10.1 | 53.2 | 0.024 | 6.17 | <0.05 |
| 3105 | 4680 | 18/06/2021 | 12.4 | 7.61 | 191 | <2 | 96.00% | 10.27 | 34.6 | 0.015 | 5.85 | <0.05 |
| 3107 | 6519 | 18/08/2021 | 14.5 | 7.34 | 165 | <2 | 96.00% | 9.83 | 34 | <0.010 | 1.04 | <0.05 |
| 3111 | 2195 | 07/04/2021 | 7.8 | 7.79 | 637 | <2 | 96.00% | 11.45 | 236 | 0.096 | 11.1 | <0.05 |
| 3111 | 5147 | 02/07/2021 | 12.7 | 8.05 | 625 | <2 | 91.00% | 9.66 | 254 | 0.045 | 9.58 | <0.05 |
| 3111 | 8906 | 03/11/2021 | 11.7 | 7.33 | 588 | <2 | 93.40% | 10.13 | 195 | 0.058 | 12.6 | 0.05 |
| 3201 | 3591 | 13/05/2021 | 12.3 | 7.96 | 228 | <2 | 103.00% | 11.05 | 56.2 | 0.011 | 4.72 | <0.05 |
| 3201 | 6522 | 18/08/2021 | 15.1 | 7.93 | 247 | 2 | 100.00% | 10.07 | 64.1 | 0.021 | 5.02 | <0.05 |
| 3201 | 9429 | 18/11/2021 | 11.5 | 7.68 | 215 | <2 | 96.20% | 10.48 | 44.6 | 0.03 | 8.89 | <0.05 |
| 3203 | 2248 | 08/04/2021 | 7.2 | 7.73 | 215 | <2 | 99.00% | 11.95 | 49.8 | 0.017 | 6.85 | <0.05 |
| 3203 | 5768 | 23/07/2021 | 18 | 7.54 | 242 | <2 | 97.00% | 9.18 | 66.1 | 0.024 | 7.11 | <0.05 |
| 3203 | 8910 | 03/11/2021 | 10.6 | 7.58 | 194 | <2 | 98.30% | 10.94 | 32.2 | 0.035 | 9.09 | <0.05 |
| 3205 | 6521 | 18/08/2021 | 13.7 | 7.63 | 240 | 3 | 92.00% | 9.59 | 69.2 | 0.016 | 1.05 | <0.05 |
| 3231 | 2196 | 07/04/2021 | 6.1 | 7.73 | 258 | <2 | 98.00% | 12.18 | 51.2 | 0.024 | 11.3 | <0.05 |
| 3231 | 5769 | 23/07/2021 | 17.9 | 7.53 | 279 | <2 | 95.00% | 9.04 | 70.6 | 0.01 | 8.26 | <0.05 |
| 3231 | 9188 | 11/11/2021 | 10.6 | 7.23 | 247 | <2 | 91.00% | 10.1 | 40.5 | 0.013 | 12.4 | <0.05 |
| 3233 | 4450 | 10/06/2021 | 13.6 | 6.88 | 197 | 2 | 95.90% | 9.96 | 52.5 | <0.010 | 0.53 | 0.12 |
| 3235 | 4451 | 10/06/2021 | 11.8 | 7.04 | 160 | <2 | 95.70% | 10.35 | 27.2 | <0.010 | 5.84 | <0.05 |
| 3240 | 4674 | 18/06/2021 | 13.5 | 7.28 | 462 | <2 | 91.00% | 9.51 | 132 | 0.028 | 14.7 | 0.06 |
| 3241 | 4675 | 18/06/2021 | 13.6 | 7.52 | 373 | <2 | 97.00% | 10.06 | 80.4 | 0.013 | 0.86 | 0.11 |
| 3242 | 4676 | 18/06/2021 | 12.2 | 7.64 | 553 | 4 | 93.00% | 9.96 | 179 | 0.381 | 11.5 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 3243 | 4677 | 18/06/2021 | 12.9 | 7.84 | 348 | <2 | 98.00% | 10.36 | 93.2 | 0.017 | 12.3 | 0.08 |
| 3244 | 6352 | 12/08/2021 | 13.1 | 7.3 | 114 | <2 | 96.00% | 10.05 | 19.6 | <0.010 | 0.72 | <0.05 |
| 3245 | 4384 | 09/06/2021 | 14.2 | 7.76 | 326 | <2 | 108.00% | 11.07 | 65.8 | 0.018 | 15.2 | <0.05 |
| 3246 | 4385 | 09/06/2021 | 11.9 | 7.62 | 320 | <2 | 97.10% | 10.48 | 69.7 | 0.236 | 10.8 | 0.14 |
| 3301 | 2315 | 09/04/2021 | 6.5 | 7.57 | 129 | <2 | 97.00% | 11.87 | 21.7 | <0.010 | 6.42 | <0.05 |
| 3301 | 5770 | 23/07/2021 | 18.4 | 7.62 | 137 | <2 | 97.00% | 9.1 | 25.9 | 0.014 | 6.47 | <0.05 |
| 3301 | 8964 | 04/11/2021 | 9.7 | 6.8 | 112 | <2 | 96.60% | 10.99 | 14.6 | 0.018 | 5.47 | <0.05 |
| 3302 | 3525 | 12/05/2021 | 12.6 | 7.53 | 123 | <2 | 99.70% | 10.6 | 19.6 | <0.010 | 8.52 | <0.05 |
| 3302 | 6390 | 13/08/2021 | 13.6 | 7.56 | 112 | <2 | 93.00% | 9.69 | 15.7 | 0.011 | 6.73 | <0.05 |
| 3302 | 8965 | 04/11/2021 | 9.8 | 6.87 | 98.4 | <2 | 97.30% | 11.04 | 11.3 | 0.033 | 6.34 | <0.05 |
| 3303 | 2245 | 08/04/2021 | 6.9 | 7.71 | 176 | <2 | 96.00% | 11.73 | 36.6 | <0.010 | 4.84 | <0.05 |
| 3303 | 5771 | 23/07/2021 | 16.4 | 7.51 | 198 | <2 | 95.00% | 9.29 | 49.3 | <0.010 | 6.88 | <0.05 |
| 3303 | 8557 | 21/10/2021 | 9.6 | 6.78 | 179 | <2 | 94.00% | 10.7 | 31.7 | <0.010 | 5.26 | <0.05 |
| 3304 | 2246 | 08/04/2021 | 7.1 | 7.73 | 184 | <2 | 97.00% | 11.73 | 31 | <0.010 | 6.59 | <0.05 |
| 3304 | 5149 | 02/07/2021 | 12.7 | 7.61 | 182 | <2 | 92.00% | 9.73 | 28.9 | 0.015 | 6.02 | <0.05 |
| 3304 | 8904 | 03/11/2021 | 10 | 7.5 | 167 | <2 | 96.10% | 10.85 | 20.4 | 0.022 | 6.47 | <0.05 |
| 3305 | 2247 | 08/04/2021 | 7.2 | 7.68 | 247 | 2 | 99.00% | 11.94 | 61 | 0.01 | 7.45 | <0.05 |
| 3305 | 5148 | 02/07/2021 | 13.8 | 7.84 | 248 | <2 | 95.00% | 9.79 | 71 | 0.024 | 6.04 | <0.05 |
| 3305 | 8905 | 03/11/2021 | 10.2 | 7.41 | 210 | <2 | 97.20% | 10.93 | 42.2 | 0.02 | 8.44 | <0.05 |
| 3306 | 3592 | 13/05/2021 | 9.5 | 7.77 | 205 | <2 | 92.90% | 10.61 | 53.3 | 0.011 | 2.91 | <0.05 |
| 3306 | 6520 | 18/08/2021 | 14.1 | 7.57 | 224 | 3 | 95.00% | 9.78 | 59 | 0.011 | 2.68 | <0.05 |
| 3306 | 8911 | 03/11/2021 | 10.5 | 7.46 | 179 | <2 | 98.10% | 10.95 | 30 | 0.033 | 7.07 | <0.05 |
| 3307 | 2317 | 09/04/2021 | 6.5 | 7.21 | 102 | <2 | 96.00% | 11.8 | 12.7 | <0.010 | 1.59 | <0.05 |
| 3307 | 5121 | 01/07/2021 | 12.9 | 7.4 | 99.6 | <2 | 93.50% | 9.88 | 17.2 | <0.010 | 1.19 | <0.05 |
| 3307 | 8555 | 21/10/2021 | 9 | 6.94 | 87.7 | <2 | 94.00% | 10.9 | 7.85 | <0.010 | 1.6 | <0.05 |
| 2001 | 777 | 26/01/2022 | 7.7 | 7.43 | 283 | <2 | 93.00% | 11.16 | 63.7 | 0.17 | 10.8 | <0.05 |
| 2001 | 2415 | 23/03/2022 | 10 | 7.35 | 155 | <2 | 98.00% | 11.1 | 61.5 | 0.302 | 12.5 | <0.05 |
| 2001 | 7008 | 03/08/2022 | 15.3 | 7.47 | 325 | <2 | 95.00% | 9.51 | 72.1 | 0.076 | 10.6 | <0.05 |
| 2001 | 10434 | 17/11/2022 | 10.5 | 7.33 | 272 | <2 | 98.00% | 10.95 | 60.8 | 0.135 | 10.5 | <0.05 |
| 2002 | 774 | 26/01/2022 | 7.8 | 7.18 | 248 | <2 | 95.00% | 11.31 | 46.2 | 0.03 | 12.5 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2002 | 2502 | 25/03/2022 | 9.6 | 7.36 | 231 | <2 | 97.00% | 11.07 | 42.8 | 0.03 | 12.7 | <0.05 |
| 2002 | 7703 | 25/08/2022 | 13.3 | 7.63 | 310 | <2 | 96.00% | 9.99 | 65.9 | <0.010 | 9.53 | 0.07 |
| 2002 | 10825 | 01/12/2022 | 10.6 | 7.35 | 221 | <2 | 105.00% | 11.73 | 41.8 | 0.031 | 10.9 | <0.05 |
| 2003 | 778 | 26/01/2022 | 6.5 | 7.41 | 167 | <2 | 93.00% | 11.59 | 33.5 | 0.039 | 7.98 | <0.05 |
| 2003 | 2416 | 23/03/2022 | 9.4 | 7.43 | 158 | <2 | 101.00% | 11.59 | 29.1 | 0.025 | 7.88 | <0.05 |
| 2003 | 7007 | 03/08/2022 | 16.8 | 7.66 | 196 | <2 | 105.00% | 10.14 | 35.7 | 0.035 | 4.45 | 0.06 |
| 2003 | 10433 | 17/11/2022 | 9.7 | 7.29 | 130 | <2 | 100.00% | 11.42 | 21.1 | 0.013 | 6.27 | <0.05 |
| 2004 | 425 | 14/01/2022 | 7.8 | 7.25 | 176 | <2 | 97.00% | 11.6 | 35.9 | 0.046 | 8.15 | <0.05 |
| 2004 | 6076 | 15/07/2022 | 17.8 | 7.37 | 243 | <2 | 111.00% | 10.5 | 56.1 | 0.033 | 11.6 | 0.3 |
| 2005 | 775 | 26/01/2022 | 7.6 | 7.22 | 222 | <2 | 93.00% | 11.1 | 41.7 | 0.026 | 10.8 | <0.05 |
| 2005 | 7704 | 25/08/2022 | 13.4 | 7.58 | 301 | <2 | 96.00% | 10.04 | 66 | <0.010 | 8.39 | 0.07 |
| 2006 | 423 | 14/01/222 | 7.7 | 7.07 | 165 | <2 | 96.00% | 11.5 | 32.2 | 0.062 | 7.95 | 0.05 |
| 2006 | 2411 | 23/03/2022 | 8 | 7.2 | 165 | <2 | 96.00% | 11.38 | 35.1 | 0.047 | 7.97 | 0.07 |
| 2006 | 7003 | 03/08/2022 | 15.3 | 7.16 | 197 | 2 | 94.00% | 9.42 | 37.4 | 0.071 | 6.48 | 0.23 |
| 2006 | 10779 | 30/11/2022 | 9.4 | 7.12 | 163 | <2 | 104.00% | 11.95 | 31.6 | 0.039 | 7.46 | <0.05 |
| 2011 | 421 | 14/01/2022 | 7.5 | 7.07 | 139 | <2 | 92.00% | 11 | 30 | 0.063 | 4.42 | <0.05 |
| 2011 | 2500 | 25/03/2022 | 8.1 | 6.82 | 143 | <2 | 91.00% | 10.74 | 28.9 | 0.106 | 3.55 | <0.05 |
| 2011 | 7002 | 03/08/2022 | 14.9 | 6.84 | 167 | 2 | 87.00% | 8.79 | 28.3 | 0.222 | 1.86 | 0.05 |
| 2011 | 10822 | 01/12/2022 | 9.8 | 6.87 | 139 | <2 | 101.00% | 11.4 | 30.2 | 0.061 | 4.11 | <0.05 |
| 2013 | 424 | 14/01/2022 | 7.4 | 7.09 | 128 | <2 | 98.00% | 11.7 | 18.1 | 0.031 | 7.26 | <0.05 |
| 2013 | 6077 | 15/07/2022 | 16.4 | 7.49 | 147 | <2 | 102.00% | 9.96 | 26.4 | 0.023 | 6.17 | <0.05 |
| 2015 | 773 | 26/01/2022 | 6.6 | 7.22 | 142 | <2 | 95.00% | 11.6 | 27.2 | 0.01 | 4.5 | <0.05 |
| 2015 | 6045 | 14/07/2022 | 14.6 | 7.22 | 174 | <2 | 91.00% | 9.29 | 44.8 | 0.013 | 4.91 | 0.06 |
| 2017 | 772 | 26/01/2022 | 6.6 | 7.03 | 94 | <2 | 94.00% | 11.56 | 11.6 | <0.010 | 3.57 | <0.05 |
| 2017 | 6079 | 15/07/2022 | 14.7 | 7.31 | 115 | <2 | 99.00% | 10.05 | 21.4 | 0.014 | 2.24 | <0.05 |
| 2019 | 771 | 26/01/2022 | 6.8 | 7 | 135 | <2 | 95.00% | 11.6 | 16.2 | 0.01 | 12.1 | <0.05 |
| 2019 | 6078 | 15/07/2022 | 14.5 | 7.4 | 114 | <2 | 100.00% | 10.24 | 15.5 | 0.015 | 7.37 | <0.05 |
| 2022 | 770 | 26/01/2022 | 6.6 | 6.43 | 77.7 | <2 | 92.00% | 11.29 | 6.42 | 0.01 | 2.39 | <0.05 |
| 2022 | 6044 | 14/07/2022 | 12.2 | 6.46 | 71.4 | <2 | 89.00% | 9.5 | 4.7 | 0.157 | 0.77 | <0.05 |
| 2023 | 769 | 26/01/2022 | 6.3 | 6.62 | 65.1 | <2 | 93.00% | 11.53 | 5.61 | 0.011 | 0.79 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2023 | 2501 | 25/03/2022 | 8.5 | 6.42 | 64.5 | <2 | 96.00% | 11.18 | 5.16 | <0.010 | 0.55 | <0.05 |
| 2023 | 7277 | 10/08/2022 | 18 | 7.09 | 68.5 | <2 | 98.40% | 9.31 | 7.62 | 0.011 | 0.35 | <0.05 |
| 2023 | 10254 | 10/11/2022 | 11.2 | 6.7 | 69.6 | <2 | 102.00% | 11.24 | 3.25 | <0.010 | 0.97 | <0.05 |
| 2026 | 422 | 14/01/2022 | 7.6 | 7.17 | 147 | <2 | 93.00% | 11.1 | 28 | 0.185 | 5.35 | 0.05 |
| 2026 | 6043 | 14/07/2022 | 15.8 | 6.93 | 196 | 4 | 77.00% | 7.68 | 40.7 | 0.731 | 9.99 | 0.65 |
| 2027 | 779 | 26/01/2022 | 6.5 | 7.03 | 134 | <2 | 87.00% | 10.68 | 24.5 | 0.036 | 2.28 | <0.05 |
| 2027 | 6042 | 14/07/2022 | 14.3 | 6.86 | 161 | <2 | 81.00% | 8.32 | 42.1 | 0.093 | 2.15 | <0.05 |
| 2028 | 428 | 14/01/2022 | 7 | 4.8 | 150 | <2 | 97.00% | 11.8 | 4.47 | 0.03 | 2.3 | <0.05 |
| 2028 | 7699 | 25/08/2022 | 12.8 | 5.8 | 149 | <2 | 93.00% | 9.82 | 4.82 | 0.032 | 0.14 | <0.05 |
| 2031 | 776 | 26/01/2022 | 6.7 | 7.45 | 275 | 3 | 98.00% | 11.99 | 56 | 0.33 | 12 | <0.05 |
| 2031 | 7350 | 11/08/2022 | 14.1 | 7.64 | 384 | 4 | 100.00% | 10.2 | 75.7 | 0.252 | 14.4 | 0.23 |
| 2101 | 652 | 20/01/2022 | 5.9 | 7.58 | 185 | <2 | 96.00% | 12.02 | 30.7 | 0.032 | 7.83 | <0.05 |
| 2101 | 2417 | 23/03/2022 | 9 | 7.49 | 185 | <2 | 100.00% | 11.58 | 32 | 0.03 | 7.49 | <0.05 |
| 2101 | 7074 | 04/08/2022 | 13.8 | 7.41 | 234 | <2 | 91.00% | 9.47 | 48.8 | 0.469 | 7.95 | 0.22 |
| 2101 | 10778 | 30/11/2022 | 9.3 | 7.17 | 182 | <3 | 107.00% | 12.34 | 30.5 | <0.010 | 6.78 | <0.05 |
| 2102 | 653 | 20/01/2022 | 6.2 | 7.61 | 208 | <2 | 97.00% | 12.05 | 36.2 | 0.015 | 12.8 | <0.05 |
| 2102 | 7075 | 04/08/2022 | 13.6 | 7.56 | 250 | <2 | 98.00% | 10.21 | 46.3 | <0.010 | 11.4 | 0.16 |
| 2201 | 654 | 20/01/2022 | 6.7 | 7.6 | 184 | <2 | 98.00% | 11.94 | 35.5 | <0.010 | 8.71 | <0.05 |
| 2201 | 7073 | 04/08/2022 | 13.6 | 7.58 | 220 | <2 | 97.00% | 10.09 | 47 | <0.010 | 6.62 | <0.05 |
| 2211 | 655 | 20/01/2022 | 5.5 | 7.2 | 98.1 | <2 | 96.00% | 12.07 | 13 | <0.010 | 3.67 | <0.05 |
| 2211 | 2507 | 25/03/2022 | 9.7 | 7.19 | 99 | <2 | 101.00% | 11.52 | 14.9 | <0.010 | 3.35 | <0.05 |
| 2211 | 7072 | 04/08/2022 | 15.6 | 7.27 | 93.6 | <2 | 100.00% | 9.95 | 15.1 | <0.010 | 1.15 | <0.05 |
| 2211 | 10777 | 30/11/2022 | 9 | 6.85 | 98.9 | <2 | 107.00% | 12.33 | 13.6 | <0.010 | 3.66 | <0.05 |
| 2213 | 656 | 20/01/2022 | 5.3 | 7.23 | 97.2 | <2 | 96.00% | 12.15 | 12.3 | <0.010 | 3.85 | <0.05 |
| 2213 | 2506 | 25/03/2022 | 8.7 | 7.41 | 98.7 | <2 | 99.00% | 11.57 | 16 | <0.010 | 3.67 | <0.05 |
| 2213 | 7071 | 04/08/2022 | 14.7 | 7.27 | 94.4 | <2 | 101.00% | 10.23 | 14.6 | <0.010 | 1.18 | <0.05 |
| 2213 | 10271 | 11/11/2022 | 12.2 | 6.99 | 101 | <2 | 105.00% | 11.23 | 13.2 | <0.010 | 4.22 | <0.05 |
| 2216 | 657 | 20/01/2022 | 5.6 | 7.25 | 89.6 | <2 | 97.00% | 12.23 | 9.62 | <0.010 | 3.35 | <0.05 |
| 2216 | 7068 | 04/08/2022 | 14.5 | 7.42 | 84.1 | <2 | 99.00% | 10.12 | 12 | 0.011 | 0.99 | <0.05 |
| 2218 | 659 | 20/01/2022 | 5.1 | 6.96 | 79.4 | <2 | 96.00% | 12.24 | 5.96 | <0.010 | 3.63 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2218 | 7069 | 04/08/2022 | 15.5 | 7.27 | 69.1 | <2 | 102.00% | 10.2 | 7.06 | <0.010 | 0.76 | <0.05 |
| 2311 | 659 | 20/01/2022 | 6 | 7.03 | 100 | <2 | 96.00% | 12.02 | 11.6 | 0.051 | 3.74 | <0.05 |
| 2311 | 3162 | 14/04/2022 | 10.9 | 7.06 | 97.9 | <2 | 101.00% | 11.14 | 12.5 | 0.028 | 2.87 | <0.05 |
| 2311 | 7125 | 05/08/2022 | 15.3 | 7.24 | 84.5 | <2 | 99.00% | 9.93 | 8.51 | 0.04 | 2.05 | 0.07 |
| 2311 | 10776 | 30/11/2022 | 9.3 | 6.58 | 96.7 | <3 | 107.00% | 12.33 | 13.1 | 0.019 | 3.24 | <0.05 |
| 2315 | 660 | 20/01/2022 | 5.7 | 7.07 | 73.7 | <2 | 96.00% | 12.04 | 5.96 | <0.010 | 3.08 | <0.05 |
| 2315 | 7124 | 05/08/2022 | 13 | 7.48 | 65.7 | <2 | 99.00% | 10.38 | 5.82 | 0.016 | 0.85 | <0.05 |
| 2421 | 841 | 27/01/2022 | 7.3 | 7.01 | 84.6 | <2 | 95.00% | 11.46 | 7.1 | <0.010 | 1.7 | <0.05 |
| 2421 | 3161 | 14/04/2022 | 10 | 6.84 | 79.7 | <2 | 99.00% | 11.15 | 6.19 | 0.012 | 0.96 | <0.05 |
| 2421 | 7269 | 10/08/2022 | 15 | 6.88 | 81.1 | <2 | 93.00% | 9.37 | 9.74 | <0.010 | 0.87 | <0.05 |
| 2421 | 10270 | 11/11/2022 | 12.2 | 6.98 | 82.2 | <2 | 104.00% | 11.13 | 5.15 | <0.010 | 1.96 | <0.05 |
| 2422 | 843 | 27/01/2022 | 7.4 | 6.68 | 84.6 | <2 | 97.00% | 11.64 | 3.89 | 0.014 | 1.48 | <0.05 |
| 2422 | 5969 | 13/07/2022 | 13.8 | 7.3 | 87.3 | <2 | 90.00% | 9.39 | 10.9 | <0.010 | 0.97 | <0.05 |
| 2423 | 842 | 27/01/2022 | 7.2 | 6.71 | 71.6 | <2 | 95.00% | 11.51 | 4.35 | 0.01 | 1.3 | <0.05 |
| 2423 | 5970 | 13/07/2022 | 14.5 | 7.14 | 71.2 | <2 | 93.00% | 9.5 | 11.2 | <0.010 | 0.81 | <0.05 |
| 2424 | 840 | 27/01/2022 | 8.1 | 7.27 | 397 | <2 | 86.00% | 10.12 | 134 | 0.178 | 8.95 | <0.05 |
| 2424 | 5971 | 13/07/2022 | 13.3 | 7.4 | 425 | <2 | 85.00% | 8.87 | 176 | 0.151 | 3.93 | <0.05 |
| 2427 | 839 | 27/01/2022 | 7.4 | 6.87 | 86.7 | <2 | 94.00% | 11.35 | 11.8 | 0.019 | 2.12 | <0.05 |
| 2427 | 5972 | 13/07/2022 | 16.7 | 7.02 | 99.2 | <2 | 96.00% | 9.36 | 16.2 | 0.036 | 1.95 | <0.05 |
| 2428 | 882 | 28/01/2022 | 6.4 | 6.77 | 81.4 | <2 | 97.00% | 12 | 6.76 | <0.010 | 2.07 | <0.05 |
| 2428 | 3160 | 14/04/2022 | 9.2 | 6.81 | 82.1 | <2 | 99.00% | 11.44 | 7.56 | 0.018 | 1.89 | <0.05 |
| 2428 | 7270 | 10/08/2022 | 18.1 | 7.3 | 88.3 | <2 | 102.00% | 9.61 | 13.9 | <0.010 | 1.41 | <0.05 |
| 2428 | 10775 | 30/11/2022 | 8.8 | 6.51 | 81.2 | <3 | 106.00% | 12.29 | 6.53 | <0.010 | 2.17 | <0.05 |
| 2429 | 881 | 28/01/2022 | 6.9 | 6.69 | 111 | <2 | 98.00% | 12 | 1.33 | <0.010 | 4.44 | <0.05 |
| 2429 | 5973 | 13/07/2022 | 14.1 | 7.17 | 128 | <2 | 92.00% | 9.42 | 26.7 | 0.016 | 2.91 | <0.05 |
| 2430 | 880 | 28/01/2022 | 6.3 | 6.54 | 73 | <2 | 98.00% | 12.1 | 6.3 | <0.010 | 1.28 | <0.05 |
| 2430 | 5974 | 13/07/2022 | 15.4 | 7.35 | 78.8 | <2 | 94.00% | 9.42 | 9.41 | 0.012 | 1 | <0.05 |
| 2431 | 878 | 28/01/2022 | 6.7 | 6.62 | 84.6 | <2 | 96.00% | 11.8 | 5.38 | <0.010 | 1.52 | <0.05 |
| 2431 | 7272 | 10/08/2022 | 14.8 | 7.01 | 84.7 | <2 | 91.70% | 9.28 | 14 | 0.016 | 0.49 | <0.05 |
| 2432 | 879 | 28/01/2022 | 6.5 | 6.61 | 68 | <2 | 97.00% | 12 | 3.21 | <0.010 | 0.96 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|-------|-------|
| 2432 | 3159 | 14/04/2022 | 8.5 | 6.75 | 67 | <2 | 94.00% | 11.05 | 1.92 | 0.011 | 0.89 | <0.05 |
| 2432 | 7271 | 10/08/2022 | 19.2 | 7.07 | 73.2 | <2 | 97.30% | 8.99 | 9.07 | <0.010 | 0.85 | <0.05 |
| 2432 | 10773 | 30/11/2022 | 8.7 | 6.67 | 67.6 | <2 | 105.00% | 12.25 | 7.09 | <0.010 | 0.95 | <0.05 |
| 2433 | 877 | 28/01/2022 | 6 | 6.61 | 57.6 | <2 | 96.00% | 12 | 3.32 | <0.010 | 0.69 | <0.05 |
| 2433 | 7273 | 10/08/2022 | 19.3 | 6.68 | 57.4 | <2 | 97.30% | 8.97 | 5.15 | <0.010 | 0.38 | <0.05 |
| 2434 | 876 | 28/01/2022 | 6.2 | 6.67 | 81.2 | <2 | 97.00% | 12 | 6.19 | 0.01 | 1.05 | <0.05 |
| 2434 | 7274 | 10/08/2022 | 16.9 | 6.81 | 77 | <2 | 97.00% | 9.39 | 10.2 | 0.058 | 0.76 | <0.05 |
| 2435 | 875 | 28/01/2022 | 6.3 | 6.49 | 76.7 | <2 | 95.00% | 11.8 | 4.59 | 0.019 | 0.82 | <0.05 |
| 2435 | 3322 | 21/04/2022 | 8.1 | 6.59 | 74.7 | <2 | 99.00% | 11.66 | 5.27 | 0.029 | 0.93 | <0.05 |
| 2435 | 7275 | 10/08/2022 | 17 | 6.7 | 75.4 | <2 | 94.20% | 9.1 | 10.2 | 0.132 | 0.59 | <0.05 |
| 2435 | 10774 | 30/11/2022 | 9.1 | 6.26 | 92.2 | <2 | 105.00% | 12.1 | 6.19 | 0.012 | 0.86 | <0.05 |
| 2436 | 873 | 28/01/2022 | 5.4 | 6.82 | 69 | <2 | 93.00% | 11.8 | 8.02 | <0.010 | 0.47 | <0.05 |
| 2436 | 5975 | 13/07/2022 | 17.5 | 7.2 | 72 | <2 | 98.00% | 9.33 | 14.2 | <0.010 | <0.05 | <0.05 |
| 2438 | 874 | 28/01/2022 | 5.5 | 6.81 | 58.3 | <2 | 93.00% | 11.8 | 3.32 | <0.010 | 0.44 | <0.05 |
| 2438 | 7276 | 10/08/2022 | 18.6 | 6.74 | 59 | <2 | 94.60% | 8.85 | 7.84 | <0.010 | <0.05 | <0.05 |
| 2511 | 844 | 27/01/2022 | 8.2 | 7.63 | 457 | <2 | 91.00% | 10.72 | 145 | 0.11 | 17.1 | <0.05 |
| 2511 | 5966 | 13/07/2022 | 12.9 | 7.78 | 545 | 3 | 86.00% | 9.06 | 207 | 0.032 | 26.6 | <0.05 |
| 2512 | 845 | 27/01/2022 | 8.2 | 7.49 | 406 | <2 | 89.00% | 10.51 | 126 | 0.186 | 12.8 | <0.05 |
| 2512 | 5967 | 13/07/2022 | 13.6 | 7.62 | 476 | <2 | 86.00% | 8.98 | 180 | 0.047 | 21.4 | <0.05 |
| 2513 | 846 | 27/01/2022 | 7.8 | 7.24 | 359 | 2 | 85.00% | 10.16 | 109 | 0.272 | 6.54 | <0.05 |
| 2513 | 5968 | 13/07/2022 | 14.3 | 7.21 | 327 | <2 | 77.00% | 7.88 | 116 | 0.207 | 2.63 | <0.05 |
| 2603 | 302 | 12/01/2022 | 7.8 | 7.02 | 118 | <2 | 95.60% | 11.38 | 8.71 | <0.010 | 5.04 | <0.05 |
| 2603 | 3158 | 14/04/2022 | 9.5 | 7.3 | 123 | <2 | 95.00% | 10.84 | 12.4 | 0.035 | 3.73 | <0.05 |
| 2603 | 7123 | 05/08/2022 | 13.6 | 7.43 | 112 | <2 | 98.00% | 10.2 | 12 | 0.018 | 2.42 | <0.05 |
| 2603 | 10269 | 11/11/2022 | 12 | 7.07 | 115 | <2 | 102.00% | 11.01 | 10.9 | <0.010 | 4.93 | <0.05 |
| 2634 | 303 | 12/01/2022 | 7.4 | 7.19 | 112 | <2 | 95.80% | 11.52 | 14 | <0.010 | 3.58 | <0.05 |
| 2634 | 7122 | 05/08/2022 | 13.5 | 7.56 | 128 | <2 | 97.00% | 10.07 | 27.3 | 0.019 | 1.22 | <0.05 |
| 2651 | 304 | 12/01/2022 | 7 | 7.18 | 152 | <2 | 95.50% | 11.6 | 23.1 | <0.010 | 5.13 | <0.05 |
| 2651 | 7121 | 05/08/2022 | 13.2 | 7.53 | 211 | <2 | 96.00% | 10.05 | 51.3 | 0.019 | 3.39 | <0.05 |
| 2711 | 355 | 13/01/2022 | 7.1 | 7.37 | 165 | <2 | 96.00% | 11.64 | 31.5 | 0.029 | 6.06 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2711 | 2409 | 23/03/2022 | 8.4 | 7.38 | 175 | <2 | 98.00% | 11.46 | 39.5 | 0.079 | 6.66 | <0.05 |
| 2711 | 7000 | 03/08/2022 | 15.3 | 7.48 | 196 | <2 | 98.00% | 9.82 | 48 | 0.035 | 4.82 | 0.05 |
| 2711 | 10772 | 30/11/2022 | 8.9 | 7.16 | 166 | <2 | 106.00% | 12.23 | 31.6 | <0.010 | 5.58 | <0.05 |
| 2714 | 351 | 13/01/2022 | 7.2 | 7.16 | 160 | <2 | 94.50% | 11.43 | 26.9 | 0.04 | 5.66 | <0.05 |
| 2714 | 2408 | 23/03/2022 | 7.5 | 7.28 | 169 | <2 | 93.00% | 11.13 | 32.8 | 0.053 | 5.88 | <0.05 |
| 2714 | 6999 | 03/08/2022 | 14.5 | 7.43 | 212 | <2 | 95.00% | 9.69 | 41.8 | 0.269 | 7.51 | 0.24 |
| 2714 | 10771 | 30/11/2022 | 8.9 | 7.09 | 160 | <2 | 104.00% | 12.09 | 28.7 | 0.013 | 5.12 | <0.05 |
| 2715 | 350 | 13/01/2022 | 7.1 | 6.88 | 170 | <2 | 91.80% | 11.13 | 32.8 | 0.023 | 7.66 | <0.05 |
| 2715 | 5804 | 07/07/2022 | 12.7 | 7.46 | 243 | <2 | 96.00% | 10.17 | 68.3 | 0.014 | 7.66 | <0.05 |
| 2718 | 349 | 13/01/2022 | 7 | 7.28 | 147 | <2 | 82.10% | 11.71 | 24.4 | 0.016 | 3.66 | <0.05 |
| 2718 | 5805 | 07/07/2022 | 13.7 | 7.59 | 189 | <2 | 99.00% | 10.22 | 39.5 | <0.010 | 1.59 | <0.05 |
| 2720 | 356 | 13/01/2022 | 7.1 | 7.37 | 156 | <2 | 95.50% | 11.58 | 25.7 | 0.011 | 2.82 | <0.05 |
| 2720 | 5806 | 07/07/2022 | 13 | 7.47 | 225 | <2 | 98.00% | 10.37 | 48.9 | 0.027 | 1.06 | <0.05 |
| 2721 | 307 | 12/01/2022 | 6.7 | 6.84 | 133 | <2 | 94.10% | 11.51 | 14.5 | <0.010 | 1.85 | <0.05 |
| 2721 | 5807 | 07/07/2022 | 12.4 | 6.78 | 112 | <2 | 97.00% | 10.41 | 6.27 | 0.01 | 0.55 | <0.05 |
| 2722 | 351 | 13/01/2022 | 6.8 | 7.08 | 114 | <2 | 97.10% | 11.85 | 15.4 | <0.010 | 3.68 | <0.05 |
| 2722 | 7117 | 05/08/2022 | 13 | 7.17 | 142 | <2 | 92.00% | 9.68 | 30.6 | 0.011 | 2.04 | <0.05 |
| 2725 | 357 | 13/01/2022 | 6.6 | 7.06 | 92 | <2 | 97.10% | 11.91 | 7.79 | <0.010 | 2.9 | <0.05 |
| 2725 | 7120 | 05/08/2022 | 12.7 | 7.22 | 87.7 | <2 | 96.00% | 10.16 | 12.3 | 0.159 | 0.55 | <0.05 |
| 2726 | 353 | 13/01/2022 | 7 | 7.23 | 138 | <2 | 96.00% | 11.67 | 20.5 | 0.019 | 4.69 | <0.05 |
| 2726 | 6041 | 14/07/2022 | 16.2 | 7.65 | 191 | <2 | 99.00% | 9.68 | 43.9 | 0.054 | 6.04 | 0.21 |
| 2728 | 354 | 13/01/2022 | 7.2 | 7.3 | 172 | <2 | 96.60% | 11.68 | 33.9 | 0.022 | 6.73 | <0.05 |
| 2728 | 6040 | 14/07/2022 | 14.9 | 7.65 | 262 | <2 | 97.00% | 9.84 | 78.7 | 0.011 | 8.26 | 0.07 |
| 2801 | 305 | 12/01/2022 | 7.3 | 7.19 | 135 | <2 | 96.20% | 11.59 | 12.8 | <0.010 | 3.1 | <0.05 |
| 2801 | 3265 | 20/04/2022 | 7.1 | 7.48 | 152 | <2 | 94.20% | 11.42 | 23.1 | 0.028 | 2.92 | 0.12 |
| 2801 | 7119 | 05/08/2022 | 13.5 | 7.34 | 158 | <2 | 97.00% | 10.11 | 26.1 | <0.010 | 2.15 | 0.11 |
| 2801 | 10249 | 10/11/2022 | 11.3 | 7.34 | 135 | <2 | 101.00% | 11.04 | 12.5 | <0.010 | 3.23 | <0.05 |
| 2802 | 306 | 12//01/22 | 7.2 | 6.84 | 121 | <2 | 95.70% | 11.57 | 7.33 | <0.010 | 2.17 | <0.05 |
| 2802 | 7118 | 05/08/2022 | 13.7 | 7.27 | 48.2 | <2 | 96.00% | 9.92 | 17.9 | <0.010 | 0.47 | <0.05 |
| 3002 | 574 | 19/01/2022 | 7.7 | 7.57 | 239 | <2 | 92.60% | 11.06 | 38.5 | 0.014 | 16.1 | 0.05 |

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|------|-------|------------|------|------|-----|----|---------|-------|------|--------|------|-------|
| 3002 | 6270 | 21/07/2022 | 14.1 | 7.55 | 292 | <2 | 97.00% | 9.95 | 71.3 | 0.019 | 6.82 | <0.05 |
| 3004 | 577 | 19/01/2022 | 7.5 | 7.6 | 194 | <2 | 93.00% | 11.16 | 22.2 | <0.010 | 7.05 | <0.05 |
| 3004 | 3266 | 20/04/2022 | 7.7 | 7.39 | 194 | <2 | 94.70% | 11.31 | 24.2 | 0.015 | 4.55 | <0.05 |
| 3004 | 7347 | 11/08/2022 | 13.3 | 7.52 | 189 | <2 | 96.00% | 10.1 | 25.1 | <0.010 | 3.13 | <0.05 |
| 3004 | 10250 | 10/11/2022 | 11.4 | 7.29 | 194 | <2 | 101.00% | 11.03 | 20.6 | 0.014 | 6.85 | <0.05 |
| 3021 | 572 | 19/01/2022 | 7.8 | 7.76 | 419 | <2 | 90.30% | 10.76 | 129 | 0.046 | 15 | 0.08 |
| 3021 | 3267 | 20/04/2022 | 8.3 | 7.96 | 452 | <2 | 102.00% | 11.98 | 151 | 0.022 | 13.2 | 0.1 |
| 3021 | 7700 | 25/08/2022 | 13.6 | 7.55 | 491 | 2 | 90.00% | 9.35 | 164 | 0.048 | 6.74 | 0.4 |
| 3021 | 10455 | 18/11/2022 | 10.1 | 7.44 | 406 | 5 | 94.00% | 10.61 | 116 | 0.553 | 13.3 | <0.05 |
| 3031 | 573 | 19/01/2022 | 7.5 | 7.84 | 677 | <2 | 87.70% | 10.52 | 280 | 0.077 | 21.1 | 0.08 |
| 3031 | 2477 | 23/03/2022 | 10.4 | 8.16 | 655 | <2 | 107.00% | 11.96 | 276 | 0.024 | 14 | <0.05 |
| 3031 | 7348 | 11/08/2022 | 17.5 | 8.09 | 722 | <2 | 114.00% | 10.9 | 323 | 0.07 | 3.65 | 0.11 |
| 3031 | 10456 | 18/11/2022 | 9.8 | 7.6 | 657 | 3 | 91.00% | 10.37 | 266 | 0.127 | 15.8 | 0.1 |
| 3103 | 988 | 02/02/2022 | 8.4 | 7.65 | 231 | <2 | 92.00% | 10.9 | 47.4 | 0.013 | 7.91 | <0.05 |
| 3103 | 6272 | 21/07/2022 | 14.1 | 7.64 | 261 | <2 | 98.00% | 10.05 | 73.5 | 0.011 | 4.86 | 0.06 |
| 3105 | 987 | 02/02/2022 | 8.5 | 7.61 | 199 | <2 | 93.00% | 10.9 | 33 | <0.010 | 7.19 | <0.05 |
| 3105 | 6271 | 21/07/2022 | 14.4 | 7.66 | 199 | <2 | 99.00% | 10.17 | 38.5 | 0.011 | 5.1 | 0.06 |
| 3107 | 982 | 02/02/2022 | 7.9 | 7.09 | 163 | <2 | 91.00% | 10.8 | 21.2 | 0.02 | 3.83 | <0.05 |
| 3107 | 6266 | 21/07/2022 | 14.6 | 7.16 | 168 | <2 | 96.00% | 9.88 | 29.6 | 0.02 | 1.39 | <0.05 |
| 3111 | 571 | 19/01/2022 | 8.8 | 7.74 | 581 | <5 | 43.30% | 5.03 | 194 | 0.038 | 12.8 | <0.05 |
| 3111 | 990 | 02/02/2022 | 9.7 | 7.88 | 628 | <2 | 92.00% | 10.5 | 242 | 0.04 | 11.7 | <0.05 |
| 3111 | 2476 | 23/03/2022 | 9.9 | 7.87 | 606 | <2 | 92.30% | 10.45 | 245 | 0.046 | 11.8 | 0.07 |
| 3111 | 7701 | 25/08/2022 | 14.4 | 7.68 | 596 | <2 | 98.00% | 9.98 | 234 | 0.036 | 5.59 | <0.05 |
| 3111 | 10457 | 18/11/2022 | 11 | 7.63 | 525 | 3 | 97.00% | 10.73 | 173 | 0.063 | 9.06 | 0.07 |
| 3201 | 985 | 02/02/2022 | 8.6 | 7.75 | 225 | <2 | 94.00% | 11 | 44.9 | 0.013 | 8.05 | <0.05 |
| 3201 | 3321 | 21/04/2022 | 9.4 | 7.83 | 231 | <2 | 98.00% | 11.21 | 52.1 | <0.010 | 7.07 | <0.05 |
| 3201 | 7702 | 25/08/2022 | 13.9 | 7.85 | 241 | <2 | 99.00% | 10.21 | 57.1 | 0.048 | 2.92 | <0.05 |
| 3201 | 10824 | 01/12/2022 | 10.1 | 7.48 | 220 | <2 | 108.00% | 12.13 | 42.8 | 0.04 | 9.41 | <0.05 |
| 3203 | 986 | 02/02/2022 | 8.4 | 7.6 | 216 | <2 | 93.00% | 11 | 43.5 | <0.010 | 7.29 | <0.05 |
| 3203 | 3320 | 21/04/2022 | 9.1 | 7.59 | 224 | <2 | 97.00% | 11.13 | 54 | 0.031 | 6.44 | <0.05 |

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|------|-------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 3203 | 7346 | 11/08/2022 | 16.2 | 7.8 | 239 | 3 | 104.00% | 10.3 | 60.5 | 0.023 | 5.49 | <0.05 |
| 3203 | 10823 | 01/12/2022 | 10.1 | 7.41 | 210 | <2 | 106.00% | 11.91 | 40.7 | 0.062 | 8.51 | <0.05 |
| 3205 | 308 | 12/01/2022 | 6.8 | 7.14 | 191 | <2 | 94.90% | 11.58 | 33.1 | 0.018 | 2.91 | <0.05 |
| 3205 | 5808 | 07/07/2022 | 14.1 | 7.46 | 234 | <2 | 98.00% | 10.11 | 63.8 | 0.038 | 1.25 | <0.05 |
| 3231 | 311 | 12/01/2022 | 7.5 | 7.42 | 240 | <2 | 86.20% | 10.34 | 38.6 | 0.011 | 12.7 | <0.05 |
| 3231 | 2503 | 25/03/2022 | 9.4 | 7.47 | 247 | <2 | 97.00% | 11.09 | 50.5 | 0.012 | 12.9 | <0.05 |
| 3231 | 7344 | 11/08/2022 | 14.8 | 7.66 | 294 | <2 | 99.00% | 10 | 73.1 | 0.034 | 8.74 | 0.05 |
| 3231 | 10432 | 17/11/2022 | 10 | 7.38 | 250 | <2 | 98.00% | 11.11 | 46.2 | 0.013 | 13.8 | <0.05 |
| 3233 | 310 | 12/01/2022 | 6.6 | 7.3 | 179 | <2 | 93.60% | 11.48 | 32.6 | 0.023 | 5.54 | <0.05 |
| 3233 | 6081 | 15/07/2022 | 15.3 | 7.52 | 238 | 3 | 86.00% | 8.6 | 82.3 | 0.03 | 0.2 | 1.22 |
| 3235 | 309 | 12/01/2022 | 8.6 | 6.68 | 155 | <2 | 96.10% | 11.23 | 21.5 | <0.010 | 6.59 | <0.05 |
| 3235 | 6080 | 15/07/2022 | 13.2 | 7.23 | 165 | <2 | 97.00% | 10.18 | 20.3 | 0.018 | 7.29 | <0.05 |
| 3240 | 576 | 19/01/2022 | 9.1 | 7.55 | 458 | <2 | 90.50% | 10.43 | 106 | 0.08 | 14.9 | 0.12 |
| 3240 | 6268 | 21/07/2022 | 14.1 | 7.37 | 451 | <2 | 96.00% | 9.79 | 128 | 0.013 | 15.1 | 0.13 |
| 3241 | 578 | 19/01/2022 | 7.7 | 7.7 | 301 | <2 | 93.00% | 11.11 | 44.6 | 0.022 | 8.11 | 0.08 |
| 3241 | 6267 | 21/07/2022 | 16.6 | 7.74 | 401 | 3 | 97.00% | 9.46 | 96 | 0.076 | 0.43 | 0.17 |
| 3242 | 575 | 19/01/2022 | 8.3 | 7.68 | 443 | <2 | 92.10% | 10.84 | 106 | 0.127 | 12.2 | <0.05 |
| 3242 | 6269 | 21/07/2022 | 13.8 | 8.03 | 540 | <2 | 98.00% | 10.21 | 181 | 0.081 | 14.7 | 0.07 |
| 3243 | 984 | 02/02/2022 | 9.1 | 7.71 | 312 | <2 | 95.00% | 10.9 | 70.7 | 0.012 | 11.8 | 0.05 |
| 3243 | 6082 | 15/07/2022 | 15.3 | 7.62 | 369 | <2 | 99.00% | 9.91 | 103 | 0.01 | 12.4 | 0.08 |
| 3244 | 661 | 20/01/2022 | 5.4 | 7.13 | 95.9 | <2 | 94.00% | 11.92 | 13.2 | <0.010 | 1.14 | <0.05 |
| 3244 | 7070 | 04/08/2022 | 12.5 | 7.21 | 104 | <2 | 95.00% | 10.14 | 14 | <0.010 | 0.77 | <0.05 |
| 3245 | 2502 | 25/03/2022 | 13 | 7.75 | 322 | 3 | 106.00% | 11.17 | 67.8 | 0.057 | 16.5 | <0.05 |
| 3245 | 6083 | 15/07/2022 | 20.8 | 9.77 | 319 | <3 | 142.00% | 12.72 | 66.7 | 0.011 | 13 | <0.05 |
| 3246 | 429 | 14/01/2022 | 8.7 | 7.31 | 316 | <2 | 98.00% | 11.4 | 70.1 | 0.038 | 10.6 | 0.05 |
| 3246 | 2504 | 25/03/2022 | 10.2 | 7.7 | 309 | <2 | 99.00% | 11.12 | 69.4 | 0.016 | 10.1 | 0.11 |
| 3246 | 6274 | 21/07/2022 | 13.1 | 7.74 | 324 | <2 | 99.00% | 10.47 | 69.9 | <0.010 | 8.5 | 0.08 |
| 3301 | 427 | 14/01/2022 | 7.5 | 7.3 | 123 | <2 | 99.00% | 11.9 | 18.1 | 0.019 | 7.15 | <0.05 |
| 3301 | 2413 | 23/03/2022 | 8.5 | 7.35 | 125 | <2 | 99.00% | 11.62 | 23.3 | 0.028 | 7.14 | <0.05 |
| 3301 | 7005 | 03/08/2022 | 15.6 | 7.5 | 197 | <2 | 102.00% | 10.13 | 19.3 | 0.029 | 3.37 | <0.05 |

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|------|-------|------------|------|------|-----|----|---------|-------|------|--------|------|-------|
| 3301 | 10435 | 17/11/2022 | 9.8 | 7.25 | 117 | <2 | 100.00% | 11.34 | 18.2 | 0.011 | 5.93 | <0.05 |
| 3302 | 426 | 14/01/2022 | 7.4 | 7.2 | 121 | <2 | 97.00% | 11.7 | 15.6 | 0.02 | 10.1 | <0.05 |
| 3302 | 2412 | 23/03/2022 | 8.5 | 7.26 | 127 | <2 | 97.00% | 11.34 | 20 | 0.019 | 11.1 | <0.05 |
| 3302 | 7004 | 03/08/2022 | 14.8 | 7.32 | 109 | <2 | 99.00% | 9.97 | 13.4 | 0.028 | 5.33 | <0.05 |
| 3302 | 10255 | 10/11/2022 | 11.7 | 7 | 106 | <2 | 104.00% | 11.26 | 10.2 | 0.032 | 6.57 | <0.05 |
| 3303 | 989 | 02/02/2022 | 8.5 | 7.31 | 162 | <2 | 95.00% | 11.1 | 27.8 | <0.010 | 4.58 | <0.05 |
| 3303 | 2414 | 23/03/2022 | 9 | 7.29 | 268 | <2 | 97.00% | 11.22 | 30.9 | 0.013 | 4.75 | <0.05 |
| 3303 | 7006 | 03/08/2022 | 14.5 | 7.52 | 201 | <2 | 96.00% | 9.83 | 43.2 | 0.027 | 5.63 | 0.05 |
| 3303 | 10253 | 10/11/2022 | 11.9 | 7.45 | 154 | <2 | 103.00% | 11.08 | 24.4 | 0.012 | 4.52 | <0.05 |
| 3304 | 569 | 19/01/2022 | 7.8 | 7.52 | 189 | <2 | 91.70% | 10.92 | 25.4 | <0.010 | 7.62 | <0.05 |
| 3304 | 3269 | 20/04/2022 | 8.6 | 7.74 | 185 | <2 | 100.00% | 11.67 | 30.4 | 0.021 | 6.56 | <0.05 |
| 3304 | 7349 | 11/08/2022 | 13.4 | 7.74 | 183 | <2 | 97.00% | 10.2 | 30.9 | <0.010 | 5.46 | <0.05 |
| 3304 | 10251 | 10/11/2022 | 11.7 | 7.33 | 180 | <2 | 103.00% | 11.17 | 24.3 | 0.02 | 6.88 | <0.05 |
| 3305 | 570 | 19/01/2022 | 7.9 | 7.57 | 231 | <2 | 92.50% | 10.99 | 48.5 | <0.010 | 9.13 | <0.05 |
| 3305 | 3268 | 20/04/2022 | 9 | 7.97 | 248 | <2 | 102.00% | 11.85 | 65.2 | 0.022 | 6.99 | <0.05 |
| 3305 | 7345 | 11/08/2022 | 15.9 | 8.26 | 267 | <2 | 109.00% | 10.8 | 77.4 | 0.01 | 4.81 | <0.05 |
| 3305 | 10252 | 10/11/2022 | 11.9 | 7.58 | 230 | <2 | 103.00% | 11.09 | 48.3 | 0.016 | 9.04 | <0.05 |
| 3306 | 983 | 02/02/2022 | 8.2 | 7.43 | 199 | <2 | 92.00% | 10.9 | 40.6 | 0.015 | 5.26 | <0.05 |
| 3306 | 6273 | 21/07/2022 | 14.5 | 7.65 | 226 | <2 | 101.00% | 10.34 | 62.4 | <0.010 | 2.98 | <0.05 |
| 3307 | 358 | 13/01/2022 | 6.6 | 7.01 | 107 | 3 | 97.10% | 11.92 | 10.8 | <0.010 | 3.53 | <0.05 |
| 3307 | 2410 | 23/03/2022 | 7.8 | 7.35 | 108 | <2 | 97.00% | 11.53 | 14.2 | 0.013 | 3.45 | <0.05 |
| 3307 | 7001 | 03/08/2022 | 14.8 | 7.19 | 90 | <2 | 97.00% | 9.79 | 9.18 | 0.024 | 0.67 | <0.05 |
| 3307 | 10268 | 11/11/2022 | 12.1 | 7.19 | 110 | <2 | 103.00% | 11.1 | 11.3 | <0.010 | 3.68 | <0.05 |
| 2001 | 783 | 27/01/2023 | 5.9 | 7.26 | 283 | <3 | 104.00% | 12.98 | 60.5 | 0.224 | 10.7 | <0.05 |
| 2001 | 2908 | 20/04/2023 | 9.5 | 7.29 | 262 | <2 | 104.00% | 11.85 | 58.2 | 0.115 | 10 | <0.05 |
| 2001 | 5835 | 20/07/2023 | 13.6 | 7.19 | 324 | <2 | 92.00% | 9.61 | 70.3 | 0.067 | 10.1 | <0.05 |
| 2001 | 8492 | 12/10/2023 | 11.6 | 7.08 | 263 | <2 | 98.60% | 10.72 | 60.8 | 0.098 | 9.84 | <0.05 |
| 2002 | 568 | 20/01/2023 | 7.7 | 7.48 | 240 | <2 | 102.00% | 12.15 | 39.9 | 0.033 | 13.2 | <0.05 |
| 2002 | 2910 | 20/04/2023 | 10.6 | 7.38 | 221 | <2 | 104.00% | 11.61 | 44.6 | 0.065 | 11.1 | <0.05 |
| 2002 | 5833 | 20/07/2023 | 13.1 | 7.03 | 281 | <2 | 93.00% | 9.73 | 56.3 | 0.057 | 10.7 | 0.13 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2002 | 8513 | 13/10/2023 | 11.6 | 7.4 | 232 | <2 | 98.20% | 10.7 | 46 | 0.027 | 10.8 | 0.05 |
| 2003 | 784 | 27/01/2023 | 5.2 | 7.24 | 155 | <3 | 103.00% | 13.09 | 26.5 | 0.032 | 7.41 | <0.05 |
| 2003 | 2907 | 20/04/2023 | 9.5 | 7.23 | 147 | <3 | 107.00% | 12.27 | 31.1 | 0.018 | 6.91 | <0.05 |
| 2003 | 5836 | 20/07/2023 | 15.4 | 7.29 | 169 | <2 | 96.00% | 9.6 | 35.4 | 0.038 | 5.42 | 0.05 |
| 2003 | 8493 | 12/10/2023 | 11.7 | 7.26 | 138 | <2 | 101.00% | 10.99 | 28.4 | 0.012 | 5.7 | <0.05 |
| 2004 | 385 | 12/01/2023 | 8.2 | 7.45 | 166 | <2 | 99.00% | 11.72 | 32.9 | 0.064 | 7.53 | <0.05 |
| 2004 | 4301 | 14/06/2023 | 18.4 | 7.32 | 224 | 4 | 112.00% | 10.53 | 51.7 | 0.108 | 9.9 | 0.26 |
| 2005 | 567 | 20/01/2023 | 7.1 | 7.31 | 209 | <3 | 102.00% | 12.32 | 35.4 | 0.038 | 10.9 | <0.05 |
| 2005 | 5834 | 20/07/2023 | 13.2 | 7.14 | 265 | <2 | 92.00% | 9.66 | 56.7 | 0.059 | 9.78 | 0.16 |
| 2006 | 383 | 12/01/2023 | 8.1 | 6.81 | 155 | <2 | 98.00% | 11.53 | 27.9 | 0.062 | 7.23 | 0.05 |
| 2006 | 2903 | 20/04/2023 | 8.2 | 7.05 | 162 | <2 | 101.00% | 11.94 | 42.9 | 0.029 | 6.76 | <0.05 |
| 2006 | 5830 | 20/07/2023 | 13.7 | 6.86 | 185 | <2 | 88.00% | 9.09 | 37.8 | 0.038 | 5.43 | 0.15 |
| 2006 | 8485 | 12/10/2023 | 10.9 | 7.05 | 164 | <2 | 96.20% | 10.63 | 35.6 | 0.026 | 6.26 | 0.05 |
| 2011 | 381 | 12/01/2023 | 7.9 | 6.68 | 130 | <2 | 94.00% | 11.19 | 20.8 | 0.053 | 4.65 | <0.05 |
| 2011 | 2902 | 20/04/2023 | 8.1 | 6.85 | 135 | <2 | 98.60% | 11.65 | 28.5 | 0.059 | 3.33 | <0.05 |
| 2011 | 5829 | 20/07/2023 | 13.1 | 6.63 | 154 | <2 | 86.00% | 9.09 | 28.8 | 0.192 | 1.69 | <0.05 |
| 2011 | 8484 | 12/10/2023 | 10.8 | 6.81 | 138 | <2 | 93.30% | 10.34 | 29 | 0.07 | 3.21 | <0.05 |
| 2013 | 386 | 12/01/2023 | 8 | 7.18 | 115 | <2 | 101.00% | 11.99 | 17.5 | 0.022 | 5.94 | <0.05 |
| 2013 | 4300 | 14/06/2023 | 16.7 | 7.62 | 154 | 2 | 109.00% | 10.62 | 29.2 | 0.032 | 7.62 | <0.05 |
| 2015 | 384 | 12/01/2023 | 7.9 | 7.08 | 127 | <2 | 100.00% | 11.85 | 22.7 | 0.025 | 4.75 | <0.05 |
| 2015 | 4434 | 16/06/2023 | 14.2 | 6.77 | 165 | <2 | 103.00% | 10.61 | 40.5 | 0.017 | 5.18 | 0.05 |
| 2017 | 561 | 20/01/2023 | 5.7 | 6.65 | 97.6 | <3 | 101.00% | 12.7 | 11.3 | <0.010 | 4.73 | <0.05 |
| 2017 | 5832 | 20/07/2023 | 13.6 | 7.04 | 93.1 | <2 | 94.00% | 9.77 | 12.1 | <0.010 | 1.13 | <0.05 |
| 2022 | 560 | 20/01/2023 | 5.5 | 6.4 | 72.3 | <3 | 99.00% | 12.54 | 5.97 | <0.010 | 1.69 | <0.05 |
| 2022 | 4435 | 16/06/2023 | 10.8 | 6.27 | 62.5 | <2 | 101.00% | 11.18 | 7.09 | 0.095 | 0.89 | <0.05 |
| 2023 | 559 | 20/01/2023 | 5.2 | 6.16 | 66.4 | <2 | 99.00% | 12.73 | 7.66 | <0.010 | 1.04 | <0.05 |
| 2023 | 2911 | 20/04/2023 | 11 | 7.11 | 59.2 | <2 | 106.00% | 11.71 | 14.6 | <0.010 | 0.52 | <0.05 |
| 2023 | 6041 | 28/07/2023 | 13.2 | 6.54 | 55.3 | <2 | 96.60% | 10.13 | 4.54 | 0.013 | 0.21 | <0.05 |
| 2023 | 8486 | 12/10/2023 | 10.4 | 7.15 | 57.3 | <2 | 98.50% | 11.01 | 5.1 | <0.010 | 0.36 | <0.05 |
| 2026 | 382 | 12/01/2023 | 7.9 | 6.8 | 138 | <2 | 95.00% | 11.28 | 22.6 | 0.065 | 5.49 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2026 | 4305 | 14/06/2023 | 16.1 | 7.05 | 194 | 4 | 78.60% | 7.74 | 43.8 | 1.1 | 8.55 | 0.68 |
| 2027 | 380 | 12/01/2023 | 7.9 | 6.67 | 120 | <2 | 92.00% | 10.95 | 16.2 | 0.028 | 3.53 | <0.05 |
| 2027 | 4433 | 16/06/2023 | 14.2 | 6.42 | 169 | <2 | 88.00% | 9.08 | 22.7 | 0.133 | 2.15 | <0.05 |
| 2028 | 980 | 03/02/2023 | 7.9 | 5.11 | 149 | <2 | 102.00% | 12.07 | 2.82 | 0.018 | 1.75 | <0.05 |
| 2028 | 5827 | 20/07/2023 | 12.6 | 5.93 | 131 | <2 | 90.00% | 9.55 | 3.32 | 0.024 | 0.18 | <0.05 |
| 2031 | 566 | 20/01/2023 | 7.4 | 7.33 | 261 | <3 | 103.00% | 12.37 | 47.4 | 0.206 | 11.8 | <0.05 |
| 2031 | 4441 | 16/06/2023 | 14.3 | 7.29 | 349 | 3 | 112.00% | 11.42 | 66.4 | 0.35 | 12.9 | 0.1 |
| 2101 | 565 | 20/01/2023 | 5.6 | 7.41 | 196 | <3 | 100.00% | 12.63 | 28 | 0.01 | 8.04 | <0.05 |
| 2101 | 3093 | 26/04/2023 | 7.9 | 7.69 | 189 | <3 | 107.00% | 12.7 | 38.5 | 0.032 | 6.97 | <0.05 |
| 2101 | 5540 | 13/07/2023 | 13.9 | 7.44 | 220 | <2 | 94.40% | 9.74 | 44.5 | 0.037 | 8.97 | 0.09 |
| 2101 | 8490 | 12/10/2023 | 11.6 | 7.17 | 170 | <2 | 99.40% | 10.81 | 31.9 | <0.010 | 5.43 | <0.05 |
| 2102 | 564 | 20/01/2023 | 5.9 | 7.39 | 223 | <3 | 100.00% | 12.49 | 66.6 | <0.010 | 13.8 | <0.05 |
| 2102 | 5541 | 13/07/2023 | 13.2 | 7.71 | 252 | <2 | 93.30% | 9.79 | 48.5 | 0.032 | 15.1 | 0.14 |
| 2201 | 413 | 13/01/2023 | 8.4 | 6.9 | 183 | <2 | 103.00% | 12.1 | 30.4 | 0.015 | 8.89 | <0.05 |
| 2201 | 5861 | 21/07/2023 | 13.4 | 6.99 | 218 | <2 | 100.00% | 10.43 | 46 | <0.010 | 7.14 | 0.05 |
| 2211 | 412 | 13/01/2023 | 7.6 | 6.97 | 103 | <2 | 101.00% | 12.13 | 11.5 | <0.010 | 4.85 | <0.05 |
| 2211 | 2827 | 19/04/2023 | 10.5 | 7.03 | 95.7 | <3 | 111.00% | 12.35 | 13.5 | <0.010 | 3.34 | <0.05 |
| 2211 | 5537 | 13/07/2023 | 17.8 | 7.10 | 97.1 | <2 | 98.20% | 9.33 | 13.0 | 0.022 | 1.42 | <0.05 |
| 2211 | 8671 | 18/10/2023 | 10.6 | 7.14 | 94.4 | <2 | 99.00% | 11.03 | 16.8 | <0.010 | 2.67 | <0.05 |
| 2213 | 411 | 13/01/2023 | 7.6 | 6.97 | 102 | <2 | 101.00% | 12.15 | 10.5 | 0.01 | 4.99 | <0.05 |
| 2213 | 2828 | 19/04/2023 | 9.8 | 7.03 | 95.5 | <3 | 110.00% | 12.45 | 13.7 | <0.010 | 3.47 | <0.05 |
| 2213 | 5538 | 13/07/2023 | 15.8 | 7.25 | 98.2 | <2 | 96.20% | 9.54 | 19.9 | 0.012 | 1.58 | <0.05 |
| 2213 | 8672 | 18/10/2023 | 10.4 | 7.19 | 95.6 | <2 | 99.00% | 11.11 | 16.7 | <0.010 | 3.01 | <0.05 |
| 2216 | 410 | 13/01/2023 | 7.6 | 6.84 | 89.2 | <2 | 102.00% | 12.17 | 7.77 | <0.010 | 4.15 | <0.05 |
| 2216 | 5765 | 19/07/2023 | 15.2 | 7.11 | 75.7 | <2 | 97.80% | 9.82 | 8.64 | <0.010 | 0.78 | <0.05 |
| 2218 | 409 | 13/01/2023 | 7.5 | 6.84 | 78.6 | <2 | 101.00% | 12.08 | 6.42 | <0.010 | 3.97 | <0.05 |
| 2218 | 5766 | 19/07/2023 | 15.5 | 7.00 | 64.6 | <2 | 97.30% | 9.70 | 6.65 | <0.010 | 0.59 | <0.05 |
| 2311 | 5536 | 13/07/2023 | 15.7 | 7.05 | 99.9 | <2 | 96.70% | 9.61 | 13.0 | 0.024 | 4.07 | 0.13 |
| 2311 | 8673 | 18/10/2023 | 10.7 | 7.21 | 90.3 | <2 | 100.00% | 11.07 | 13.7 | 0.032 | 2.57 | <0.05 |
| 2315 | 407 | 13/01/2023 | 7.5 | 7.11 | 73.9 | <2 | 101.00% | 12.14 | 7.32 | <0.010 | 3.51 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 2315 | 5535 | 13/07/2023 | 13.7 | 7.16 | 72.3 | <2 | 94.30% | 9.78 | 9.75 | 0.017 | 1.02 | <0.05 |
| 2421 | 960 | 02/02/2023 | 7.8 | 7.21 | 80.5 | <2 | 100.00% | 11.93 | 5.74 | <0.010 | 1.47 | <0.05 |
| 2421 | 2825 | 19/04/2023 | 9.8 | 7.04 | 78.5 | <3 | 109.00% | 12.31 | 6.31 | <0.010 | 1.61 | <0.05 |
| 2421 | 5534 | 13/07/2023 | 14.0 | 7.11 | 83.5 | <2 | 94.40% | 9.73 | 9.08 | 0.014 | 0.93 | <0.05 |
| 2421 | 8215 | 04/10/2023 | 11.8 | 6.92 | 72.3 | <2 | 99.40% | 10.76 | 8.75 | <0.010 | 1.12 | <0.05 |
| 2422 | 962 | 02/02/2023 | 7.8 | 6.69 | 84.2 | <3 | 103.00% | 12.28 | 4.62 | <0.010 | 1.44 | <0.05 |
| 2422 | 5762 | 19/07/2023 | 13.4 | 7.39 | 79.7 | <2 | 84.60% | 8.83 | 18.4 | <0.010 | 0.46 | <0.05 |
| 2423 | 961 | 02/02/2023 | 7.7 | 6.78 | 69.8 | <3 | 103.00% | 12.26 | 3.6 | 0.01 | 1.04 | <0.05 |
| 2423 | 5763 | 19/07/2023 | 14.4 | 7.15 | 63.0 | <2 | 95.80% | 9.78 | 11.3 | <0.010 | 0.20 | <0.05 |
| 2424 | 959 | 02/02/2023 | 8.3 | 7.16 | 383 | <2 | 88.60% | 10.42 | 128 | 0.176 | 9.53 | <0.05 |
| 2424 | 5761 | 19/07/2023 | 14.9 | 7.33 | 400 | <2 | 80.70% | 8.15 | 151 | 0.064 | 6.16 | <0.05 |
| 2427 | 958 | 02/02/2023 | 7.2 | 6.99 | 78.3 | <2 | 99.60% | 12.05 | 7.77 | 0.025 | 1.96 | <0.05 |
| 2427 | 5760 | 19/07/2023 | 16.3 | 7.12 | 84.0 | <2 | 89.30% | 8.75 | 22.6 | 0.025 | 1.16 | <0.05 |
| 2428 | 686 | 25/01/2023 | 7.2 | 6.59 | 79.5 | <2 | 99.00% | 11.99 | 6.53 | 0.016 | 2.13 | <0.05 |
| 2428 | 2824 | 19/04/2023 | 9.5 | 6.99 | 84.9 | <3 | 108.00% | 12.35 | 9.12 | <0.010 | 2.5 | <0.05 |
| 2428 | 5533 | 13/07/2023 | 15.1 | 7.08 | 94.1 | <2 | 97.30% | 9.79 | 14.2 | 0.028 | 2.27 | <0.05 |
| 2428 | 8216 | 04/10/2023 | 12.3 | 6.82 | 72 | <2 | 101.00% | 10.76 | 8.42 | <0.010 | 1.34 | <0.05 |
| 2429 | 687 | 25/01/2023 | 8.4 | 6.8 | 110 | <2 | 101.00% | 11.81 | 11 | 0.012 | 5.8 | <0.05 |
| 2429 | 5853 | 21/07/2023 | 13.3 | 7.14 | 123 | <2 | 97.00% | 10.11 | 21.7 | 0.016 | 2.73 | <0.05 |
| 2430 | 688 | 25/01/2023 | 7.1 | 6.51 | 70.3 | <3 | 102.00% | 12.38 | 5.63 | 0.019 | 1.42 | <0.05 |
| 2430 | 5854 | 21/07/2023 | 14.1 | 7.12 | 72 | <2 | 99.00% | 10.14 | 6.42 | 0.018 | 0.62 | <0.05 |
| 2431 | 689 | 25/01/2023 | 8 | 6.36 | 79.7 | <2 | 102.00% | 12.11 | 3.49 | <0.010 | 1.76 | <0.05 |
| 2431 | 5855 | 21/07/2023 | 12.8 | 7.1 | 76.9 | <2 | 97.00% | 10.29 | 6.42 | <0.010 | 0.18 | <0.05 |
| 2432 | 690 | 25/01/2023 | 6.6 | 6.27 | 65.7 | <3 | 100.00% | 12.29 | 4.28 | 0.016 | 1.08 | <0.05 |
| 2432 | 2823 | 19/04/2023 | 10.1 | 7.29 | 65.2 | <2 | 107.00% | 12.07 | 5.52 | 0.016 | 0.93 | <0.05 |
| 2432 | 5856 | 21/07/2023 | 14.2 | 7.1 | 67.6 | <2 | 99.00% | 10.17 | 6.54 | <0.010 | 0.58 | <0.05 |
| 2432 | 8217 | 04/10/2023 | 13.1 | 6.8 | 59.9 | <2 | 102.00% | 10.7 | 4.87 | <0.010 | 0.61 | <0.05 |
| 2433 | 691 | 25/01/2023 | 7.9 | 6.27 | 59 | <2 | 102.00% | 12.15 | 2.93 | <0.010 | 1.21 | <0.05 |
| 2433 | 5857 | 21/07/2023 | 14.4 | 6.91 | 53.5 | <2 | 99.00% | 10.11 | 2.99 | <0.010 | 0.25 | <0.05 |
| 2434 | 692 | 25/01/2023 | 7.7 | 6.25 | 92.4 | <2 | 102.00% | 12.16 | 5.18 | 0.012 | 1.64 | <0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|-------|-------|
| 2434 | 5858 | 21/07/2023 | 14.1 | 6.87 | 72.5 | <2 | 99.00% | 10.15 | 7.09 | 0.041 | 0.62 | <0.05 |
| 2435 | 693 | 25/01/2023 | 6.6 | 6.2 | 90.2 | <3 | 100.00% | 12.27 | 4.84 | 0.016 | 1.08 | <0.05 |
| 2435 | 3333 | 04/05/2023 | 8.3 | 6.7 | 68.4 | <2 | 102.00% | 12.04 | 5.40 | 0.022 | 0.72 | <0.05 |
| 2435 | 5859 | 21/07/2023 | 15.2 | 6.8 | 67.9 | <2 | 99.00% | 9.95 | 6.65 | 0.081 | 0.45 | <0.05 |
| 2435 | 8670 | 18/10/2023 | 12.2 | 7.06 | 72.6 | <2 | 99.00% | 10.61 | 6.98 | 0.03 | 0.51 | <0.05 |
| 2436 | 695 | 25/01/2023 | 7.3 | 6 | 51.3 | <3 | 102.00% | 12.32 | 4.28 | <0.010 | 0.25 | <0.05 |
| 2436 | 4436 | 16/06/2023 | 16.7 | 6.58 | 73.3 | <2 | 113.00% | 10.98 | 15.7 | 0.01 | 0.08 | <0.05 |
| 2438 | 694 | 25/01/2023 | 6.8 | 5.91 | 57.9 | <2 | 100.00% | 12.19 | 3.49 | <0.010 | 0.59 | <0.05 |
| 2438 | 5860 | 21/07/2023 | 12.9 | 6.85 | 56.4 | <2 | 97.00% | 10.21 | 3.99 | <0.010 | <0.05 | <0.05 |
| 2511 | 955 | 02/02/2023 | 8.2 | 7.36 | 432 | <2 | 92.70% | 10.93 | 136 | 0.123 | 15.2 | <0.05 |
| 2511 | 5759 | 19/07/2023 | 15.9 | 7.74 | 490 | <2 | 88.80% | 8.78 | 179 | 0.017 | 20.9 | <0.05 |
| 2512 | 956 | 02/02/2023 | 8.1 | 7.28 | 394 | <2 | 92.20% | 10.9 | 117 | 0.188 | 12.1 | <0.05 |
| 2512 | 5758 | 19/07/2023 | 16.0 | 7.49 | 425 | <2 | 81.20% | 8.02 | 150 | 0.015 | 14.8 | <0.05 |
| 2513 | 957 | 02/02/2023 | 8.1 | 7.13 | 354 | <2 | 87.00% | 10.28 | 103 | 0.238 | 8.58 | <0.05 |
| 2513 | 5757 | 19/07/2023 | 15.0 | 7.19 | 362 | <2 | 81.30% | 8.19 | 126 | 0.113 | 4.63 | <0.05 |
| 2603 | 778 | 27/01/2023 | 6.4 | 6.98 | 121 | <3 | 105.00% | 12.96 | 10.1 | 0.021 | 4.76 | <0.05 |
| 2603 | 2822 | 19/04/2023 | 8.8 | 7.25 | 121 | <2 | 104.00% | 12.05 | 12.6 | 0.022 | 4.42 | <0.05 |
| 2603 | 5532 | 13/07/2023 | 13.0 | 7.15 | 123 | <2 | 91.00% | 9.59 | 15.0 | 0.033 | 2.84 | <0.05 |
| 2603 | 8214 | 04/10/2023 | 11.7 | 7.06 | 113 | <2 | 98.20% | 10.69 | 11 | <0.010 | 3.63 | <0.05 |
| 2634 | 779 | 27/01/2023 | 5.5 | 7.13 | 117 | <3 | 105.00% | 13.28 | 15.1 | 0.014 | 3.28 | <0.05 |
| 2634 | 4437 | 16/06/2023 | 15 | 7.13 | 167 | <2 | 109.00% | 11.03 | 40.4 | 0.026 | 2.72 | <0.05 |
| 2651 | 780 | 27/01/2023 | 4.9 | 7.39 | 161 | <3 | 106.00% | 13.57 | 27.1 | 0.02 | 4.47 | <0.05 |
| 2651 | 4438 | 16/06/2023 | 14.2 | 7.17 | 209 | <2 | 109.00% | 11.19 | 51.8 | 0.032 | 4.27 | <0.05 |
| 2711 | 883 | 01/02/2023 | 7.1 | 7.51 | 143 | <3 | 105.00% | 12.67 | 40.1 | 0.079 | 6.1 | <0.05 |
| 2711 | 2821 | 19/04/2023 | 8.9 | 7.08 | 172 | <2 | 105.00% | 12.16 | 38.2 | 0.094 | 5.37 | <0.05 |
| 2711 | 6038 | 28/07/2023 | 13.8 | 7.13 | 71.8 | 2 | 96.60% | 10 | 29.2 | 0.028 | 2.96 | <0.05 |
| 2711 | 8669 | 18/10/2023 | 10.1 | 7.52 | 169 | <2 | 97.00% | 10.87 | 39.9 | 0.011 | 4.53 | <0.05 |
| 2714 | 953 | 02/02/2023 | 8.8 | 7.11 | 176 | <2 | 103.00% | 11.97 | 35.7 | 0.223 | 5.06 | 0.06 |
| 2714 | 2820 | 19/04/2023 | 8.3 | 6.98 | 160 | <2 | 104.00% | 12.19 | 31.9 | 0.113 | 4.34 | <0.05 |
| 2714 | 6036 | 28/07/2023 | 13.4 | 6.95 | 142 | 2 | 95.90% | 10.01 | 22.5 | 0.048 | 3.03 | <0.05 |

| | | | | | | | | | | | | |
|------|------|------------|------|------|------|----|----------|-------|------|--------|------|-------|
| 2714 | 8212 | 04/10/2023 | 12 | 7.22 | 152 | <2 | 98.60% | 10.62 | 30 | 0.012 | 4.11 | <0.05 |
| 2715 | 879 | 01/02/2023 | 7.4 | 7.32 | 156 | <2 | 99.90% | 12.02 | 38.5 | 0.032 | 6.56 | <0.05 |
| 2715 | 5567 | 14/07/2023 | 13.4 | 7.46 | 230 | <2 | 93.00% | 9.71 | 62.7 | 0.035 | 6.52 | <0.05 |
| 2718 | 880 | 01/02/2023 | 7.1 | 7.27 | 148 | <3 | 105.00% | 12.67 | 26.1 | 0.012 | 3.64 | <0.05 |
| 2718 | 5568 | 14/07/2023 | 14.9 | 7.55 | 195 | <2 | 97.10% | 9.81 | 41.4 | <0.010 | 1.5 | <0.05 |
| 2720 | 878 | 01/02/2023 | 7.3 | 7.03 | 182 | <3 | 103.00% | 12.43 | 31.4 | 0.015 | 2.93 | <0.05 |
| 2720 | 5566 | 14/07/2023 | 14.9 | 7.56 | 225 | <2 | 96.20% | 9.72 | 51.5 | 0.021 | 0.94 | <0.05 |
| 2721 | 877 | 01/02/2023 | 6.9 | 7.35 | 174 | <3 | 103.00% | 12.6 | 7.09 | <0.010 | 1.37 | <0.05 |
| 2721 | 6339 | 09/08/2023 | 11.2 | 6.5 | 113 | <2 | 93.50% | 10.27 | 7.64 | <0.010 | 0.9 | <0.05 |
| 2722 | 954 | 02/02/2023 | 8.6 | 7.11 | 119 | <2 | 104.00% | 12.11 | 16.4 | 0.012 | 3.31 | <0.05 |
| 2722 | 6035 | 28/07/2023 | 13.2 | 6.82 | 86.3 | 2 | 95.50% | 10.02 | 10.4 | 0.018 | 1.16 | <0.05 |
| 2725 | 782 | 27/01/2023 | 4.7 | 7.07 | 90.9 | <3 | 106.00% | 13.61 | 8.56 | 0.021 | 2.57 | <0.05 |
| 2725 | 4439 | 16/06/2023 | 15.8 | 7.26 | 90.4 | <2 | 113.00% | 11.18 | 13.7 | 0.091 | 1.22 | <0.05 |
| 2726 | 881 | 01/02/2023 | 7.1 | 7.22 | 190 | <3 | 104.00% | 12.61 | 25.7 | 0.063 | 4.41 | <0.05 |
| 2726 | 4440 | 16/06/2023 | 17.3 | 7.23 | 193 | <2 | 119.00% | 11.42 | 44.5 | 0.147 | 6.19 | 0.2 |
| 2728 | 882 | 01/02/2023 | 7.4 | 7.42 | 181 | <3 | 104.00% | 12.54 | 44.8 | 0.06 | 6.85 | <0.05 |
| 2728 | 6037 | 28/07/2023 | 13.6 | 6.97 | 146 | <2 | 95.70% | 9.94 | 30.9 | 0.022 | 3.23 | <0.05 |
| 2801 | 884 | 01/02/2023 | 7.2 | 7.4 | 144 | <3 | 106.00% | 12.81 | 15.7 | 0.01 | 3.06 | <0.05 |
| 2801 | 3091 | 26/04/2023 | 6.9 | 7.41 | 142 | <3 | 104.00% | 12.61 | 18 | <0.010 | 2.73 | <0.05 |
| 2801 | 6040 | 28/07/2023 | 13.4 | 7 | 107 | <2 | 9690.00% | 10.12 | 9.53 | 0.02 | 1.53 | <0.05 |
| 2801 | 8504 | 13/10/2023 | 11 | 7.43 | 126 | <2 | 99.60% | 10.99 | 13.4 | 0.01 | 1.95 | <0.05 |
| 2802 | 885 | 01/02/2023 | 7.1 | 7.23 | 126 | <3 | 105.00% | 12.72 | 8.9 | 0.011 | 1.98 | <0.05 |
| 2802 | 6039 | 28/07/2023 | 13.5 | 7.01 | 104 | <2 | 97.10% | 10.12 | 7.42 | 0.015 | 1.31 | <0.05 |
| 3002 | 295 | 11/01/2023 | 7.8 | 7.48 | 233 | <2 | 101.00% | 12.03 | 36.9 | 0.028 | 10.1 | <0.05 |
| 3002 | 5562 | 14/07/2023 | 14.3 | 7.36 | 291 | <2 | 92.50% | 9.46 | 69.9 | 0.031 | 6.65 | <0.05 |
| 3004 | 298 | 11/01/2023 | 7.8 | 7.33 | 187 | <3 | 103.00% | 12.31 | 22.6 | 0.014 | 7.57 | <0.05 |
| 3004 | 2953 | 21/04/2023 | 8.8 | 7.42 | 186 | <2 | 104.00% | 12.12 | 24 | <0.010 | 5.73 | <0.05 |
| 3004 | 6342 | 09/08/2023 | 12.9 | 7.07 | 163 | <2 | 96.20% | 10.16 | 20.3 | <0.010 | 2.86 | <0.05 |
| 3004 | 8506 | 13/10/2023 | 11.3 | 7.38 | 186 | <2 | 99.40% | 10.88 | 22.6 | 0.014 | 4.73 | <0.05 |
| 3021 | 294 | 11/01/2023 | 8 | 7.51 | 404 | 2 | 98.90% | 11.72 | 117 | 0.091 | 16.1 | 0.08 |

| | | | | | | | | | | | | |
|------|------|------------|------|------|-----|----|---------|-------|------|--------|------|-------|
| 3021 | 2954 | 21/04/2023 | 9.7 | 7.66 | 412 | <2 | 104.00% | 11.79 | 135 | 0.038 | 15.5 | 0.06 |
| 3021 | 6343 | 09/08/2023 | 13.1 | 7.63 | 424 | <2 | 95.00% | 9.99 | 140 | 0.026 | 7.18 | 0.16 |
| 3021 | 8507 | 13/10/2023 | 11.8 | 7.56 | 420 | <2 | 96.30% | 10.4 | 132 | 0.021 | 12.1 | 0.09 |
| 3031 | 754 | 26/01/2023 | 7.1 | 7.61 | 686 | <2 | 100.00% | 12.1 | 269 | 0.121 | 17.3 | 0.06 |
| 3031 | 2955 | 21/04/2023 | 10 | 7.79 | 676 | <2 | 107.00% | 12.05 | 284 | 0.047 | 15.5 | <0.05 |
| 3031 | 6344 | 09/08/2023 | 12.5 | 7.62 | 693 | <2 | 88.20% | 9.39 | 277 | 0.037 | 5.75 | 0.12 |
| 3031 | 8508 | 13/10/2023 | 12.2 | 7.64 | 692 | 2 | 89.30% | 9.58 | 293 | 0.109 | 10 | 0.08 |
| 3103 | 751 | 26/01/2023 | 6.5 | 7.54 | 230 | <3 | 105.00% | 12.9 | 47.1 | 0.043 | 9.65 | <0.05 |
| 3103 | 5561 | 14/07/2023 | 14.6 | 7.46 | 245 | <2 | 94.40% | 9.6 | 63.9 | 0.032 | 4.88 | 0.05 |
| 3105 | 752 | 26/01/2023 | 6.8 | 7.63 | 195 | <3 | 104.00% | 12.7 | 31.6 | 0.024 | 7.35 | <0.05 |
| 3105 | 5560 | 14/07/2023 | 14.6 | 7.34 | 196 | <2 | 95.20% | 9.69 | 39.1 | 0.021 | 4.92 | <0.05 |
| 3107 | 753 | 26/01/2023 | 6.9 | 7.11 | 163 | <3 | 103.00% | 12.6 | 21.1 | 0.037 | 4.73 | <0.05 |
| 3107 | 5828 | 20/07/2023 | 13.9 | 6.61 | 155 | <2 | 92.00% | 9.48 | 19.7 | 0.024 | 1.45 | <0.05 |
| 3111 | 293 | 11/01/2023 | 8.6 | 7.61 | 580 | <2 | 98.20% | 11.47 | 187 | 0.071 | 13.7 | 0.08 |
| 3111 | 3092 | 26/04/2023 | 9.6 | 7.69 | 609 | <2 | 106.00% | 12.08 | 228 | 0.038 | 10.1 | <0.05 |
| 3111 | 6345 | 09/08/2023 | 14 | 7.66 | 604 | <2 | 94.50% | 9.74 | 226 | 0.039 | 6.59 | <0.05 |
| 3111 | 8509 | 13/10/2023 | 12.6 | 7.72 | 572 | <2 | 94.50% | 10.05 | 223 | 0.034 | 7.57 | <0.05 |
| 3201 | 981 | 03/02/2023 | 8.7 | 7.33 | 226 | <3 | 106.00% | 12.33 | 42.8 | 0.011 | 9.41 | <0.05 |
| 3201 | 2958 | 21/04/2023 | 10.9 | 7.79 | 222 | <2 | 107.00% | 11.86 | 50.4 | <0.010 | 9.47 | <0.05 |
| 3201 | 6399 | 10/08/2023 | 15.1 | 7.65 | 198 | <2 | 99.00% | 9.96 | 45.9 | 0.016 | 5.62 | <0.05 |
| 3201 | 8512 | 13/10/2023 | 11.7 | 7.6 | 215 | <2 | 99.90% | 10.84 | 49.3 | 0.016 | 7.34 | <0.05 |
| 3203 | 755 | 26/01/2023 | 6.8 | 7.11 | 209 | <3 | 105.00% | 12.8 | 42.3 | 0.028 | 8.53 | <0.05 |
| 3203 | 2956 | 21/04/2023 | 10 | 7.91 | 209 | <2 | 107.00% | 12.03 | 43.7 | 0.015 | 8.31 | <0.05 |
| 3203 | 6347 | 09/08/2023 | 13.5 | 7.73 | 193 | <2 | 98.80% | 10.29 | 41.3 | 0.02 | 5.44 | <0.05 |
| 3203 | 8511 | 13/10/2023 | 11.6 | 7.6 | 206 | <2 | 99.80% | 10.85 | 47.1 | 0.015 | 6.7 | <0.05 |
| 3205 | 886 | 01/02/2023 | 7.3 | 7.23 | 214 | <3 | 104.00% | 12.55 | 41.7 | 0.066 | 2.24 | <0.05 |
| 3205 | 4442 | 16/06/2023 | 15.7 | 7.39 | 240 | <2 | 112.00% | 11.13 | 63.7 | 0.108 | 1.74 | <0.05 |
| 3231 | 785 | 27/01/2023 | 5.8 | 7.41 | 262 | <3 | 104.00% | 13.01 | 42.6 | 0.024 | 13.1 | <0.05 |
| 3231 | 2909 | 20/04/2023 | 9.9 | 7.41 | 249 | <2 | 107.00% | 12.1 | 48 | 0.012 | 12.1 | <0.05 |
| 3231 | 6043 | 28/07/2023 | 15.4 | 7.34 | 239 | <2 | 99.40% | 9.93 | 50.3 | 0.021 | 7.64 | 0.05 |

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|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 3231 | 8487 | 12/10/2023 | 11.3 | 6.99 | 243 | <2 | 99.40% | 10.88 | 45.3 | <0.010 | 11.7 | <0.05 |
| 3233 | 786 | 27/01/2023 | 5.3 | 7.44 | 223 | <3 | 102.00% | 12.91 | 37.8 | 0.036 | 6.9 | <0.05 |
| 3233 | 4302 | 14/06/2023 | 17.6 | 7.44 | 229 | <7 | 92.90% | 8.86 | 66.1 | 0.209 | 1.68 | 2.95 |
| 3233 | 6348 | 09/08/2023 | 16 | 7.73 | 180 | 5 | 98.60% | 9.73 | 37.7 | 0.025 | 4.36 | 0.56 |
| 3235 | 787 | 27/01/2023 | 6.8 | 7.09 | 172 | <3 | 102.00% | 12.51 | 25.2 | 0.01 | 8.81 | <0.05 |
| 3235 | 4304 | 14/06/2023 | 13.8 | 7.47 | 170 | 3 | 109.00% | 11.24 | 25.5 | 0.031 | 7.9 | <0.05 |
| 3240 | 289 | 11/01/2023 | 8.6 | 7.26 | 445 | 3 | 98.80% | 11.54 | 89.3 | 0.094 | 15.2 | 0.13 |
| 3240 | 5565 | 14/07/2023 | 14.5 | 7.46 | 466 | <2 | 92.70% | 9.44 | 134 | 0.021 | 15.5 | 0.07 |
| 3241 | 290 | 11/01/2023 | 8.1 | 7.46 | 334 | <2 | 103.00% | 12.14 | 56.2 | 0.019 | 11.6 | 0.08 |
| 3241 | 5564 | 14/07/2023 | 15.7 | 7.88 | 357 | <2 | 96.70% | 9.61 | 77.7 | 0.033 | 0.77 | 0.15 |
| 3242 | 291 | 11/01/2023 | 8.2 | 7.39 | 419 | 3 | 101.00% | 11.91 | 91.6 | 0.275 | 13.6 | 0.1 |
| 3242 | 5563 | 14/07/2023 | 14.1 | 7.9 | 551 | <2 | 94.60% | 9.73 | 182 | 0.072 | 12.2 | <0.05 |
| 3243 | 292 | 11/01/2023 | 8.1 | 7.47 | 296 | <2 | 103.00% | 12.13 | 52.4 | 0.039 | 11.1 | <0.05 |
| 3243 | 4303 | 14/06/2023 | 15.6 | 7.67 | 352 | 4 | 113.00% | 11.27 | 93.5 | 0.053 | 11.7 | 0.11 |
| 3244 | 414 | 13/01/2023 | 7.1 | 7.07 | 93.9 | <2 | 99.30% | 12.03 | 11.6 | <0.010 | 2.21 | <0.05 |
| 3244 | 5764 | 19/06/2023 | 13.2 | 7.07 | 96.3 | <2 | 94.10% | 9.87 | 14.8 | <0.010 | 0.69 | <0.05 |
| 3245 | 405 | 13/01/2023 | 10.3 | 7.54 | 353 | 3 | 101.00% | 11.35 | 72.7 | 0.089 | 19.5 | <0.05 |
| 3245 | 4298 | 14/06/2023 | 18.6 | 8.79 | 320 | 3 | 139.00% | 12.99 | 44.2 | 0.017 | 14 | <0.05 |
| 3246 | 406 | 13/01/2023 | 9 | 7.64 | 325 | <2 | 101.00% | 11.65 | 69.8 | 0.019 | 10.8 | 0.05 |
| 3246 | 4299 | 14/06/2023 | 13.7 | 7.99 | 323 | 3 | 110.00% | 11.41 | 68.6 | 0.019 | 9.35 | 0.1 |
| 3301 | 387 | 12/01/2023 | 7.9 | 7.2 | 110 | <2 | 101.00% | 12.01 | 14.5 | 0.024 | 5.85 | <0.05 |
| 3301 | 2905 | 20/04/2023 | 8.3 | 7.17 | 122 | <2 | 103.00% | 12.06 | 22.5 | 0.01 | 6.57 | <0.05 |
| 3301 | 6042 | 28/07/2023 | 14.8 | 6.69 | 84.6 | <2 | 99.30% | 10.05 | 10.6 | 0.021 | 1.77 | <0.05 |
| 3301 | 8488 | 12/10/2023 | 11 | 7.17 | 111 | <2 | 101.00% | 11.09 | 18.7 | <0.010 | 4.94 | <0.05 |
| 3302 | 561 | 20/01/2023 | 5.8 | 6.87 | 119 | <3 | 100.00% | 12.58 | 15.3 | <0.010 | 9.45 | <0.05 |
| 3302 | 2904 | 20/04/2023 | 8.2 | 7.19 | 117 | <2 | 102.00% | 12.01 | 25.3 | 0.011 | 9.23 | <0.05 |
| 3302 | 5831 | 20/07/2023 | 13.7 | 7.06 | 100 | <2 | 95.00% | 9.86 | 13 | 0.011 | 5.31 | <0.05 |
| 3302 | 8491 | 12/10/2023 | 11.2 | 7.27 | 105 | <2 | 98.70% | 10.98 | 13.7 | <0.010 | 6.87 | <0.05 |
| 3303 | 563 | 20/01/2023 | 5.4 | 6.88 | 165 | <3 | 98.00% | 12.45 | 24.9 | <0.010 | 5.06 | <0.05 |
| 3303 | 2906 | 20/04/2023 | 9 | 7.21 | 153 | <2 | 100.00% | 11.56 | 31.9 | <0.010 | 4.47 | <0.05 |

| | | | | | | | | | | | | |
|------|------|------------|------|------|------|----|---------|-------|------|--------|------|-------|
| 3303 | 5539 | 13/07/2023 | 13.4 | 7.15 | 188 | <2 | 94.20% | 9.84 | 39.3 | 0.016 | 5.81 | <0.05 |
| 3303 | 8489 | 12/10/2023 | 11.8 | 7.14 | 142 | <2 | 99.20% | 10.73 | 25.8 | <0.010 | 3.22 | <0.05 |
| 3304 | 296 | 11/01/2023 | 7.9 | 7.48 | 181 | <2 | 102.00% | 12.13 | 23.9 | 0.023 | 7.58 | <0.05 |
| 3304 | 2952 | 21/04/2023 | 8.6 | 7.42 | 173 | <2 | 101.00% | 11.8 | 29.6 | <0.010 | 6.42 | <0.05 |
| 3304 | 6341 | 09/08/2023 | 12.2 | 7.09 | 158 | <2 | 94.40% | 10.13 | 19.8 | 0.013 | 4.57 | <0.05 |
| 3304 | 8505 | 13/10/2023 | 11.3 | 7.37 | 175 | <2 | 98.60% | 10.8 | 26.6 | 0.011 | 5.59 | <0.05 |
| 3305 | 297 | 11/01/2023 | 7.7 | 7.49 | 235 | <2 | 102.00% | 12.21 | 52.5 | 0.029 | 9.81 | <0.05 |
| 3305 | 2957 | 21/04/2023 | 9.5 | 7.81 | 234 | <3 | 108.00% | 12.28 | 56.2 | <0.010 | 8.4 | <0.05 |
| 3305 | 6346 | 09/08/2023 | 13 | 7.79 | 188 | <2 | 97.70% | 10.29 | 36.1 | 0.011 | 5.39 | <0.05 |
| 3305 | 8510 | 13/10/2023 | 11.4 | 7.71 | 215 | <2 | 99.10% | 10.82 | 47.9 | 0.017 | 6.54 | <0.05 |
| 3306 | 756 | 26/01/2023 | 6.9 | 7.03 | 191 | <3 | 104.00% | 12.6 | 36 | 0.018 | 5.99 | <0.05 |
| 3306 | 6340 | 09/08/2023 | 12.5 | 6.98 | 189 | <2 | 95.10% | 10.13 | 39.1 | 0.013 | 4.4 | <0.05 |
| 3307 | 781 | 27/01/2023 | 4.7 | 7.06 | 108 | <3 | 106.00% | 13.59 | 9.46 | 0.015 | 3.24 | <0.05 |
| 3307 | 2819 | 19/04/2023 | 7.8 | 7.05 | 109 | <2 | 103.00% | 12.23 | 15.7 | 0.041 | 2.91 | <0.05 |
| 3307 | 6034 | 28/07/2023 | 13.1 | 6.9 | 80.7 | <2 | 95.10% | 10 | 7.75 | 0.018 | 1 | <0.05 |
| 3307 | 8213 | 04/10/2023 | 11.6 | 7.07 | 103 | <2 | 98.70% | 10.73 | 13.2 | <0.010 | 2.49 | <0.05 |

15.5 Appendix 5 - Heavy metal RAW water quality data

| Site Code | Gov Lab Ref | Sampling Date | Dissolved Cadmium (µg/L) | Dissolved Copper (µg/L) | Dissolved Manganese (µg/L) | Dissolved Nickel (µg/L) | Dissolved Zinc (µg/L) | Dissolved Iron (µg/L) |
|-----------|-------------|---------------|--------------------------|-------------------------|----------------------------|-------------------------|-----------------------|-----------------------|
| 2211 | 5022 | 10/07/2020 | 0.78 | <20 | 13 | <5 | 303 | 57.1 |
| 2211 | 8930 | 10/11/2020 | 0.53 | <20 | 9.7 | <5 | 208 | 42.8 |
| 2216 | 5024 | 10/07/2020 | 1.34 | <20 | 24.8 | <5 | 494 | 65.5 |
| 2218 | 5025 | 10/07/2020 | 0.89 | <20 | 27.5 | <5 | 286 | 32.7 |
| 2311 | 8933 | 10/11/2020 | <0.5 | <20 | 7.3 | <5 | 24.1 | 25.9 |
| 2315 | 5019 | 10/07/2020 | <0.5 | <20 | 14 | <5 | 55 | 26.2 |
| 2315 | 5019 | 10/07/2020 | <0.5 | <20 | 14 | <5 | 55 | 26.2 |
| 2422 | 5774 | 05/08/2020 | <0.5 | <20 | 10.2 | <5 | 26.8 | 55.7 |
| 2512 | 8936 | 10/11/2020 | <0.5 | <20 | 531 | 5.9 | <20 | 1096 |
| 2513 | 5778 | 05/08/2020 | <0.5 | <20 | 166 | <5 | <20 | 766 |
| 2718 | 4979 | 09/07/2020 | <0.5 | <20 | 112 | <5 | 172 | 356 |
| 2718 | 8092 | 16/10/2020 | <0.5 | <20 | 130 | <5 | 190 | 127 |
| 2721 | 4976 | 09/07/2020 | <0.05 | <20 | 91.7 | <5 | 28.1 | 308 |
| 2721 | 8095 | 16/10/2020 | <0.5 | <20 | 105 | <5 | 41.1 | 168 |
| 2801 | 5558 | 29/07/2020 | <0.5 | <20 | 11.2 | <5 | 58.5 | 110 |
| 2802 | 5559 | 29/07/2020 | <0.5 | <20 | 17.6 | <5 | 70.1 | 116 |
| 2802 | 8096 | 16/10/2020 | <0.5 | <20 | 36.2 | <5 | 67.6 | 94 |
| 3203 | 8055 | 15/10/2020 | <0.5 | <20 | 12 | <5 | 21.8 | 123 |
| 3205 | 5220 | 16/07/2020 | <0.5 | <20 | 74.8 | <5 | 20.9 | 212 |
| 3205 | 8100 | 16/10/2020 | <0.5 | <20 | 131 | <5 | 49.3 | 213 |
| 3244 | 5021 | 10/07/2020 | <0.5 | <20 | 5.2 | <5 | 37.8 | 47 |
| 3244 | 8932 | 10/11/2020 | <0.5 | <20 | 8.7 | <5 | 70.3 | 90.2 |
| 2211 | 6349 | 12/08/2021 | 0.65 | <20 | 13.7 | <5 | 238 | 73.9 |
| 2211 | 8588 | 22/10/2021 | 0.61 | <20 | 11.9 | <5 | 222 | 46.3 |

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|------|-------|------------|------|-----|------|-----|------|------|
| 2216 | 4452 | 10/06/2021 | 0.92 | <20 | 9.9 | <5 | 372 | 32.3 |
| 2218 | 4453 | 10/06/2021 | <0.5 | <20 | 8.6 | <5 | 164 | 23 |
| 2311 | 3133 | 29/04/2021 | <0.5 | <20 | <5 | <5 | <20 | <20 |
| 2311 | 6351 | 12/08/2021 | <0.5 | <20 | <5 | <5 | 23.2 | 29.7 |
| 2311 | 8590 | 22/10/2021 | <0.5 | <20 | 6.5 | <5 | 23.4 | 25.8 |
| 2315 | 4471 | 11/06/2021 | <0.5 | <20 | <5 | <5 | 22.3 | <20 |
| 2422 | 4648 | 17/06/2021 | <0.5 | <20 | 6.9 | <5 | <20 | <20 |
| 2511 | 4463 | 11/06/2021 | <0.5 | <20 | 70.9 | <5 | <20 | 165 |
| 2512 | 3522 | 12/05/2021 | <0.5 | <20 | 169 | <5 | <20 | 484 |
| 2512 | 6568 | 19/08/2021 | <0.5 | <20 | 73.2 | <5 | <20 | 297 |
| 2513 | 4462 | 11/06/2021 | <0.5 | <20 | 337 | <5 | <20 | 756 |
| 2718 | 2479 | 14/04/2021 | 0.5 | <20 | 190 | <5 | 244 | 66.4 |
| 2718 | 6344 | 12/08/2021 | <0.5 | <20 | 35.6 | <5 | 175 | 319 |
| 2720 | 4681 | 18/06/2021 | 0.66 | <20 | 593 | <5 | 408 | 208 |
| 2721 | 2483 | 14/04/2021 | <0.5 | <20 | 110 | <5 | 39.3 | 88.5 |
| 2721 | 6523 | 18/08/2021 | <0.5 | <20 | 109 | 5.4 | 23.7 | 386 |
| 2801 | 2481 | 14/04/2021 | <0.5 | <20 | 7.6 | <5 | 50.6 | <20 |
| 2801 | 5767 | 23/07/2021 | <0.5 | <20 | 5.5 | <5 | 35.6 | 31.6 |
| 2801 | 8553 | 21/10/2021 | <0.5 | <20 | 41.9 | <5 | 60.9 | 269 |
| 2802 | 2482 | 14/04/2021 | <0.5 | <20 | 10.9 | <5 | 58.6 | 23.3 |
| 2802 | 6516 | 18/08/2021 | <0.5 | <20 | 7.3 | <5 | 49.5 | 230 |
| 3201 | 9429 | 18/11/2021 | <0.5 | <20 | 16.3 | <5 | <20 | 106 |
| 3203 | 2248 | 08/04/2021 | <0.5 | <20 | 16.8 | <5 | <20 | 75 |
| 3203 | 5768 | 23/07/2021 | <0.5 | <20 | 7 | <5 | <20 | 42.3 |
| 3203 | 8910 | 03/11/2021 | <0.5 | <20 | 28.9 | <5 | 30.5 | 89.3 |
| 3205 | 6521 | 18/08/2021 | <0.5 | <20 | 10.3 | <5 | <20 | 297 |
| 3244 | 6352 | 12/08/2021 | <0.5 | <20 | <5 | <5 | 23.7 | 33.1 |
| 2211 | 2507 | 25/03/2022 | 0.64 | <20 | 7.3 | <5 | 218 | <20 |
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| 2211 | 10777 | 30/11/2022 | 0.56 | <20 | 12.7 | <5 | 195 | 30.9 |

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| 2216 | 657 | 20/01/2022 | 0.91 | <20 | 19.3 | <5 | 364 | 27.9 |
| 2216 | 7068 | 04/08/2022 | 1.29 | <20 | 26 | <5 | 495 | 95.3 |
| 2218 | 659 | 20/01/2022 | 0.57 | <20 | 23.0 | <5 | 185 | <20 |
| 2218 | 7069 | 04/08/2022 | 0.89 | <20 | 30.2 | <5 | 319 | 53.3 |
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| 2315 | 7124 | 05/08/2022 | <0.5 | <20 | 6.5 | <5 | 46 | 27.3 |
| 2422 | 843 | 27/01/2022 | <0.5 | <20 | 14.3 | <5 | 28.6 | <20 |
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| 2718 | 349 | 13/01/2022 | 0.51 | <20 | 98.4 | <5 | 188 | 69.3 |
| 2718 | 5805 | 07/07/2022 | <0.5 | <20 | 20.2 | <5 | 137 | 82.5 |
| 2720 | 356 | 13/01/2022 | 0.78 | <20 | 225 | <5 | 319 | 149 |
| 2720 | 5806 | 07/07/2022 | 0.59 | <20 | 616 | <5 | 469 | 305 |
| 2721 | 307 | 12/01/2022 | <0.5 | <20 | 61.9 | <5 | 93.0 | 97.7 |
| 2721 | 5807 | 07/07/2022 | <0.5 | <20 | 46.5 | <5 | 31.7 | 160 |
| 2801 | 305 | 12/01/2022 | <0.5 | <20 | 16.5 | <5 | 53.2 | 56.7 |
| 2801 | 3265 | 20/04/2022 | <0.5 | <20 | 5.5 | <5 | 44.9 | 22 |
| 2801 | 7119 | 05/08/2022 | <0.5 | <20 | <5 | <5 | 39.4 | 49.1 |
| 2801 | 10249 | 10/11/2022 | <0.5 | <20 | 24.6 | <5 | 61.8 | 89.4 |
| 2802 | 306 | 12//01/22 | <0.5 | <20 | 23.8 | <5 | 63.1 | 60.8 |
| 2802 | 7118 | 05/08/2022 | <0.5 | <20 | <5 | <5 | 44.7 | 74 |

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| 3203 | 986 | 02/02/2022 | <0.5 | <20 | 20.0 | <5 | <20 | 79.1 |
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| 3205 | 308 | 12/01/2022 | <0.5 | <20 | 136 | <5 | 62.2 | 114 |
| 3205 | 5808 | 07/07/2022 | <0.5 | <20 | 58.4 | <5 | 22.9 | 880 |
| 3244 | 661 | 20/01/2022 | <0.5 | <20 | 6.7 | <5 | 74.1 | 40.1 |
| 3244 | 7070 | 04/08/2022 | <0.5 | <20 | <5 | <5 | 38.4 | 40.6 |
| 2211 | 412 | 13/01/2023 | 0.54 | <20 | 11.3 | <5 | 200 | 32.8 |
| 2211 | 5537 | 13/07/2023 | 0.98 | <20 | 9.4 | <5 | 359 | 67.6 |
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| 2216 | 410 | 13/01/2023 | 0.90 | <20 | 22.4 | <5 | 317 | 41.7 |
| 2216 | 5765 | 19/07/2023 | 1.07 | <20 | 22.3 | <5 | 407 | 65.4 |
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| 2311 | 5536 | 13/07/2023 | <0.5 | <20 | <5 | <5 | 23.5 | <20 |
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| 2513 | 5757 | 19/07/2023 | <0.5 | <20 | 123 | <5 | <20 | 645 |
| 2718 | 880 | 01/02/2023 | 0.55 | <20 | 118 | <5 | 222 | 86.7 |
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| 2720 | 878 | 01/02/2023 | 0.88 | <20 | 326 | <5 | 376 | 143 |
| 2720 | 5566 | 14/07/2023 | 0.51 | <20 | 549 | <5 | 419 | 317 |

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| 2721 | 877 | 01/02/2023 | <0.5 | <20 | 88.6 | <5 | 43.1 | 74.5 |
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| 2801 | 6040 | 28/07/2023 | <0.5 | <20 | 26.6 | <5 | 58.1 | 181 |
| 2801 | 8504 | 13/10/2023 | <0.5 | <20 | 48.3 | <5 | 59.0 | 281 |
| 2802 | 885 | 01/02/2023 | <0.5 | <20 | 28.0 | <5 | 71.9 | 49.0 |
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| 3203 | 755 | 26/01/2023 | <0.5 | <20 | 33.1 | <5 | 32.2 | 111 |
| 3203 | 2956 | 21/04/2023 | <0.5 | <20 | 21.7 | <5 | 22.2 | 89.0 |
| 3203 | 6347 | 09/08/2023 | <0.5 | <20 | 15.9 | <5 | <20 | 163 |
| 3203 | 8511 | 13/10/2023 | <0.5 | <20 | 21.1 | <5 | 20.1 | 250 |
| 3205 | 886 | 01/02/2023 | <0.5 | <20 | 153 | <5 | 60.8 | 155 |
| 3205 | 4442 | 16/06/2023 | <0.5 | <20 | 26.1 | <5 | 24.1 | 317 |
| 3244 | 414 | 13/01/2023 | <0.5 | <20 | 9.1 | <5 | 90.4 | 61.0 |
| 3244 | 5764 | 19/06/2023 | <0.5 | <20 | <5 | <5 | 39.7 | 61.4 |