

March 31, 2025

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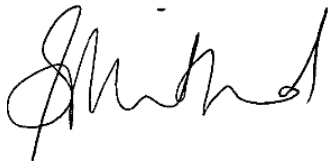
via email to tyree@mvlwb.ca

Jackfish Power Generation Facility – 2024 Annual Water Licence Report – MV2019L1-0001

The Northwest Territories Power Corporation (NTPC) submits to the Makenzie Valley Land and Water Board the 2024 Annual Water Licence Report for the Jackfish Power Generation Facility. Tabular summaries of all SNP data in excel format are provided as an attachment.

Should any questions, or if additional information is required, please do not hesitate to contact me.

Sincerely,



Belinda Whitford, CPA
Chief Operating Officer
Northwest Territories Power Corporation

CC Nahum Lee
Dean Hendrickson
Scott Falshaw



2024 Water Licence Annual Report

Northwest Territories Power Corporation
Jackfish Power Generation Facility

Water Licence No. MV2019L1-0001

SUBMITTED TO:
MACKENZIE VALLEY LAND AND WATER BOARD

MARCH 2025



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LIST OF ABBREVIATIONS

AEMP	Aquatic Effects Monitoring Program
CRP	Closure and Reclamation Plan
ECC	GNWT Department of Environment and Climate Change
GNWT	Government of Northwest Territories
MVLWB	Mackenzie Valley Land and Water Board
NTPC	Northwest Territories Power Corporation
SNP	Surveillance Network Program

TABLE OF CONCORDANCE

The following table tracks non-compliances in 2024 for Water Licence W2024L4-0001 and how they were addressed.

Condition	2024 Requirement or Board Directive	Status
Missing Plans	OMS Manual	NTPC submitted the OMS Manual to the MVLWB on February 26, 2021. Initially, this updated version was meant to incorporate the updated monitoring equipment. Given that the equipment is not fully installed and/or commissioned, NTPC is required to submit an updated OMS Manual with the updated equipment included. NTPC expects to provide an updated OMS Manual in 2025. Additional information on the equipment delays can be found in Section 5.
Missing Reports	2024 SNP reports	The tabular summaries of all SNP data for 2024 are provided with the Annual Report.

CONFORMITY TABLE

The following table shows conformity with Schedule 1 of the Water Licence.

Water Licence MV2019L1-0001 Annual Report Requirements	Section in this Report
1. a) A brief summary of Project activities.	2
1. b) The monthly and annual quantities in cubic metres of fresh Water obtained from all sources and thermal data from intake and Discharge data loggers, as required in Part B, condition 14 and Part C, condition 1 of this Licence.	4
1. c) A summary of the calibration and status of the meters and devices referred to in Part B, condition 14 of this Licence.	5
1. d) A summary of engagement activities conducted in accordance with the approved Engagement Plan, referred to in Part B, condition 17 of this Licence.	6
1. e) A summary of modification activities conducted in accordance with Part D of this Licence.	7
1. f) A summary of major maintenance activities conducted in accordance with this Licence.	7
1. g) A summary of activities conducted in accordance with the approved Waste Management Plan, referred to in Part E, condition 2 of this Licence, including: i. A summary of approved updates or changes to the process or facilities required for the management of Waste; ii. A summary of approved updates or changes to the process or facilities required for the management of Waste	8.1
1. h) A summary of monitoring results and any Action Level exceedances as per the approved AEMP, required in Part F, condition 7 of this Licence	9
1. i) A summary of activities conducted in accordance with the approved Spill Contingency Plan, required in Part G, condition 2 of this Licence, including: i. A list and description for all Unauthorized Discharges, including the date, NWT spill number, volume, location, summary of the circumstances and follow-up actions taken, and status (i.e. open or closed), in accordance with the reporting requirements in Part G, condition 4 of this Licence; and ii. An outline of any spill training carried out.	10
1. j) A summary of any Closure and Reclamation work completed	8.2

Water Licence MV2019L1-0001 Annual Report Requirements	Section in this Report
1. k) Tabular summaries of all data and information generated under the monthly SNP annexed to this Licence, in Excel format	Provided in Excel format as an attachment to the 2024 Annual Report
1. l) A list of any non-compliance(s) with the conditions of this Licence or any directive from the Board pursuant to the conditions of this Licence	Table of Concordance
1. m) A summary of actions taken to address concerns, non-conformances, or deficiencies in any reports filed by an Inspector	11
1. n) Any other details requested by the Board by November 1 of the year being reported.	12

1 INTRODUCTION

This 2024 Water Licence Annual Report has been prepared for submission by Northwest Territories Power Corporation (NTPC) to the Mackenzie Valley Land and Water Board (MVLWB) as part of the requirements of Type A Water Licence MV2019L1-0001, Part B, Condition 15, and Schedule 1 (the Water Licence), reporting of operations between January 1 and December 31, 2024. The Water Licence regulates the use of water and the deposit of waste for industrial activities at the Jackfish Hydroelectric Power Generation Facility (Jackfish Facility), including withdrawal of water for the cooling of the power generators, depositing of waste, and progressive reclamation and associated closure and reclamation activities. The Water Licence became effective on October 18, 2019, and will expire on October 17, 2044.

NTPC operates the Jackfish Facility on Jackfish Lake, near Yellowknife, Northwest Territories. The facility is a diesel-operated electricity generation station, and through the Water Licence, NTPC uses water from Jackfish Lake to cool the facility generators.

Four water intakes exit on Jackfish Lake (two intakes for the K-Plant and one each for the EMD Plant and the CAT Plant). After the water is used for cooling, it is returned to Jackfish Lake via three discharges. With drought conditions continuing in 2024 in the Snare hydro system, NTPC operated the Jackfish Facility for standby and continuous power during the 2024 calendar year.

An overview of the Jackfish Facility location is provided in Figure 1-1, and Figure 1-2 shows an aerial view of the facility.



Figure 1-1 Jackfish Hydroelectric Power Generation Facility



Figure 1-2 Jackfish Lake Generating Station

2 PROJECT ACTIVITIES

Regular maintenance was completed on all of the diesel units at site to ensure higher generation capabilities in the winter 2024 due to the low water levels in the Snare and Yellowknife River Basin in 2024.

3 SURVEILLANCE NETWORK PROGRAM

Tabulated SNP temperature data and laboratory results are in Excel format (.xlsx file) submitted with this report.

3.1 Groundwater

Groundwater samples were collected at SNP Stations JF01-06 and MW2 on July 17 and 23, 2024. The samples were shipped to ALS Environmental in Edmonton, AB, for laboratory analysis. ALS is accredited by the Canadian Association for Laboratory Accreditation (member number 1352). Results are included in Appendix A.

4 WATER USAGE RECORDS

In situ water temperature (°C) data are continuously recorded by electronic data loggers at 15-minute intervals at the following locations at the Jackfish Facility:

- K-Plant intake 1 – SNP Station 00-1a
- K-Plant intake 2 – SNP Station 00-1b
- EMD Plant intake – SNP Station 00-1c
- CAT Plant intake – SNP Station 00-1d
- K-Plant discharge – SNP Station 00-2a
- EMD Plant discharge – SNP Station 00-2b
- CAT Plant discharge – SNP Station 00-2c

The mean daily water temperature records for the intakes and discharge from the K-Plant, CAT Plant and EMD Plant are presented in Figure 4-1, Figure 4-2, and Figure 4-3, respectively. The in-plant data logger for the CAT Plant was offline from 09:45 November 8, 2024, to 16:15 November 14, 2024. Temperature data from the K plant was used to infill the missing temperature data, and CAT Plant flow averages from November 16 to 22 were used to infill the water usage data. Generators in the CAT Plant did not run during this period.

Tabulated data of the mean daily water temperature are in Excel format (.xlsx file) with this report. The monthly and annual water use by the Jackfish Facility are summarized in Table 4-1. Per Condition C.1 of the Water Licence, the daily water use did not exceed 50,000 m³/day during 2024.

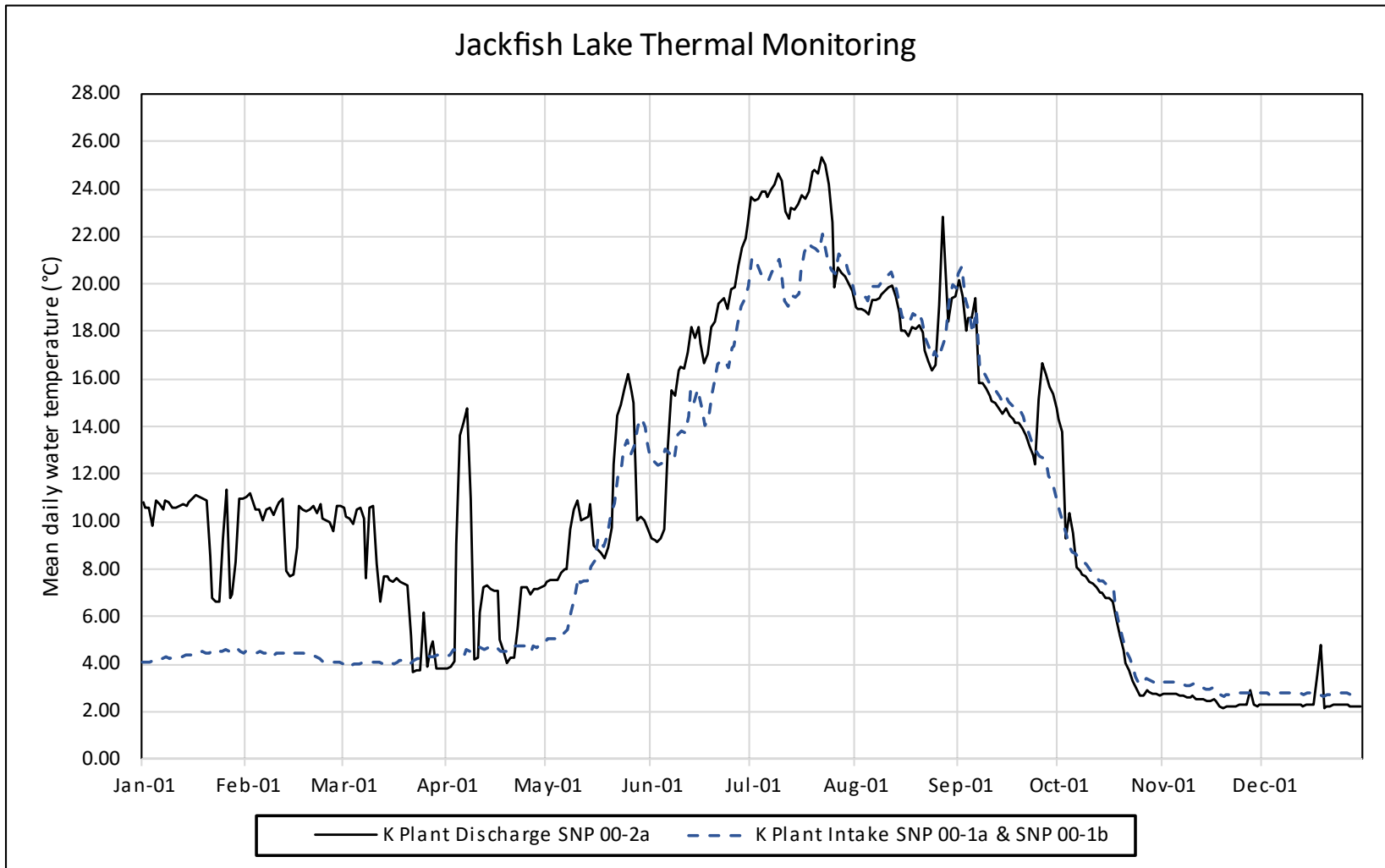


Figure 4-1 Mean Daily Water Temperature Recorded at the SNP Stations Associated with the K-Plant in 2024

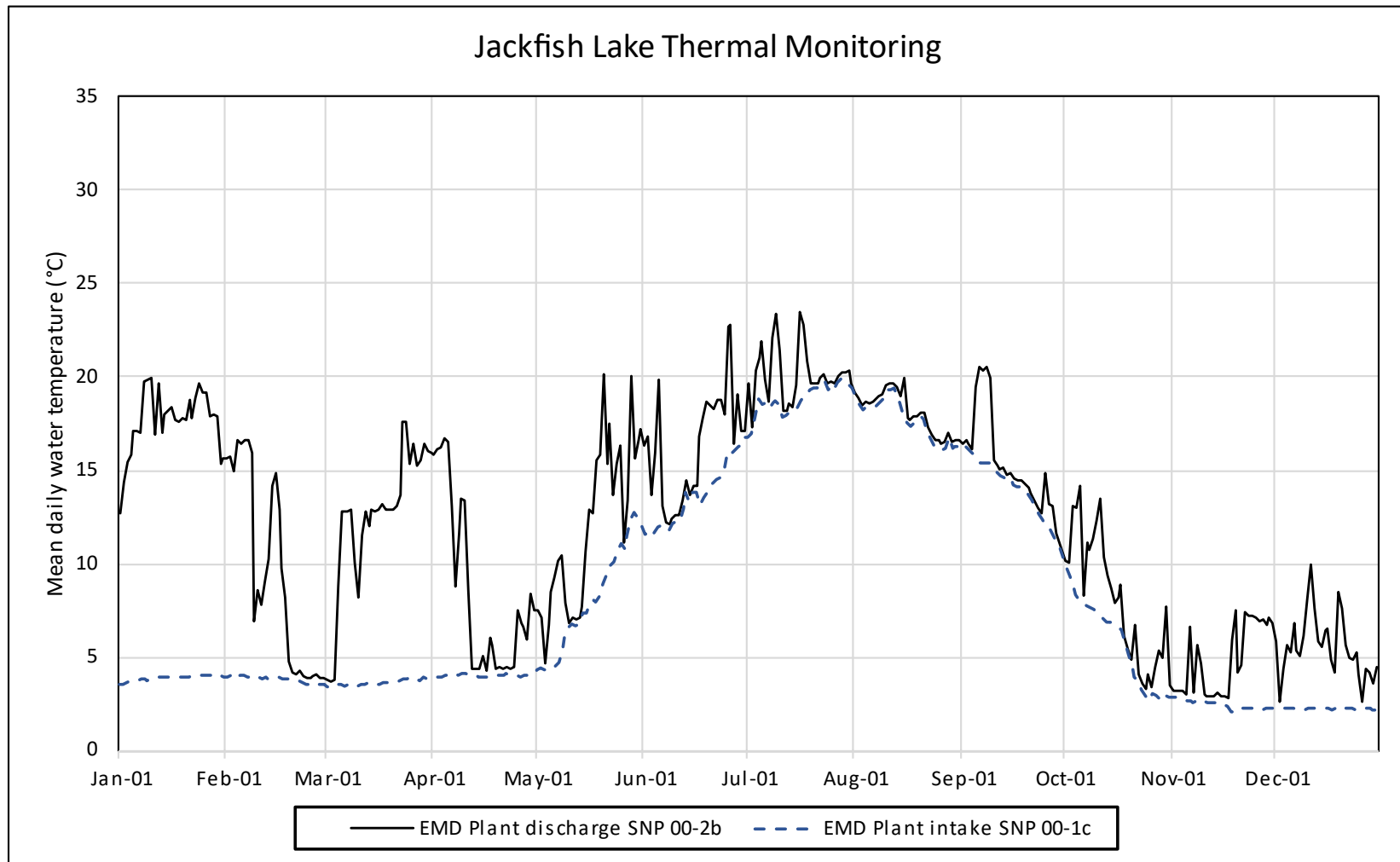


Figure 4-2 Mean Daily Water Temperatures Recorded at the SNP Stations Associated with the EMD Plant in 2024

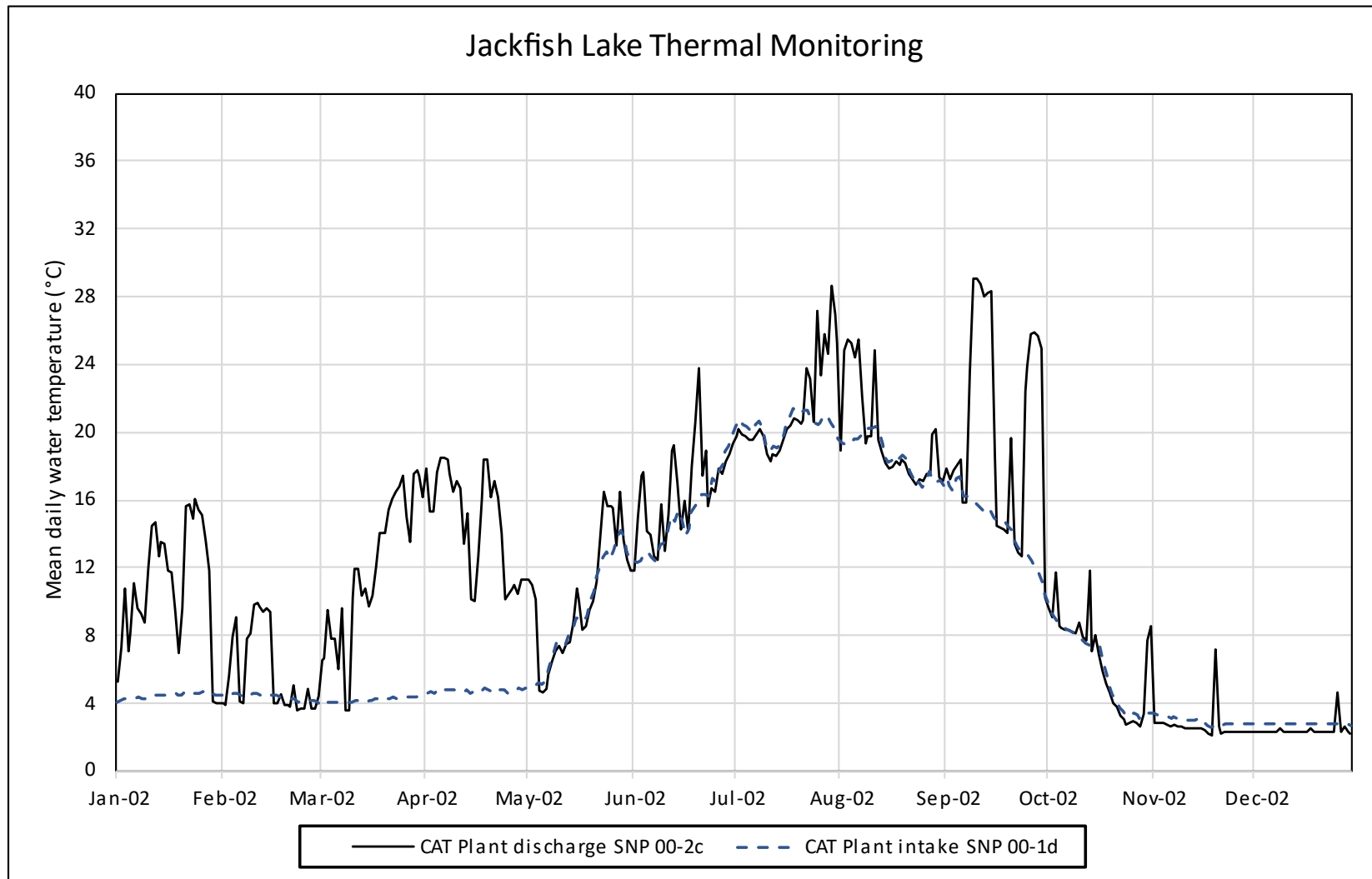


Figure 4-3 Mean Daily Water Temperatures Recorded at the SNP Stations Associated with the CAT Plant in 2024

Table 4-1 2024 Monthly and Annual Water Use at the Jackfish Facility

Month	Daily Mean (m ³)	Monthly Total (m ³)
January	22,406	694,591
February	23,406	655,376
March	21,487	666,111
April	19,534	586,027
May	19,404	601,519
June	19,469	584,061
July	26,799	830,763
August	20,746	643,115
September	21,733	651,983
October	23,035	714,080
November	22,883	686,492
December	22,531	698,464
Annual Total		8,012,582

5 CALIBRATION AND STATUS OF METERS AND DEVICES

NTPC initiated automatic flow and temperature monitoring in 2022 for the raw water-cooling systems at the Jackfish Facility. As a result of power supply interruptions to the data logger, there were several data gaps in 2022. To mitigate this issue, in 2023, NTPC started transferring the data logger power supply to uninterruptable power supply-protected circuits, eliminating the need to calibrate the meters. In 2024, the data logger power supply transfer was completed for the K-Plant and EMD Plant; however, the CAT Plant remains outstanding and will be completed as part of a capital project 2025.

6 ENGAGEMENT

As required by the approved Engagement Plan, (Part B, condition 17 of the Licence), NTPC openly engages with potentially affected water users and the public regarding the North Slave electrical system by providing information as required and about:

- Electricity generation, transmission, and distribution on the NTPC website (www.ntpc.com)
- Power outages, safety, employment opportunities, community investments, and other matters through:
 - Facebook (<https://www.facebook.com/NTPC-Northwest-Territories-Power-Corporation591764887576712/>)
 - Twitter (https://twitter.com/ntpc_news)
- News releases about significant issues
- NTPC staff attendance at trade shows, conferences, and job fairs to engage directly with members of the public
- Paid advertising

No updates were made to the Engagement Plan in 2024. Engagement activities completed in 2024 are summarized in Table 6-1.

Table 6-1 Stakeholder Engagement Activities for 2024

Date	Organization	Engagement Details
2024-07-02	North Slave Métis Alliance	In person meeting to discuss NTPC's operations and Aquatic Impacts to Jackfish Lake.
2024-07-02	North Slave Métis Alliance	Email from NSMA providing credentials for technical partners regarding upcoming NTPC competitive bidding process.
2024-07-03	North Slave Métis Alliance	Follow-up email from NTPC from a community engagement session. Providing requested materials from meeting: - Jackfish Power Generation Facility- Aquatic Monitoring Report (2018) - Jackfish Thermal Plume Delineation Study
2024-07-05	North Slave Métis Alliance	Invoice to NTPC for Honoraria.
2024-07-18	North Slave Métis Alliance	Email from NTPC seeking technical support to complete field monitoring requirements for Jackfish Groundwater Monitoring Program.
2024-07-22	North Slave Métis Alliance	Phone call and follow-up email from NTPC regarding upcoming contract opportunity to support Aquatic Effects Monitoring in Jackfish Lake.
2024-08-19	City of Yellowknife	Phone call from NTPC to the City to discuss historic disposal of "Jacket-water" waste at City of Yellowknife Waste Disposal facility and

Date	Organization	Engagement Details
		discuss recommendations for future disposal. E-mail follow-up to phone conversation to provide more information on product requiring disposal.
2024-08-19	City of Yellowknife	NTPC sent a correction to previous email regarding Water Licence authorization number for Jackfish power Plant. Sending Operations, Maintenance and Surveillance Manual for Jackfish Facility, to provide more context on the use of the "jacket-water".
2024-08-20	City of Yellowknife	Confirmation of receipt received. City requesting past communications records between NTPC and City of Yellowknife authorizing the disposal of Nalcool at Waste Facilities. Requesting if Water Licence Inspectors have provided direction on the matter.
2024-08-26	City of Yellowknife	Recommendation received that City of Yellowknife Facilities would not be suitable for disposal of "Jacket-water" waste due to presence of materials with "unknown acute toxicity with potential for long-term adverse effects in the aquatic environment". Recommended to contact Kavanaugh to discuss final disposal options.

7 MODIFICATIONS AND MAJOR MAINTENANCE

As a result of two coolant leaks at the Jackfish facility in 2024, NTPC undertook a heat exchanger refurbishment program in 2024. The heat exchangers were sent out, tested and refurbished. This is a short term remedy. NTPC also added a heat exchanger replacement project to its 5 year capital plan as a longer term action to mitigate against future leaks. This project is expected to be complete by 2027.

NTPC initiated the installation of a Caterpillar G16 generator to the Jackfish Facility in 2023 to further support the reliability of the Snare system. This project continued throughout 2024 and is expected to be commissioned in 2025.

8 MANAGEMENT PLAN REVISIONS

8.1 Waste Management

No updates or changes to the process or facilities occurred in 2024 that required waste management as outlined in the approved Waste Management Plan (Part E, Condition 2 of the Licence).

On February 27, 2024, 13 NTPC staff members received waste management training. On June 18, 2024, seven NTPC staff members received waste management training.

8.2 Closure and Reclamation

No updates or changes to the Interim Closure and Reclamation Plan V1.1 (CRP) were made in 2024.

9 AEMP MONITORING RESULTS

The approved timeline for the AEMP is as follows:

- May 31, 2021: Thermal Plume Delineation Study Design
- February 28, 2023: Thermal Plume Delineation Study Report
- February 26, 2024: AEMP Design Plan (incorporates results from the Thermal Plume Delineation Study)
- May 2, 2024: Approval of Version 1.1 of the AEMP Design Plan
- June 1, 2025: AEMP Annual Report

9.1 AEMP Design Plan

Based on the results of the thermal plume delineation study¹, NTPC developed the AEMP Design Plan with an adaptive management approach based on temperature values for initiation and further monitoring of water quality and biological components. Version 1.0 of the AEMP Design Plan was submitted to MVLWB on July 31, 2023².

On December 21, 2023, the MVLWB and GNWT-ECC provided feedback on the submission and determined that NTPC was to submit Version 1.1 of the AEMP Design Plan and address the feedback by January 26, 2024^{3,4}. Due to the commissioning for the Taltson Overhaul Project and staff allocation needs, NTPC requested an extension for the resubmission of the revised AEMP Design Plan V1.1 from January 26, 2024, to February 26, 2024⁵. MVLWB approved and granted the request.⁶ The Revised AEMP Design Plan V1.1 was submitted on February 26, 2024.⁷ GNWT-ECC reviewed the AEMP Design Plan V1.1 on March 26, 2024, and had no comments or recommendations.⁸ MVLWB approved the AEMP design plan on May 2, 2024⁹.

¹ WSP. 2023. Thermal Plume Delineation Study. https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20Thermal%20Plume%20Delineation%20Study%20-%20V1.1%20-%20Jun27_23.pdf

² NTPC. 2024. Jackfish Lake AEMP Design Plan https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%202023%20AEMP%20Design%20Plan%20-%20Jul31_23.pdf

³ MVLWB. 2023. AEMP Version 1.0 Revisions Required – AEMP Design Plan V1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20E2%80%93%20Revisions%20Required%20-%20AEMP%20Design%20Plan%20V1%20-%20Dec%2021_23.pdf

⁴ GNWT-ECC. 2023. Review Comment Table 2023 AEMP Design Plan V1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20E2%80%93%202023%20AEMP%20Design%20Plan%20V1%20-%20Review%20Comment%20Table%20-%20Dec%2021_23.pdf

⁵ NTPC. 2024. Jackfish – Revised AEMP Design Plan V1.1 Request to Defer https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20Extension%20Request%20Jackfish%202023%20AEMP%20Revisions%20-%20Jan16_23.pdf

⁶ MVLWB. 2024. Extension Approval for Revised AEMP Design Plan V1.1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20Approval%20-%20Submission%20Extension%20-%20AEMP%20Design%20Plan%20v2%20-%20Jan%2026_24.pdf

⁷ NTPC. 2024. Jackfish AEMP Design Plan V1.1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20AEMP%20Design%20Plan%20V1.1%20-%20Feb%2026_24-.pdf

⁸ GNWT-ECC. 2024. Environment and Climate Change's Review of the NTPC's AEMP Design Plan V1.1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20E2%80%93%20Jackfish%20-%20E2%80%93%20AEMP%20Design%20Plan%20-%20E2%80%93%20V1.1%20-%20Review%20Summery%20Table%20-%20May2_24.pdf

⁹ MVLWB. 2024. Approval of Revised AEMP Design Plan V1.1 https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20E2%80%93%20Jackfish%20-%20E2%80%93%20Approval%20-%20AEMP%20Design%20Plan%20-%20E2%80%93%20V1.1%20-%20May2_24.pdf

9.2 AEMP Report

A summary of monitoring results and any action level exceedances as per the approved AEMP, required in Part F, Condition 7 of this Licence, will be provided after the first AEMP report is submitted to MVLWB in 2025.

10.1 Spill Training Exercises

All new employees received training for the Spill Response Plan, spill response training, an introduction to the Hazardous Waste Management Plan, and the environmental management system. Training requirements are reviewed and renewed every three years. Spill procedures and contact numbers are posted in the plant control room, and spill kits are outside each facility and at key locations throughout the site.

Spill training is mandatory and is completed by all employees. The spill training is approximately 1.5 hours and covers the following topics:

- Facility site specifics
- Health and Safety
- Spill response
- General cleanup

On February 27, 2024, 12 NTPC staff members received spill training. On June 18, 2024, nine NTPC staff members received spill training. On July 30, 2024, six NTPC staff members received spill training.

10.2 Unauthorized Discharges

On January 19, 2024, NTPC reported a spill of 100 L of petroleum-based lubricating oil. The spill was cleaned up before the Water Licence Inspection on February 28, 2024¹⁰. The spill was the result of a mechanical failure in the two-part catchment system for a crankcase vent fan. The system is designed to catch any liquids that may come through the system. To mitigate against this happening in the future, repairs to the system were made and the damage barrel removed. NTPC debriefed staff about incident and educated staff on the proper methodology of removing any ice buildup. Work to clean up the spill was completed on January 24, 2024. The official Spill Report-Follow-up was submitted to the MVLWB and Inspector on April 11, 2024.

On January 25, 2024, NTPC reported that 500 L of a mixture (95% water and 5% Penncool 3000) bled into the raw water circulating pipe into Jackfish Lake; this was caused by a perforation in one of the JF-G4 heat exchanger tubes, resulting from factors such as corrosion, age, wear and operation at a higher frequency. To mitigate the potential for this to happen in the future, NTPC proposed daily inspections of the heat exchanger units during sustained operation and weekly inspections during periods of normal operation. The heat exchangers were also sent out for cleaning. The official Spill Report was submitted to MVLWB on January 26, 2025, and the official Spill Report-Follow-up was submitted to the MVLWB and Inspector on February 9, 2024.^{11,12}

¹⁰ Inspection Report is not available on the public registry

¹¹ NTPC. 2024. Spill Report https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Spill%20Report%20-%20Jan26_24.pdf

¹² NTPC. 2024. Spill Report - Follow up <https://lwb-registry-867.s3.ca-central-1.amazonaws.com/Documents/MV2019L1-0001/NTPC%20-%20Jackfish%20-%20Spill%20Report%20%E2%80%93%20Follow%20up%20-%20Feb%2024.pdf>

On April 23, 2024, NTPC reported a spill of 20 L of petroleum. The spill was caused by a fitting leak in a pipe and contaminated an area of 1 m².¹³ After touring the spill site with a GNWT ECC inspector and further investigation, it was determined that the spill was likely much greater in volume than originally estimated, approximately 750L, and that further cleanup efforts would be required by NTPC at the spill site. NTPC removed 5 m³ of impacted soil and snow from the affected area. NTPC will continue to monitor the groundwater monitoring system on site to ensure there is no migration of impacted material moving towards the lake. The official spill report and follow up letter sent to Environment and Climate Change Canada is attached in Appendix B.

On June 10, 2024, NTPC reported a spill of 474 L of an unknown substance¹⁴. This spill was subsequently identified as having been contained in the plant and did not reach the lake. The root cause and mitigation actions were determined to be the same as those from the January 25, 2024 discharge.

11 WATER LICENCE INSPECTION

The inspection for the Jackfish facility was completed on February 28, 2024, by GNWT – ECC Water Resource Officer Meaghan MacIntyre-Newell. The Inspector noted that NTPC failed to provide a detailed Spill Report to the MVLWB and the Inspector of the spill that occurred on January 19, 2024. The Inspector ordered a detailed report to fulfill the requirements of Part G, Condition 2(d) before 1500 hours MST on March 29, 2024. The spill report follow up was provided to the MVLWB and Inspector on April 11, 2024.

The Inspector also noted that the daily inspection logs for the heat exchanger unit were unavailable during the inspection, despite NTPC's commitment to record inspections as a follow-up action to the January 25, 2024, spill described in Section 10.2. NTPC noted that the inspections were completed but not recorded. The Inspector requested a copy of the inspection records no later than 1500 hours MST on March 29, 2024. The inspection records could not be provided to the Inspector within this time frame and will be provided in 2025.

12 OTHER BOARD REQUESTS

There were no other requests from the MVLWB relating to operating procedures before November 1, 2024.

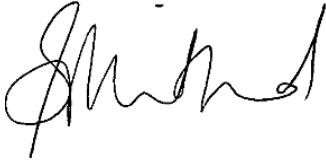
¹³ NTPC. 2024. Spill Report

¹⁴ NTPC. 2024. Spill Report. <https://www.gov.nt.ca/ecc/en/spill/spill-2024220>

CLOSURE

This 2024 Annual Report for the Jackfish Power Generation Facility was prepared for Northwest Territories Power Corporation to meet the requirements of Water Licence No. MV2019L1-0001.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Belinda Whitford', written in a cursive style.

Belinda Whitford, CPA
Chief Operating Officer
Northwest Territories Power Corporation

APPENDIX A – GROUNDWATER MONITORING REPORT

APPENDIX B – RELEASE REPORT FOR SPILL 2024-117

Table A-1 Surveillance Network Program Water Temperature Monitoring Data for the Jackfish Facility

Date	K Plant Intake (°C) SNP Stations 00-1a & 00-1b	EMD Plant Intake (°C) SNP Station 00-1c	CAT Plant Intake (°C) SNP Station 00-1d	K Plant Discharge (°C) SNP Station 00-2a	EMD Plant Discharge (°C) SNP Station 00-2b	CAT Plant Discharge (°C) SNP Station 00-2c
2024-01-01	4.11	3.6	4.16	10.8	12.66	3.71
2024-01-02	4.09	3.57	4.11	10.58	14.4	5.29
2024-01-03	4.1	3.67	4.21	10.58	15.47	7.25
2024-01-04	4.18	3.73	4.27	9.79	15.83	10.75
2024-01-05	4.24	3.74	4.28	10.85	17.09	7.04
2024-01-06	4.22	3.73	4.26	10.71	17.07	8.09
2024-01-07	4.24	3.81	4.3	10.49	17.04	11.12
2024-01-08	4.29	3.89	4.34	10.86	19.74	9.6
2024-01-09	4.26	3.8	4.32	10.79	19.86	9.24
2024-01-10	4.28	3.85	4.31	10.58	19.94	8.72
2024-01-11	4.3	3.87	4.35	10.6	16.87	11.96
2024-01-12	4.29	3.92	4.43	10.67	19.68	14.47
2024-01-13	4.32	3.9	4.45	10.71	16.97	14.68
2024-01-14	4.35	3.95	4.43	10.67	18.03	12.73
2024-01-15	4.35	3.94	4.46	10.79	18.18	13.52
2024-01-16	4.38	3.95	4.49	10.97	18.38	13.4
2024-01-17	4.41	3.91	4.46	11.14	17.67	11.81
2024-01-18	4.44	3.93	4.5	11.03	17.6	11.78
2024-01-19	4.51	4	4.62	10.97	17.75	9.51
2024-01-20	4.45	3.95	4.51	10.9	17.71	6.93
2024-01-21	4.45	3.95	4.49	8.53	18.82	9.65
2024-01-22	4.59	4.08	4.67	6.75	17.81	15.66
2024-01-23	4.51	4.01	4.62	6.65	18.92	15.76
2024-01-24	4.51	4.07	4.58	6.64	19.63	14.91
2024-01-25	4.53	4.07	4.63	9.33	19.14	16.02
2024-01-26	4.62	4.04	4.64	11.34	19.15	15.44
2024-01-27	4.51	4.04	4.67	6.78	17.92	15.14
2024-01-28	4.57	4.05	4.64	6.91	17.97	13.59
2024-01-29	4.66	4.12	4.64	8.34	17.87	11.83
2024-01-30	4.57	4	4.57	11	15.33	4.1
2024-01-31	4.49	3.98	4.47	10.95	15.69	4
2024-02-01	4.52	3.92	4.47	11.01	15.68	4
2024-02-02	4.55	4	4.51	11.18	15.75	4.03
2024-02-03	4.5	3.88	4.39	10.77	14.94	3.91
2024-02-04	4.5	3.95	4.45	10.53	16.62	5.58
2024-02-05	4.55	4.06	4.58	10.51	16.38	7.97
2024-02-06	4.48	4	4.54	10.08	16.58	9.1
2024-02-07	4.5	3.95	4.47	10.54	16.63	4.16
2024-02-08	4.46	3.95	4.43	10.58	15.95	3.96
2024-02-09	4.29	3.86	4.48	10.31	6.9	7.83
2024-02-10	4.44	3.9	4.51	10.65	8.6	8.12
2024-02-11	4.45	3.89	4.56	10.83	7.81	9.82
2024-02-12	4.48	3.93	4.54	10.95	9.11	9.88
2024-02-13	4.4	3.87	4.52	7.89	10.29	9.71
2024-02-14	4.36	3.9	4.51	7.69	14.2	9.43
2024-02-15	4.44	3.99	4.55	7.79	14.87	9.64
2024-02-16	4.48	3.92	4.52	8.88	12.93	9.44
2024-02-17	4.47	3.9	4.44	10.7	9.75	3.98
2024-02-18	4.44	3.89	4.43	10.51	8.25	3.98
2024-02-19	4.39	3.81	4.4	10.44	4.78	4.55
2024-02-20	4.41	3.84	4.37	10.51	4.19	3.9
2024-02-21	4.36	3.78	4.33	10.66	4.15	3.86
2024-02-22	4.3	3.72	4.29	10.37	4.27	3.82
2024-02-23	4.24	3.63	4.23	10.72	4	5.06
2024-02-24	4.11	3.52	4.07	10.14	3.88	3.6
2024-02-25	4.11	3.59	4.19	10.04	3.95	3.71
2024-02-26	4.08	3.65	4.21	9.96	4.01	3.73
2024-02-27	4.06	3.53	4.12	9.63	4.07	4.9
2024-02-28	4.1	3.54	4.14	10.63	3.89	3.66
2024-02-29	4.1	3.55	4.13	10.67	3.91	3.67
2024-03-01	4	3.45	4.01	10.59	3.81	4.42
2024-03-02	3.88	3.33	3.89	10.21	3.69	6.55
2024-03-03	3.95	3.43	4.06	10.1	3.78	6.63
2024-03-04	3.99	3.53	4.08	9.89	8.8	9.49
2024-03-05	4.02	3.52	4.07	10.52	12.8	7.84
2024-03-06	4.03	3.49	4.04	10.6	12.78	7.84
2024-03-07	4.05	3.52	4.05	10.12	12.82	6.04
2024-03-08	4.05	3.57	4.09	7.63	12.87	9.59
2024-03-09	4.09	3.51	4.05	10.57	10.07	3.6
2024-03-10	4.11	3.48	4.05	10.67	8.23	3.6
2024-03-11	4.09	3.53	4.09	8.2	11.58	10.27
2024-03-12	4.08	3.6	4.16	6.66	12.77	11.99
2024-03-13	4.04	3.65	4.13	7.66	12	11.93
2024-03-14	4.05	3.6	4.12	7.71	12.93	10.34
2024-03-15	4.05	3.52	4.11	7.56	12.79	10.72
2024-03-16	4.04	3.61	4.17	7.45	12.67	9.74
2024-03-17	4.12	3.65	4.18	7.64	13.21	10.31
2024-03-18	4.15	3.62	4.3	7.46	12.89	12.05
2024-03-19	4.14	3.65	4.23	7.37	12.86	14.05
2024-03-20	4.03	3.66	4.2	7.29	12.88	14.03
2024-03-21	4.05	3.69	4.22	5.2	13.12	14.04
2024-03-22	4.13	3.76	4.29	3.65	13.64	15.38
2024-03-23	4.26	3.85	4.33	3.77	17.64	16.11
2024-03-24	4.22	3.82	4.31	3.73	17.62	16.47
2024-03-25	4.29	3.91	4.35	6.2	15.31	16.79
2024-03-26	4.38	3.9	4.37	3.89	16.46	17.42
2024-03-27	4.3	3.85	4.34	4.73	15.3	14.98
2024-03-28	4.29	3.78	4.33	4.96	15.51	13.53
2024-03-29	4.36	3.91	4.42	3.85	16.45	17.58
2024-03-30	4.29	3.88	4.41	3.8	16.07	17.71
2024-03-31	4.3	3.99	4.47	3.8	15.9	17.45
2024-04-01	4.35	3.92	4.57	3.85	15.84	16.13
2024-04-02	4.42	3.97	4.61	3.91	16.18	17.86
2024-04-03	4.61	3.99	4.71	4.1	16.23	15.33

2024-04-04	4.54	4.05	4.62	9.09	16.76	15.36
2024-04-05	4.57	4.04	4.67	13.66	16.49	17.67
2024-04-06	4.4	4.02	4.85	14.17	13.06	18.47
2024-04-07	4.6	4.12	4.84	14.8	8.84	18.48
2024-04-08	4.51	4.06	4.85	10.98	11.62	18.35
2024-04-09	4.72	4.16	4.84	4.2	13.51	17.53
2024-04-10	4.8	4.16	4.8	4.29	13.44	16.51
2024-04-11	4.7	4.05	4.74	6.21	8.6	17.12
2024-04-12	4.59	4.01	4.65	7.25	4.35	16.67
2024-04-13	4.67	4	4.69	7.29	4.36	13.47
2024-04-14	4.6	3.99	4.75	7.14	4.35	15.19
2024-04-15	4.65	3.95	4.63	7.1	5.04	10.18
2024-04-16	4.67	3.95	4.67	7.08	4.31	10.02
2024-04-17	4.57	3.98	4.61	5.02	6.03	12.67
2024-04-18	4.54	4.03	4.72	4.6	5.71	16.05
2024-04-19	4.58	4.06	4.89	4.05	4.43	18.41
2024-04-20	4.79	4.08	4.82	4.27	4.44	18.41
2024-04-21	4.77	4.07	4.72	4.25	4.43	16.15
2024-04-22	4.8	4.16	4.9	5.56	4.52	17.07
2024-04-23	4.79	4.06	4.81	7.26	4.41	16.2
2024-04-24	4.78	4.09	4.79	7.26	4.45	14
2024-04-25	4.79	4.07	4.76	7.27	7.55	10.13
2024-04-26	4.57	3.91	4.54	6.95	6.8	10.44
2024-04-27	4.75	4.05	4.73	7.14	6.66	10.83
2024-04-28	4.71	4.01	4.74	7.14	5.99	10.99
2024-04-29	4.84	4.19	4.86	7.26	8.39	10.5
2024-04-30	4.86	4.17	4.83	7.28	7.5	11.26
2024-05-01	5.04	4.33	4.93	7.47	7.5	11.31
2024-05-02	5.09	4.41	4.93	7.54	7.09	11.27
2024-05-03	5.04	4.32	4.88	7.54	4.69	10.94
2024-05-04	5.07	4.36	5.04	7.56	6.7	10.15
2024-05-05	5.33	4.55	5.21	7.87	8.53	4.76
2024-05-06	5.3	4.56	5.15	7.99	9.29	4.69
2024-05-07	5.42	4.71	5.3	8.03	10.17	4.84
2024-05-08	6.23	5.45	6.14	9.64	10.5	5.67
2024-05-09	6.83	6.06	6.81	10.5	7.96	6.42
2024-05-10	7.63	6.54	7.52	10.88	6.87	7.03
2024-05-11	7.41	6.75	7.35	10.03	7.09	7.4
2024-05-12	7.53	6.7	7.47	10.12	7.03	6.99
2024-05-13	7.53	6.82	7.46	10.17	7.17	7.47
2024-05-14	8.1	7.36	8.04	10.73	7.71	7.56
2024-05-15	8.32	7.37	8.28	9	10.67	8.78
2024-05-16	9.35	7.97	9.06	8.81	12.87	10.79
2024-05-17	9.16	8.03	9.04	8.67	12.71	10.1
2024-05-18	8.98	7.99	8.85	8.44	15.58	8.3
2024-05-19	9.42	8.26	9.13	8.88	15.87	8.57
2024-05-20	10.29	8.97	10.08	9.76	20.17	9.52
2024-05-21	10.79	9.39	10.58	12.38	15.32	10.05
2024-05-22	11.96	9.93	11.4	14.48	17.54	11.22
2024-05-23	12.36	10.13	12	14.89	13.73	13.8
2024-05-24	13.09	10.73	12.59	15.63	15.34	16.46
2024-05-25	13.45	11.09	12.98	16.23	16.36	15.68
2024-05-26	12.83	10.8	12.55	15.49	11.15	15.61
2024-05-27	13.23	11.48	13.08	15	13.42	15.54
2024-05-28	14.04	12.39	13.83	10.06	20.03	13.34
2024-05-29	14.38	12.76	14.17	10.24	15.63	16.48
2024-05-30	14	12.42	13.83	10.02	16.6	13.63
2024-05-31	13.32	12.07	13.06	9.64	17.26	12.52
2024-06-01	12.61	11.62	12.41	9.3	16.3	11.86
2024-06-02	12.54	11.65	12.37	9.24	16.82	11.82
2024-06-03	12.34	11.49	12.27	9.17	13.72	14.97
2024-06-04	12.48	11.65	12.41	9.3	15.97	17.41
2024-06-05	13.05	11.97	12.82	9.71	19.85	17.69
2024-06-06	12.99	12.03	12.91	13.2	13.12	14.13
2024-06-07	12.8	11.91	12.67	15.5	12.22	13.99
2024-06-08	12.6	11.79	12.44	15.3	12.11	12.64
2024-06-09	13.65	12.13	13.07	16.33	12.45	12.52
2024-06-10	13.84	12.28	13.32	16.55	12.61	15.71
2024-06-11	13.75	12.31	13.5	16.46	12.64	12.96
2024-06-12	14.44	13	14.11	17.09	13.37	15.08
2024-06-13	15.48	13.8	15.11	18.17	14.43	18.91
2024-06-14	15.04	13.32	14.7	17.74	13.64	19.21
2024-06-15	15.56	13.83	15.36	18.22	14.17	17.04
2024-06-16	14.85	13.83	14.81	17.51	14.16	14.28
2024-06-17	14.02	13.17	13.88	16.67	16.85	15.96
2024-06-18	14.38	13.49	14.29	17.05	17.84	14.16
2024-06-19	15.44	13.8	15.25	18.19	18.67	17.95
2024-06-20	15.8	14.21	15.62	18.39	18.46	20.61
2024-06-21	16.61	14.44	15.86	19.15	18.24	23.62
2024-06-22	16.78	14.56	16.3	19.34	18.82	17.43
2024-06-23	16.82	14.62	16.35	19.39	18.75	18.9
2024-06-24	16.44	14.95	16.23	18.93	18.03	15.66
2024-06-25	17.34	16	17.23	19.82	22.66	16.65
2024-06-26	17.36	15.86	17.08	19.9	22.76	16.51
2024-06-27	18.33	16.08	17.85	20.8	16.39	17.9
2024-06-28	19.06	16.25	18.16	21.57	19.05	17.58
2024-06-29	19.37	16.33	18.85	21.89	17.11	18.32
2024-06-30	19.93	16.77	19.19	22.47	17.08	18.71
2024-07-01	21.12	16.8	19.76	23.66	19.65	19.32
2024-07-02	20.97	16.99	20.31	23.54	17.29	19.77
2024-07-03	20.8	17.83	20.72	23.6	20.34	20.14
2024-07-04	20.47	18.85	20.39	23.92	21.04	19.84
2024-07-05	20.36	18.5	20.3	23.9	21.89	19.74
2024-07-06	20.13	18.64	20.08	23.63	19.9	19.53
2024-07-07	20.48	18.38	20.06	23.96	18.67	19.54
2024-07-08	20.76	18.62	20.42	24.2	22.11	19.9
2024-07-09	21.02	18.69	20.64	24.63	23.39	20.13
2024-07-10	20.62	18.58	20.28	24.38	21.37	19.77

2024-07-11	19.3	17.85	19.16	23.02	18.15	18.66
2024-07-12	19.04	17.92	18.82	22.73	18.22	18.31
2024-07-13	19.55	18.18	19.23	23.22	18.6	18.72
2024-07-14	19.44	18.12	19.07	23.15	18.42	18.58
2024-07-15	19.6	18.29	19.33	23.32	19.59	18.88
2024-07-16	20.49	18.72	19.94	23.72	23.46	19.52
2024-07-17	21.36	19.05	20.5	23.57	22.79	20.2
2024-07-18	21.71	18.98	20.87	23.88	20.87	20.39
2024-07-19	21.6	19.33	21.4	24.7	19.63	20.85
2024-07-20	21.5	19.37	21.29	24.83	19.66	20.72
2024-07-21	21.35	19.37	21.07	24.65	19.67	20.52
2024-07-22	22.08	19.68	21.32	25.36	19.98	20.76
2024-07-23	21.72	19.81	21.32	25.02	20.11	23.75
2024-07-24	20.94	19.32	20.76	24.21	19.62	23.15
2024-07-25	20.61	19.49	20.56	22.57	19.78	20.57
2024-07-26	20.46	19.33	20.46	19.9	19.63	27.14
2024-07-27	21.25	19.7	20.55	20.67	20	23.36
2024-07-28	21.06	19.95	21.02	20.49	20.24	25.82
2024-07-29	20.88	19.9	20.93	20.33	20.2	24.63
2024-07-30	20.6	19.6	20.57	20.05	20.33	28.67
2024-07-31	20.22	19.38	20.27	19.68	19.68	26.95
2024-08-01	19.52	18.88	19.58	19	19.18	25.3
2024-08-02	19.53	18.57	19.43	18.97	18.87	18.88
2024-08-03	19.47	18.2	19.3	18.92	18.5	24.86
2024-08-04	19.44	18.33	19.29	18.89	18.63	25.5
2024-08-05	19.26	18.3	19.28	18.71	18.6	25.28
2024-08-06	19.92	18.37	19.59	19.35	18.67	24.45
2024-08-07	19.89	18.47	19.64	19.33	18.89	25.46
2024-08-08	19.93	18.67	19.8	19.37	18.97	22.1
2024-08-09	20.1	18.81	19.86	19.54	19.11	19.38
2024-08-10	20.26	19.28	20.19	19.69	19.58	19.72
2024-08-11	20.42	19.32	20.28	19.85	19.62	19.79
2024-08-12	20.53	19.39	20.35	19.96	19.69	24.79
2024-08-13	20.06	19.15	20.02	19.52	19.45	19.57
2024-08-14	19.34	18.65	19.31	18.79	18.94	18.86
2024-08-15	18.6	17.93	18.6	18.06	19.9	18.17
2024-08-16	18.57	17.54	18.25	18.01	17.84	17.85
2024-08-17	18.37	17.4	18.3	17.81	17.71	17.94
2024-08-18	18.74	17.54	18.6	18.18	17.86	18.29
2024-08-19	18.67	17.57	18.43	18.13	17.9	18.12
2024-08-20	18.8	17.8	18.69	18.23	18.12	18.43
2024-08-21	18.49	17.77	18.49	17.97	18.09	18.13
2024-08-22	17.71	17.03	17.7	17.18	17.35	17.5
2024-08-23	17.28	16.62	17.28	16.75	16.95	17.17
2024-08-24	16.93	16.27	16.89	16.39	16.6	16.94
2024-08-25	17.18	16.3	17.04	16.62	16.63	17.27
2024-08-26	16.83	16.06	16.75	19.09	16.39	17.14
2024-08-27	17.35	16.2	17.04	22.82	16.53	17.53
2024-08-28	17.75	16.73	17.66	19.88	17.06	17.52
2024-08-29	19.26	16.23	17.1	18.43	16.56	19.83
2024-08-30	19.98	16.32	17.1	19.4	16.65	20.17
2024-08-31	19.83	16.25	17.12	19.51	16.58	17.3
2024-09-01	20.44	16.08	16.87	20.17	16.41	17.15
2024-09-02	20.73	16.32	17.28	19.47	16.65	17.81
2024-09-03	19.36	16.12	16.83	18.05	16.44	17.2
2024-09-04	18.81	15.85	16.51	18.56	16.18	17.76
2024-09-05	17.95	15.55	17.26	18.54	19.43	18.04
2024-09-06	18.95	15.43	17.41	19.44	20.58	18.34
2024-09-07	16.4	15.4	16.19	15.85	20.35	15.84
2024-09-08	16.37	15.37	16.24	15.82	20.52	15.88
2024-09-09	16.16	15.37	16.08	15.62	19.99	23.45
2024-09-10	15.86	15.24	15.91	15.32	15.55	29.07
2024-09-11	15.66	14.93	15.73	15.11	15.26	29.07
2024-09-12	15.53	14.7	15.56	14.98	15.03	28.71
2024-09-13	15.27	14.59	15.34	14.73	15.15	28.03
2024-09-14	15.1	14.46	15.17	14.55	14.79	28.21
2024-09-15	15.31	14.5	15.33	14.76	14.83	28.28
2024-09-16	15.02	14.27	14.97	14.48	14.6	18.62
2024-09-17	14.84	14.12	14.77	14.3	14.45	14.44
2024-09-18	14.73	14.1	14.73	14.19	14.42	14.37
2024-09-19	14.71	13.98	14.69	14.16	14.31	14.31
2024-09-20	14.43	13.78	14.44	13.89	14.1	14.03
2024-09-21	14.15	13.48	14.18	13.62	13.8	19.69
2024-09-22	13.71	13.07	13.67	13.19	13.39	13.45
2024-09-23	13.3	12.68	13.29	12.76	13	12.92
2024-09-24	12.97	12.36	12.97	12.45	12.68	12.63
2024-09-25	12.78	12.15	12.8	15.11	14.83	22.43
2024-09-26	12.67	12.04	12.7	16.65	13.18	23.93
2024-09-27	12.35	11.7	12.37	16.25	13.1	25.74
2024-09-28	11.93	11.28	11.96	15.66	11.62	25.9
2024-09-29	11.68	11.02	11.72	15.39	11.34	25.66
2024-09-30	11.11	10.43	11.12	14.8	10.75	24.9
2024-10-01	10.47	9.87	10.48	14.29	10.19	10.2
2024-10-02	9.94	9.34	9.94	13.8	10.03	9.61
2024-10-03	9.38	8.75	9.35	9.26	13.14	9.06
2024-10-04	9.02	8.35	8.99	10.39	13.04	11.73
2024-10-05	8.75	8.04	8.71	9.49	14.21	8.54
2024-10-06	8.63	7.95	8.59	8.1	8.3	8.41
2024-10-07	8.43	7.81	8.42	7.9	11.15	8.34
2024-10-08	8.31	7.66	8.28	7.78	10.73	8.37
2024-10-09	8.19	7.56	8.2	7.68	11.37	8.29
2024-10-10	8	7.37	7.98	7.48	12.27	8.15
2024-10-11	7.89	7.22	7.85	7.38	13.47	8.81
2024-10-12	7.75	7.04	7.71	7.23	10.33	7.88
2024-10-13	7.52	6.9	7.51	7	9.4	7.68
2024-10-14	7.5	6.84	7.45	6.99	8.68	11.82
2024-10-15	7.33	6.68	7.3	6.81	7.93	7.07
2024-10-16	7.27	6.63	7.24	6.76	8.2	8.01

2024-10-17	7.11	6.49	7.32	6.61	8.9	6.84
2024-10-18	6.39	5.79	6.35	5.9	6.12	5.87
2024-10-19	5.67	5.14	5.69	5.18	5.48	5.21
2024-10-20	5.07	4.54	5.07	4.57	4.89	4.6
2024-10-21	4.51	3.93	4.49	4.01	6.77	4.03
2024-10-22	4.24	3.77	4.31	3.75	4.1	3.85
2024-10-23	3.79	3.25	3.76	3.29	3.58	3.31
2024-10-24	3.5	2.94	3.52	3.01	3.28	3.08
2024-10-25	3.2	2.68	3.2	2.71	4.11	2.74
2024-10-26	3.2	3.05	3.28	2.7	3.38	2.82
2024-10-27	3.39	2.93	3.39	2.88	4.53	2.94
2024-10-28	3.35	2.8	3.31	2.85	5.37	2.86
2024-10-29	3.22	2.65	3.13	2.73	4.98	2.68
2024-10-30	3.26	2.93	3.42	2.76	7.73	3.33
2024-10-31	3.21	2.88	3.41	2.71	3.52	7.67
2024-11-01	3.26	2.88	3.42	2.76	3.21	8.54
2024-11-02	3.27	2.84	3.38	2.77	3.18	2.89
2024-11-03	3.23	2.82	3.36	2.73	3.17	2.88
2024-11-04	3.28	2.75	3.32	2.78	3.26	2.84
2024-11-05	3.25	2.68	3.26	2.75	3.03	2.86
2024-11-06	3.18	2.72	3.25	2.67	6.59	2.77
2024-11-07	3.15	2.59	3.11	2.65	3.15	2.63
2024-11-08	3.13	2.65	3.17	2.62	5.64	2.69
2024-11-09	3.12	2.57	3.12	2.63	4.69	2.63
2024-11-10	3.14	2.64	3.14	2.65	2.97	2.65
2024-11-11	3.06	2.58	3.06	2.56	2.91	2.56
2024-11-12	3.04	2.61	3.04	2.54	2.96	2.54
2024-11-13	3.03	2.55	3.03	2.53	2.91	2.53
2024-11-14	2.95	2.59	2.98	2.46	3.12	2.49
2024-11-15	2.93	2.57	3.06	2.43	2.91	2.58
2024-11-16	3.03	2.53	3.06	2.52	2.87	2.58
2024-11-17	2.94	2.43	2.92	2.44	2.79	2.44
2024-11-18	2.68	2.12	2.67	2.19	5.93	2.19
2024-11-19	2.64	2.09	2.6	2.15	7.55	2.13
2024-11-20	2.72	2.29	2.71	2.23	4.2	7.2
2024-11-21	2.74	2.32	2.83	2.25	4.62	2.67
2024-11-22	2.69	2.28	2.72	2.2	7.42	2.25
2024-11-23	2.73	2.3	2.75	2.24	7.27	2.28
2024-11-24	2.79	2.29	2.79	2.29	7.19	2.32
2024-11-25	2.77	2.26	2.8	2.27	7.18	2.33
2024-11-26	2.8	2.27	2.79	2.3	6.98	2.33
2024-11-27	2.77	2.23	2.74	2.93	6.99	2.27
2024-11-28	2.78	2.28	2.76	2.3	6.75	2.28
2024-11-29	2.72	2.29	2.8	2.24	7.09	2.32
2024-11-30	2.78	2.31	2.77	2.29	6.87	2.29
2024-12-01	2.78	2.27	2.8	2.3	5.87	2.32
2024-12-02	2.8	2.3	2.78	2.31	2.66	2.3
2024-12-03	2.74	2.29	2.78	2.26	4.41	2.3
2024-12-04	2.76	2.31	2.81	2.27	5.71	2.33
2024-12-05	2.77	2.3	2.77	2.28	5.28	2.3
2024-12-06	2.76	2.28	2.79	2.27	6.84	2.32
2024-12-07	2.77	2.22	2.76	2.29	5.35	2.3
2024-12-08	2.76	2.2	2.75	2.27	5.05	2.28
2024-12-09	2.76	2.23	2.75	2.28	6.18	2.57
2024-12-10	2.77	2.25	2.78	2.29	8.14	2.3
2024-12-11	2.79	2.3	2.81	2.3	9.98	2.33
2024-12-12	2.76	2.28	2.78	2.27	7.64	2.31
2024-12-13	2.7	2.25	2.76	2.21	5.81	2.29
2024-12-14	2.77	2.26	2.78	2.28	5.6	2.3
2024-12-15	2.78	2.29	2.78	2.29	6.43	2.3
2024-12-16	2.79	2.26	2.8	2.31	6.53	2.32
2024-12-17	2.77	2.23	2.79	3.54	4.85	2.3
2024-12-18	2.74	2.31	2.75	4.83	4.22	2.53
2024-12-19	2.64	2.34	2.76	2.17	8.47	2.27
2024-12-20	2.68	2.32	2.79	2.2	7.61	2.31
2024-12-21	2.72	2.32	2.81	2.24	5.7	2.34
2024-12-22	2.79	2.26	2.82	2.3	5	2.35
2024-12-23	2.8	2.3	2.81	2.3	4.87	2.34
2024-12-24	2.77	2.21	2.77	2.28	5.26	2.3
2024-12-25	2.78	2.25	2.78	2.29	4.08	2.31
2024-12-26	2.78	2.27	2.79	2.29	2.65	4.66
2024-12-27	2.74	2.27	2.79	2.25	4.4	2.33
2024-12-28	2.75	2.27	2.8	2.26	4.22	2.63
2024-12-29	2.75	2.22	2.78	2.26	3.61	2.32
2024-12-30	2.67	2.19	2.72	2.19	4.53	2.26
2024-12-31	2.65	2.18	2.67	2.14	2.55	2.2