**REPORT**

# Whale Tail Pit - Expansion Project

*2019 Mean Annual Water Balance Update*

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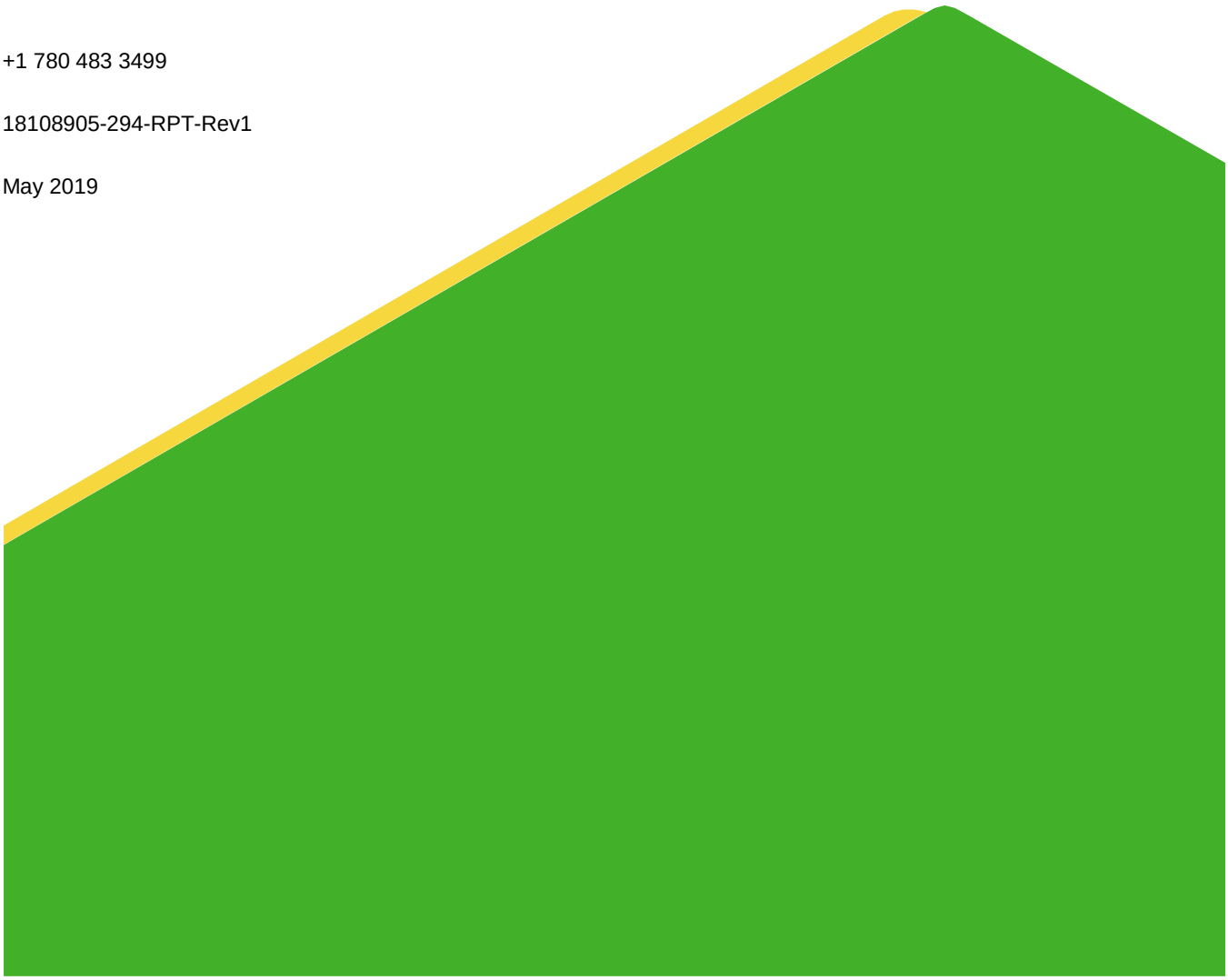

# Distribution List

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# Table of Contents

**1.0 INTRODUCTION ..... 1**

**2.0 GENERAL WATER MANAGEMENT SUMMARY ..... 2**

2.1 Surface Water Management ..... 3

2.2 Underground Water Management ..... 4

**3.0 WATER BALANCE BASIS ..... 6**

3.1 General ..... 6

3.2 Climate Input ..... 6

3.3 Mine Plan ..... 7

3.4 Consumptive Flows ..... 9

3.5 Hydrogeological Inputs ..... 9

**4.0 UPDATES TO THE WATER BALANCE ..... 13**

**5.0 MEAN ANNUAL WATER BALANCE ..... 16**

5.1 Quarry 1 ..... 16

5.1.1 Catchment Characteristics and Water Management ..... 16

5.1.2 Water Balance ..... 18

5.1.3 Changes from the FEIS Addendum ..... 20

5.2 Groundwater Storage Pond System ..... 20

5.2.1 Groundwater Storage Pond 1 (GSP-1) ..... 21

5.2.1.1 Catchment Characteristics and Water Management ..... 21

5.2.1.2 Water Balance ..... 24

5.2.1.3 Changes from the FEIS Addendum ..... 26

5.2.2 Groundwater Storage Pond 2 (GSP-2) ..... 26

5.2.2.1 Catchment Characteristics and Water Management ..... 26

5.2.2.2 Water Balance ..... 29

5.2.2.3 Changes from the FEIS Addendum ..... 31

5.2.3 Groundwater Storage Pond 3 (GSP-3) ..... 31

5.3 Underground Mine ..... 32

5.3.1 Catchment Characteristics and Water Management ..... 32
5.3.2 Water Balance ..... 35
5.3.3 Changes from the FEIS Addendum ..... 37
5.4 Northeast Sector ..... 37
5.4.1 Catchment Characteristics and Water Management ..... 37
5.4.2 Water Balance ..... 40
5.4.3 Changes from the FEIS Addendum ..... 42
5.5 Whale Tail Waste Rock Storage Facility Contact Water Collection System ..... 42
5.5.1 Catchment Characteristics and Water Management ..... 42
5.5.2 Water Balance ..... 45
5.5.3 Changes from the FEIS Addendum ..... 47
5.6 North Sector ..... 47
5.6.1 Catchment Characteristics and Water Management ..... 47
5.6.2 Water Balance ..... 50
5.6.3 Changes from the FEIS Addendum ..... 52
5.7 Whale Tail Pit ..... 52
5.7.1 Catchment Characteristics and Water Management ..... 52
5.7.2 Water Balance ..... 55
5.7.3 Changes from the FEIS Addendum ..... 57
5.8 Whale Tail Lake (North Basin) / Whale Tail Attenuation Pond ..... 58
5.8.1 Catchment Characteristics and Water Management ..... 58
5.8.2 Water Balance ..... 61
5.8.3 Changes from the FEIS Addendum ..... 65
5.9 IVR Pit ..... 65
5.9.1 Catchment Characteristics and Water Management ..... 65
5.9.2 Water Balance ..... 68
5.9.3 Changes from the FEIS Addendum ..... 70
5.10 IVR Waste Rock Storage Facility Contact Water Collection System ..... 70

5.11 Catchment Characteristics and Water Management ..... 70
5.11.1 Water Balance ..... 73
5.11.2 Changes from the FEIS Addendum ..... 75
5.12 East Sector / IVR Attenuation Pond ..... 75
5.12.1 Catchment Characteristics and Water Management ..... 75
5.12.2 Water Balance ..... 78
5.12.3 Changes from the FEIS Addendum ..... 80
5.13 Whale Tail Lake (South Basin) ..... 80
5.13.1 Catchment Characteristics and Water Management ..... 80
5.13.2 Water Balance ..... 83
5.13.3 Changes from the FEIS Addendum ..... 85
5.14 Water Treatment Plants: Treatment Requirement Summary ..... 86
5.14.1 Changes from the FEIS Addendum ..... 89
5.15 Closure: Flooding of Open Pits, Underground Mine and Refilling of Whale Tail Lake (North Basin) ..... 90
5.16 Post-Closure: Re-Establishment of Natural Drainage Patterns ..... 92
**6.0 RISKS AND OPPORTUNITIES ..... 94**
**7.0 STUDY LIMITATIONS ..... 95**
**8.0 CLOSURE ..... 96**
**9.0 REFERENCES ..... 97**

**TABLES**

Table 1: Climate Input for Mean Year ..... 7
Table 2: Predicted Groundwater Inflow during Dewatering and Mining - Whale Tail Pit and Underground ..... 10
Table 3: Predicted Groundwater Inflow during Dewatering and Mining - Whale Tail Attenuation Pond and Whale Tail Lake (North Basin) ..... 11
Table 4: Predicted Groundwater Inflow during Closure - Whale Tail Pit, Whale Tail Attenuation Pond and Whale Tail Lake (North Basin) ..... 12
Table 5: Predicted Groundwater Inflow during Closure - Underground ..... 13
Table 6: Change in Facility Watershed Areas ..... 15
Table 7: Storage Characteristics (Quarry 1) ..... 17

Table 8: Water Balance Flow Components (Quarry 1) ..... 18
Table 9: Storage Characteristics (GSP-1) ..... 22
Table 10: Water Balance Flow Components (GSP-1) ..... 24
Table 11: Storage Characteristics (GSP-2) ..... 27
Table 12: Water Balance Flow Components (GSP-2) ..... 29
Table 13: Storage Characteristics (Underground Mine) ..... 33
Table 14: Water Balance Flow Components (Underground Mine) ..... 35
Table 15: Storage Characteristics (Northeast Sector) ..... 39
Table 16: Water Balance Flow Components (Northeast Sector) ..... 40
Table 17: Storage Characteristics (Whale Tail WRSF Contact Water Collection System) ..... 43
Table 18: Water Balance Flow Components (Whale Tail WRSF Contact Water Collection System) ..... 45
Table 19: Storage Characteristics (North Sector) ..... 48
Table 20: Water Balance Flow Components (North Sector) ..... 50
Table 21: Storage Characteristics (Whale Tail Pit) ..... 53
Table 22: Water Balance Flow Components (Whale Tail Pit) ..... 55
Table 23: Storage Characteristics (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond) ..... 60
Table 24: Water Balance Flow Components (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond) ..... 61
Table 25: Storage Characteristics (IVR Pit) ..... 66
Table 26: Water Balance Flow Components (IVR Pit) ..... 68
Table 27: Storage Characteristics (IVR WRSF Contact Water Collection System) ..... 71
Table 28: Water Balance Flow Components (IVR WRSF Contact Water Collection System) ..... 73
Table 29: Storage Characteristics (East Sector / IVR Attenuation Pond) ..... 77
Table 30: Water Balance Flow Components (East Sector / IVR Attenuation Pond) ..... 78
Table 31: Storage Characteristics (Whale Tail Lake [South Basin]) ..... 82
Table 32: Water Balance Flow Components (Whale Tail Lake [South Basin]) ..... 83
Table 33: Water Balance Flow Components (Water Treatment Plants) ..... 86

**FIGURES**

Figure 1: Water Management Facilities (2025) ..... 2
Figure 2: Conceptual Flow Diagram for Surface Waters – June 2021 to September 2021 ..... 3
Figure 3: Conceptual Flow Diagram for Surface Waters – May 2022 to 2025 (End of Operations) ..... 4

Figure 4: Conceptual Flow Diagram - Underground Ramp 2021, Shallower than Level -275 masl (High Salinity Groundwater from Drilling Brine) ..... 5
Figure 5: Conceptual Flow Diagram– Underground Ramp 2022 - Deeper than Level -275 masl (Natural Salinity of Groundwater – Lower Salinity) ..... 5
Figure 6: Quarry 1 Catchment Overview ..... 16
Figure 7: Drainage Area Progression through the Project (Quarry 1) ..... 17
Figure 8: Inflows to Quarry 1 (Construction and Operations) ..... 19
Figure 9: Inflows to Quarry 1 (Closure) – Quarry 1 integrated into the pit, waters report to the pit ..... 19
Figure 10: Outflows from Quarry 1 (Construction and Operations) ..... 19
Figure 11: Outflows from Quarry 1 (Closure) – Quarry 1 integrated into the pit, waters report to the pit ..... 19
Figure 12: Comparison of Cumulative Inflows to Quarry 1 under the FEIS Addendum and the Current Water Balances ..... 20
Figure 13: GSP-1 Catchment Overview ..... 22
Figure 14: Drainage Area Progression through the Project (GSP-1) ..... 23
Figure 15: Inflows to GSP-1 (Construction and Operations) ..... 25
Figure 16: Inflows to GSP-1 Area (Closure) ..... 25
Figure 17: Outflows from GSP-1 (Construction and Operations) ..... 25
Figure 18: Outflows from GSP-1 Area (Closure) ..... 25
Figure 19: Comparison of Cumulative Inflows to GSP-1 under the FEIS Addendum and the Current Water Balances ..... 26
Figure 20: GSP-2 Catchment Overview ..... 27
Figure 21: Drainage Area Progression through the Project for GSP-2 ..... 28
Figure 22: Inflows to GSP-2 (Construction and Operations) ..... 30
Figure 23: Inflows to GSP-2 (Closure) ..... 30
Figure 24: Outflows from GSP-2 (Construction and Operations) ..... 30
Figure 25: Outflows from GSP-2 (Closure) ..... 30
Figure 26: Comparison of Cumulative Inflows to GSP-2 under the FEIS Addendum and the Current Water Balances ..... 31
Figure 27: GSP-3 Catchment Overview ..... 32
Figure 28: Underground Mine Catchment Overview ..... 33
Figure 29: Drainage Area Progression through the Project (Underground Mine) ..... 34
Figure 30: Inflows to Underground Mine (Construction and Operations) ..... 36
Figure 31: Inflows to Underground Mine (Closure) ..... 36
Figure 32: Outflows from Underground Mine (Construction and Operations) ..... 36

Figure 33: Outflows from Underground Mine (Closure) ....36
Figure 34: Comparison of Cumulative Inflows to the Underground under the FEIS Addendum and the Current Water Balances ....37
Figure 35: Northeast Sector Catchment Overview Prior to IVR Pit Initiation ....38
Figure 36: Northeast Sector Catchment Overview Following IVR Pit Initiation ....38
Figure 37: Drainage Area Progression through the Project (Northeast Sector) ....39
Figure 38: Inflows to the Northeast Sector (Construction and Operations) ....41
Figure 39: Inflows to the Northeast Sector (Closure) ....41
Figure 40: Outflows from the Northeast Sector (Construction and Operations) ....41
Figure 41: Outflows from the Northeast Sector (Closure) ....41
Figure 42: Comparison of Cumulative Inflows to the Northeast Sector under the FEIS Addendum and the Current Water Balances ....42
Figure 43: Whale Tail Waste Rock Storage Facility Contact Water Collection System Catchment Overview ....43
Figure 44: Drainage Area Progression through the Project (Whale Tail WRSF Contact Water Collection System) ....44
Figure 45: Inflows to the Whale Tail WRSF Contact Water Collection System (Construction and Operations) ....46
Figure 46: Inflows to the Whale Tail WRSF Contact Water Collection System (Closure) ....46
Figure 47: Outflows from the Whale Tail WRSF Contact Water Collection System (Construction and Operations) ....46
Figure 48: Outflows from the Whale Tail WRSF Contact Water Collection System (Closure) ....46
Figure 49: Comparison of Cumulative Inflows to the Whale Tail WRSF Contact Water Collection System under the FEIS Addendum and the Current Water Balances ....47
Figure 50: North Sector Catchment Overview ....48
Figure 51: Drainage Area Progression through the Project (North Sector) ....49
Figure 52: Inflows to the North Sector (Construction and Operations) ....51
Figure 53: Inflows to the North Sector (Closure) ....51
Figure 54: Outflows from the North Sector (Construction and Operations) ....51
Figure 55: Outflows from the North Sector (Closure) ....51
Figure 56: Comparison of Cumulative Inflows to the North Sector under the FEIS Addendum and the Current Water Balances ....52
Figure 57: Whale Tail Pit Catchment Overview ....53
Figure 58: Drainage Area Progression through the Project (Whale Tail Pit) ....54
Figure 59: Inflows to the Whale Tail Pit (Construction and Operations) ....56
Figure 60: Inflows to the Whale Tail Pit (Closure) ....56
Figure 61: Outflows from the Whale Tail Pit (Construction and Operations) ....56

Figure 62: Outflows from the Whale Tail Pit (Closure) ..... 56
Figure 63: Comparison of Cumulative Inflows to the Whale Tail Pit during Operations under the FEIS Addendum and the Current Water Balances ..... 57
Figure 64: Comparison of Cumulative Inflows to the Whale Tail Pit during the filling period under the FEIS Addendum and the Current Water Balances ..... 58
Figure 65: Whale Tail Lake (North Basin) / Whale Tail Attenuation Pond Catchment Overview ..... 59
Figure 66: Drainage Area Progression through the Project (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond) ..... 60
Figure 69: Outflows from the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Construction and Operations) ..... 63
Figure 70: Outflows from the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Closure) ..... 64
Figure 71: Comparison of Cumulative Inflows to the Whale Tail Attenuation Pond under the FEIS Addendum and the Current Water Balances ..... 65
Figure 72: IVR Pit Catchment Overview ..... 66
Figure 73: Drainage Area Progression through the Project (IVR Pit) ..... 67
Figure 74: Inflows to the IVR Pit (Construction and Operations) ..... 69
Figure 75: Inflows to the IVR Pit (Closure) ..... 69
Figure 76: Outflows from the IVR Pit (Construction and Operations) ..... 69
Figure 77: Outflows from the IVR Pit (Closure) ..... 69
Figure 78: Comparison of Cumulative Inflows to the IVR Pit under the FEIS Addendum and the Current Water Balances ..... 70
Figure 79: IVR Waste Rock Storage Facility Contact Water Collection System Catchment Overview ..... 71
Figure 80: Drainage Area Progression through the Project (IVR WRSF Contact Water Collection System) ..... 72
Figure 81: Inflows to the IVR WRSF Contact Water Collection System (Construction and Operations) ..... 74
Figure 82: Inflows to the IVR WRSF Contact Water Collection System (Closure) ..... 74
Figure 83: Outflows from the IVR WRSF Contact Water Collection System (Construction and Operations) ..... 74
Figure 84: Outflows from the IVR WRSF Contact Water Collection System (Closure) ..... 74
Figure 85: Comparison of Cumulative Inflows to the IVR WRSF under the FEIS Addendum and the Current Water Balances ..... 75
Figure 86: East Sector / IVR Attenuation Pond Catchment Overview ..... 76
Figure 87: Drainage Area Progression through the Project (East Sector / IVR Attenuation Pond) ..... 77
Figure 88: Inflows to the East Sector / IVR Attenuation Pond (Construction and Operations) ..... 79
Figure 89: Inflows to the East Sector / IVR Attenuation Pond Area (Closure) ..... 79
Figure 90: Outflows from the East Sector / IVR Attenuation Pond (Construction and Operations) ..... 79
Figure 91: Outflows from the East Sector / IVR Attenuation Pond Area (Closure) ..... 79

Figure 92: Comparison of Cumulative Inflows to the IVR Attenuation Pond under the FEIS Addendum and the Current Water Balances ..... 80
Figure 93: Whale Tail Lake (South Basin) Catchment Overview ..... 81
Figure 94: Drainage Area Progression through the Project (Whale Tail Lake [South Basin]) ..... 82
Figure 95: Inflows to Whale Tail Lake (South Basin) (Construction and Operations) ..... 84
Figure 96: Inflows to Whale Tail Lake (South Basin) (Closure) ..... 84
Figure 97: Outflows from Whale Tail Lake (South Basin) (Construction and Operations) ..... 84
Figure 98: Outflows from Whale Tail Lake (South Basin) (Closure) ..... 84
Figure 99: Comparison of Cumulative Inflows to Whale Tail Lake (South Basin) under the FEIS Addendum and the Current Water Balances ..... 85
Figure 100: Non-Contact Water flows to the O-WTP (Construction and Operations) ..... 87
Figure 101: Contact Water Inflows to the O-WTP (Construction and Operations) ..... 87
Figure 102: Inflows to the S-WTP (brine) Unit (Construction and Operations) ..... 87
Figure 103: Inflows to the S-WTP (brackish) Unit (Construction and Operations) ..... 87
Figure 104: Outflows from the Water Treatment Plants ..... 88
Figure 105: Comparison of Cumulative Inflows to Treatment under the FEIS Addendum and the Current Water Balances ..... 89
Figure 106: Mine Closure Period Flow Diagram – General Principle ..... 91
Figure 107: Refilling of Whale Tail Lake (North Basin) and Underground Mine ..... 92
Figure 108: Post-Closure ..... 93

**APPENDICES**

**APPENDIX A**
Conceptual Flow Diagrams

**APPENDIX B**
Mine Plan Drawings

**APPENDIX C**
Pit and Underground Elevation-Storage-Area Relationships

**APPENDIX D**
Pond Elevation-Storage-Area Relationships

**APPENDIX E**
O'Kane Landform Water Balance Modelling of Whale Tail and IVR WRSF

**APPENDIX F**
Annual Water Balance

# 1.0 INTRODUCTION

Agnico Eagle Mines Limited: Meadowbank Division (Agnico Eagle) is proposing to develop the Whale Tail Pit and the IVR Pit and underground operations on the Amaruq property (Project), in continuation of mine operations and milling of the Meadowbank Mine. The Amaruq Exploration property is a 408 square kilometre ($km^2$) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km north of the Meadowbank Mine in the Kivalliq region of Nunavut.

The Approved Project supports mining an initial amount of approximately 8.3 million tonnes of ore from one open pit, the Whale Tail Pit, processed over a three to four-year mine life. The Expansion Project proposes mining of an additional 15.2 million tonnes of ore from the expanded Whale Tail Pit, the IVR open pit and underground operations, for a total ore tonnage of 23.5 million tonnes. A detailed Project Description, and water management plan describing water management facilities examined herein can be found in the Expansion Project's final environmental impact statement (FEIS) Addendum.

In 2018, Golder developed a mean annual water balance for the Expansion Project to support the FEIS Addendum (Golder 2018a). Since then, model inputs have been refined, as described in Section 4.0. This report presents an updated description of water management activities and modelled flows from the mean annual water balance for the Expansion Project. This water balance was developed through an iterative process of infrastructure design, pond sizing, flow management and forecast of corresponding water quality to achieve the goal of having workable and robust water flow and quality management at the mine which will minimize environmental impacts.

This report primarily focuses on the construction, operation, and closure phases of the Expansion Project. It is limited to catchments of the Project footprint and does not address the receiving environment within and downstream of the effluent discharge point.

Water quality predictions corresponding to the Expansion Project's mean annual water balance are presented under a separate cover (Golder 2019a).

This report is organized as follows:

- Section 2.0 provides a high-level summary of water management at the Project;
- Section 3.0 provides the basis of the water balance;
- Section 4.0 describes the changes to the mine plan that are presented in this update;
- Section 5.0 provides a description of water management activities, and results of the water balance by catchment; and
- Section 6.0 provides a list of risks and opportunities to be considered as the mine develops and is operated.

## 2.0 GENERAL WATER MANAGEMENT SUMMARY

The Expansion Project consists of mining from the Whale Tail and IVR Pits as well as from the underground operations. The ultimate Project general arrangement plan (2025) is shown in Figure 1, with the key water management features labelled. The main objectives pertaining to water management are to minimize contact water that must be managed and to limit the impact on the receiving environment. In developing the water management plan, the following principles were followed (Agnico Eagle 2018a):

- keep the different water types separated to the extent feasible;
- control and minimize contact water through diversion and containment;
- minimize freshwater consumption by recycling and reusing the contact and process water wherever feasible; and
- meet discharge criteria before any site contact water is released to the downstream environment.

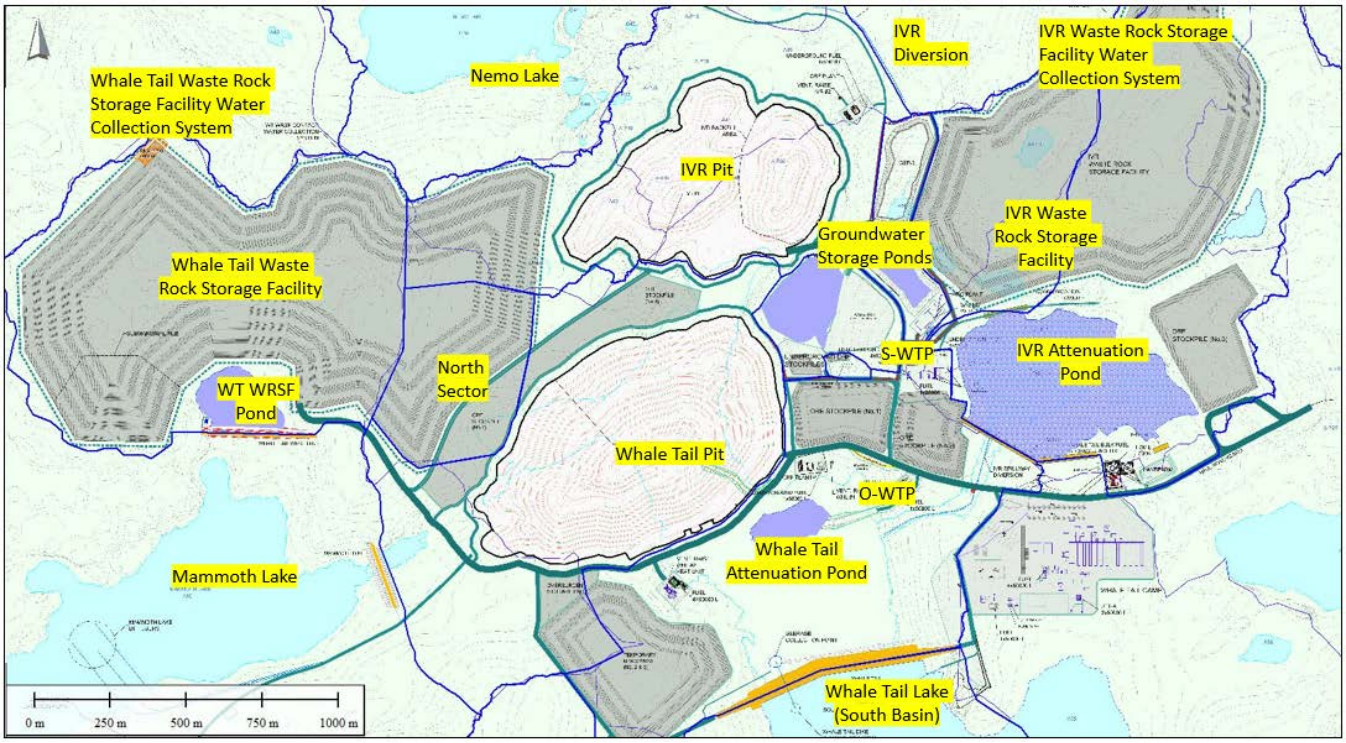


**Figure 1: Water Management Facilities (2025)**

## 2.1 Surface Water Management

Non-contact surface water is diverted and discharged directly into the environment without treatment.

Runoff from the surface facilities are collected in sumps or ponds around the Project and pumped to a central location before being treated and discharged directly or indirectly (i.e., through Whale Tail Lake (South Basin)) into Mammoth Lake. During construction, site contact water is collected in Quarry 1 prior to treatment. Once Whale Tail Lake (North Basin) is dewatered (2019), site contact water is collected in the Whale Tail Attenuation Pond until the IVR Attenuation Pond is operational in 2022, after which point contact water is collected in the IVR Attenuation Pond. Surface contact water is treated and discharged during the non-winter months (i.e. from June to September).

The operational surface water management plan is presented conceptually in flow diagrams in Appendix A and mine plan drawings are presented in Appendix B for the life of mine. Examples of these diagrams are shown in Figure 2 and Figure 3.

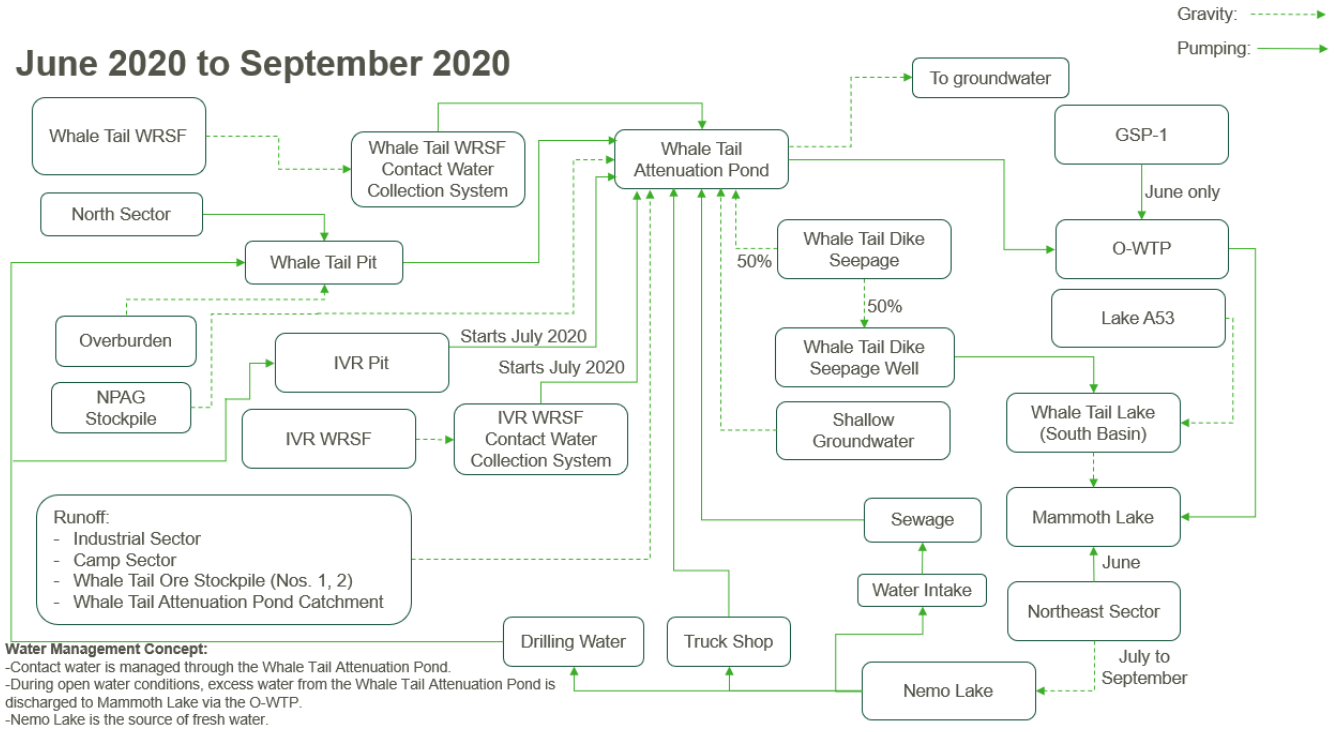


**Figure 2: Conceptual Flow Diagram for Surface Waters – June 2021 to September 2021**

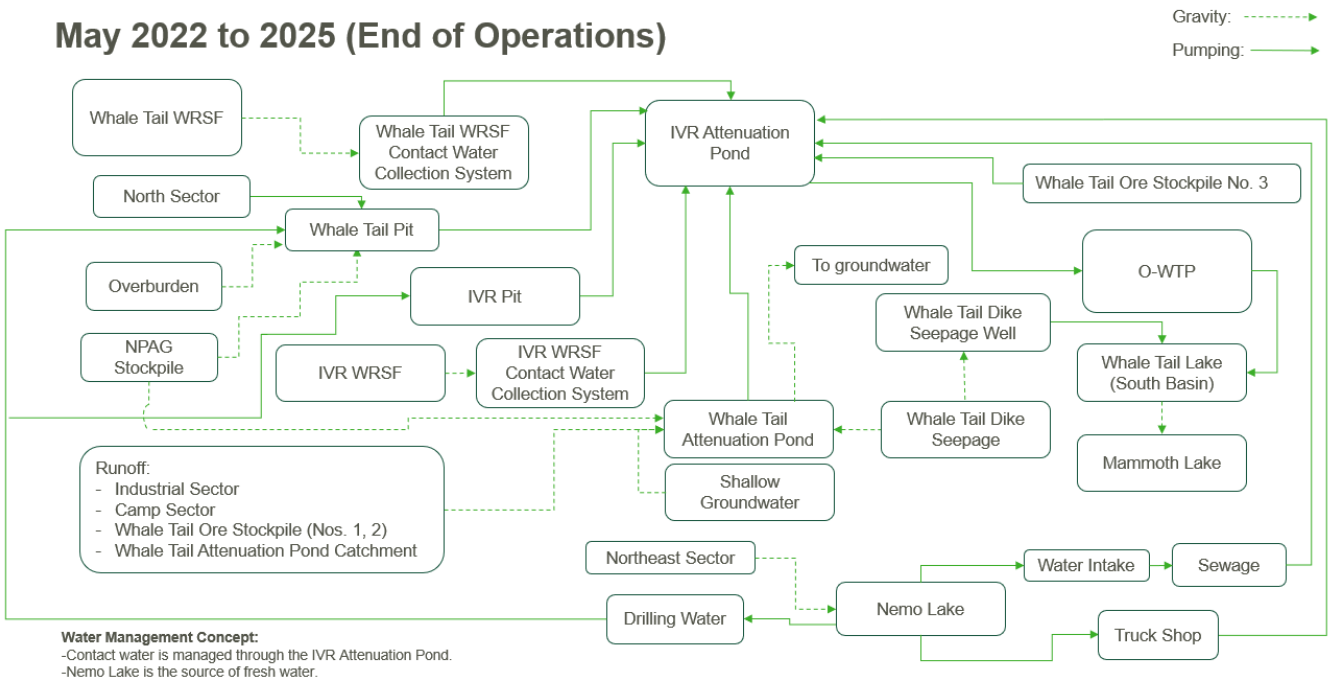


**Figure 3: Conceptual Flow Diagram for Surface Waters – May 2022 to 2025 (End of Operations)**

## 2.2 Underground Water Management

The underground operations results in saline water that must be treated. This water is isolated from the surface waters described in the previous section. The saline water is managed in Groundwater Storage Ponds (GSPs) and the underground stope. It is assumed that high and low salinity waters can be successfully isolated and managed and treated separately. High saline water is stored in either the underground stope or GSP-1 (described further in Section 5.2.1). From GSP-1, water is sent back underground as make-up water source for the underground operations. Excess water is treated in the S-WTP (brine) before discharge to the receiving environment. Low saline water is sent to GSP-2 before treatment in the S-WTP (brackish) prior to discharge to the receiving environment. Treatment and discharge of the underground contact water occurs year-round.

The operational underground water management plan is presented conceptually in flow diagrams for the life of mine in Appendix A. Examples of these diagrams for high and low salinity are in Figure 4 and Figure 5, respectively.

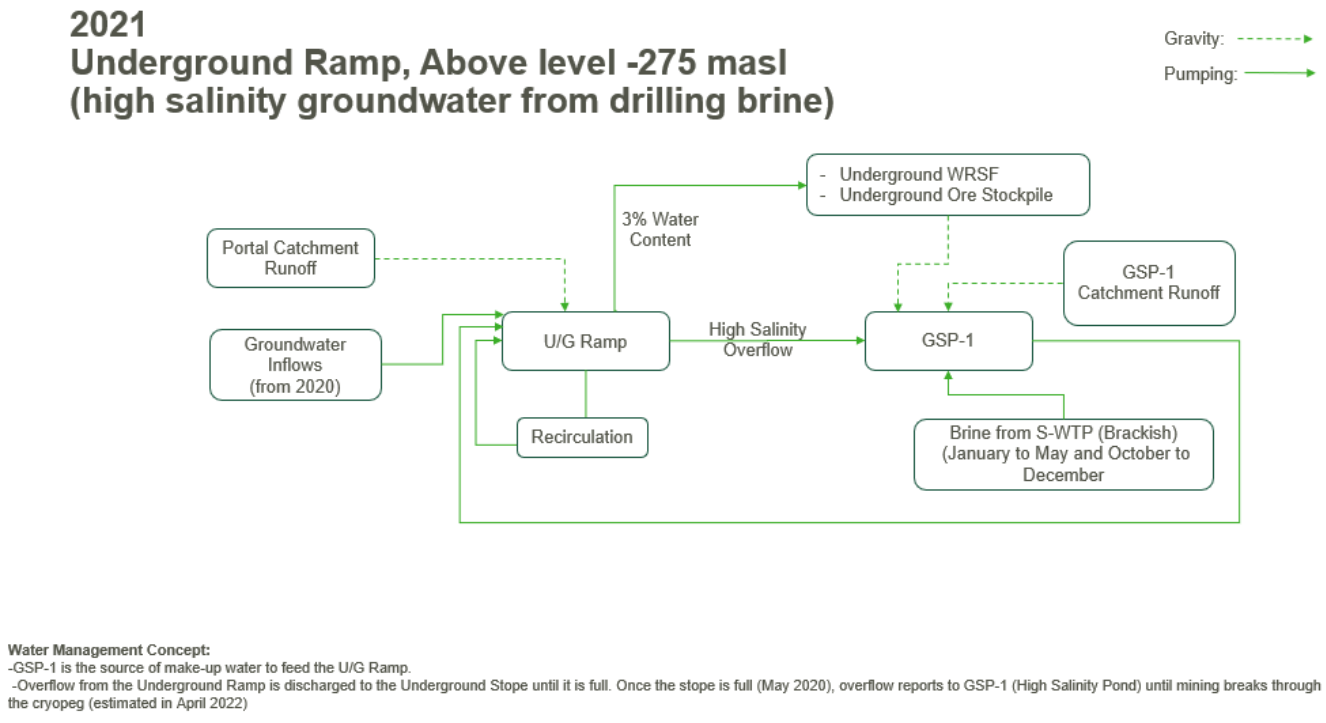


**Figure 4: Conceptual Flow Diagram - Underground Ramp 2021, Shallower than Level -275 masl (High Salinity Groundwater from Drilling Brine)**

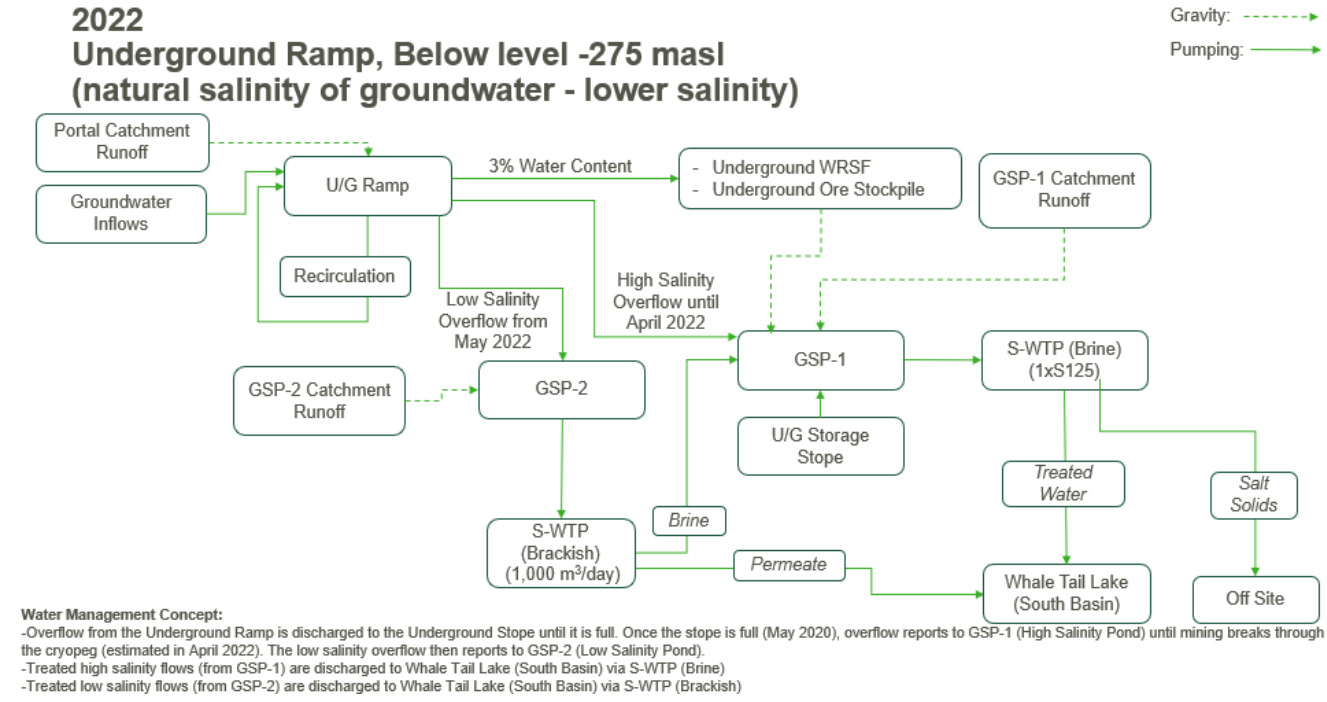


**Figure 5: Conceptual Flow Diagram– Underground Ramp 2022 - Deeper than Level -275 masl (Natural Salinity of Groundwater – Lower Salinity)**

# 3.0 WATER BALANCE BASIS

## 3.1 General

The mean annual water balance was derived in GoldSim® on a monthly timestep, in consideration of the following information:

- Site climate (Section 3.2);
- Mine plan (Section 3.3);
- Evolving catchments corresponding to the mine plan, derived based on watershed delineations provided for this update by SNC Lavalin (2019), with input from Golder, discretized by land and water areas;
- Evolving pit and underground mine elevation-area-storage characteristics (Agnico Eagle 2018b, available in Appendix C), derived from Project raster data provided by Agnico Eagle;
- Pond elevation-area-storage characteristics (Appendix D), derived from Project raster data provided by Agnico Eagle;
- Evolving groundwater inflows and infiltration derived by Golder for the Whale Tail open pit and the underground mine. Groundwater inputs are described in Section 3.5;
- Mine operation consumptive flows provided by Agnico Eagle (Section 3.4); and
- Waste rock cover runoff and seepage values as provided by O'Kane Consultants Inc (OKC; Appendix E).

## 3.2 Climate Input

Water balance results presented herein were based on mean annual climate input summarized in Table 1, consistent with previous studies (Agnico Eagle 2016b). Thus, results presented herein are expected to vary from predicted under wet or dry conditions.

Precipitation presented in Table 1 was applied in water balance calculations as follows:

- Precipitation was adjusted for undercatch using a factor of 1.15 for rainfall, and 1.55 for snowfall following previous studies (Agnico Eagle 2016c);
- Frozen conditions were assumed from October to May;
- Rainfall during frozen conditions, as defined above, was applied as rainfall during the month of June of the same year if fallen between the months of January and May inclusively, or during the month of June of the following year if fallen between the months of October and December inclusively;
- Snowfall outside of frozen conditions, as defined above, was applied as rainfall during the same month; and,
- Infiltration losses were assumed to be negligible in natural areas based on permafrost conditions.

**Table 1: Climate Input for Mean Year**

| Month | Mean Air Temperature (°C) | Precipitation (mm) | | Losses (mm) | | |
|---|---|---|---|---|---|---|
| | | Rainfall | Snow-Water Equivalent | Lake Evaporation | Evapo-transpiration | Sublimation |
| January | -31.3 | 0.0 | 6.9 | 0 | 0 | 9 |
| February | -31.1 | 0.0 | 6.2 | 0 | 0 | 9 |
| March | -26.3 | 0.0 | 9.1 | 0 | 0 | 9 |
| April | -17.0 | 0.4 | 13.3 | 0 | 0 | 9 |
| May | -6.4 | 5.2 | 8.1 | 0 | 0 | 9 |
| June | 4.9 | 18.1 | 3.0 | 9 | 3 | 0 |
| July | 11.6 | 38.5 | 0.0 | 99 | 32 | 0 |
| August | 9.8 | 42.1 | 0.6 | 100 | 32 | 0 |
| September | 3.1 | 34.7 | 6.8 | 40 | 13 | 0 |
| October | -6.5 | 6.4 | 22.4 | 0 | 0 | 9 |
| November | -19.3 | 0.2 | 16.6 | 0 | 0 | 9 |
| December | -26.8 | 0.0 | 10.0 | 0 | 0 | 9 |
| Annual | -11.3 | 145.7 | 103.0 | 248 | 80 | 72 |

## 3.3 Mine Plan

Water management facilities are presented on Figure 1, representative of end of mine life largest footprint conditions (2025). Conceptual flow diagrams are presented in Appendix A and the mine plan drawings are presented in Appendix B for the entire life of mine. Milestones relevant to the mean annual water balance are summarized in chronological order below:

- Quarry 1 is initiated in 2017 (i.e., prior to the start of the water balance in January 2018).
- Underground Mine is initiated in 2017 (i.e., prior to the start of the water balance).
- GSP-1 is initiated in 2017 (i.e., prior to the start of the water balance).
- The Whale Tail Dike is initiated in June 2018 and was assumed to retain upstream flows starting in July 2018.
- The Starter Pit is initiated in July 2018.
- The Whale Tail waste rock storage facility (WRSF) Dike is initiated in October 2018 and retains upstream flows starting in freshet 2019.
- The Mammoth Dike is initiated in November 2018 and retains upstream flows starting in freshet 2019.
- The first phase of dewatering of Whale Tail Lake (North Basin) is initiated in March 2019 for approximately 45 days. About 2 million cubic meters ($m^3$) is dewatered and discharged to Whale Tail Lake (South Basin) during this phase.
- The second phase of dewatering starts in June 2019. About 1.1 $m^3$ is dewatered and discharged to Whale Tail Lake (South Basin) during this phase.

- The Northeast Dike is initiated in January 2019 and retains upstream flows starting in freshet 2019. It is decommissioned prior to the initiation of the IVR Pit.
- The Operational Water Treatment Plant (O-WTP) - arsenic (As) and total suspended solids (TSS) treatment unit - comes online in March 2019.
- The North Sector collection area is operational starting in June 2019 until closure.
- The East Channel is initiated in September 2019 and completed in November 2019. It diverts upstream flows starting in freshet 2020.
- The Whale Tail Dike Seepage Collection System is operational by January 2020.
- The IVR Pit is initiated by July 2020.
- The IVR Diversion is operational from July 2020 until closure.
- The IVR WRSF is operational from July 2020 until closure.
- The water treatment unit for low total dissolved solids (TDS) water or S-WTP (brackish) becomes available by October 2020.
- The water treatment unit for high TDS water, or S-WTP (brine) becomes available by April 2022; its capacity is increased in January 2023.
- GSP-2 becomes operational by April 2022.
- Drawdown of Lake A53 occurs prior to freshet 2022.
- The IVR Attenuation Pond (i.e., ex-Lake A53) is operational by freshet 2022.
- Construction of Mammoth sill and spillway is completed after January 2026 to maintain the flooded pit lake water elevation at 153.5 metres above sea level (masl) at closure and post-closure.
- Closure is initiated in January 2026 and active and passive flooding occurs until Whale Tail Lake (North Basin) is refilled to overtop the Mammoth Lake sill and spillway to 153.5 masl by 2042).
- Post-closure reconnection of Whale Tail Lake (North Basin) with Whale Tail Lake (South Basin) by decommissioning of the Whale Tail Dike, Mammoth Dike and Whale Tail WRSF Dike. This occurs once the flooding has reached 153.5 masl and the quality of the flooded pit lake is acceptable to fish and fish habitat (estimated by 2042).

The schedule for construction of the third GSP is adaptive, depending on need.

## 3.4 Consumptive Flows

Consumptive flows were provided by Agnico Eagle as follows:

- Camp use:
  - 77.8 $m^3$/day from January 2018 to December 2020. This increases to 192 $m^3$/day from January 2021 to the end of operations;
    - Sourced from Whale Tail Lake (South Basin) until the end of August 2018; and
    - Sourced from Lake C38 (Nemo Lake) from September 2018 to the end of operations.
  - 12.0 $m^3$/day during closure, sourced from Whale Tail Lake (South Basin).
- Truck shop:
  - 103.1 $m^3$/day from January 2018 to the end of operations.
- Drilling water for open pits:
  - 48.0 $m^3$/day from the initiation of the Whale Tail Pit to December 2018;
  - 24.0 $m^3$/day from January 2019 to June 2019; and
  - 48.0 $m^3$/day from July 2019 to the end of operations.
- The water intake from Mammoth Lake for the emulsion plant is estimated to be approximately 2.9 $m^3$/day, or 1,060 $m^3$/year. This volume is considered to be negligible and was not considered in the Project's water balance.
- Dust control was not considered in the Project's water balance given that its volume is expected to be fully lost to evaporation without runoff generation to Project storages. This approach is consistent with guidance from Agnico Eagle.
- 1% of the ore's weight trucked from the open pits to the Meadowbank mine was assumed to be saturated, as advised by Agnico Eagle.
- 3% of the waste rock's weight from the Underground Mine was assumed to be water, as advised by Agnico Eagle.

## 3.5 Hydrogeological Inputs

A numerical groundwater model was developed for the Expansion Project (Golder 2019b) and included two sets of predictions based on two scenarios:

- The Base Case: this scenario represents the best estimate of groundwater inflows and TDS based on the measured data.
- The Environmental Assessment (EA) Case: this scenario represents a more conservative, yet reasonable, scenario than the Base Case. This case was used for the water balance.

Table 2 and Table 3 present a summary of the groundwater inflows to the mine development areas during dewatering and mining for the Base Case and EA Case. Groundwater inflow to the IVR Pit during mining is not included as the pit is in permafrost (groundwater inflow is negligible).

The predicted inflows for the Whale Tail Pit, the Whale Tail Attenuation Pond and Whale Tail Lake (North Basin) are slightly greater (under 2%) under the EA Case than under the Base Case. The predicted inflows for the Underground Mine are approximately 2 to 3 times greater under the EA Case than for the Base Case.

The EA Case was used over the Base Case in the water balance, affecting the water balance as follows:

- No change in groundwater flow to the Whale Tail Attenuation Pond/Whale Tail Lake (North Basin);
- An increase in the outflow from the Attenuation Pond/ North Basin of up to 1%;
- An increase in inflows to GSPs for treatment.

**Table 2: Predicted Groundwater Inflow during Dewatering and Mining - Whale Tail Pit and Underground**

| Phase | Time Period | Whale Tail Pit Groundwater Inflow ($m^3$/day) | | | Underground Groundwater Inflow ($m^3$/day) | | |
|---|---|---|---|---|---|---|---|
| | | Base Case | EA Case | Percent Increase | Base Case | EA Case | Percent Increase |
| Lake Dewatering | March-July 2019 | NA | NA | NA | NA | NA | NA |
| Mining | August-December 2019[1] | 970 | 970 | 0.0% | NA | NA | NA |
| | 2020 | 1160 | 1170 | 0.9% | 20 | 60 | 200% |
| | 2021 | 1310 | 1320 | 0.8% | 30 | 70 | 133% |
| | 2022 | 1340 | 1360 | 1.5% | 110 | 250 | 127% |
| | 2023 | 1340 | 1360 | 1.5% | 180 | 420 | 133% |
| | 2024 | 1340 | 1350 | 0.7% | 170 | 410 | 141% |
| | 2025 | 1340 | 1350 | 0.7% | 130 | 340 | 162% |

Notes:
[1] Mining prior to Q4 2019 is within permafrost and groundwater inflow is negligible.
NA = not applicable; % = percent

**Table 3: Predicted Groundwater Inflow during Dewatering and Mining - Whale Tail Attenuation Pond and Whale Tail Lake (North Basin)**

| Phase | Time Period | Whale Tail Attenuation Pond Groundwater Inflow ($m^3$/day) | | | Whale Tail Attenuation Pond Outflow ($m^3$/day) | | | Whale Tail Lake (North Basin) Groundwater Inflow ($m^3$/day) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Base Case | EA Case | Percent Increase | Base Case | EA Case | Percent Increase | Base Case | EA Case | Percent Increase |
| Dewatering | Match-August 2019 | NA | NA | NA | NA | NA | NA | 1320 | 1330 | NA |
| Mining | August-December 2019 | 350 | 350 | 0% | 180 | 180 | 0.0% | 650 | 650 | 0% |
| | 2020 | 120 | 120 | 0% | 860 | 860 | 0.0% | 720 | 720 | 0% |
| | 2021 | 90 | 90 | 0% | 1040 | 1050 | 1.0% | 730 | 730 | 0% |
| | 2022 | 90 | 90 | 0% | 1080 | 1090 | 0.9% | 720 | 720 | 0% |
| | 2023 | 90 | 90 | 0% | 1080 | 1090 | 0.9% | 720 | 720 | 0% |
| | 2024 | 90 | 90 | 0% | 1080 | 1090 | 0.9% | 720 | 720 | 0% |
| | 2025 | 90 | 90 | 0% | 1080 | 1090 | 0.9% | 720 | 720 | 0% |

Notes:

[1] Predictions of groundwater inflow to North Basin of Whale Tail lake represents the discharge of groundwater to the lake basin during dewatering and mining. This excludes discharges to the pit and Whale Tail Attenuation Pond, which are within the North Basin of Whale Tail Lake.

NA = not applicable, % = percent

Table 4 and Table 5 present a summary of the updated predicted Base Case and EA Case groundwater flow rates to the mine development areas during reflooding at closure. Groundwater inflow to/from the IVR Pit during mining is not included as the pit is in permafrost (groundwater inflow is negligible).

The groundwater inflows to Whale Tail Pit at closure are initially up to 100% higher in the EA case, with the disparity shrinking gradually until 2037, when the EA Case groundwater inflows equal the base case. The groundwater inflows to the Whale Tail Attenuation Pond range from 3% higher to 6% lower than for the Base Case. The net groundwater outflow from the Whale Tail Lake (North Basin) ranges -1% and 1% of the Base Case values. EA Case groundwater flows to the underground range from inflows up to 7 times higher, to outflows up to 1.5 times lower than for the Base Case.

**Table 4: Predicted Groundwater Inflow during Closure - Whale Tail Pit, Whale Tail Attenuation Pond and Whale Tail Lake (North Basin)**

| Phase | Time Period | Whale Tail Pit Groundwater Inflow/Outflow ($m^3$/day) | | | Whale Tail Attenuation Pond Groundwater Inflow ($m^3$/day) | | | Whale Tail Lake (North Basin) Net Groundwater Discharge to Surface ($m^3$/day) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Base Case | EA Case | Percent Increase | Base Case | EA Case | Percent Increase | Base Case | EA Case | Percent Increase |
| Flooding | 2026 | NA | NA | NA | 145 | 150 | 3% | 340 | 345 | 1% |
| | 2027 | NA | NA | NA | 170 | 170 | 0% | 340 | 345 | 1% |
| | 2028 | NA | NA | NA | 180 | 180 | 0% | 345 | 345 | 0% |
| | 2029 | NA | NA | NA | 185 | 180 | -3% | 345 | 345 | 0% |
| | 2030 | 10 | 20 | 100% | 190 | 185 | -3% | 345 | 345 | 0% |
| | 2031 | 60 | 90 | 50% | 180 | 170 | -6% | 345 | 345 | 0% |
| | 2032 | 90 | 130 | 44% | 170 | 160 | -6% | 345 | 340 | -1% |
| | 2033 | 120 | 170 | 42% | 160 | 150 | -6% | 340 | 340 | 0% |
| | 2034 | 130 | 170 | 31% | 155 | 145 | -6% | 340 | 335 | -1% |
| | 2035 | 700 | 730 | 4% | 125 | 120 | -4% | 330 | 330 | 0% |
| | 2036 | 1160 | 1170 | 1% | 85 | 85 | 0% | 300 | 300 | 0% |
| | 2037 | 910 | 910 | 0% | 90 | 90 | 0% | 300 | 300 | 0% |
| | 2038 | 360 | 360 | 0% | 115 | 115 | 0% | 315 | 315 | 0% |
| | 2039 | -30 | -30 | 0% | 70 | 70 | 0% | 370 | 370 | 0% |
| | 2040 | -10 | -10 | 0% | 0 | 0 | 0% | 155 | 155 | 0% |
| | 2041 | 0 | 0 to -5 | 0% | 0 | 0 | 0% | -10 | -10 | 0% |

Notes:
Positive values indicate flow to the pit/pond and negative values indicate flow to bedrock.
NA = not applicable; % = percent

**Table 5: Predicted Groundwater Inflow during Closure - Underground**

| Phase | Time Period | Underground Net Groundwater Inflow/Outflow ($m^3$/day) | | |
|---|---|---|---|---|
| | | Base Case | EA Case | Percent Increase |
| Flooding | 2026 | -30 | 10 | 133% |
| | 2027 | <-5 | 30 | 700% |
| | 2028 | <-5 | 20 | 500% |
| | 2029 | <-5 | 10 | 300% |
| | 2030 | <-5 | 10 | 300% |
| | 2031 | <-5 | 5 | 200% |
| | 2032 | <-5 | 5 | 200% |
| | 2033 | -5 | -5 | 0% |
| | 2034 | -10 | -5 | 50% |
| | 2035 | -10 | -10 | 0% |
| | 2036 | -10 | -15 | -50% |
| | 2037 | -10 | -20 | -100% |
| | 2038 | -25 | -35 | -40% |
| | 2039 | -15 | -25 | -67% |
| | 2040 | -10 | -25 | -150% |
| | 2041 | -10 | -20 | -100% |

Notes:
Positive values indicate flow to the pit/pond and negative values indicate flow to bedrock.
NA = not applicable; % = percent

# 4.0 UPDATES TO THE WATER BALANCE

Since the submission of the water balance report in support of the Expansion Project FEIS Addendum (Golder 2018a), several inputs to the water balance have been refined:

- Updated Project layout (Appendix B) and watershed areas. Differences can be attributed to the following:
  - Change in the location of ore, overburden and non-potentially acid generating (NPAG) stockpiles;
  - Updated Whale Tale WRSF Dike alignment provided by SNC Lavalin (2019), with input from Golder;
  - Updated watershed areas delineations provided by SNC Lavalin (2019), with input from Golder; and
  - Updates to the GSP footprints.

Table 6 compares the areas from the FEIS Addendum water balance Golder (2018a) and the updated water balance.

- Runoff and seepage from the WRSFs:

  Previously, runoff from the WRSFs was conservatively estimated as 50% and 70% of rainfall/snowmelt during operations and closure, respectively. Seepage was estimated as the overflow from the stockpile once the retention capacity (assumed to be up to 5% water by mass) has been reached. However, OKC has since performed hydrological modelling and updated the water balances for the Whale Tail and IVR WRSFs. A draft memorandum of the hydrological modelling results is available in Appendix E and is summarized here.

  OKC performed hydrological modelling to assist in developing the expected seasonal active layer thickness for the Whale Tail and IVR WRSFs. As a part of this study, estimates of runoff, interflow and basal seepage rates for the WRSF were developed. The results of the surface water balance for the WRSFs indicate that the hydrologic regimes are expected to be different for the north and south aspects of the WRSFs and for bare waste rock versus the cover system. However, the general runoff for the WRSFs can be summarized as a percentage of annual presentation. Runoff from the WRSF is an average of 5% of annual precipitation, with the majority of runoff (4%) occurring as a result of spring melt. For the purposes of the water balance presented in this report, this annual runoff is constant in operations and closure as the model results assume no change in runoff due to the placement of the closure cover.

  The OKC modelling indicates a high infiltration capacity. As water infiltrates into the surficial materials, it eventually freezes at depth. The base layer of the WRSF is predicted to be consistently frozen from the time of placement. As a result, basal seepage from the WRSFs is negligible.

- Dewatering schedule:

  The dewatering schedule has been modified slightly. Where previously the dewatering to Whale Tail Lake (South Basin) was assumed to occur between March and June 2019, the schedule has been split into two phases: Phase 1 is initiated in March 2019 for approximately 45 days; Phase 2 starts in June 2019.

- Treatment:

  The O-WTP is available starting in March 2019 instead of June 2019.

- Consumptive Flows:

  To accommodate increased camp capacity during operations, Camp water use now increases from 77.8 $m^3$/day to 192 $m^3$/day from January 2021 to the end of operations.

- Hydrogeological inputs:

  The groundwater model inputs are based on the latest EA Case hydrogeological predictions presented in Golder 2019b). A summary of the hydrogeological predictions is presented in Section 3.5. The updated groundwater flows for the Whale Tail Pit range from 1% - 15% lower than predicted for the Expansion Project FEIS Addendum. Groundwater to the underground is 14% to 21% lower. Groundwater flows to the Whale Tail Attenuation Pond and Whale Tail Lake (North Basin) remain unchanged.

The impacts of these modifications on the water balance are highlighted in the relevant sections of this report.

**Table 6: Change in Facility Watershed Areas**

| Facility | Time Period | Maximum Contributing Watershed Area ($km^2$) | | Percent Difference (%) |
|---|---|---|---|---|
| | | FEIS Addendum | Update | |
| Quarry 1 | Baseline | 0.04 | 0.04 | 0.3 |
| | 2018 to June 2019 | 1.48 | 1.62 | 9.4 |
| GSP-1 | Baseline | 0.117 | 0.140 | 19.6 |
| | 2018 to Closure | 0.162 | 0.156 | -3.7 |
| | Closure to Post-Closure | 0.117 | 0.140 | 19.6 |
| GSP-2 | Baseline to 2022 | 0.034 | 0.078 | 129.3 |
| | 2022 to Closure | 0.034 | 0.078 | 129.3 |
| | Closure to Post-Closure | 0.034 | 0.062 | 82.1 |
| Underground Mine | Baseline to Post-Closure | 0.011 | 0.011 | -3.0 |
| Northeast sector | Baseline to July 2020 | 1.880 | 1.91 | 1.5 |
| | July 2020 to Post-Closure | 0.643 | 0.684 | 6.4 |
| Whale Tail WRSF | Baseline to Post-Closure | 1.10 | 1.09 | -0.7 |
| North Sector | Baseline to Post Closure | 0.289 | 0.243 | -16.1 |
| Whale Tail Pit | Baseline to Closure | 1.16 | 1.17 | 0.6 |
| | Closure (> IVR Pit full) to Post-Closure) | 29.5 | 29.8 | 1.1 |
| Whale Tail Lake (North Basin) / Whale Tail Attenuation Pond | Baseline to 2019 | 28.4 | 28.6 | 0.7 |
| | 2019 | 3.86 | 3.05 | -20.9 |
| | Whale Tail Lake (North) Dewatered to Closure | 5.07 | 5.16 | 1.8 |
| IVR Pit | Q3 2020 to Closure | 1.05 | 1.18 | 12.0 |
| | Closure to Post-Closure | 27.3 | 25.4 | -6.9 |
| IVR WRSF | Baseline to Closure | 0.788 | 0.92 | 16.2 |
| | Closure to Post-Closure | 0.822 | 0.977 | 18.9 |
| IVR Attenuation Pond | Baseline to 2022 | 1.35 | 1.32 | -2.5 |
| | 2022 to Closure | 6.42 | 6.48 | 0.9 |
| | Closure to Post-Closure | 1 | 0.86 | -14.1 |
| Whale Tail Lake (South Basin) | Baseline | 22.3 | 22.3 | 0.0 |
| | Construction to Closure | 28.7 | 28.8 | 0.3 |
| | Closure to Post-Closure | 22.3 | 22.3 | 0.0 |

# 5.0 MEAN ANNUAL WATER BALANCE

## 5.1 Quarry 1

### 5.1.1 Catchment Characteristics and Water Management

Prior to mining activities, the natural area of Quarry 1 drains to Whale Tail Lake (North Basin). The Quarry 1 catchment is primarily used to manage contact water until Whale Tail Lake (North Basin) is dewatered and the Whale Tail Attenuation Pond becomes available. Contact water accumulated in Quarry 1 is discharged entirely to Lake A16 (Mammoth Lake) through the O-WTP once available in March 2019. Quarry 1 becomes part of the Whale Tail Pit thereafter.

An overview of the local Quarry 1 catchment, along with natural and operational drainage pathways, is provided in Figure 6.

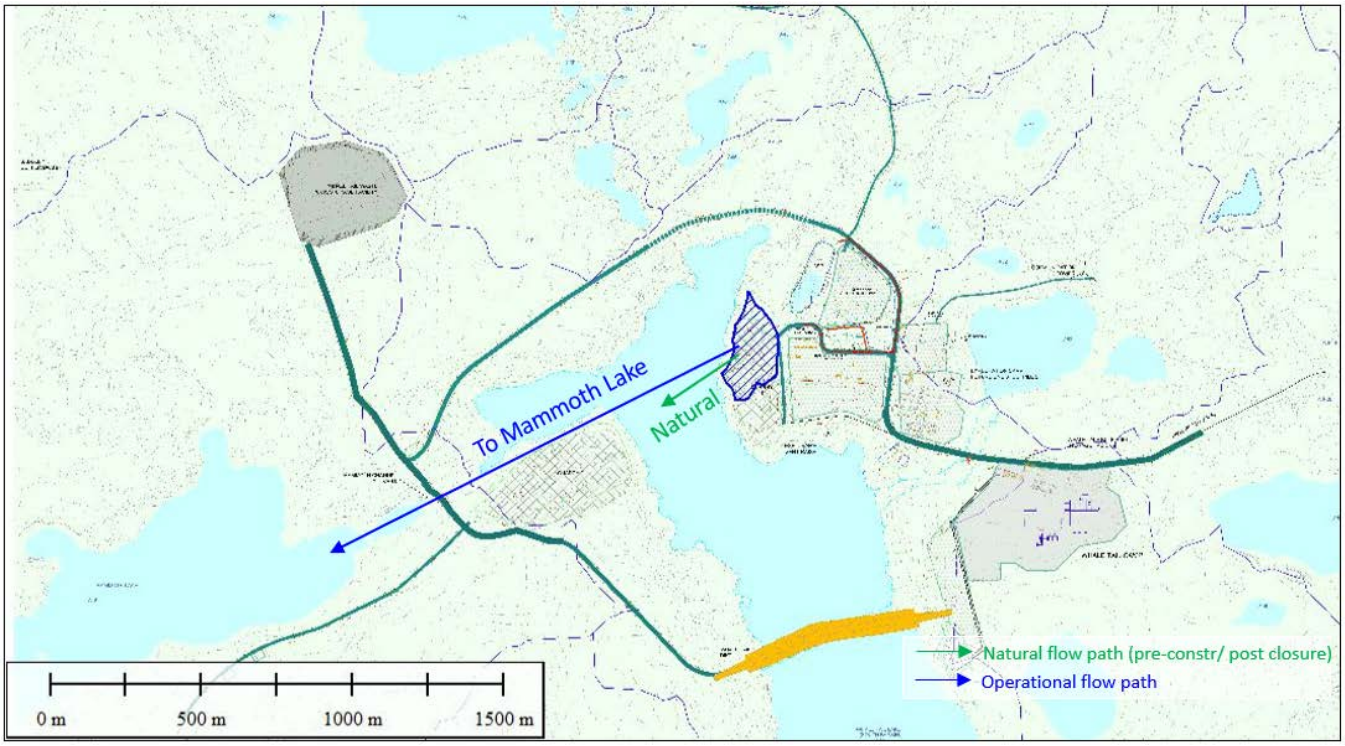


**Figure 6: Quarry 1 Catchment Overview**

Storage characteristics are summarized in Table 7, and elevation-storage-area relationships are provided in Appendix C. Drainage areas of Quarry 1 over time are summarized in Figure 7.

Quarry 1 has a baseline drainage area of 0.040 km$^2$. Contributing catchments - the Starter Pit, Whale Tail WRSF, the Camp Sector (i.e., disturbed area surrounding the camp), the Industrial Sector (i.e., disturbed area east of Quarry 1 consisting of developed pad areas and ore stockpiles), and the Overburden Sector (i.e., disturbed area south of the Starter Pit consisting of construction material and ore stockpiles- increase the area to 1.62 km$^2$ in 2018 until the Whale Tail Attenuation Pond is available.

**Table 7: Storage Characteristics (Quarry 1)**

| Snapshot | Peak Drainage Area ($km^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage ($m^3$) | Water Surface Elevation (masl) | Storage ($m^3$) |
| Baseline | 0.040 | 155.00 | 0 | 155.00 | 0 |
| 2018 to June 2019 | 1.62 | 139.00 | 0 | 155.00 | 203,450 |

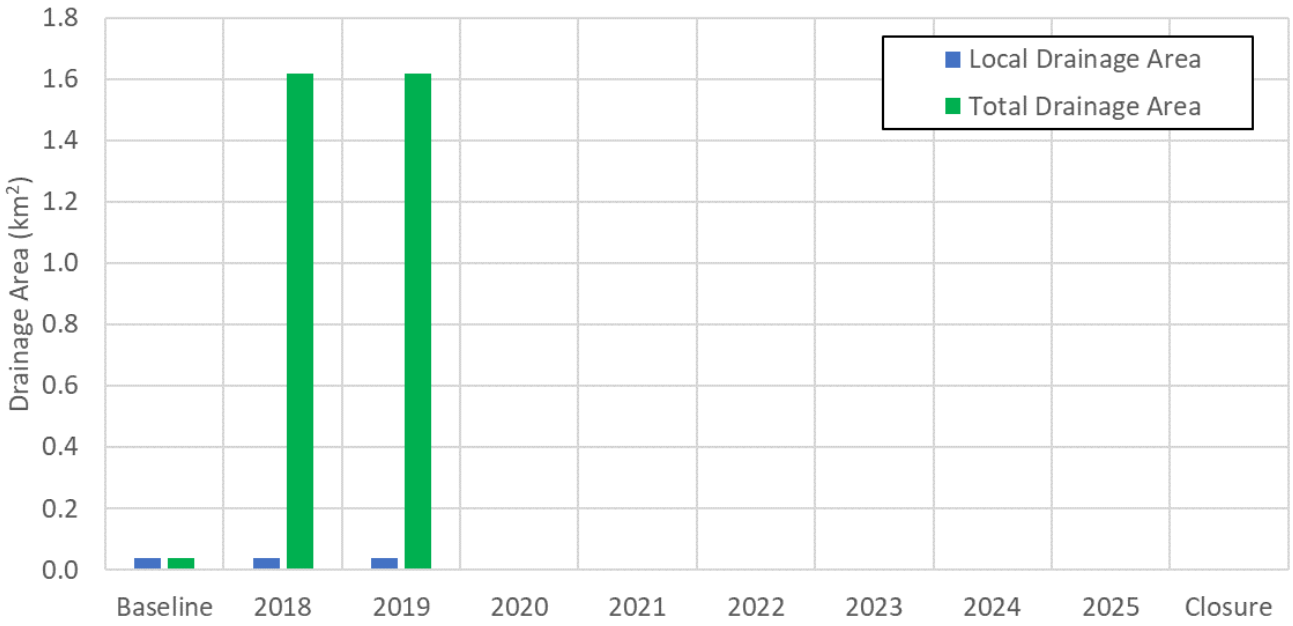


**Figure 7: Drainage Area Progression through the Project (Quarry 1)**

### 5.1.2 Water Balance

Inflows and outflows are summarized in Table 8, and presented in tabular form in Appendix F.

**Table 8: Water Balance Flow Components (Quarry 1)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 8 (Construction / Operations)<br>■ Figure 9 (Closure) | ■ Runoff from the Quarry drainage area | ■ Natural drainage | ■ 2018 | ■ June 2019 | ■ Catchment runoff until decommissioning of Quarry 1 by June 2019 once Whale Tail Lake (North Basin) is dewatered. |
| | ■ Runoff from the Starter Pit | ■ Pump / Pipeline | ■ July 2018 | ■ June 2019 | ■ Runoff collected from the Starter Pit until decommissioning of Quarry 1 by June 2019 once Whale Tail Lake (North Basin) is dewatered. |
| | ■ Runoff from the Whale Tail WRSF Contact Water Collection System | ■ Pump / Pipeline | ■ 2018 | ■ June 2019 | ■ Runoff collected from the Whale Tail WRSF until decommissioning of Quarry 1 by June 2019 once Whale Tail Lake (North Basin) is dewatered and Whale Tail Attenuation Pond becomes operational. |
| | ■ Runoff from the Industrial Sector, Overburden Sector and Camp Sector | ■ Pump / Pipeline | ■ 2018 | ■ June 2019 | ■ Runoff collected until decommissioning of Quarry 1 by June 2019 once Whale Tail Lake (North Basin) is dewatered and Whale Tail Attenuation Pond becomes operational.<br>■ Runoff diversion from the Camp Sector is initiated following completion of mining in Quarry 1 by end of July 2018. |
| | ■ Pumped flows from the Truck Shop | ■ Pump / Pipeline | ■ 2018 | ■ June 2019 | ■ Flow from the Truck Shop until decommissioning of Quarry 1 by June 2019 once Whale Tail Lake (North Basin) is dewatered and Whale Tail Attenuation Pond becomes operational. |
| | ■ Drilling Water | ■ Pump / Pipeline | ■ 2018 | ■ August 2018 | ■ Drilling water from Whale Tail Lake (South Basin) until mining of Quarry 1 is completed by August 2018. |
| OUTFLOWS | | | | | |
| ■ Figure 10 (Construction / Operations)<br>■ Figure 11 (Closure) | ■ Evaporation | ■ n/a | ■ 2018 | ■ June 2019 | ■ Evaporative losses proportional to the water surface area in Quarry 1. |
| | ■ Drawdown through O-WTP | ■ Pump / Pipeline | ■ June 2019 | ■ June 2019 | ■ Drawdown of Quarry 1 to Lake A16 (Mammoth Lake) via the O-WTP.<br>■ Drawdown volume is expected to be approximately 237,250 $m^3$. |

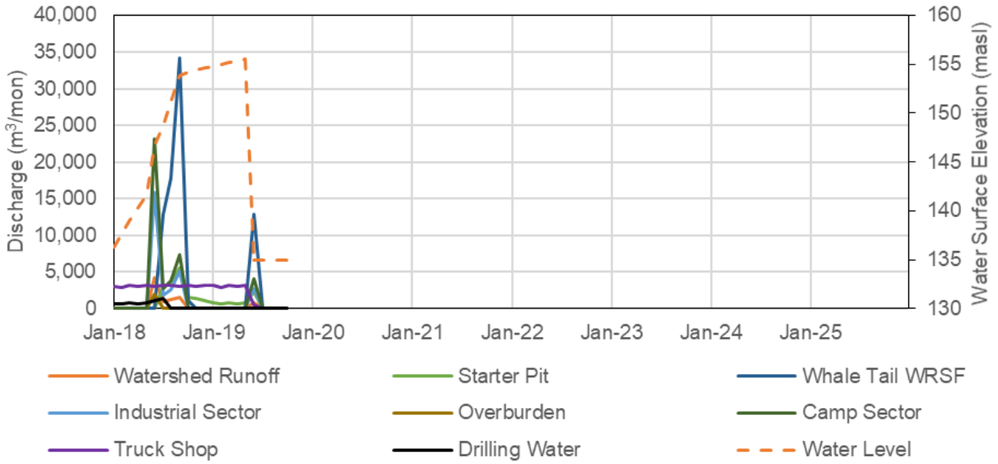


**Figure 8: Inflows to Quarry 1 (Construction and Operations)**

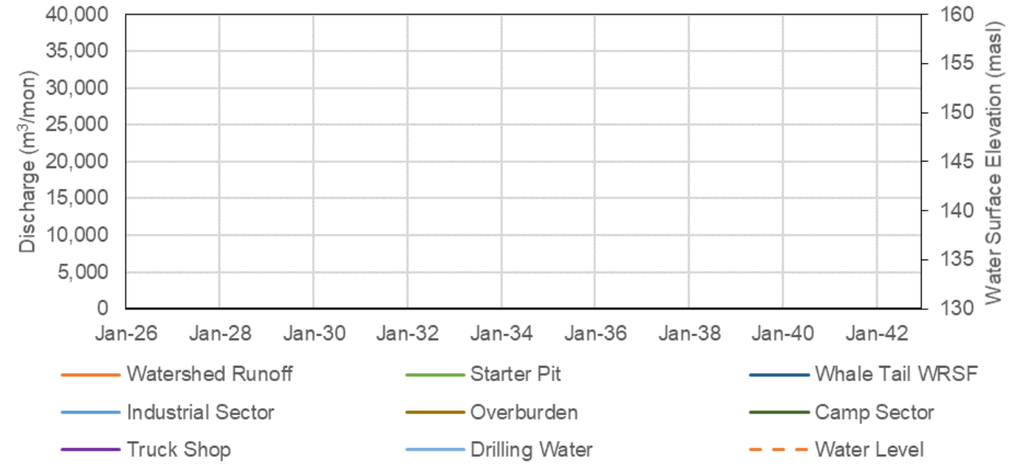


**Figure 9: Inflows to Quarry 1 (Closure) – Quarry 1 integrated into the pit, waters report to the pit**

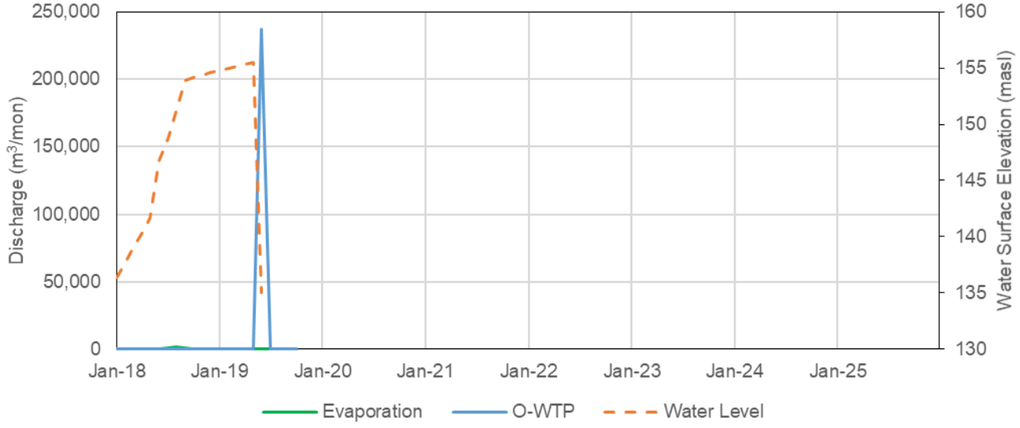


**Figure 10: Outflows from Quarry 1 (Construction and Operations)**

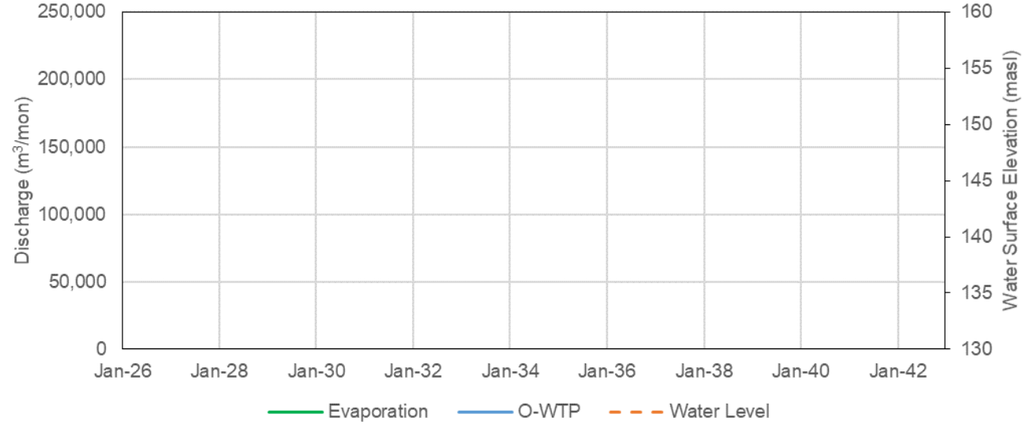


**Figure 11: Outflows from Quarry 1 (Closure) – Quarry 1 integrated into the pit, waters report to the pit**

### 5.1.3 Changes from the FEIS Addendum

The following changes are relevant to the Quarry 1 water balance:

- The total drainage area reporting to Quarry 1 is approximately 9% higher than for the Expansion Project FEIS Addendum reported in 2018 (Table 6). Other than the minor changes in catchment area due to the updated delineations, this increase is primarily due to the updated overburden and ore stockpile footprints.
- Changes to the runoff calculations for the Whale Tail WRSF. Although the runoff on the waste rock is significantly reduced, due to the small proportion of waste rock in the Whale Tail WRSF in the drainage area in 2018, there is only a small reduction in overall contribution from the WRSF drainage area.
- Dewatering schedule. In the model, once Whale Tail North is completely dewatered, flows are pumped to the Whale Tail Attenuation Pond instead of Quarry 1. Although the total volume dewatered from Whale Tail North remains constant, the schedule has changed (as described in Section 4.0). As a result, flows are still pumped to Quarry 1 in early June.

The combined impact of these changes results in an additional 52,400 $m^3$ reporting to Quarry 1 by June 2019 (240,730 $m^3$ compared with 188,330 $m^3$) (Figure 12).

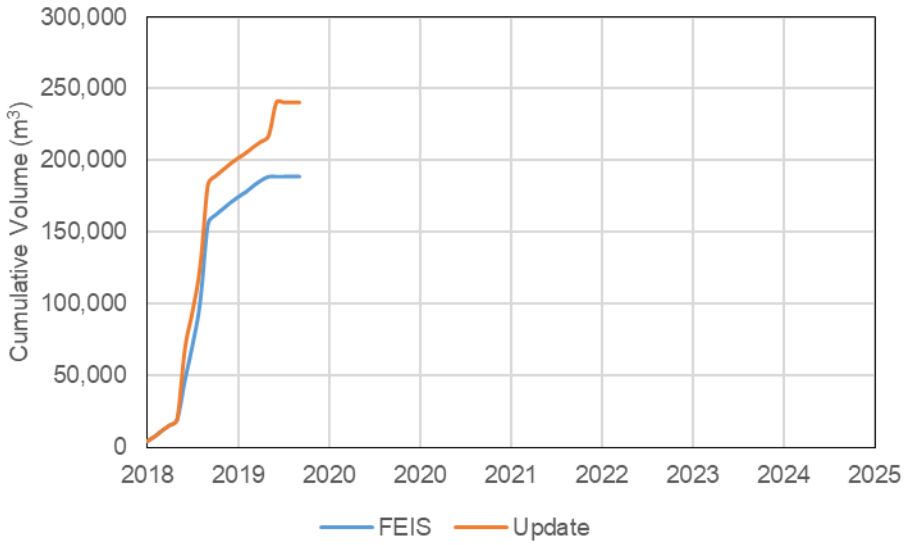


**Figure 12: Comparison of Cumulative Inflows to Quarry 1 under the FEIS Addendum and the Current Water Balances**

## 5.2 Groundwater Storage Pond System

A GSP system is designed to capture TDS (salt) affected waters. Up to three GSPs are planned to provide operational flexibility and adaptive management opportunity. GSP-1 is used to store high salinity water from early mining operations through the permafrost. GSP-2 is used to store low salinity water. A potential third pond is planned as a contingency.

### 5.2.1 Groundwater Storage Pond 1 (GSP-1)

#### *5.2.1.1 Catchment Characteristics and Water Management*

GSP-1 (former Pond AP-5) is located just northeast of, and drains naturally to, Whale Tail Lake. The pond is excavated and pumped dry prior to 2018 to permanently increase capacity in order to manage runoff, consumptive flows, groundwater inflows from the Underground Mine and the S-WTP (brackish) treatment unit brine concentrate reject throughout construction and operations. It is referred to as a GSP-1 once operational, and represented by GSP-1 in drawings provided in Appendix B. The purpose of this pond is to manage the high salinity flows from underground at the start of underground mining when a 20% brine is added to drilling water; and to receive the brine concentrate from S-WTP (brackish). This pond also receives excess water from the Whale Tail Attenuation Pond over the winter of 2019-2020, increasing its water level. The pond is subsequently flushed prior to freshet 2020 through the O-WTP to increase its storage capacity for the remainder of operations. An underground storage stope of approximately 10,000 $m^3$ capacity will also assist in retaining brine until January 2022 when it is pumped out to GSP-1.

The salt content of inflows from the Underground Mine is expected to decrease once underground development is advanced below the permafrost, after which drill water brining will stop and groundwater inflows will have a substantially lower natural TDS content (generally less than 1%; Golder 2016). This lower TDS water is managed separately in another Groundwater Storage Pond (GSP-2) to manage brackish water, as described in Section 5.2.1.3.

At closure, the content of GSP-1 is drawn down by pumping to flood the Underground Mine, and the empty pond is backfilled with clean (low leachable and non-acid generating (NML/NPAG)) waste rock, permanently reducing its storage to zero. Natural drainage patterns are then re-established towards Whale Tail Lake (North Basin) via the Whale Tail Pit.

An overview of the catchment, along with its drainage pathways, is provided in Figure 13.

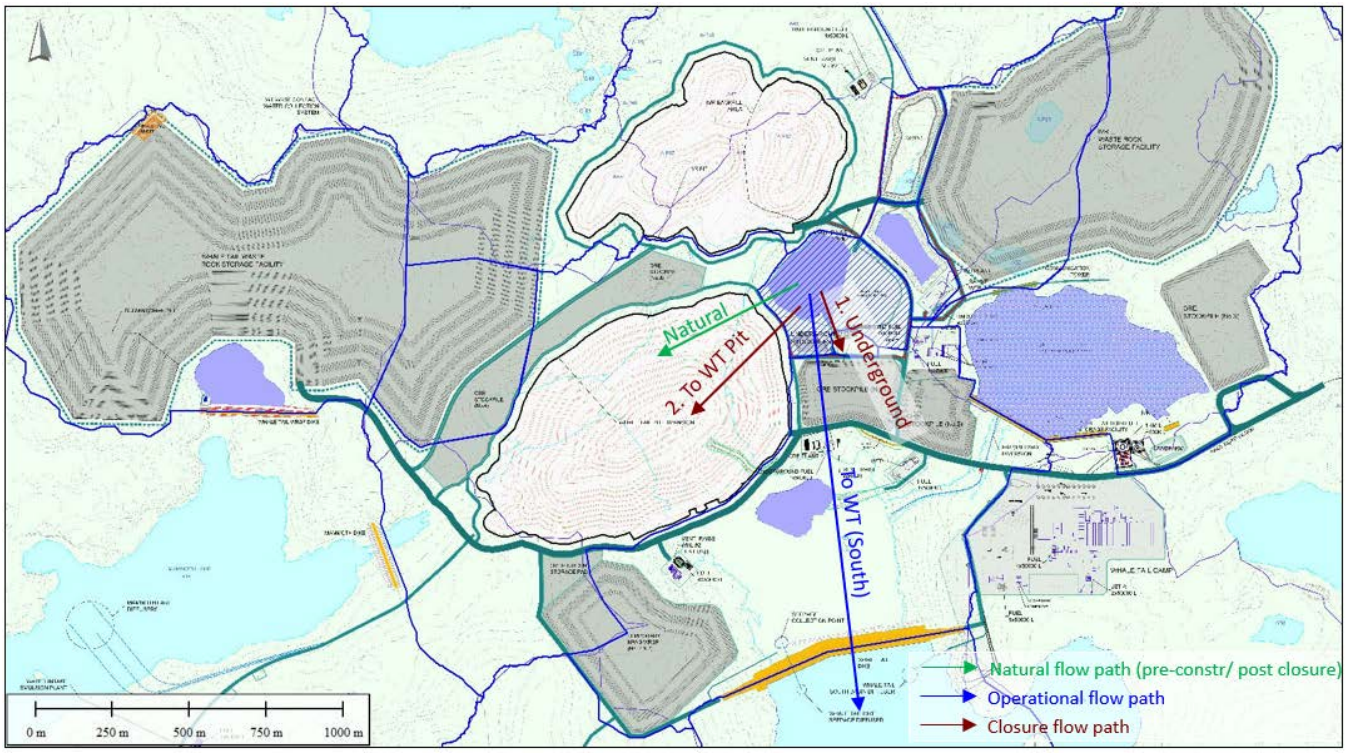


**Figure 13: GSP-1 Catchment Overview**

Storage characteristics are summarized in Table 9, and elevation-storage-area relationships are provided in Appendix D. Drainage areas of GSP-1 are summarized in Figure 14 through the Project.

The drainage area of GSP-1 increases temporarily from baseline conditions (0.140 km$^2$) to 0.156 km$^2$ due to the management of the Underground Mine overflow starting in 2018 until GSP-2 becomes operational in 2022. At closure, GSP-1 is backfilled and natural drainage patterns are re-established.

**Table 9: Storage Characteristics (GSP-1)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline | 0.140 | 160.9 | n/a | 160.9 | n/a |
| 2018 to 2022 | 0.156 | 144.0 – 160.9 | 0 – 309,150 | 160.9 | 309,150 |
| 2022 to Post-Closure | 0.140 | 160.9 | n/a | 160.9 | 0 |

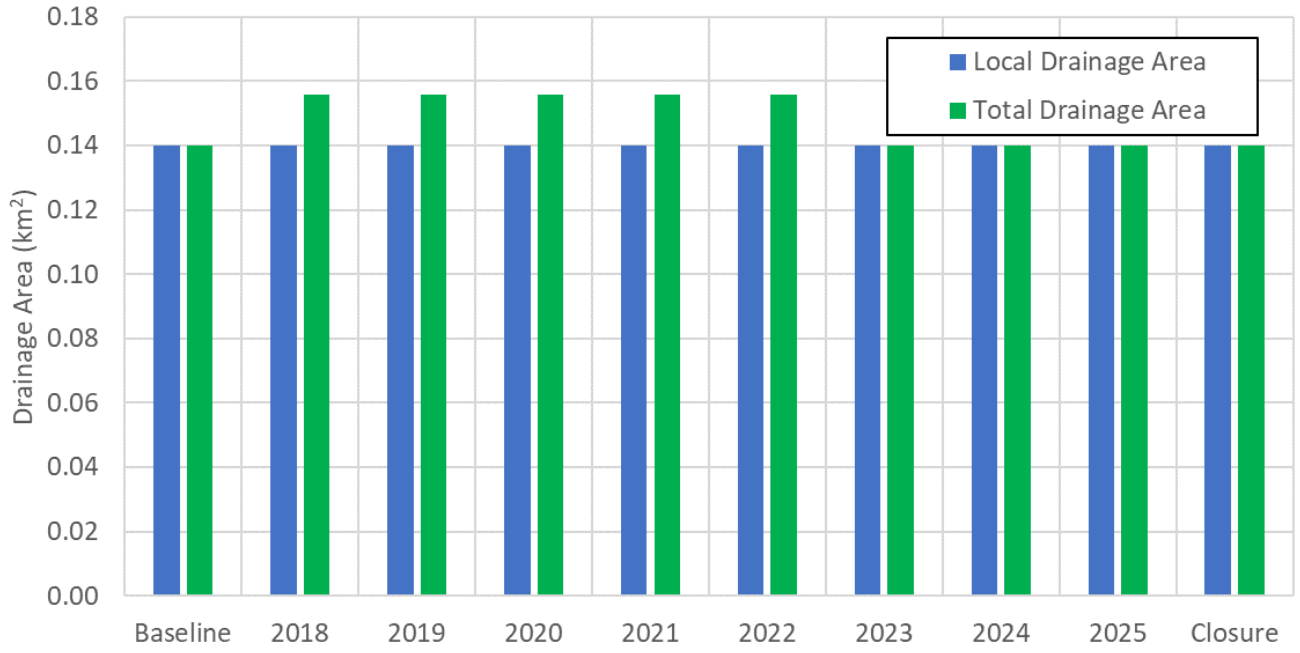


**Figure 14: Drainage Area Progression through the Project (GSP-1)**

### 5.2.1.2 Water Balance

Inflows and outflows are summarized in Table 10, and presented in tabular form in Appendix F.

**Table 10: Water Balance Flow Components (GSP-1)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 15 (Construction / Operations)<br>■ Figure 16 (Closure) | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be inversely proportional to the disturbed and waste rock pad areas. |
| | ■ Runoff from the waste rock pad | ■ Natural drainage | ■ 2018 | ■ Closure | ■ Runoff volumes are expected to be proportional to the area of the waste rock pad. |
| | ■ Overflow from the Underground Mine | ■ Pump / Pipeline | ■ 2018 | ■ Closure | ■ Overflow from the Underground Mine is expected by April 2020 to June 2022.<br>■ Overflow results primarily from groundwater inflows once the Underground Stope (intended to supplement the capacity of GSP-1) is full (assumed to be 10,000 $m^3$). |
| | ■ Drawdown from the Underground Stope | ■ Pump / Pipeline | ■ 2018 | ■ Closure | ■ Drawdown of the Underground Stope in January 2022. |
| | ■ Overflow from the Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ Oct 2019 | ■ May 2020 | ■ Overflow from the Whale Tail Attenuation Pond during frozen conditions from October 2019 to May 2020. |
| | ■ Brine from the S-WTP (brackish) Unit | ■ Pump / Pipeline | ■ Oct 2020 | ■ Closure | ■ S-WTP (brackish) brine concentrate reject from treatment of the Whale Tail Attenuation Pond during frozen conditions from October 2020 to May 2021.<br>■ S-WTP (brackish) brine concentrate reject from treatment of GSP-2 which collects excess groundwater inflows from the Underground Mine from May 2022 to Closure. |
| OUTFLOWS | | | | | |
| ■ Figure 17 (Construction / Operations)<br>■ Figure 18 (Closure) | ■ Evaporation | ■ n/a | ■ 2018 | ■ Closure | ■ Evaporative losses expected to be proportional to the water surface area of GSP-1.<br>■ At closure, GSP-1 is backfilled. It has negligible storage or evaporation potential. |
| | ■ Discharge to the Underground Mine | ■ Pump / Pipeline | ■ 2018 | ■ 2021 Level > -275 masl | ■ Supplemental consumptive flows to the Underground Mine when elevation of the development of the Underground Mine is shallower than -275 masl (i.e., below the base of the permafrost). |
| | ■ Drawdown to the O-WTP | ■ Pump / Pipeline | ■ Jun 2020 | ■ Jun 2020 | ■ Drawdown of GSP-1 to Lake A16 (Mammoth Lake) via the O-WTP in June 2020.<br>■ Intended to prevent untreated overflow of the GSP-1 to the receiving environment and dilution of high salinity waters. |
| | ■ Discharge to the S-WTP (brine) Unit | ■ Pump / Pipeline | ■ 2022 Level < -275 | ■ Closure | ■ Treatment at a rate of 60 $m^3$/day in 2022.<br>■ Treatment at a rate of 90 $m^3$/day from 2023 to closure.<br>■ Treated water (permeate) is discharged to Whale Tail Lake (South Basin). |
| | ■ Drawdown to the Underground Mine | ■ Pump / Pipeline | ■ Closure | ■ Closure | ■ Drawdown of GSP-1 to the Underground Mine to expedite refilling of the Underground Mine.<br>■ Drawdown is expected to be completed in January 2026. |
| | ■ Runoff to Whale Tail Pit | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Following drawdown, GSP-1 is backfilled with clean waste rock and its natural drainage patterns are re-established.<br>■ GSP-1 drains towards Whale Tail Lake via Whale Tail Pit. |

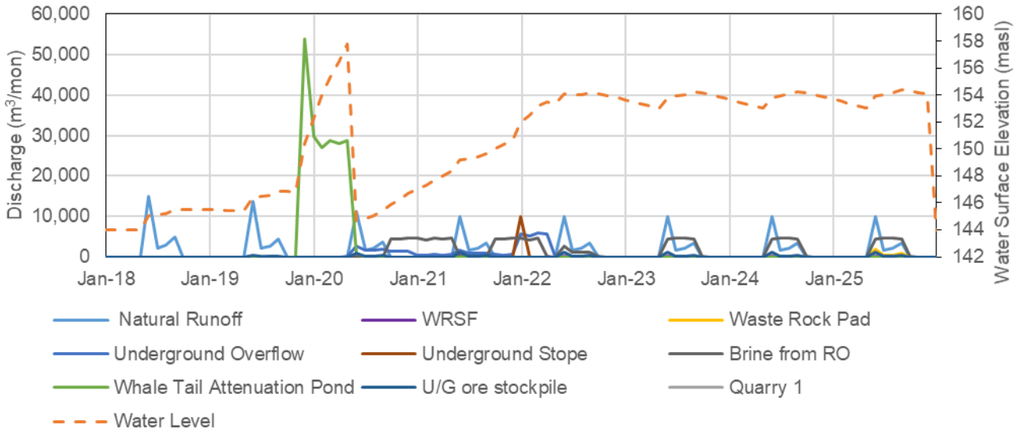


**Figure 15: Inflows to GSP-1 (Construction and Operations)**

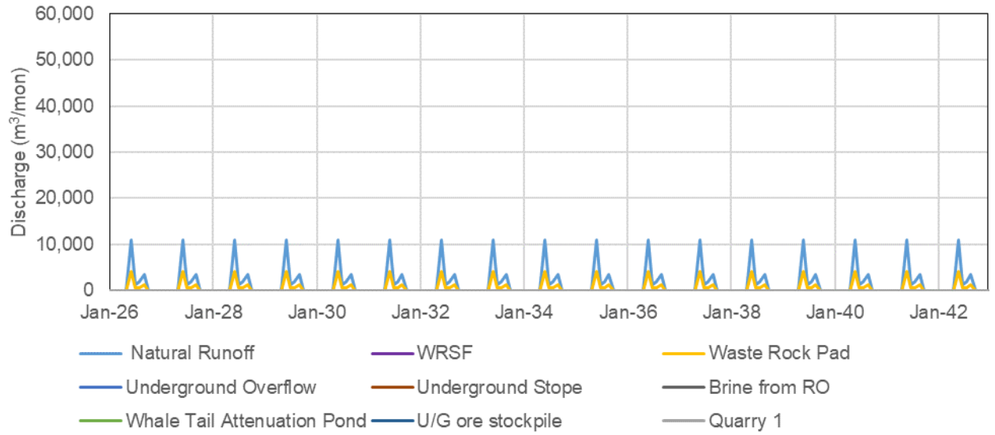


**Figure 16: Inflows to GSP-1 Area (Closure)**

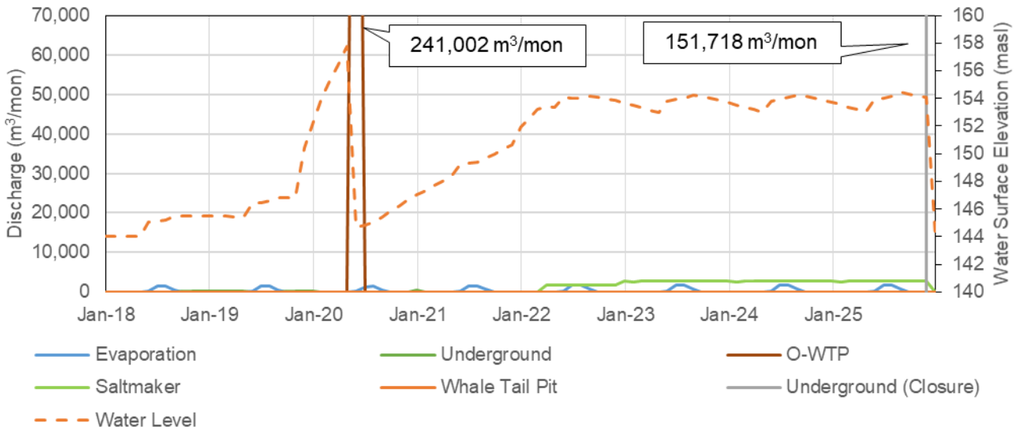


**Figure 17: Outflows from GSP-1 (Construction and Operations)**

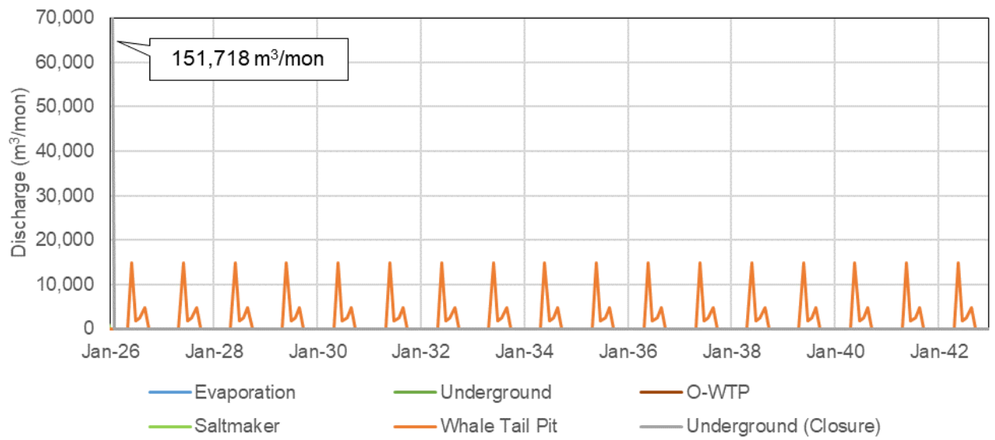


**Figure 18: Outflows from GSP-1 Area (Closure)**

#### 5.2.1.3 Changes from the FEIS Addendum

The following changes are relevant to the GSP-1 water balance:

- The local drainage area reporting to GSP-1 has increased from 0.12 km$^2$ to 0.14 km$^2$ (20%). This is due to the larger footprint of the GSP as well as the footprints of the underground waste pad and the underground ore stockpile. However, the total drainage area is slightly smaller (0.156 km$^2$ compared to 0.162 km$^2$). This is approximately 9% higher than reported for the FEIS Addendum reported in 2018 (Table 6).
- The reduction of runoff from the Underground WRSF based on the OKC method of calculating runoff. This reduction only applies during operations. Once this waste rock is moved underground at closure, runoff from the pad reverts to the original calculation method.
- The reduction of overflow from the underground due to the updated hydrogeological inputs. The impact of these inputs on the underground flows is discussed further in Section 5.3.3.

The impact of these changes results in a slight decrease (approximately 1%) in cumulative inflows to GSP-1 in operations (540,650 m$^3$ vs. 545,100 m$^3$). In closure however, there is more inflow to the watershed. By the time Whale Tail Lake (North Basin) reaches its final elevation in 2042, the cumulative inflows are 11% higher than for the FEIS case (947,100 m$^3$ vs 853,200 m$^3$) (Figure 19).

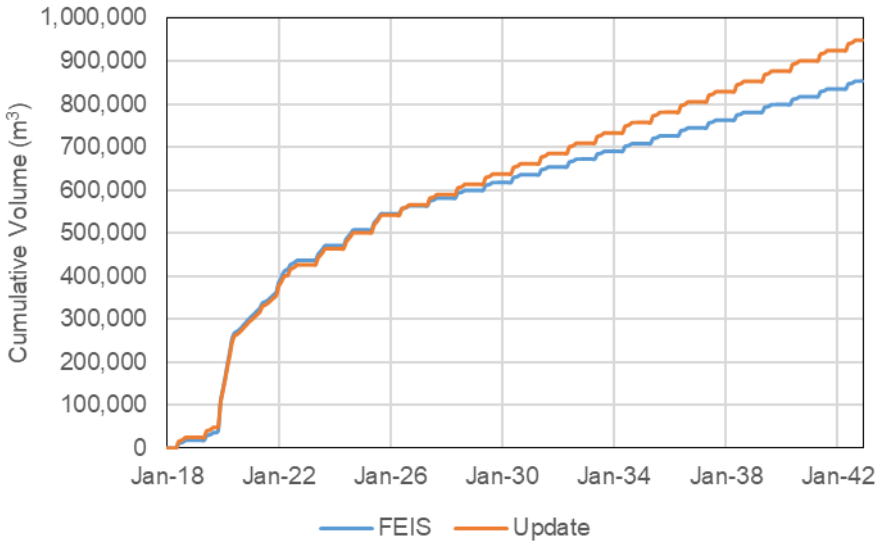


**Figure 19: Comparison of Cumulative Inflows to GSP-1 under the FEIS Addendum and the Current Water Balances**

### 5.2.2 Groundwater Storage Pond 2 (GSP-2)

#### 5.2.2.1 Catchment Characteristics and Water Management

The catchment of the Groundwater Storage Pond 2 (GSP-2) is located just east of the catchment of GSP-1 and naturally drains to Lake A50 or to the IVR WRSF Contact Water Collection System once operational (see Section 5.9.3). The catchment of GSP-2 is part of the Northeast Sector (see Section 5.2.2.3) until Q3 2020 when the IVR Pit is initiated. It then becomes part of the IVR WRSF catchment until GSP-2 becomes operational in 2022 to manage excess low salinity water from the Underground Mine. Water from this pond is treated through the S-WTP

(brackish), producing a brine concentrate (sent to GSP-1) and a clean water permeate (sent to Whale Tail Lake (South Basin)) until closure when GSP-2 is drawn down by pumping to the Underground Mine, backfilled with NML/NPAG waste rock, and the natural drainage patterns are re-established.

An overview of the catchment, along with its drainage pathways, is provided in Figure 20.

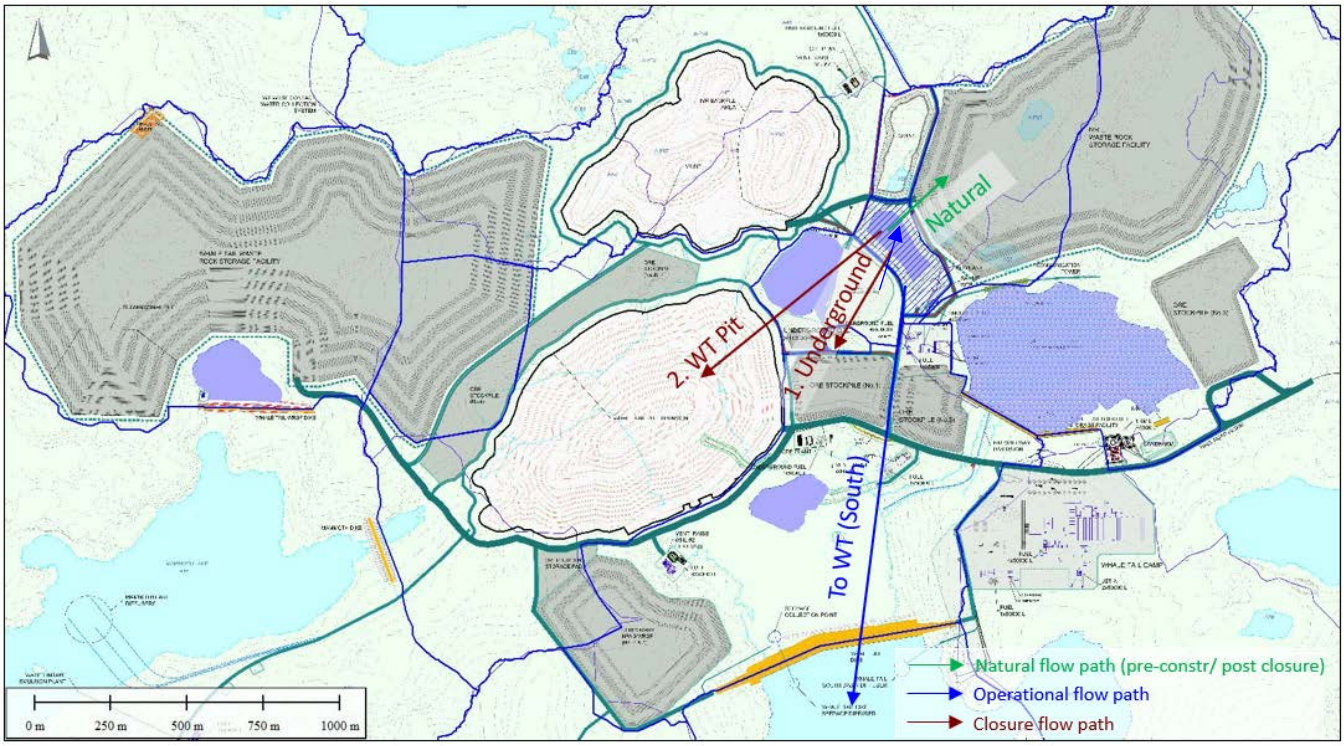


**Figure 20: GSP-2 Catchment Overview**

Storage characteristics, as determined based on this mean annual water balance, are summarized in Table 11. Drainage areas of GSP-2 are summarized in Figure 21.

The drainage area of GSP-2 is augmented from 0.062 km$^2$ to 0. 078 km$^2$ due to the management of the Underground Mine overflow starting in 2022. At closure, GSP-2 is backfilled and natural drainage patterns are re-established.

**Table 11: Storage Characteristics (GSP-2)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| 2022 to Closure | 0.078 | 142.0 – 160.0 | 0 - 352,900 | 160.0 | 352,900 |
| Closure to Post-closure | 0.062 | 160.0 | 0 | 160.0 | 0 |

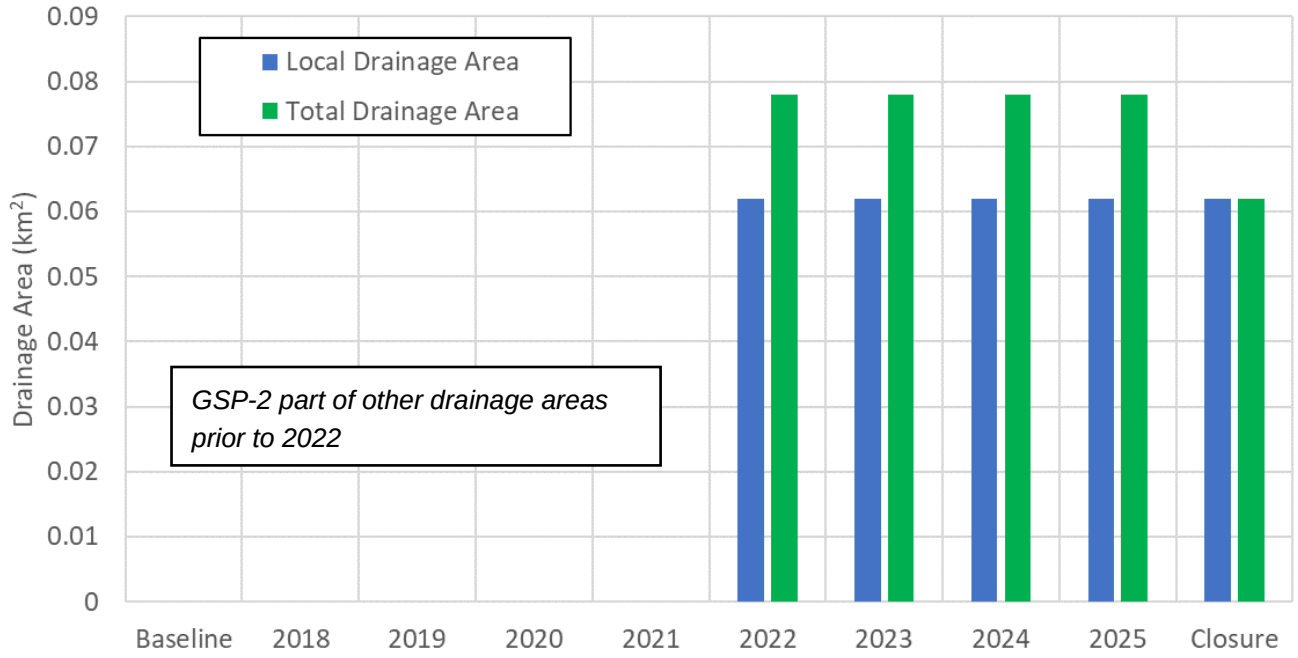


**Figure 21: Drainage Area Progression through the Project for GSP-2**

### 5.2.2.2 Water Balance

Inflows and outflows are summarized and discussed in Table 12, and presented in tabular form in Appendix F.

**Table 12: Water Balance Flow Components (GSP-2)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 22 (Construction / Operations)<br>■ Figure 23 (Closure) | ■ Watershed runoff | ■ Natural drainage | ■ 2022 | ■ Post-Closure | ■ Runoff to the GSP-2 catchment.<br>■ Prior to the initiation of GSP-2, runoff volumes are accounted for in the Northeast Sector until Q3 2020, and in the IVR WRSF catchment from Q3 2020 to 2022. |
| | ■ Low salinity overflow from the Underground Mine Sump | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Overflow from the Underground Mine Sump when salinity is appropriate to be managed through GSP-2.<br>■ Runoff volumes are expected to be consistent with groundwater inflows to the Underground Mine. |
| OUTFLOWS | | | | | |
| ■ Figure 24 (Construction / Operations)<br>■ Figure 25 (Closure) | ■ Evaporation | ■ n/a | ■ 2022 | ■ Closure | ■ Evaporative losses expected to be proportional to the water surface area of GSP-2.<br>■ At closure, GSP-2 is backfilled. It has negligible storage or evaporation potential. |
| | ■ Discharge to the S-WTP (brackish) | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff treatment at a maximum rate of 1,000 $m^3$ per day.<br>■ Resulting brine concentrate (assumed to be 15% of the treated volume) is conveyed to GSP-1.<br>■ Resulting treated water permeate (assumed to be 85% of the treated volume) is conveyed to Whale Tail Lake (South Basin). |
| | ■ Drawdown to the Underground Mine | ■ Pump / Pipeline | ■ Closure | ■ Closure | ■ Drawdown of GSP-2 to the Underground Mine in January 2026 prior to backfilling. |

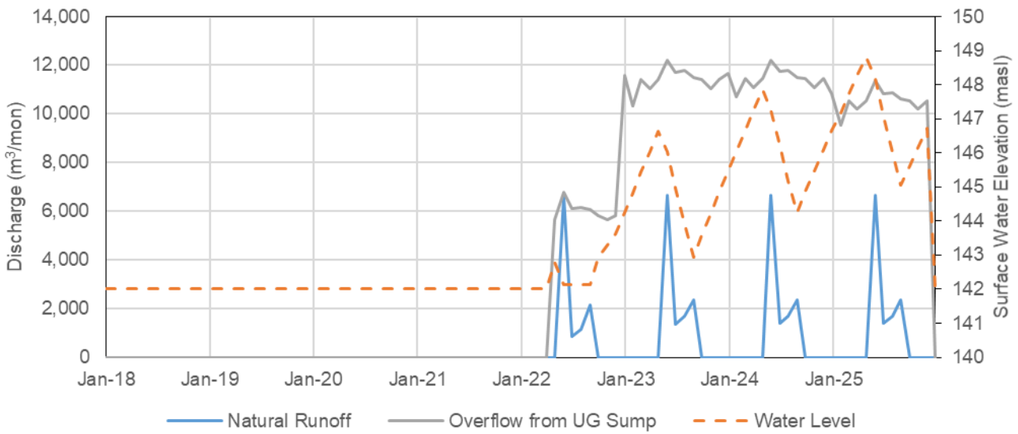


**Figure 22: Inflows to GSP-2 (Construction and Operations)**

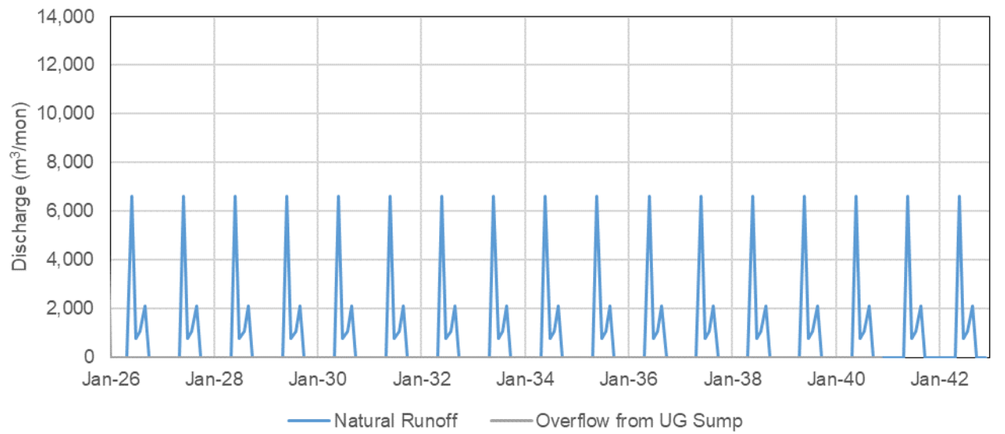


**Figure 23: Inflows to GSP-2 (Closure)**

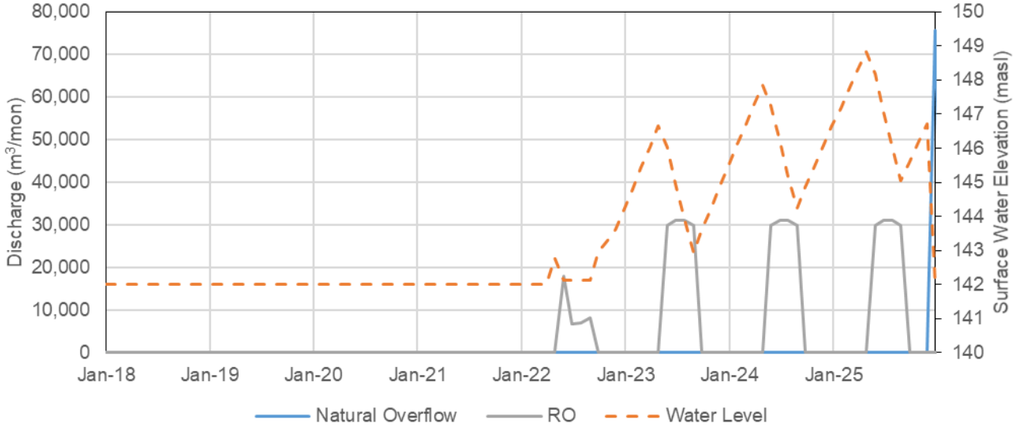


**Figure 24: Outflows from GSP-2 (Construction and Operations)**

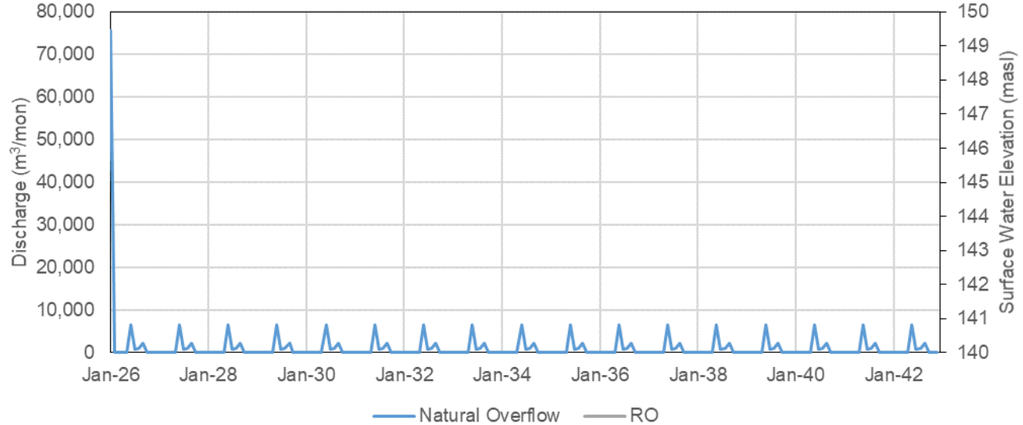


**Figure 25: Outflows from GSP-2 (Closure)**

#### 5.2.2.3 Changes from the FEIS Addendum

The following changes are relevant to the GSP-2 water balance:

- The previous model did not have a defined location or footprint for GSP-2. GSP-2 has since been defined, with the storage curve presented in Appendix D. The local drainage area is also now defined. As a result, the local drainage area reporting to GSP-2 has increased by over 80%, from 0.034 $km^2$ to 0.062 $km^2$.
- The reduction of overflow from the underground due to the updated hydrogeological inputs. The impact of these inputs on the underground flows is discussed further in Section 5.3.3.

The impact of these changes results in a decrease (approximately 15%) in cumulative inflows to GSP-2 in operations (496,200 $m^3$ vs. 587,450 $m^3$). This changes in closure, when there is no longer overflow from the underground. By the time Whale Tail Lake (North Basin) reaches its final elevation in 2042, the cumulative inflows are only 1.5% lower than for the FEIS case (676,050 $m^3$ vs 686,600 $m^3$) (Figure 26).

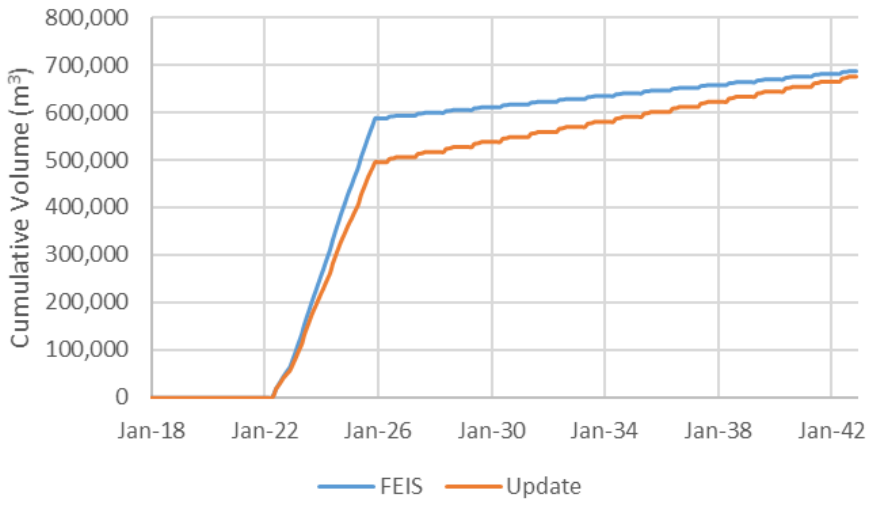


**Figure 26: Comparison of Cumulative Inflows to GSP-2 under the FEIS Addendum and the Current Water Balances**

### 5.2.3 Groundwater Storage Pond 3 (GSP-3)

Although currently not included in the water balance, GSP-3 is planned as a contingency for operational flexibility and adaptive management opportunities. The pond may provide additional storage capacity on surface if in the event of an increase in groundwater flows, or if underground storage is permanently or temporarily unavailable. This would allow for increased flexibility for treatment and discharge of site water.

If required, it would be constructed west of the IVR WRSF and north of GSP-2. Its potential location is shown in Figure 27. The potential catchment of GSP-3 is within the IVR Pit (see Section 5.8.3) watershed.

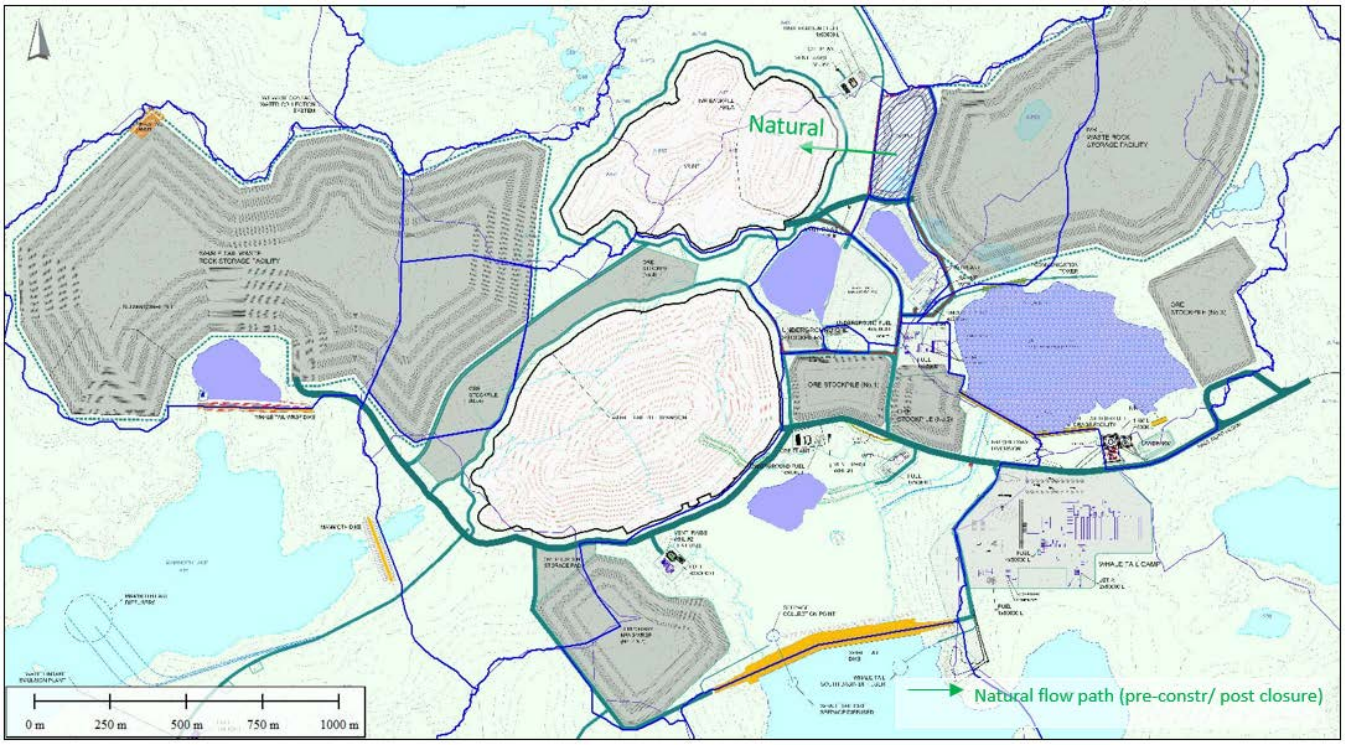


**Figure 27: GSP-3 Catchment Overview**

## 5.3 Underground Mine

### 5.3.1 Catchment Characteristics and Water Management

The catchment of the Underground Mine is located just northeast of, and drains naturally to, Whale Tail Lake. It includes the area south of GSP-1. Make-up water for the mine is supplied by GSP-1 (i.e., primary source), or by Lake C38 (Nemo Lake) (i.e., secondary source). Excess water volumes in the mine are managed through the Underground Mine Stope and GSP-1 (Section 5.2.1) for high salinity water, and through GSP-2 (Section 5.2.1.3) for low salinity water. If necessary, excess water volumes may also be managed in GSP-3 (Section 31).

At closure, the mine is partially backfilled by cemented rock fill and the remaining volume is flooded by water drawn down from the GSPs, the IVR Attenuation Pond, and Whale Tail Lake (South Basin). Once refilled, its water surface elevation is expected to remain below ground elevation at a maximum elevation of 152.5 masl (i.e., the baseline elevation of Whale Tail Lake) or less, depending on the groundwater regimes.

An overview of the catchment, along with its flow pathways, is provided in Figure 28.

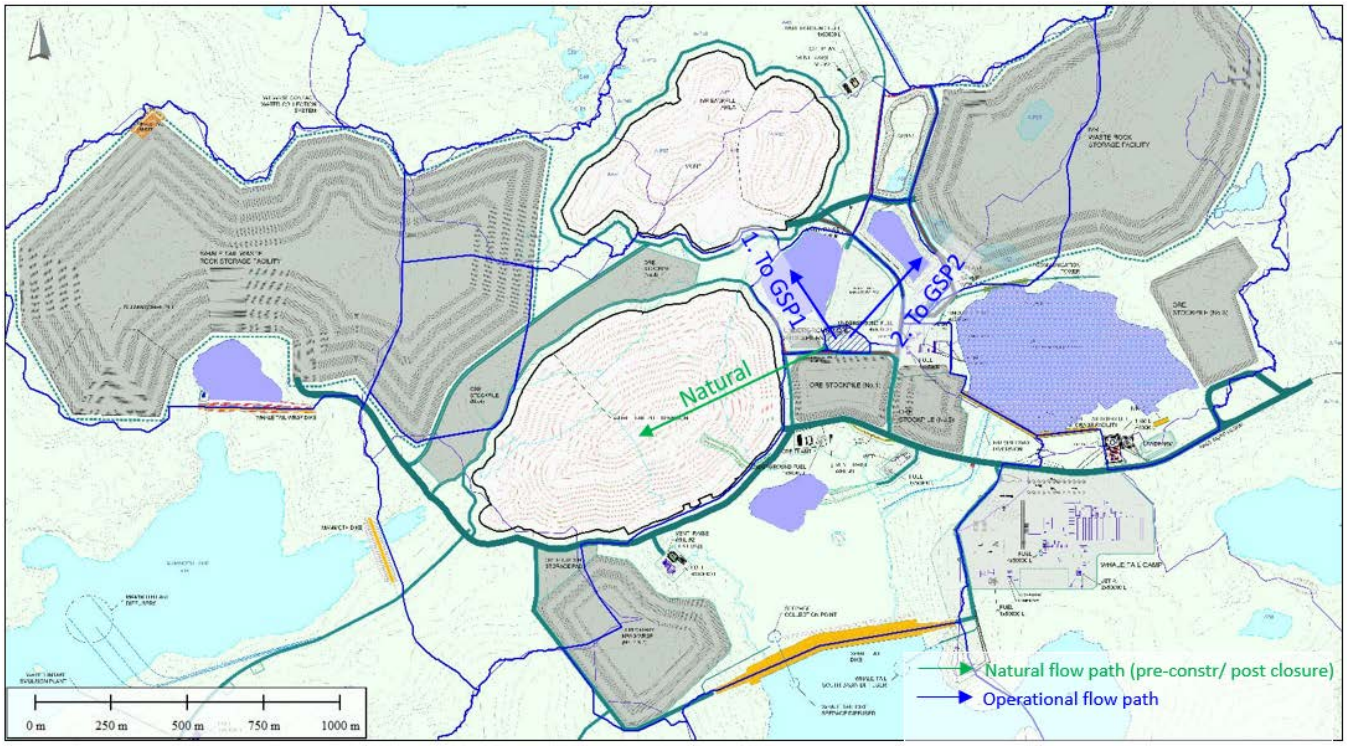


**Figure 28: Underground Mine Catchment Overview**

Storage characteristics are summarized in Table 13, and elevation-storage-area relationships are provided in Appendix C. Drainage areas of the underground are summarized in Figure 29.

The drainage area of Underground Mine remains constant at 0.011 km$^2$.

**Table 13: Storage Characteristics (Underground Mine)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to Post-Closure | 0.011 | -501.10 to 149.00 | 10,000 | 149.00 | 1,268,546* |

Note: * Accounts for backfilled volume and is representative of free water volume.

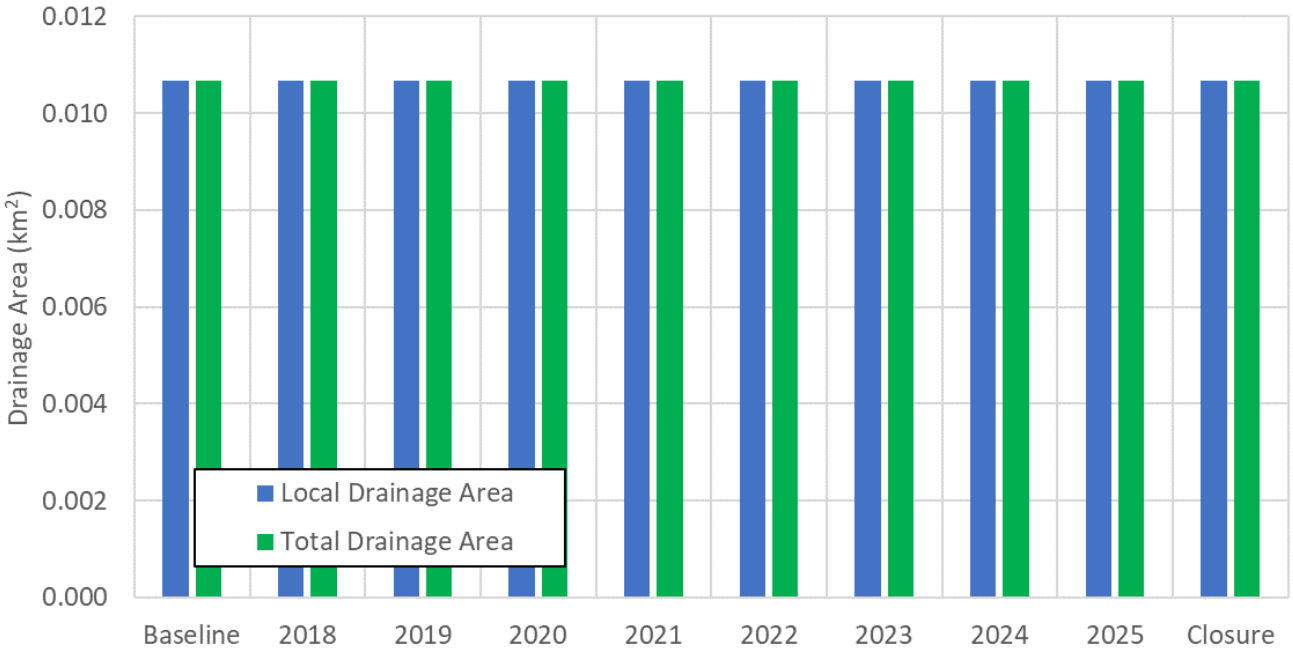


**Figure 29: Drainage Area Progression through the Project (Underground Mine)**

### 5.3.2 Water Balance

Inflows and outflows are summarized in Table 14, and presented in tabular form in Appendix F.

**Table 14: Water Balance Flow Components (Underground Mine)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 30 (Construction / Operations)<br>■ Figure 31 (Closure) | ■ Watershed runoff | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Annual runoff volumes are expected to be constant. |
| | ■ Make-up water from Nemo Lake | ■ Pump / pipeline | ■ 2018 | ■ 2018 | ■ Make-up water when the elevation of the Underground Mine is shallower than -275 masl.<br>■ Above this elevation, drilling fluid will be brined to facilitate operations within the permafrost.<br>■ Source of make-up water until GSP-1 is available to supply make-up water. |
| | ■ Make-up water from GSP-1 | ■ Pump / pipeline | ■ 2018 | ■ 2021 Level > -275 masl | ■ Make-up water when the elevation of the Underground Mine is shallower than -275 masl.<br>■ Above this elevation, drilling fluid will be brined to facilitate operations within the permafrost. |
| | ■ Recirculation of consumptive flows | ■ Pump / pipeline | ■ 2018 | ■ Closure | ■ Recirculation is assumed to be 100%.<br>■ Consumption is expected to be consistent with the extraction rate of waste rock. |
| | ■ Groundwater | ■ Natural drainage | ■ 2020 | ■ Post-Closure | ■ Groundwater inflows are expected by January 2020.<br>■ Groundwater volumes are expected to increase in 2022, and in 2023, as the mine progresses below the permafrost.<br>■ Groundwater volumes are expected to decrease slightly in 2025, and further decrease as the mine is refilled. |
| | ■ Drawdown of Whale Tail Lake (South Basin) | ■ Pump / pipeline | ■ Closure | ■ Closure | ■ Drawdown of Whale Tail Lake (South Basin) from 156.0 masl to 152.5 masl to expedite refilling of the Underground Mine, initiated in May 2026.<br>■ The Underground Mine is expected to be refilled by May 2026. |
| | ■ Drawdown of the IVR Attenuation Pond, GSP-1 and GSP-2 | ■ Pump / pipeline | ■ Closure | ■ Closure | ■ Drawdown of the IVR Attenuation Pond, GSP-1 and GSP-2 to expedite refilling of the Underground Mine, initiated in January 2026.<br>■ The Underground Mine is expected to be refilled by May 2026. |
| OUTFLOWS | | | | | |
| ■ Figure 32 (Construction / Operations)<br>■ Figure 33 (Closure) | ■ Recirculation of consumptive flows | ■ Pump / pipeline | ■ 2018 | ■ Post-Closure | ■ Recirculation is assumed to be 100%.<br>■ Consumption is expected to be consistent with the extraction rate of waste rock. |
| | ■ Discharge to the Underground Mine Stope | ■ Pump / pipeline | ■ 2018 | ■ 2020 | ■ Volumes exceeding the capacity of the Underground Mine sump are managed through the Underground Mine Stope.<br>■ The Underground Mine Stope is expected to be full by April 2020. |
| | ■ Water content in waste rock | ■ n/a | ■ 2018 | ■ 2025 | ■ Volumes are expected to be consistent with the extraction rate of waste rock.<br>■ Water content of waste rock to surface was assumed to be 3% by weight. |
| | ■ Discharge to GSP-1 | ■ Pump / pipeline | ■ 2018 | ■ Closure | ■ Overflow from the Underground Mine sump discharged to GSP-1 is expected by April 2020 (once the Stope is full). Ongoing until May 2022 when salinity is appropriate to be managed through GSP-2. |
| | ■ Discharge to GSP-2 | ■ Pump / pipeline | ■ 2022 | ■ Closure | ■ Overflow of low salinity water from the Underground Mine Sump when the elevation of development is deeper than -275 masl (May 2022).<br>■ Water volumes are expected to be consistent with groundwater inflows to the Underground Mine. |
| | ■ Groundwater | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Annual losses to groundwater are expected to be constant (approximately 2,200 $m^3$/year) once the Underground Mine is refilled. |

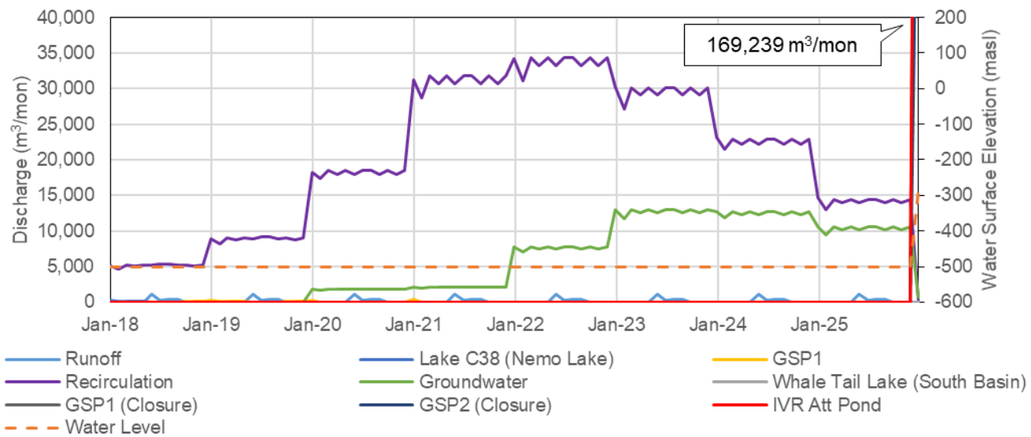


**Figure 30: Inflows to Underground Mine (Construction and Operations)**

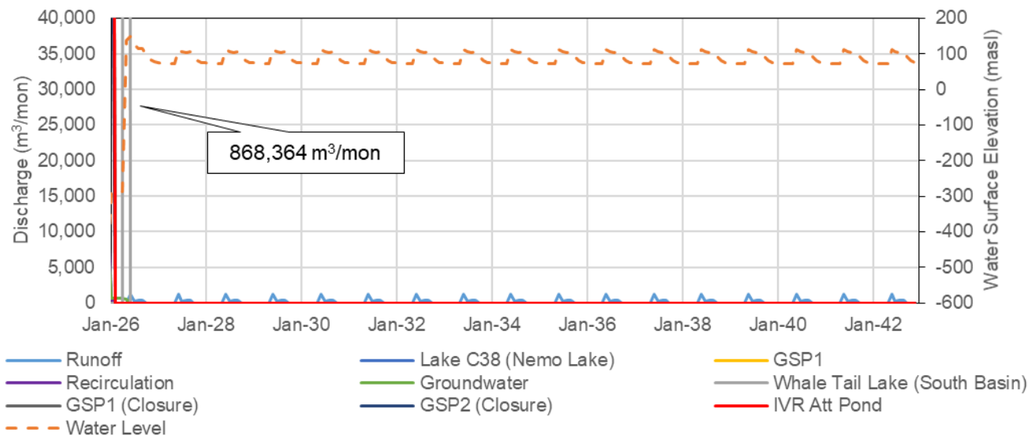


**Figure 31: Inflows to Underground Mine (Closure)**

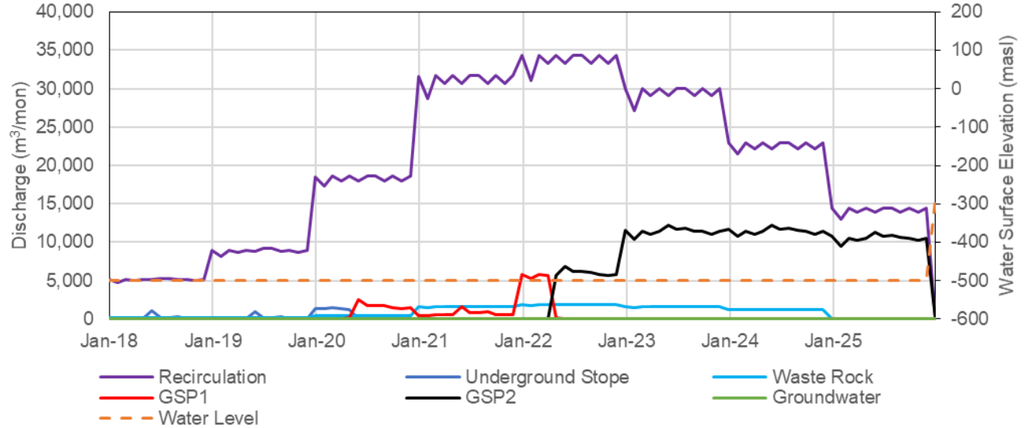


**Figure 32: Outflows from Underground Mine (Construction and Operations)**

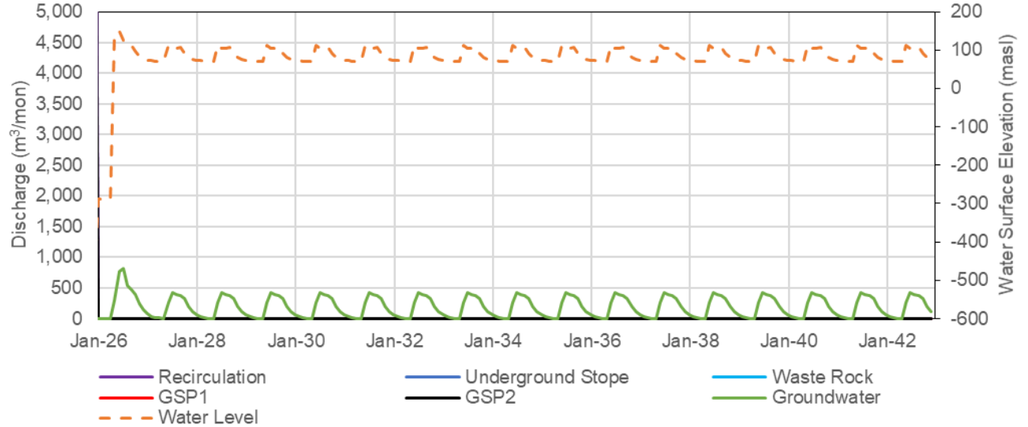


**Figure 33: Outflows from Underground Mine (Closure)**

### 5.3.3 Changes from the FEIS Addendum

The change in Underground Mine flows is due to the changes in groundwater as described in Section 4.0. The impact of these changes results in a slight decrease (approximately 5%) in cumulative inflows to the Underground Mine in operations (2,546,700 $m^3$ vs. 2,675,400 $m^3$). This trend continues through closure. The cumulative inflows to the Underground Mine by the end of 2042 are approximately 3% lower than for the FEIS case (3,852,800 $m^3$ vs 3,983,250 $m^3$) (Figure 34).

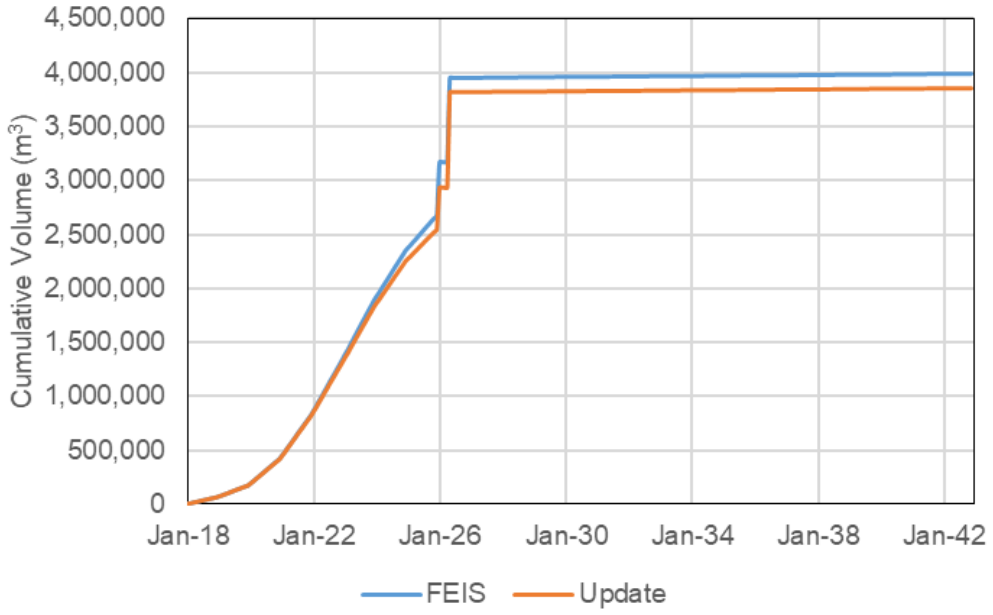


**Figure 34: Comparison of Cumulative Inflows to the Underground under the FEIS Addendum and the Current Water Balances**

## 5.4 Northeast Sector

### 5.4.1 Catchment Characteristics and Water Management

The Northeast Sector consists of the catchment upstream of the Northeast Dike, initiated in January 2019, just north of Whale Tail Lake. Prior to January 2019, runoff from the Northeast Sector drains naturally into Whale Tail Lake (North Basin). Runoff from the Northeast Sector is diverted to Lake A16 (Mammoth Lake) via the O-WTP from June 2019 to July 2020, prior to the initiation of the IVR Pit. Although dewatering of the lakes in the Northeast Sector (A46, A47, A49) was not included in the water balance, the dewatering volume required (138,000 $m^3$) is less than 40% of the annual runoff from the Northeast sector watershed. This additional volume is within the capacity of the O-WTP. Once the IVR Pit is initiated, the Northeast Sector is reduced to the catchment upstream of the IVR Diversion and diverted to Lake C38 (Nemo Lake) until closure. At closure, the IVR Diversion is decommissioned thereby re-establishing drainage patterns towards Whale Tail Lake (North Basin) via the IVR Pit during refilling.

Overviews of the catchment prior to and following the initiation of the IVR Pit, along with their drainage pathways, are provided in Figure 35 and Figure 36.

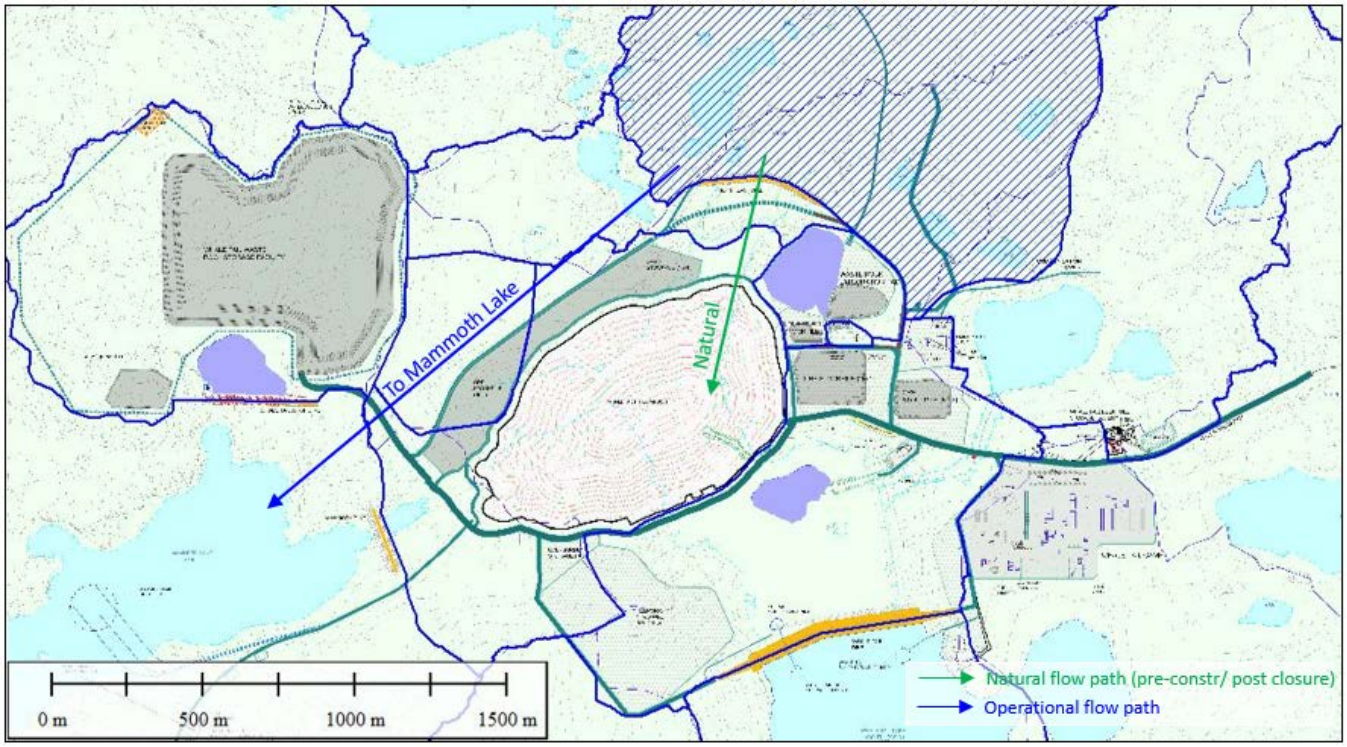


**Figure 35: Northeast Sector Catchment Overview Prior to IVR Pit Initiation**

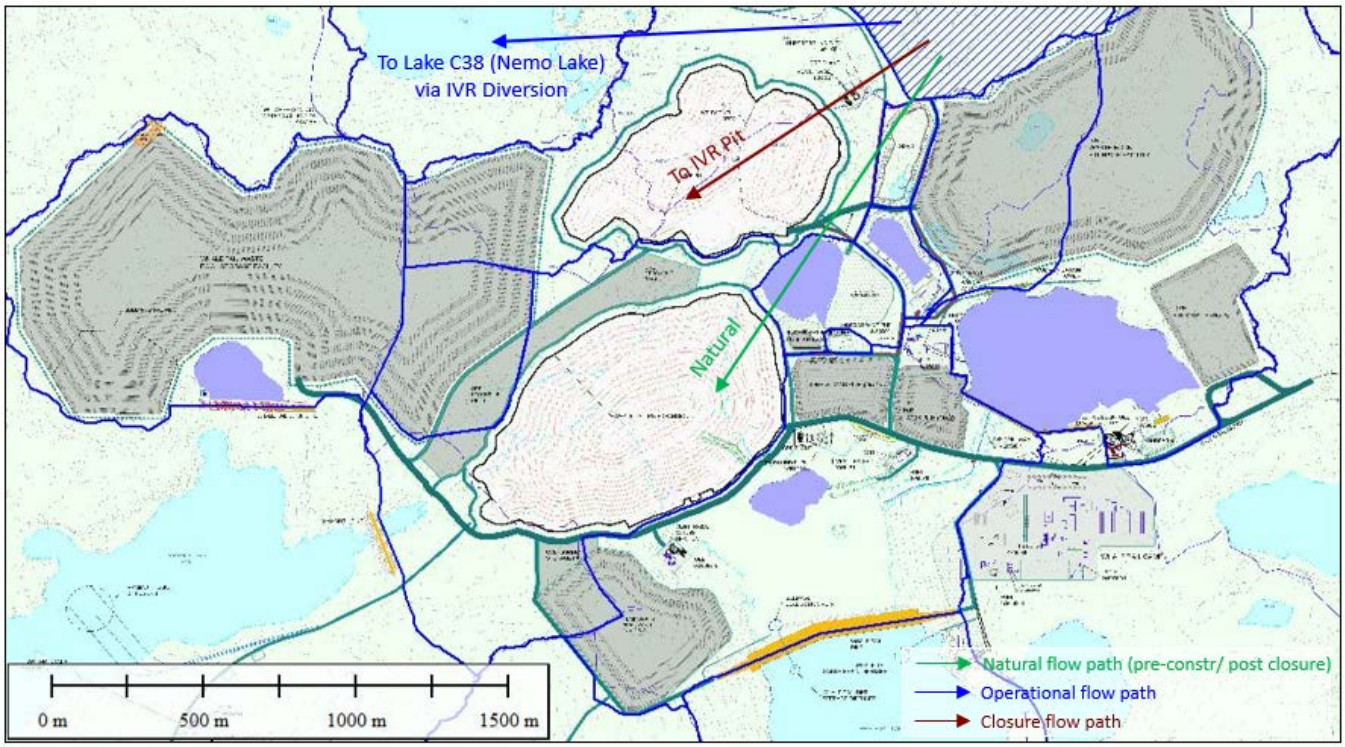


**Figure 36: Northeast Sector Catchment Overview Following IVR Pit Initiation**

Storage characteristics are summarized in Table 15. Drainage areas of the Northeast Sector are summarized in Figure 37.

The Northeast Sector has a drainage area of 1.91 km$^2$ until the IVR Pit is initiated in July 2020. It is then reduced to the drainage area of the IVR Diversion, to 0.684 km$^2$.

**Table 15: Storage Characteristics (Northeast Sector)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to July 2020 | 1.91 | n/a | 0 | n/a | 0 |
| July 2020 to Post-Closure | 0.684 | n/a | 0 | n/a | 0 |

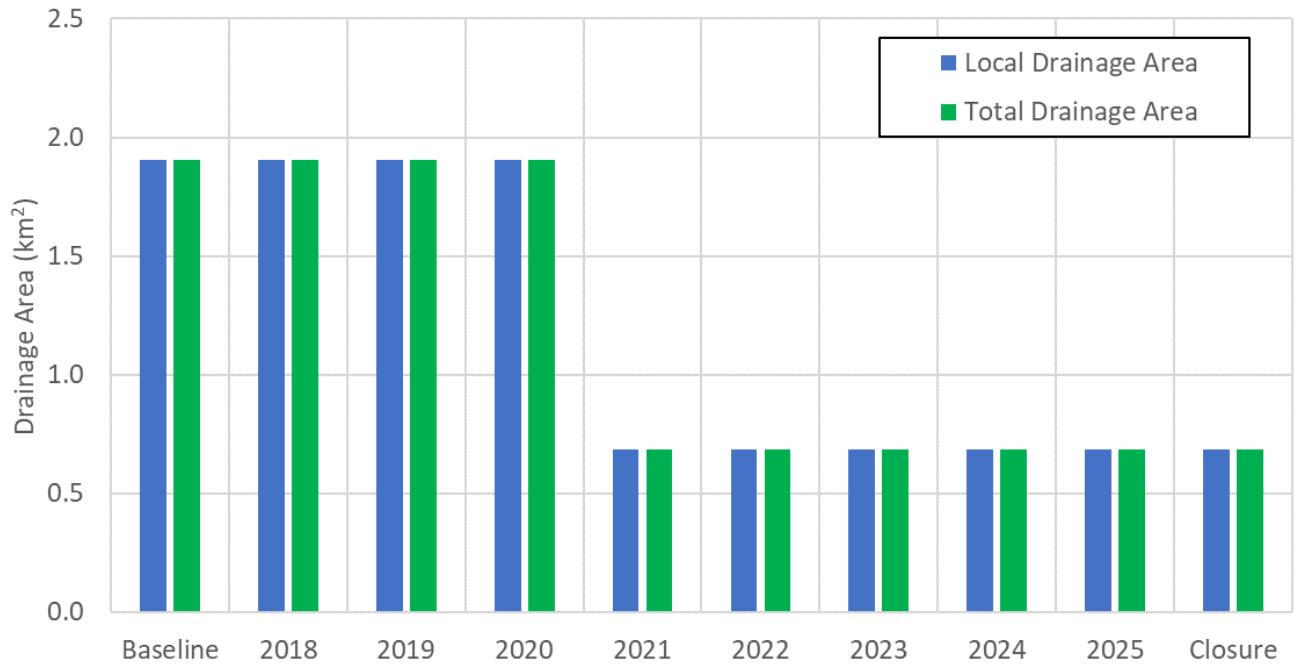


**Figure 37: Drainage Area Progression through the Project (Northeast Sector)**

### 5.4.2 Water Balance

Inflows and outflows are summarized in Table 16, and presented in tabular form in Appendix F.

**Table 16: Water Balance Flow Components (Northeast Sector)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 38 (Construction / Operations)<br>■ Figure 39 (Closure) | ■ Runoff from Lake A49 | ■ Natural drainage | ■ 2018 | ■ July 2020 | ■ The Lake A49 sub-watershed becomes part of the IVR Pit watershed once the IVR Pit is initiated in July 2020 and is no longer part of the Northeast Sector. |
| | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be proportional to the catchment area of the Northeast Sector. The catchment area of the Northeast Sector decreases once the IVR Pit is initiated in July 2020. |
| OUTFLOWS | | | | | |
| ■ Figure 40 (Construction / Operations)<br>■ Figure 41 (Closure) | ■ Evaporation | ■ n/a | ■ 2018 | ■ July 2020 | ■ Evaporative losses are expected to be proportional to the collective waterbody areas of the Northeast Sector. There are no waterbodies in the Northeast Sector once the IVR Pit is initiated in July 2020. |
| | ■ Runoff to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ 2018 | ■ 2019 | ■ Natural runoff to Whale Tail Lake (North Basin) until the Whale Tail Dike is operational. |
| | ■ Runoff diversion to Lake A16 (Mammoth Lake) | ■ Pump / Pipeline | ■ 2019 | ■ July 2020 | ■ Runoff diversion to Lake A16 (Mammoth Lake) via the O-WTP once the Whale Tail Dike is operational until the IVR Pit is initiated. |
| | ■ Runoff diversion to Lake C38 (Nemo Lake) | ■ Channel | ■ July 2020 | ■ Closure | ■ Runoff diversion to Lake C38 (Nemo Lake) following the initiation of the IVR Pit once the IVR Diversion is operational and prior to Closure. |
| | ■ Runoff to Whale Tail Lake (North Basin) via the IVR Pit | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ The IVR Diversion is decommissioned at Closure, and natural drainage patterns towards Whale Tail Lake (North Basin) are re-established. |

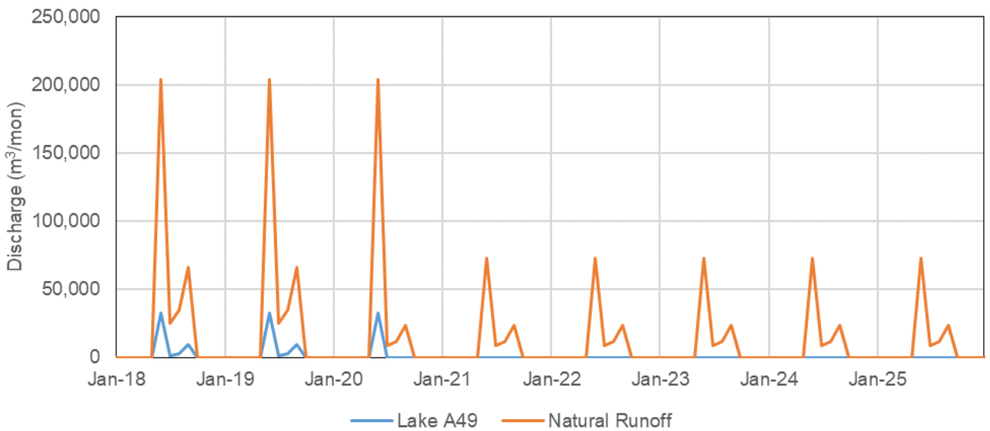


**Figure 38: Inflows to the Northeast Sector (Construction and Operations)**

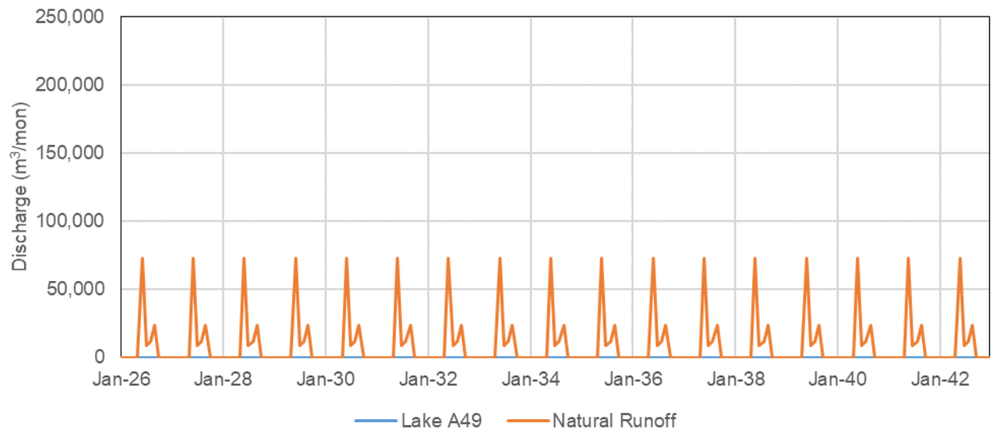


**Figure 39: Inflows to the Northeast Sector (Closure)**

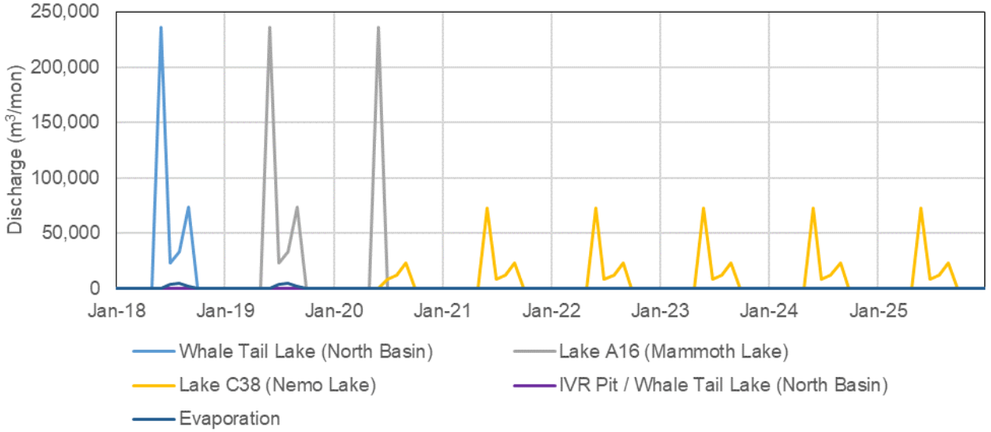


**Figure 40: Outflows from the Northeast Sector (Construction and Operations)**

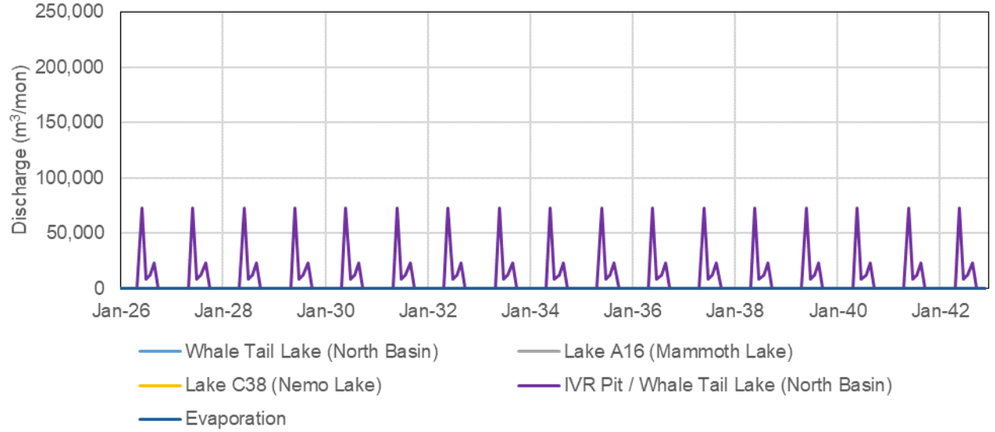


**Figure 41: Outflows from the Northeast Sector (Closure)**

### 5.4.3 Changes from the FEIS Addendum

The updated drainage area delineation results in a slightly larger drainage area prior to the initiation of the IVR Pit (1.91 km$^2$ vs 1.88 km$^2$ previously). Once the IVR diversion is in place, the drainage area increases slightly from 0.643 km$^2$ to 0.684 km$^2$. As a result, there is a cumulative increase of a 37,800 m$^3$ (996,950 m$^3$ vs. 959,150 m$^3$ previously) by the time the IVR Pit is initiated (a 4% increase). By the end of operations, the cumulative increase is 75,150 m$^3$ (1,646,700 m$^3$ vs. 1,541,550 m$^3$ previously) - approximately 5% higher (Figure 42).

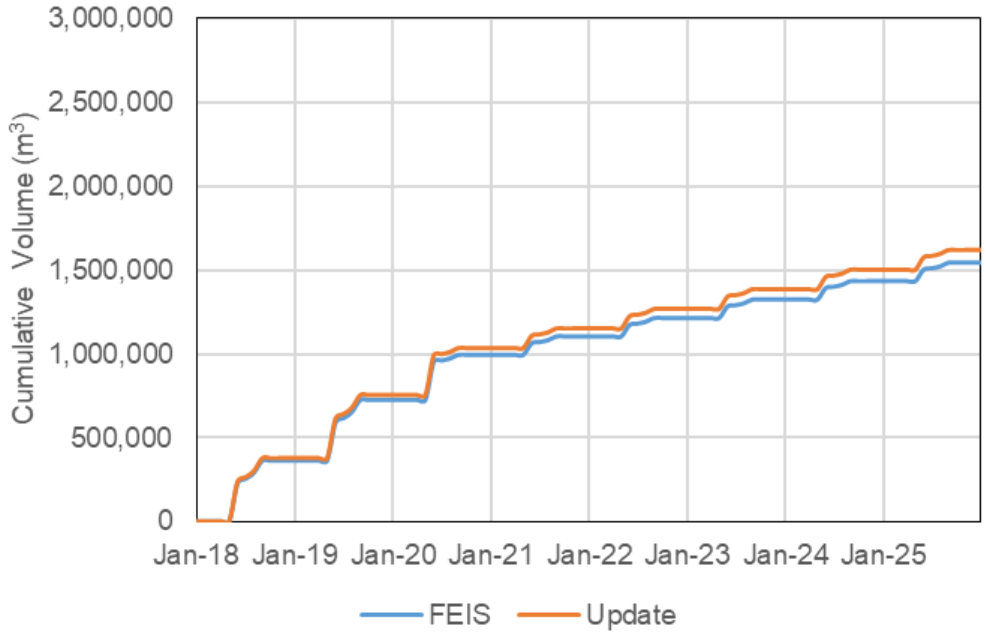


**Figure 42: Comparison of Cumulative Inflows to the Northeast Sector under the FEIS Addendum and the Current Water Balances**

## 5.5 Whale Tail Waste Rock Storage Facility Contact Water Collection System

### 5.5.1 Catchment Characteristics and Water Management

The catchment of the Whale Tail WRSF Contact Water Collection System is located in the northern headwaters of the Lake A16 (Mammoth Lake) catchment. Its runoff drained naturally to Lake A16 (Mammoth Lake) until Licence A was received (approved in July 2018). At this point, runoff is collected in a temporary sump and diverted to Quarry 1 until the Whale Tail Attenuation Pond becomes operational in 2019 (once the Whale Tail WRSF Dike is completed at the end of 2018). Runoff from the Whale Tail WRSF and catchment area is then collected in the Whale Tail WRSF Contact Water Collection System and discharged to the Whale Tail Attenuation Pond in 2019. Once the IVR Attenuation Pond becomes operational in 2022, flows are discharged to the IVR Attenuation Pond until closure. At closure, runoff is then pumped to the IVR Pit to expedite refilling of the pit and Whale Tail Lake (North Basin). Natural drainage patterns are re-established at Post-Closure if water quality criteria are met (i.e., the assumed scenario in this water balance). Alternatively, collected runoff could be conveyed to Whale Tail Lake (North Basin).

An overview of the Whale Tail WRSF catchment, along with its drainage pathways, is provided in Figure 43.

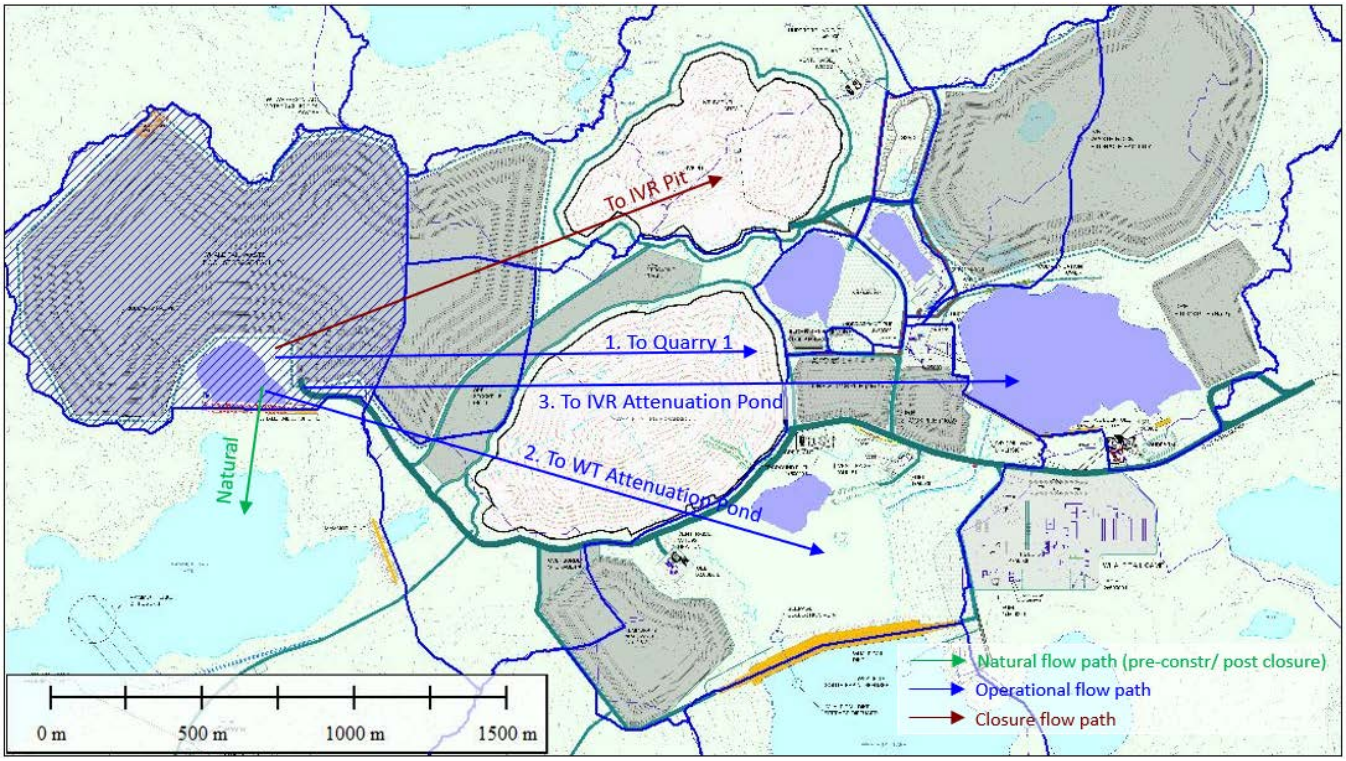


**Figure 43: Whale Tail Waste Rock Storage Facility Contact Water Collection System Catchment Overview**

Storage characteristics are summarized in Table 17 and elevation-storage-area relationships are presented in Appendix D. Drainage areas of the Northeast Sector are summarized in Figure 44.

The Whale Tail WRSF has a drainage area of 1.09 km$^2$. The storage capacity of the Whale Tail WRSF Contact Water Collection System once the WRSF Dike is constructed is shown in Table 17.

**Table 17: Storage Characteristics (Whale Tail WRSF Contact Water Collection System)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to October 2018 | 1.09 | n/a | n/a | n/a | n/a |
| October 2018 to Post-Closure | 1.09 | 154.0 to 157.8 | 0 to 195,500 | 158.4 | 240,900 |

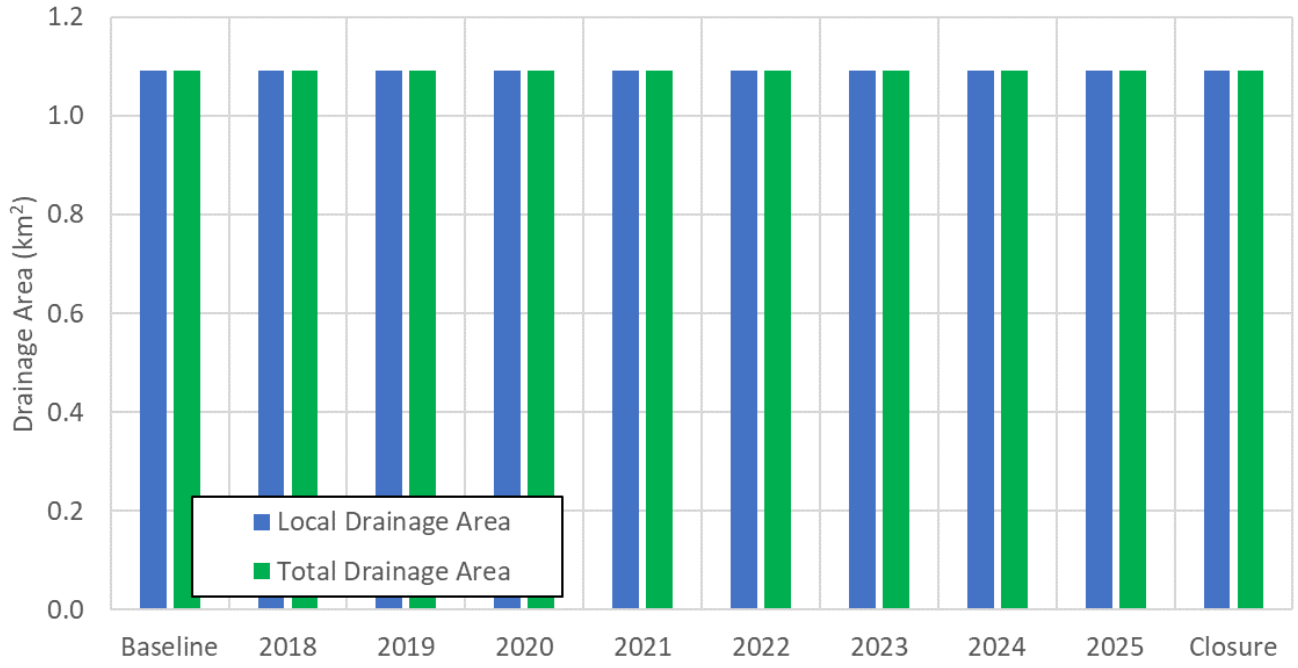


**Figure 44: Drainage Area Progression through the Project (Whale Tail WRSF Contact Water Collection System)**

### 5.5.2 Water Balance

Inflows and outflows are summarized in Table 18, and presented in tabular form in Appendix F.

**Table 18: Water Balance Flow Components (Whale Tail WRSF Contact Water Collection System)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 45 (Construction / Operations)<br>■ Figure 46 (Closure) | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be inversely proportional to the footprint of the Whale Tail WRSF located in the Whale Tail WRSF Contact Water Collection System catchment, which reaches its maximum footprint in 2021. |
| | ■ Runoff from the Whale Tail WRSF (including submarginal waste rock) | ■ Natural drainage | ■ Q3 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be proportional to the footprint of the Whale Tail WRSF located in the Whale Tail WRSF Contact Water Collection System catchment, which reaches its maximum footprint in 2021. |
| | ■ Seepage from the Whale Tail WRSF (including submarginal waste rock) | ■ Natural drainage | ■ Q3 2018 | ■ Post-Closure | ■ Based on OKC modelling results, seepage from the WRSF is negligible (See Section 4.0). |
| OUTFLOWS | | | | | |
| ■ Figure 47 (Construction / Operations)<br>■ Figure 48 (Closure) | ■ Evaporation | ■ n/a | ■ Q3 2018 | ■ Post-Closure | ■ Evaporative losses, proportional to the water surface area of the Whale Tail WRSF Water Collection System, once the pond becomes operational. |
| | ■ Runoff to Lake A16 (Mammoth Lake) | ■ Natural drainage | ■ 2018<br>■ Post-Closure | ■ Q3 2018<br>■ Post-Closure | ■ Natural drainage to Lake A16 (Mammoth Lake) until Licence A is received.<br>■ Natural drainage to Lake A16 (Mammoth Lake) at Post-Closure. |
| | ■ Runoff discharged to Quarry 1 | ■ Pump / Pipeline | ■ Q3 2018 | ■ 2019 | ■ Runoff discharged to Quarry 1 once Licence A is received until the Whale Tail Attenuation Pond becomes operational. |
| | ■ Runoff discharged to Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ 2019 | ■ 2022 | ■ Runoff discharged to the Whale Tail Attenuation Pond once operational until the IVR Attenuation Pond becomes operational.<br>■ Runoff volumes are expected to be inversely proportional to the footprint of the Whale Tail WRSF which reaches its maximum footprint in 2021. |
| | ■ Runoff discharged to IVR Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff discharged to the IVR Attenuation Pond once operational, until closure.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Runoff discharged to Whale Tail Lake (North Basin) via IVR Pit | ■ Pump / Pipeline | ■ Closure | ■ Post-Closure | ■ Runoff discharged to Whale Tail Lake (North Basin) via IVR Pit to expedite refilling of the pit.<br>■ Runoff volumes are expected to increase from operations once freezing of the outer layer of the Whale Tail WRSF become more frequent at closure. |

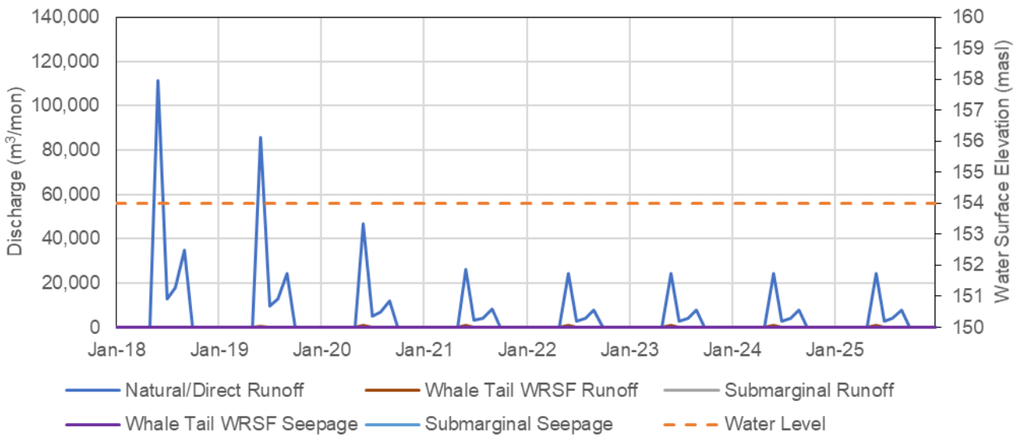


**Figure 45: Inflows to the Whale Tail WRSF Contact Water Collection System (Construction and Operations)**

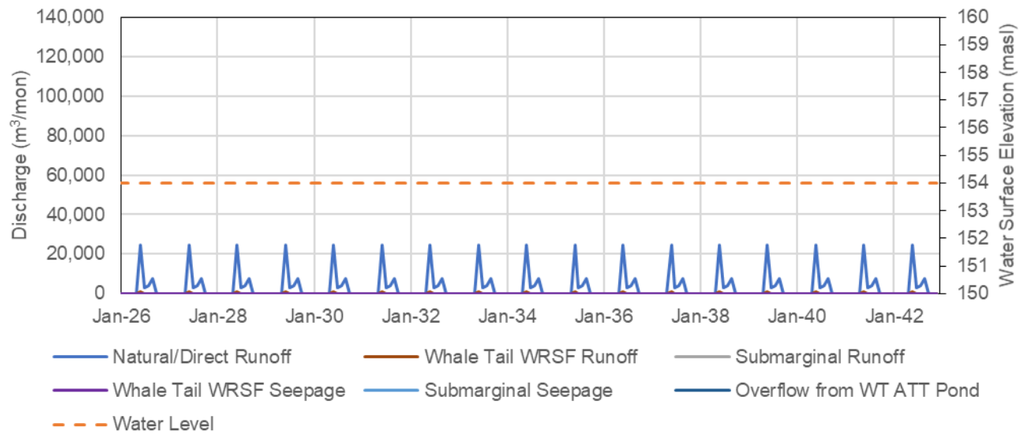


**Figure 46: Inflows to the Whale Tail WRSF Contact Water Collection System (Closure)**

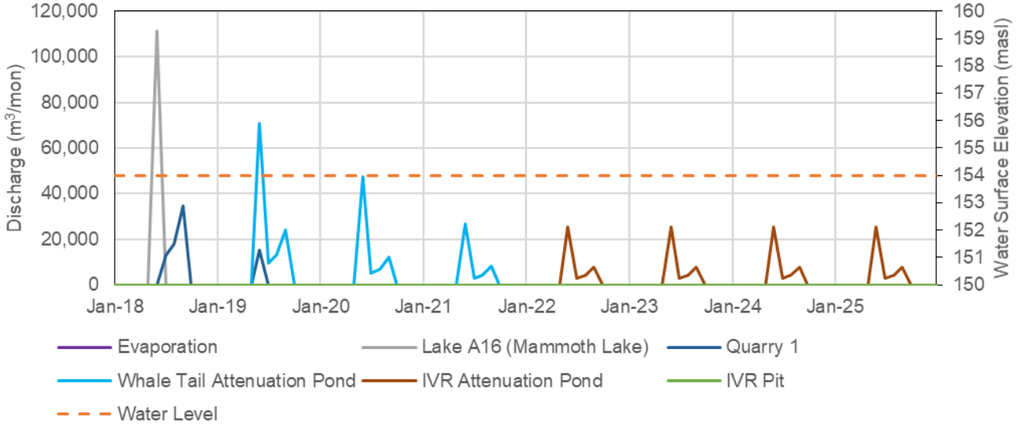


**Figure 47: Outflows from the Whale Tail WRSF Contact Water Collection System (Construction and Operations)**

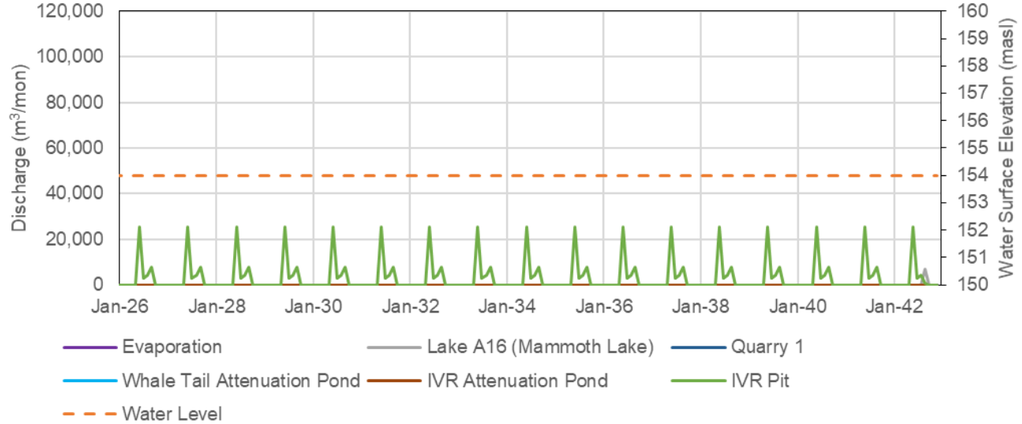


**Figure 48: Outflows from the Whale Tail WRSF Contact Water Collection System (Closure)**

### 5.5.3 Changes from the FEIS Addendum

The following changes are relevant to the Whale Tail WRSF water balance:

- The updated drainage area delineation results in a slightly smaller drainage area for the Whale Tail WRSF Contact Water Collection System (1.09 $km^2$ vs 1.10 $km^2$ previously).
- The primary difference in this update is the calculation of runoff and seepage from the WRSF. As explained in Section 4.0, the updated calculation method significantly reduces the generated runoff from the stockpile and sets the seepage to zero.

The impact of these changes results in a substantial decrease (approximately 45%) in cumulative inflows to the Whale Tail WRSF Contact Water Collection System during operations (583,800 $m^3$ vs. 1,061,800 $m^3$). By the time Whale Tail Lake (North Basin) reaches its ultimate water level elevation in 2042, the cumulative inflows are 67% lower than for the FEIS case (1,265,750 $m^3$ vs 3,827,700 $m^3$) (Figure 49).

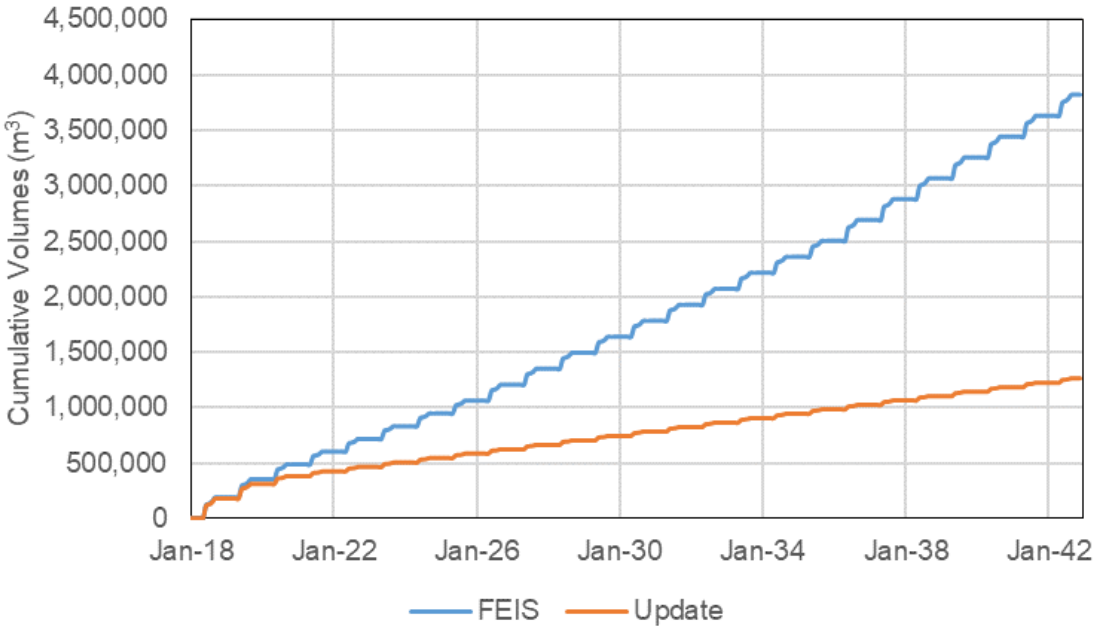


**Figure 49: Comparison of Cumulative Inflows to the Whale Tail WRSF Contact Water Collection System under the FEIS Addendum and the Current Water Balances**

## 5.6 North Sector

### 5.6.1 Catchment Characteristics and Water Management

The North Sector consists of the northwest catchment area of Whale Tail Lake, just north of its natural lake outlet. The North Sector collection area becomes operational once Whale Tail Lake (North Basin) is dewatered in 2019, and is intended to collect and convey contact water draining from the portion of the Whale Tail WRSF encroaching on the Whale Tail Lake (North Basin) watershed starting in 2021, to the active attenuation pond (i.e., either the Whale Tail Attenuation Pond or the IVR Attenuation Pond). The North Sector collection area remains operational

until closure when it is decommissioned and its natural drainage patterns towards Whale Tail Lake (North Basin) are re-established.

An overview of the sector, along with its drainage pathways, is provided in Figure 50.

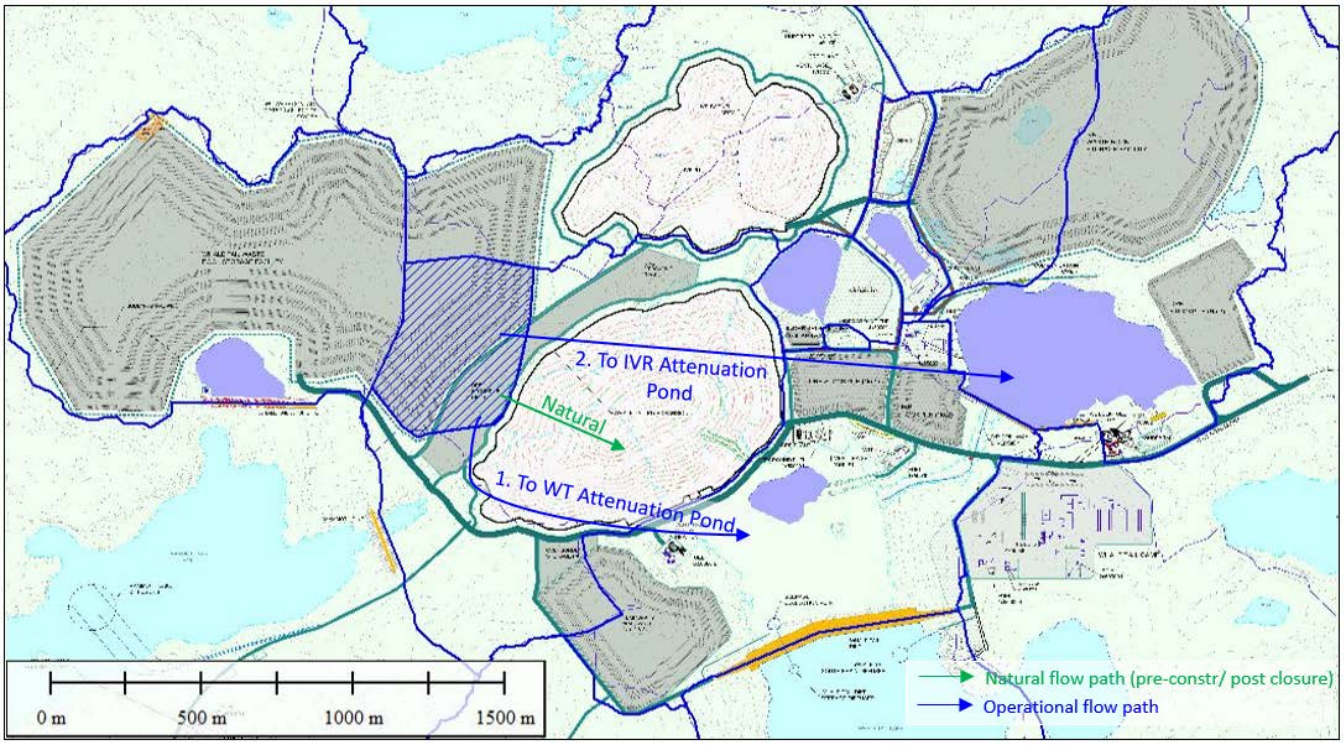


**Figure 50: North Sector Catchment Overview**

Storage characteristics are summarized in Table 19. Drainage areas of the North Sector are summarized in Figure 51.

The North Sector collection area has a drainage area of 0.243 km$^2$ and was assumed to have no storage in the water balance.

**Table 19: Storage Characteristics (North Sector)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to Closure | 0.243 | n/a | 0 | n/a | 0 |

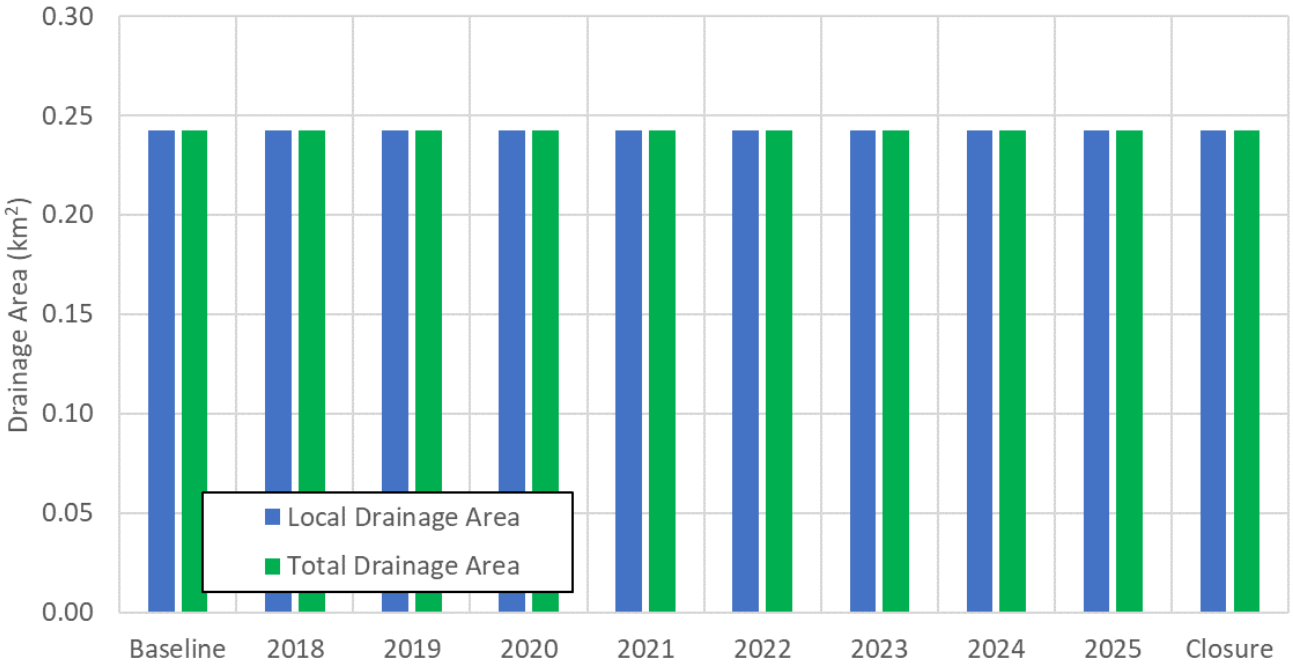


**Figure 51: Drainage Area Progression through the Project (North Sector)**

### 5.6.2 Water Balance

Inflows and outflows are summarized in Table 20, and presented in tabular form in Appendix F.

**Table 20: Water Balance Flow Components (North Sector)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 52 (Construction / Operations)<br>■ Figure 53 (Closure) | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be inversely proportional to the footprint of the Whale Tail WRSF encroaching on the North Sector / Sump watershed from 2021 until the end of operations. |
| | ■ Runoff from the Whale Tail WRSF | ■ Natural drainage | ■ 2021 | ■ Post-Closure | ■ Runoff volumes are expected to be proportional to the footprint of the Whale Tail WRSF encroaching on the North Sector / Sump watershed from 2021 until the end of operations. |
| | ■ Seepage from the Whale Tail WRSF | ■ Natural drainage | ■ 2021 | ■ Post-Closure | ■ Based on OKC modelling results, seepage from the WRSF is negligible (See Section 4.0). |
| OUTFLOWS | | | | | |
| ■ Figure 54 (Construction / Operations)<br>■ Figure 55 (Closure) | ■ Runoff to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ 2018 | ■ 2019 | ■ Natural drainage to Whale Tail Lake (North Basin) until the Whale Tail Attenuation Pond becomes available. |
| | ■ Runoff to the Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ 2019 | ■ 2022 | ■ Runoff pumped to the Whale Tail Attenuation Pond until the IVR Attenuation Pond becomes available.<br>■ Runoff volumes are expected to decrease as the footprint of the Whale Tail WRSF in the North Sector catchment increases. |
| | ■ Runoff diversion to the IVR Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff volumes are expected to be constant due to the constant footprint of the Whale Tail WRSF. |
| | ■ Runoff to Whale Tail Pit / Lake (North Basin) | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Runoff volumes remain the same as in closure based on the runoff assumptions described in Section 4.0 |

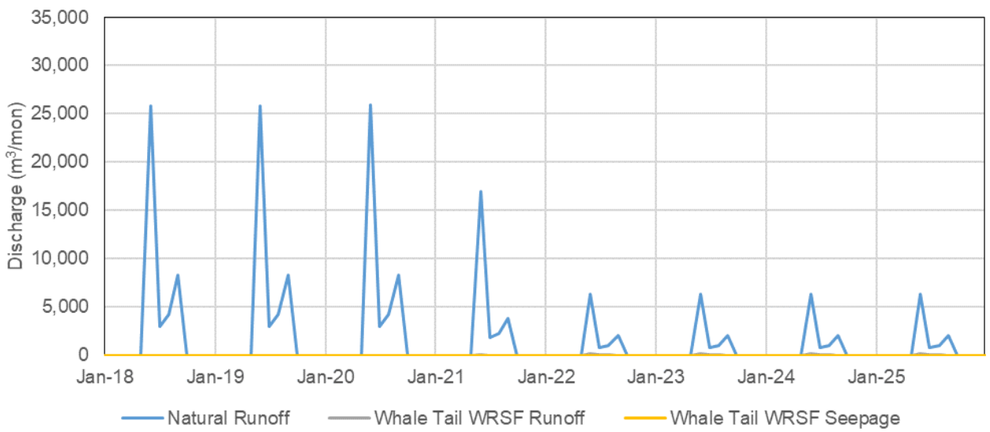


**Figure 52: Inflows to the North Sector (Construction and Operations)**

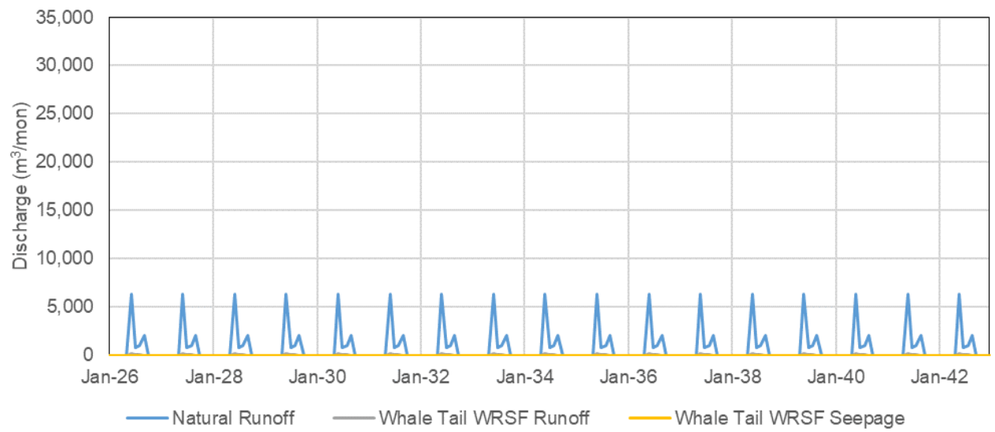


**Figure 53: Inflows to the North Sector (Closure)**

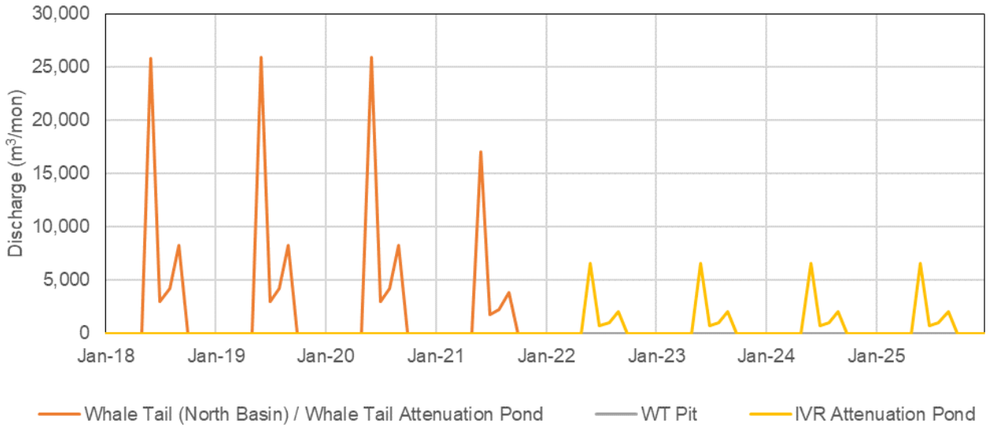


**Figure 54: Outflows from the North Sector (Construction and Operations)**

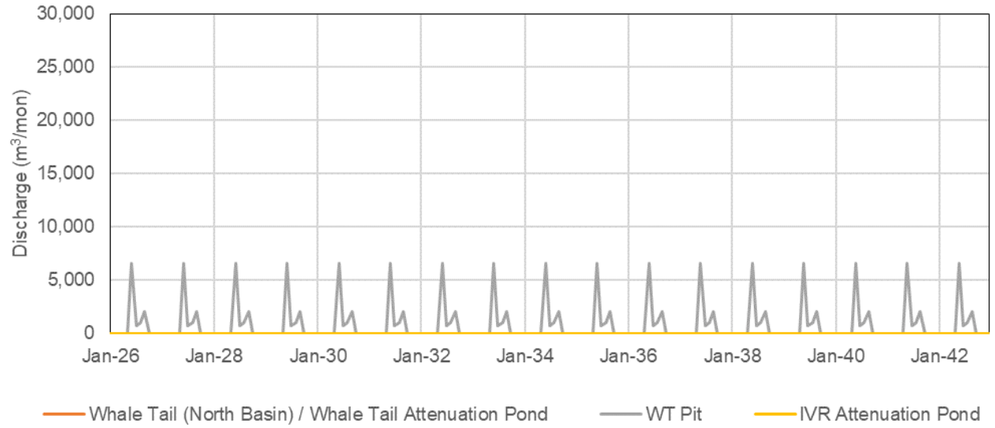


**Figure 55: Outflows from the North Sector (Closure)**

### 5.6.3 Changes from the FEIS Addendum

The following changes are relevant to the North Sector water balance:

- The updated drainage area delineation results in a smaller drainage area for the Whale Tail WRSF Contact Water Collection System (0.243 km$^2$ vs 0.289 km$^2$ previously).
- The primary difference in this update is the calculation of runoff and seepage from the WRSF. As explained in Section 4.0, the updated calculation method significantly reduces the generated runoff from the stockpile and sets the seepage to zero.

The impact of these changes results in a substantial decrease (approximately 38%) in cumulative inflows to the North Sump (191,050 m$^3$ vs. 308,000 m$^3$ previously). By 2042, the cumulative inflows are 67% lower than for the FEIS case (368,300 m$^3$ vs 1,111,650 m$^3$ previously) (Figure 56).

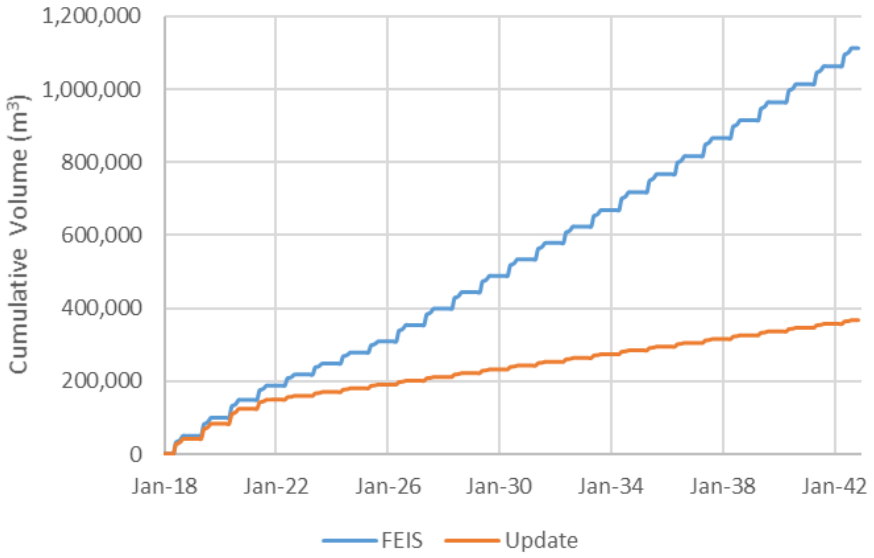


**Figure 56: Comparison of Cumulative Inflows to the North Sector under the FEIS Addendum and the Current Water Balances**

## 5.7 Whale Tail Pit

### 5.7.1 Catchment Characteristics and Water Management

The proposed Whale Tail Pit is located within the northern portion of Whale Tail Lake, just north of the Whale Tail Attenuation Pond. The Whale Tail Pit is initiated following the dewatering of Whale Tail Lake (North Basin) in 2019. Its operational runoff is conveyed to the active attenuation pond (i.e., either the Whale Tail Attenuation Pond or the IVR Attenuation Pond).

An overview of the catchment, along with its drainage pathways, is provided in Figure 57.

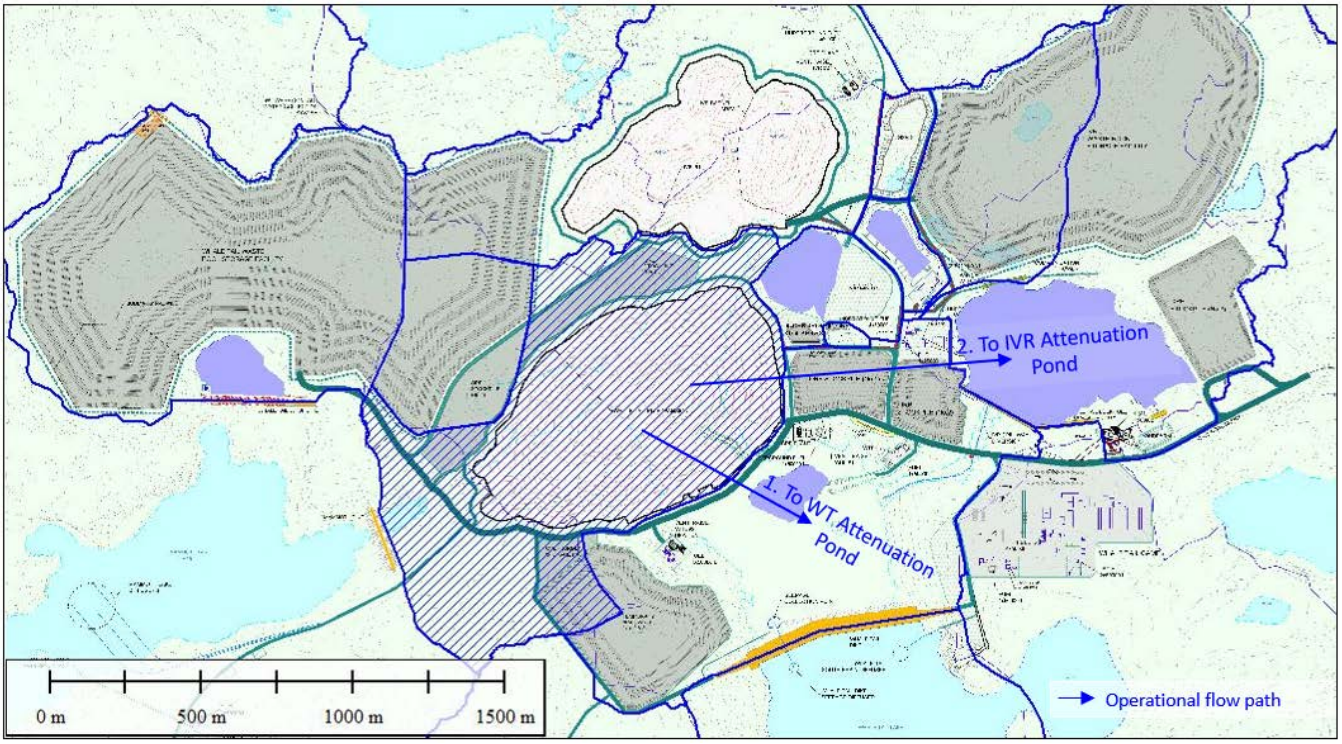


**Figure 57: Whale Tail Pit Catchment Overview**

Storage characteristics are summarized in Table 21. Drainage areas of the Whale Tail Pit are summarized in Figure 58.

The Whale Tail Pit catchment remains local with a drainage area of 1.17 km$^2$ until closure. At closure and following the refilling of IVR Pit (see Section 5.8.3), natural drainage patterns surrounding the Whale Tail Pit are re-established to expedite its refilling. The drainage area of the Whale Tail Pit increases to 29.6 km$^2$ which includes the sum of the natural drainage area of Whale Tail Lake and of the Whale Tail WRSF.

**Table 21: Storage Characteristics (Whale Tail Pit)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to Closure | 1.17 | -129 (2025) to 79 (2019) | 0 | 146.3 | 54,907,880 |
| Closure (> IVR Pit full) to Post-Closure | 29.6 | n/a | n/a | 146.3 | 54,907,880 |

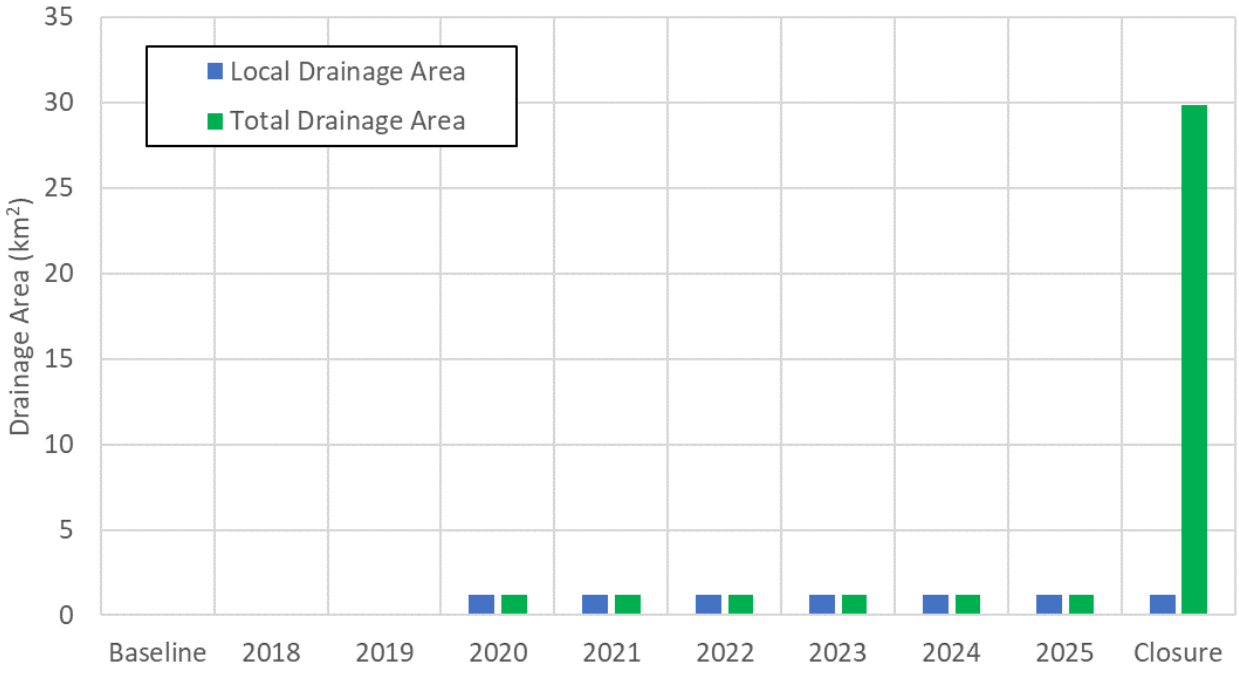


**Figure 58: Drainage Area Progression through the Project (Whale Tail Pit)**

### 5.7.2 Water Balance

Inflows and outflows are summarized in Table 22, and presented in tabular form in Appendix F. Whale Tail Pit is expected to be refilled to 146.3 masl by 2040.

**Table 22: Water Balance Flow Components (Whale Tail Pit)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 59 (Construction / Operations)<br>■ Figure 60 (Closure) | ■ Catchment Runoff | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Annual runoff volumes are expected to decrease slightly in 2022 with the encroachment of the NPAG WRSF into the Whale Tail Pit drainage area. |
| | ■ Groundwater | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Groundwater inflows are expected throughout operations of the pit.<br>■ Freeze back of the pit wall is expected by closure, preventing inflows into the pit until thawing during pit refilling (Golder, 2019b). |
| | ■ Drilling Water | ■ Pump / Pipeline | ■ 2019 | ■ Closure | ■ Drilling water from Lake C38 (Nemo Lake) during operations of the pit. |
| | ■ Runoff from overburden storage | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Annual runoff volumes are expected to be constant. |
| | ■ Runoff from NPAG WRSF | ■ Natural drainage | ■ 2022 | ■ Post-Closure | ■ Annual runoff volumes are expected to be constant. |
| | ■ Runoff from GSP-1 | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Runoff from GSP-1 following its backfill at closure, re-establishing its natural drainage patterns.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Runoff from the North Sector | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Runoff from the North Sector at closure once its natural drainage patterns are re-established. |
| | ■ Runoff from the IVR WRSF | ■ Diverted or Pumped | ■ Closure | ■ Post-Closure | ■ Although the IVR WRSF drains naturally to the IVR Pit, its runoff is diverted to the Whale Tail Pit for water quality purposes (Golder 2019a). |
| | ■ Overflow from IVR Pit | ■ Natural drainage | ■ IVR Pit full | ■ Post-Closure | ■ Overflow from the IVR Pit (water surface elevation of 149.3 masl) into Whale Tail Pit during closure.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Overflow from the Whale Tail Attenuation Pond | ■ Natural drainage | ■ WT Att. Pd. full | ■ Post-Closure | ■ Overflow from the Whale Tail Attenuation Pond (water surface elevation of 146.3 masl) into Whale Tail Pit during closure.<br>■ Annual runoff volumes are expected to be constant until these are influenced by net groundwater losses in 2035. |
| OUTFLOWS | | | | | |
| ■ Figure 61 (Construction / Operations)<br>■ Figure 62 (Closure) | ■ Drill water losses | ■ n/a | ■ 2019 | ■ Closure | ■ Water locked within the ore |
| | ■ Discharge to Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ 2019 | ■ 2022 | ■ Runoff is managed through the Whale Tail Attenuation Pond until the IVR Attenuation pond becomes operational.<br>■ Annual runoff volumes are expected to be approximately constant, with minor fluctuations from groundwater inflows. |
| | ■ Evaporation | ■ n/a | ■ 2019 | ■ Post-Closure | ■ Evaporative losses proportional to the water surface area of Whale Tail Pit. |
| | ■ Discharge to IVR Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff is managed through the IVR Attenuation Pond once operational, until closure.<br>■ Annual runoff volumes are expected to be constant. |

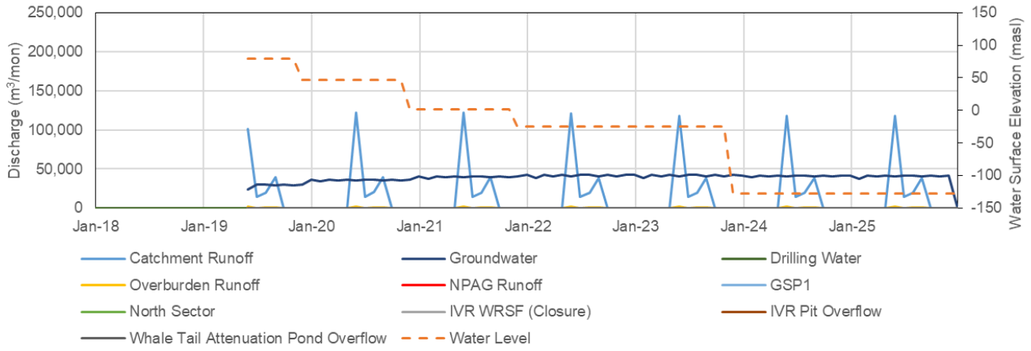


**Figure 59: Inflows to the Whale Tail Pit (Construction and Operations)**

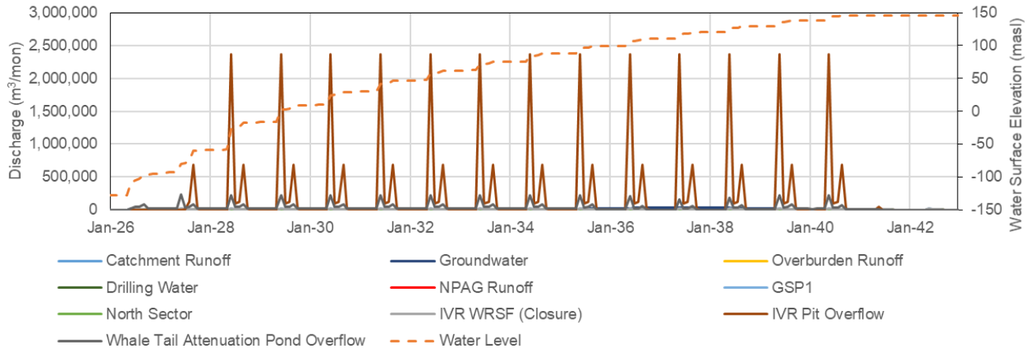


**Figure 60: Inflows to the Whale Tail Pit (Closure)**

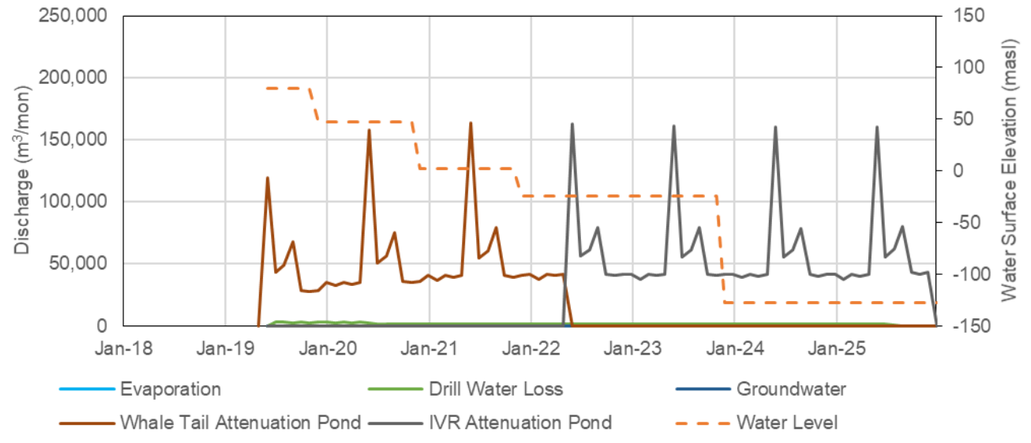


**Figure 61: Outflows from the Whale Tail Pit (Construction and Operations)**

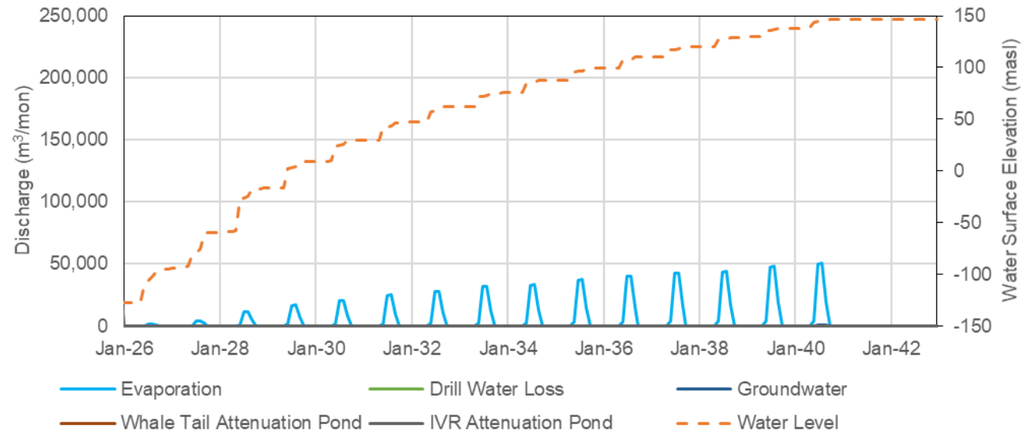


**Figure 62: Outflows from the Whale Tail Pit (Closure)**

### 5.7.3 Changes from the FEIS Addendum

The most significant changes to inflows to the Whale Tail Pit are caused by the following:

- The updated drainage area delineation results in a slightly larger drainage area for the Whale Tail Pit (1.17 $km^2$ vs 1.16 $km^2$ previously).
- North Sector and IVR WRSF Inflows. Runoff from the North Sector and the IVR WRSF are significantly reduced due to the updated calculation of runoff and seepage from the WRSFs.
- The reduction of predicted groundwater flows to and from the pit (see Section 4.0).

By the end of operations, there is 121,600 $m^3$ (3%) less inflow to the pit than previously predicted (4,559,850 $m^3$ vs. 4,681,450 $m^3$) (Figure 63). For closure, the result of these updates is that the filling of Whale Tail pit is delayed by a year (2040 instead of 2039) (Figure 64).

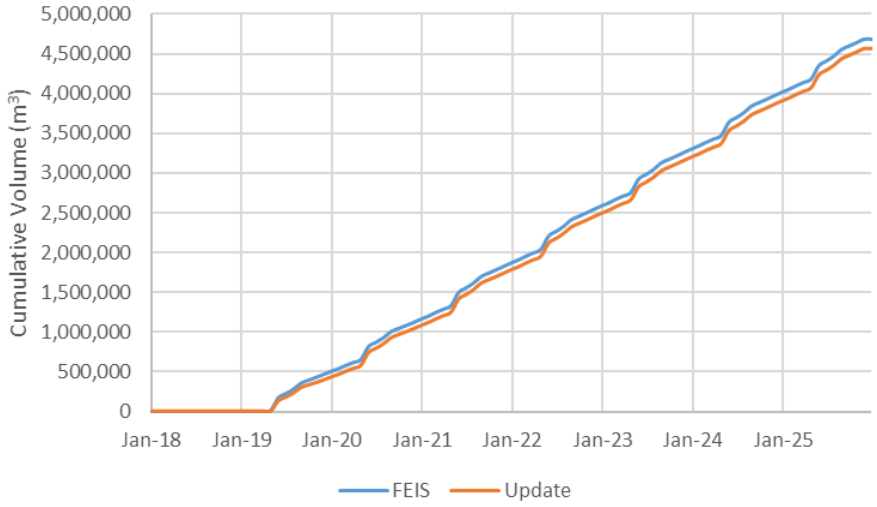


**Figure 63: Comparison of Cumulative Inflows to the Whale Tail Pit during Operations under the FEIS Addendum and the Current Water Balances**

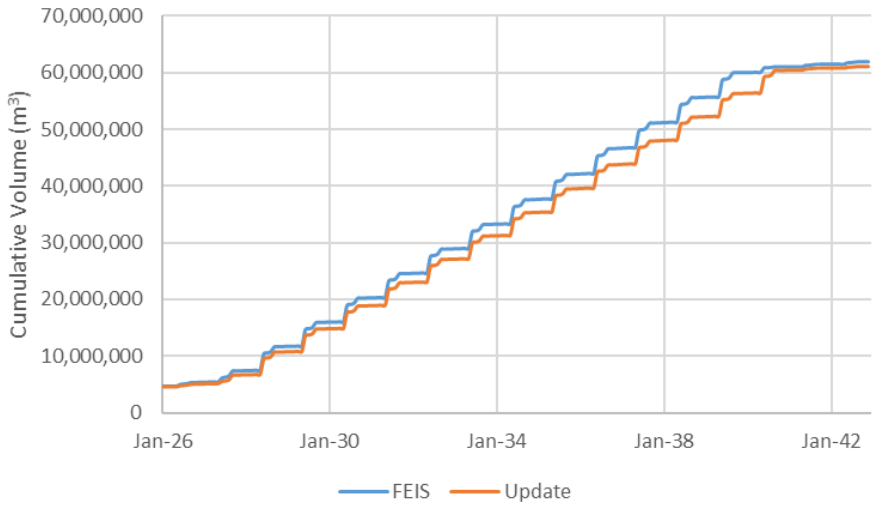


**Figure 64: Comparison of Cumulative Inflows to the Whale Tail Pit during the filling period under the FEIS Addendum and the Current Water Balances**

## 5.8 Whale Tail Lake (North Basin) / Whale Tail Attenuation Pond

### 5.8.1 Catchment Characteristics and Water Management

The Whale Tail Attenuation Pond is located just south of the Whale Tail Pit. It becomes operational once Whale Tail Lake (North Basin) is dewatered. Dewatering of Whale Tail Lake (North Basin) is planned in two phases - Phase 1, when approximately 2 million $m^3$ is dewatered in March and April 2019 for a period of approximately 45 days; and Phase 2, when approximately 1.1 million $m^3$ is dewatered in June 2019.

Aside from contact water managed within Quarry 1 and GSP-1, the Whale Tail Attenuation Pond is intended to manage all contact water until the IVR Attenuation Pond becomes operational in 2022. During this period, contributing catchments include those from the Whale Tail WRSF Contact Water Collection System, the North Sump, Whale Tail Pit, the IVR Pit, the IVR WRSF, the camp site and a portion of the NPAG Stockpile. Collected water is discharged to Lake A16 (Mammoth Lake) via the O-WTP during open water conditions. Prior to the availability of the S-WTP (brackish) in October 2020, contact water is pumped to GSP-1 during winter conditions to prevent overflow of the Whale Tail Attenuation Pond. After October 2020, this collected water is discharged to Lake A16 (Mammoth Lake) via the S-WTP (brackish) during winter (i.e., October 2020 to April 2022).

Once the IVR Attenuation Pond becomes operational, the Whale Tail Attenuation Pond only manages contact water from its local contributing area until closure. Winter discharge to the IVR Attenuation Pond is not required during this period due to a net groundwater loss from the Whale Tail Attenuation Pond.

At closure, the Whale Tail Attenuation Pond becomes part of Whale Tail Lake (North Basin) once more upon the filling of the Whale Tail and IVR Pits. The final elevation of the pit lake is 153.5 masl. This level is maintained by the Mammoth Lake sill constructed at closure. The Mammoth Dike and Whale Tail Dike remain in place until pit lake water meets quality objectives, predicted to occur by the end of 2042 (Golder 2019a).

Post-closure is initiated in 2042. It is defined as when the pit lake is fully flooded, and water quality is acceptable. At that time, drainage patterns are then re-established towards Lake A16 (Mammoth Lake) (i.e., water overflows

the Mammoth Lake sill) and Mammoth Dike and Whale Tail Dike are decommissioned reconnecting the North and South basins of Whale Tail Lake.

An overview of the catchment, along with its drainage pathways, is provided in Figure 65.

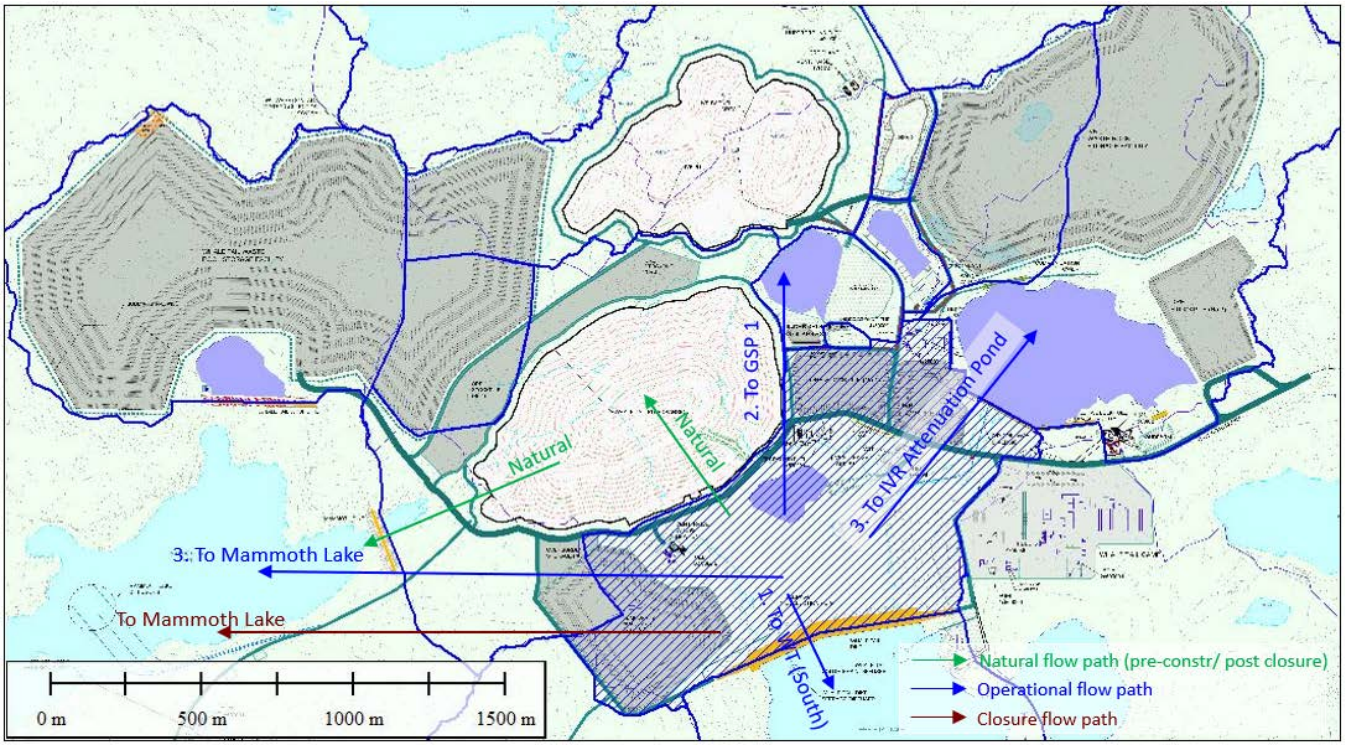


**Figure 65: Whale Tail Lake (North Basin) / Whale Tail Attenuation Pond Catchment Overview**

Storage characteristics are summarized in Table 23. Drainage areas of the Whale Tail Pit are summarized in Figure 66.

Whale Tail Lake (North Basin) has a baseline catchment area of 28.6 km$^2$. This catchment area is reduced to 28.4 km$^2$ in 2017 from the isolation of the Underground Mine and related water management systems. It is further reduced to 6.12 km$^2$ with the construction of Whale Tail Dike in 2018. In 2019, the construction of the North East Diversion and the dewatering of Whale Tail Lake (North Basin) further reduce the catchment area to 3.05 km$^2$. The final reduction in catchment area (to 1.03 km$^2$) occurs at the end of 2019 when the East Channel comes online, diverting the A53/IVR Attenuation Pond catchment towards Whale Tail Lake (South Basin). The Whale Tail Lake Attenuation Pond, once operational, has a catchment area ranging from 1.03 km$^2$ (i.e., the local catchment to 5.16 km$^2$ (i.e., the total contributing drainage area prior to the operations of the IVR Attenuation Pond). At closure, the natural drainage is restored, returning to baseline conditions.

**Table 23: Storage Characteristics (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond)**

| Snapshot | Drainage Area ($km^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage ($m^3$) | Water Surface Elevation (masl) | Storage ($m^3$) |
| Baseline | 28.4 to 28.6 | 152.5 | 3,029,705 | 152.5 | 3,029,705 |
| 2018 | 6.12 | 152.5 | 3,029,705 | 152.5 | 3,029,705 |
| 2019 | 3.05 | 134.6 to 152.5 | 0 to 3,029,705 | 152.5 | 3,029,705 |
| Whale Tail Lake (North Basin) Dewatered to Closure | 1.03 to 5.16 | 134.6 to 143.5 | 0 to 133,232 | 143.5 | 133,232 |
| Closure (> Whale Tail Pit full) to Post-Closure | 28.6 | 134.6 to 153.5 | 0 to 7,171,781 | 153.5 | 7,171,781 |

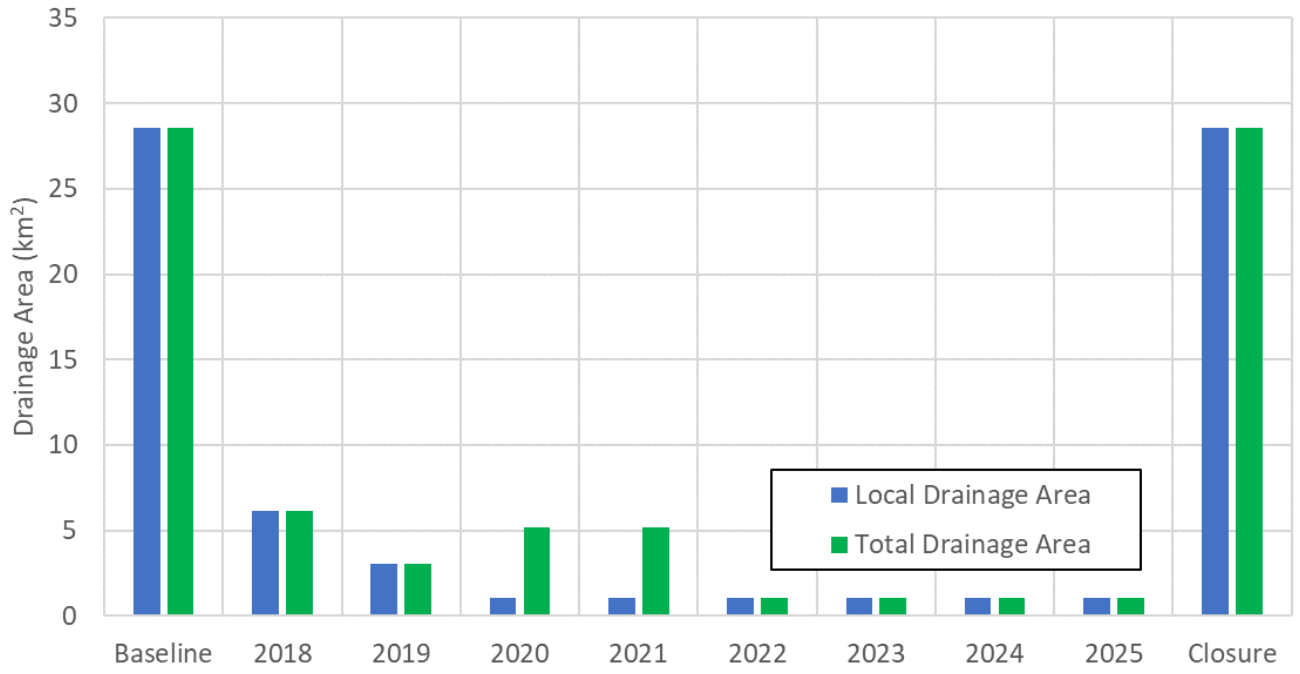


**Figure 66: Drainage Area Progression through the Project (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond)**

### 5.8.2 Water Balance

Inflows and outflows are summarized in Table 24, and presented in tabular form in Appendix F. Whale Tail Lake (North Basin) is expected to reach the elevation of 153.5 masl by 2042.

**Table 24: Water Balance Flow Components (Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 67 (Construction / Operations)<br>■ Figure 68 (Closure) | ■ Catchment runoff and direct precipitation | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff from the local catchment.<br>■ Annual runoff volumes are expected to be constant following the installation of the Whale Tail Dike and Mammoth Dike. |
| | ■ Runoff from the Whale Tail Pit, IVR Pit, Northeast Sector, and Lake A53 | ■ Natural drainage | ■ 2018 | ■ 2018 | ■ Runoff from the catchments of Whale Tail Pit, IVR Pit, the Northeast Sector, and Lake A53 naturally draining to Whale Tail Lake (North Basin) prior to dewatering activities. |
| | ■ Whale Tail Lake (South Basin) | ■ Natural drainage | ■ 2018 | ■ 2019 | ■ Natural runoff from Whale Tail Lake (South Basin) to Whale Tail Lake (North Basin) until the installation of the Whale Tail Dike. |
| | ■ Runoff from the North Sector | ■ Natural drainage | ■ 2018 | ■ 2021 | ■ Runoff from the North Sector / Sump prior to the operations of the IVR Attenuation Pond in 2022.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Flows from the Camp Biodisk | ■ Pump / pipeline | ■ 2018<br>■ 2026 | ■ 2022<br>■ Post-Closure | ■ Flows from the camp biodisk prior to the initiation of the Whale Tail Attenuation Pond until the IVR Attenuation Pond becomes operational in 2022.<br>■ Flows from the camp biodisk during closure. |
| | ■ Intercepted runoff from the Industrial Sector, Camp Sector and Ore Stockpile | ■ Pump / Pipeline | ■ June 2018<br>■ 2019 | ■ July 2018<br>■ Post-Closure | ■ Runoff diversion from the Camp Sector in June and July 2018 prior to the completion of mining in Quarry 1 by end of July 2018.<br>■ Runoff collected once the Whale Tail Attenuation Pond becomes operational in June 2019 until post-closure. |
| | ■ Runoff collected in the Whale Tail WRSF Contact Water Collection System | ■ Pump / pipeline | ■ 2019 | ■ 2022 | ■ Runoff collected once the Whale Tail Attenuation Pond becomes operational in June 2019 until the IVR Attenuation Pond becomes operational in 2022. |
| | ■ Groundwater | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Groundwater inflows during dewatering from March to June 2019.<br>■ Groundwater inflows following the dewatering of Whale Tail Lake (North Basin) from June 2019 to Post-Closure. |
| | ■ Seepage through the Whale Tail Dike | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Seepage from Whale Tail Lake (South Basin) thru the Whale Tail Dike once the Whale Tail Attenuation Pond becomes operational in June 2019, until Whale Tail Lake (North Basin) is refilled before post-closure.<br>■ 50% of the seepage is collected by the Whale Tail Dike Seepage Pumping Station when operational by January 2020 and recirculated to Whale Tail Lake (South Basin). |
| | ■ Flows from the Truck Shop | ■ Pump / pipeline | ■ 2019 | ■ 2022 | ■ Flows from the truck shop once the Whale Tail Attenuation Pond becomes operational in June 2019 until the IVR Attenuation Pond becomes operational in 2022. |
| | ■ Discharge from the Whale Tail Pit, IVR Pit, and IVR WRSF | ■ Pump / pipeline | ■ 2019 | ■ 2022 | ■ Discharges until the IVR Attenuation Pond becomes operational in 2022. |
| | ■ Runoff from NPAG stockpile | ■ Natural drainage | ■ 2020 | ■ Post-Closure | ■ Runoff during operation is based on OKC runoff calculations. At closure, when the stockpile is removed, the Golder-calculated land runoff calculations are used |

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| OUTFLOWS | | | | | |
| ■ | ■ Evaporation | ■ n/a | ■ 2018 | ■ Post-Closure | ■ Evaporative losses are expected to be proportional to the water surface area of Whale Tail Lake (North Basin) / Attenuation Pond. |
| ■ Figure 69 (Construction / Operations)<br>■ Figure 70 (Closure) | ■ Runoff to Lake A16 (Mammoth Lake) | ■ Natural drainage | ■ 2018<br>■ Post-Closure | ■ 2019<br>■ Post-Closure | ■ Natural runoff to Lake A16 (Mammoth Lake) until the Mammoth Dike is operational and following the refilling of Whale Tail Lake (North Basin). |
| | ■ Drawdown to Whale Tail Lake (South Basin) | ■ Pump / pipeline | ■ 2019 | ■ 2019 | ■ Dewatering of 66% of the Whale Tail Lake (North Basin) to Whale Tail Lake (South Basin) starting in March for 45 days9, without treatment (assumed not be required). |
| | ■ Drawdown to C-WTP | ■ Pump / pipeline | ■ 2019 | ■ 2019 | ■ Dewatering of the remaining 34% of the Whale Tail Lake (North Basin) to Whale Tail Lake (South Basin) via the C-WTP. |
| | ■ Discharge via the O-WTP | ■ Pump / pipeline | ■ 2019 | ■ 2022 | ■ Discharge of collected water to Lake A16 (Mammoth Lake) until May 2021 and to Whale Tail Lake (South Basin) from June 2021 until May 2022 via the O-WTP during open water conditions. |
| | ■ Discharge to GSP-1 | ■ Pump / pipeline | ■ 2019 | ■ 2020 | ■ Discharge of collected water to GSP-1 during winter conditions from October 2019 to May 2020 before the S-WTP (brackish) becomes available to treat winter discharges. |
| | ■ Groundwater | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Infiltration once the Whale Tail Attenuation Pond becomes operational until post-closure. |
| | ■ Discharge to the S-WTP (brackish) | ■ Pump / pipeline | ■ 2020 | ■ 2022 | ■ Discharge of collected water to Lake A16 (Mammoth Lake) via the S-WTP (brackish) during winter conditions from October (i.e., when the treatment unit becomes operational) to April in 2020-2021 and 2021-2022, after which the S-WTP (brackish) is required to treat low TDS salinity water from the Underground Mine. |
| | ■ Discharge to the IVR Attenuation Pond | ■ Pump / pipeline | ■ 2022 | ■ Closure | ■ Discharge of collected water during open water conditions to the IVR Attenuation Pond when it becomes available in 2022 to the end of operations. |
| | ■ Overflow to Whale Tail Pit | ■ Natural drainage | ■ Closure | ■ WT Pit full | ■ Overflow of the Whale Tail Attenuation Pond into Whale Tail Pit during refilling at 146.3 masl.<br>■ Overflow of the Whale Tail Attenuation Pond is expected to start in June 2026. |

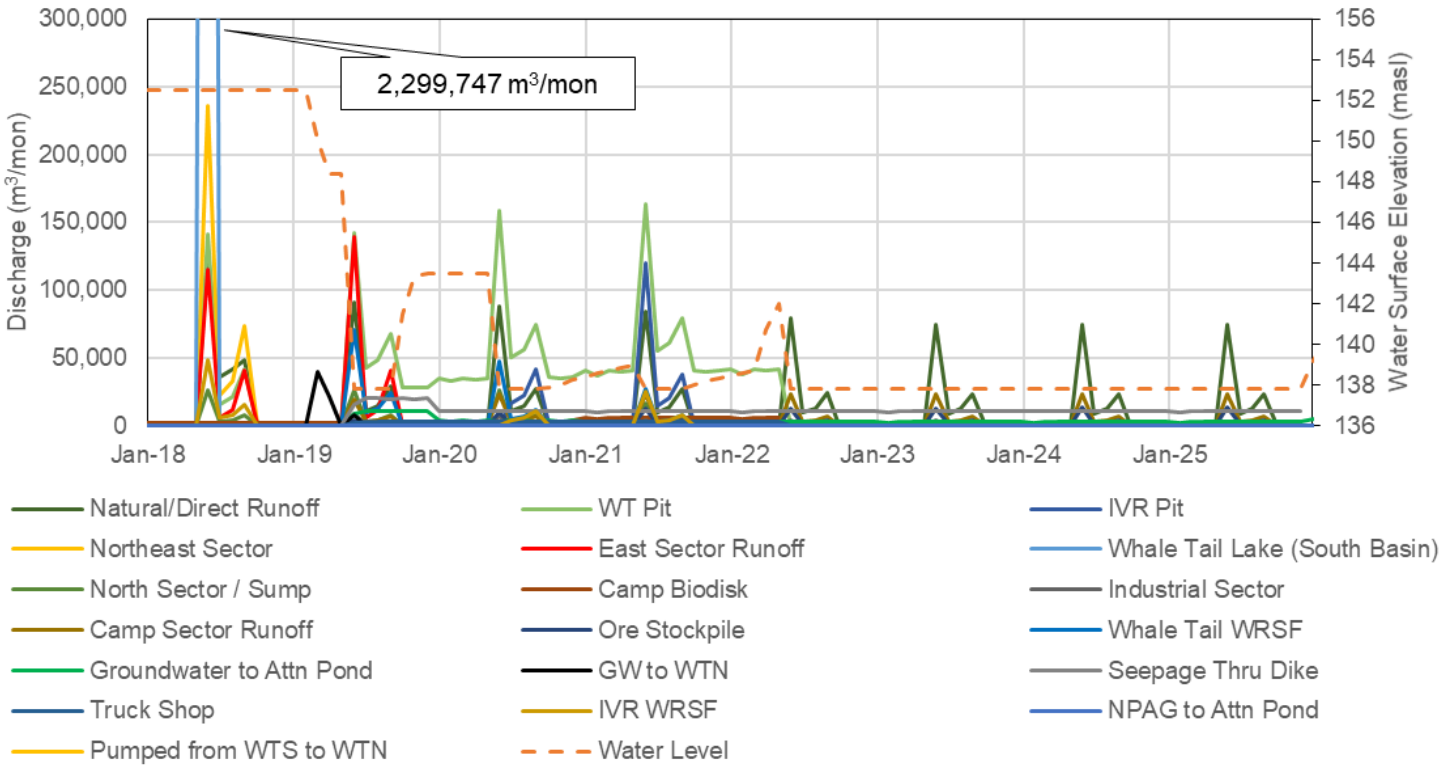


**Figure 67: Inflows to the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Construction and Operations)**

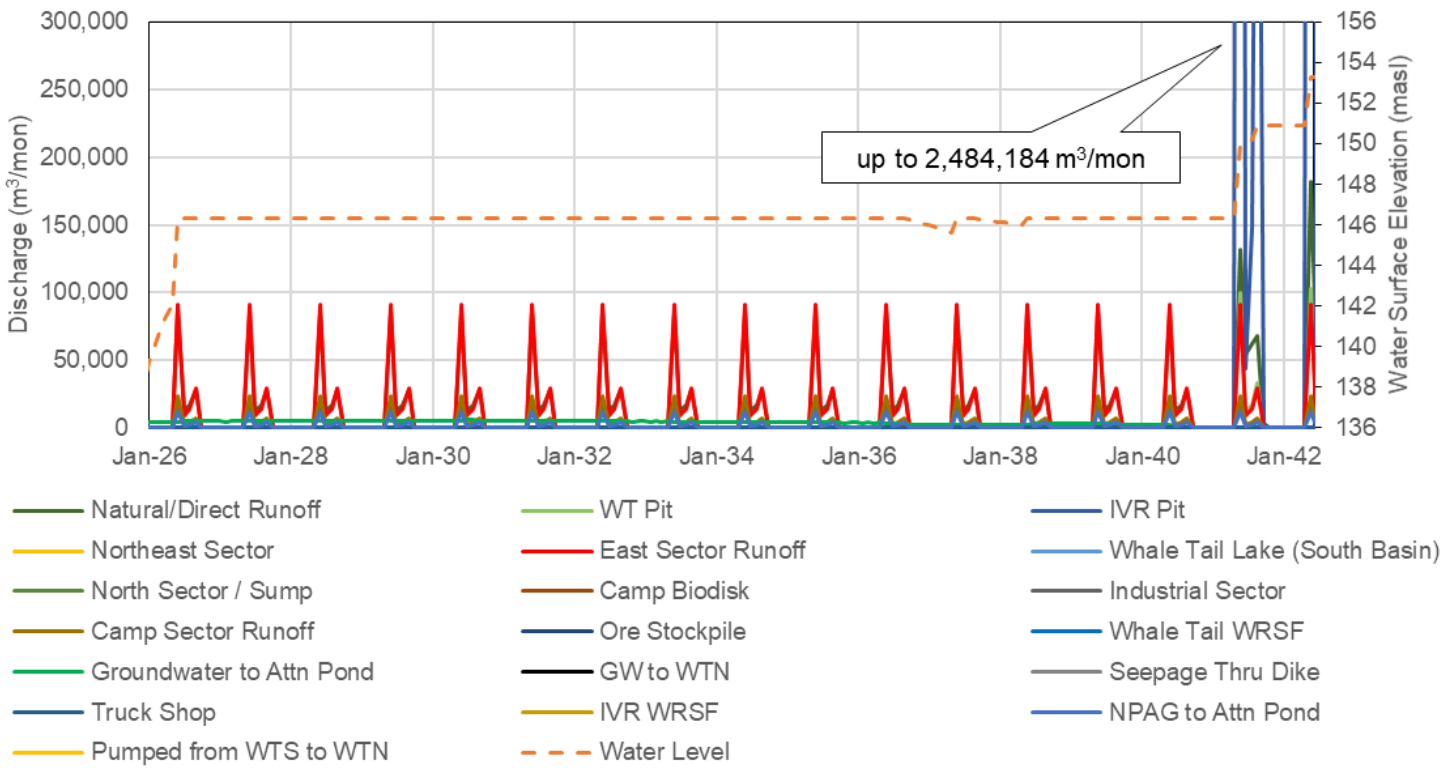


**Figure 68: Inflows to the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Closure)**

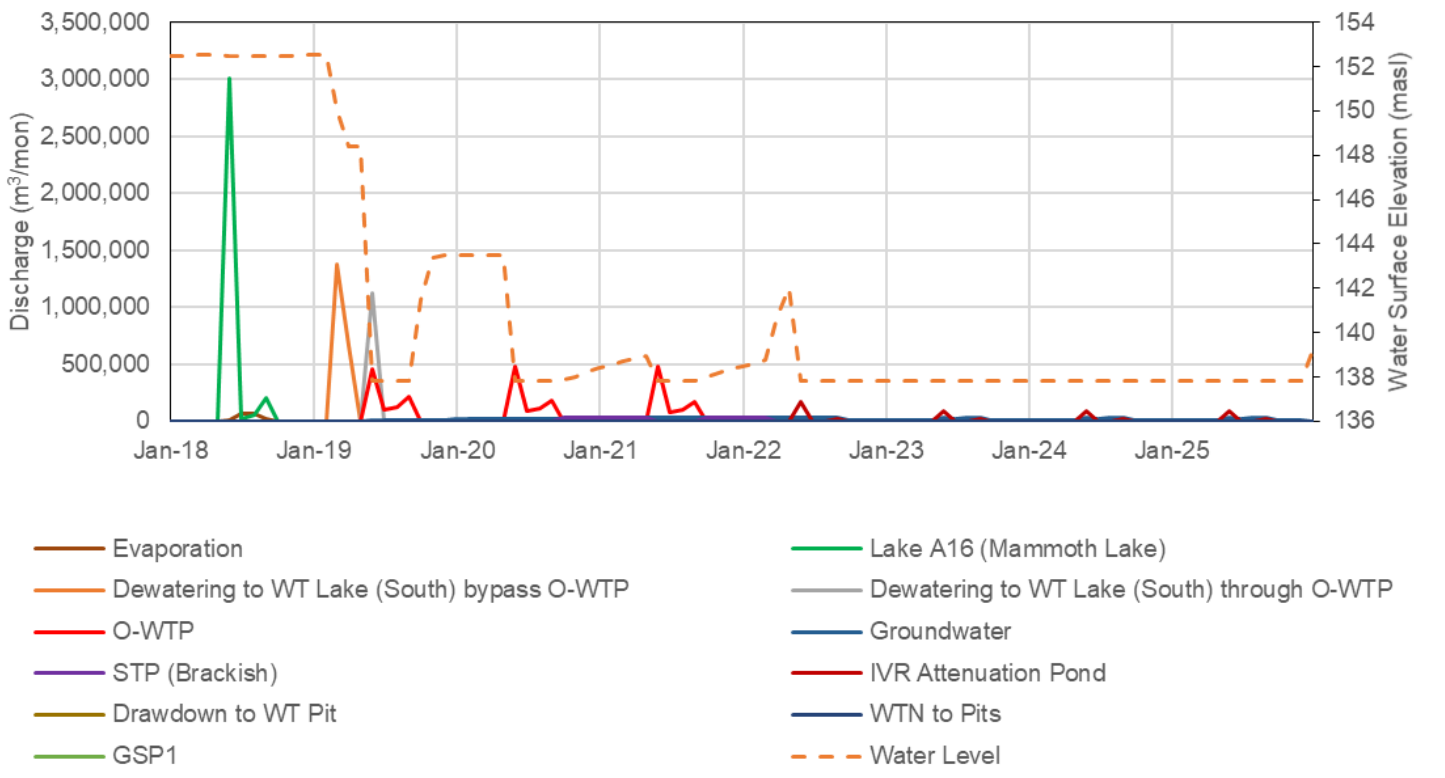


**Figure 69: Outflows from the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Construction and Operations)**

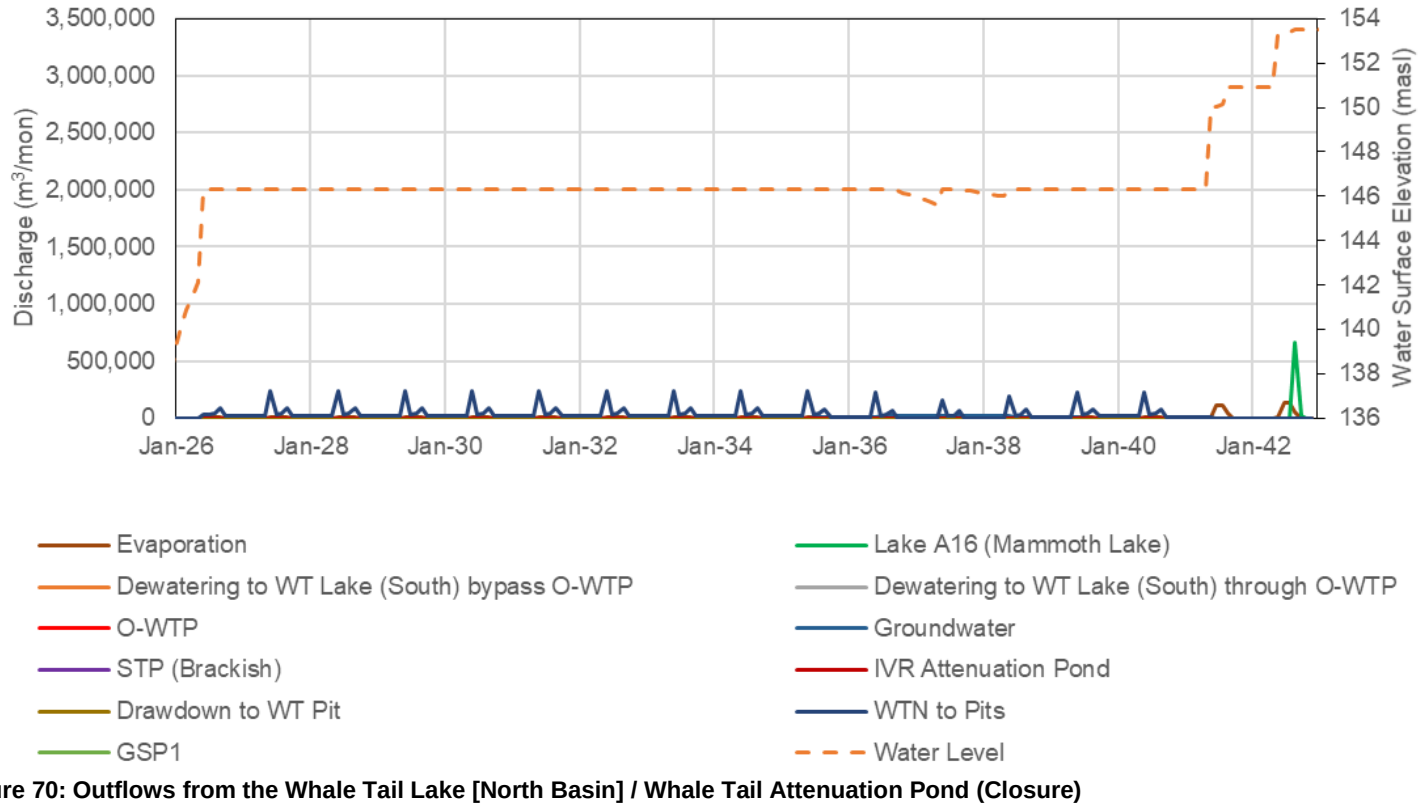


**Figure 70: Outflows from the Whale Tail Lake [North Basin] / Whale Tail Attenuation Pond (Closure)**

### 5.8.3 Changes from the FEIS Addendum

The most significant changes to inflows to the Whale Tail Attenuation Pond are caused by the following:

- The updated drainage area delineation results in a 21% smaller local drainage area in 2019 (3.05 $km^2$ vs 3.86 $km^2$ previously). However once Whale Tail Lake (North Basin) is dewatered, the difference drops to only 2% (5.16 $km^2$ vs 5.07 $km^2$ previously).
- WRSF Inflows. Runoff from the watersheds containing WRSFs are significantly reduced due to the updated calculation of runoff and seepage from the WRSFs.
- Consumptive flows. The operational camp flows starting in 2021 are approximately 1.5 times higher (192 $m^3$/day vs 77.8 $m^3$/day previously).

There is no change in the predicted groundwater flows to and from the pond (see Section 4.0).

By the end of operations, there is 1,695,350 $m^3$ (16%) less inflow to the pond than previously predicted (9,139,900 $m^3$ vs. 10,835,250 $m^3$). For closure, the result of these updates is that the filling of Whale Tail Lake (North Basin) is delayed by a year (2042 instead of 2041) (Figure 71).

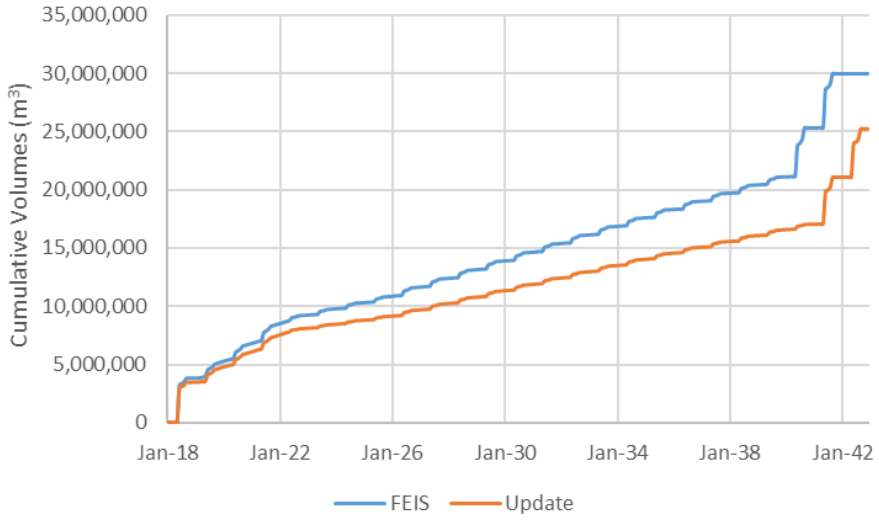


**Figure 71: Comparison of Cumulative Inflows to the Whale Tail Attenuation Pond under the FEIS Addendum and the Current Water Balances**

## 5.9 IVR Pit

### 5.9.1 Catchment Characteristics and Water Management

The proposed IVR Pit is located just north of Whale Tail Lake, within the Northeast Sector (see Section 5.2.1.3). The IVR Pit is initiated in Q3 2020. Its operational runoff is conveyed to the active attenuation pond (i.e., either the Whale Tail Attenuation Pond or the IVR Attenuation Pond).

An overview of the catchment, along with its drainage pathways, is provided in Figure 72.

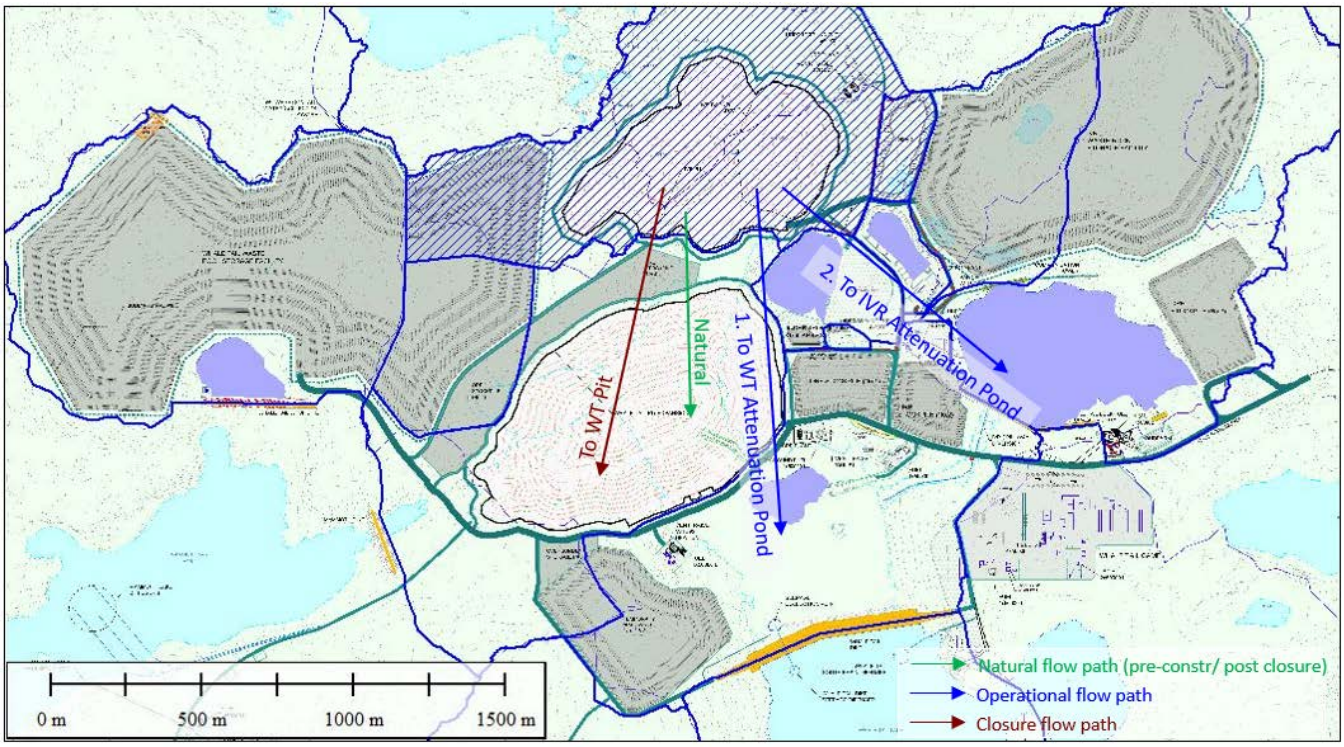


**Figure 72: IVR Pit Catchment Overview**

Storage characteristics are summarized in Table 25. Drainage areas of the Whale Tail Pit are summarized in Figure 73.

The IVR Pit catchment remains local with a drainage area of 1.18 km$^2$ until closure. At closure, natural drainage patterns surrounding the IVR Pit are mostly re-established, including the IVR Diversion and the Northeast Sector watersheds. The IVR WRSF watershed is diverted to Whale Pit. Runoff from the Whale Tail Lake (South Basin), the GSP-1 watershed area, the Underground Mine watershed area and the Whale Tail WRSF Contact Water Collection System are pumped to the IVR Pit to expedite its refilling. The drainage area of the IVR Pit Tail Pit increases to 25.4 km$^2$ which includes the sum of the natural drainage area of Whale Tail Lake (South Basin) and of the Whale Tail WRSF.

**Table 25: Storage Characteristics (IVR Pit)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Q3 2020 to Closure | 1.18 | 46 (2025) to 130 (2020) | 0 | 149.3 | 10,107,510 |
| Closure to Post-Closure | 25.4 | n/a | 0 | 149.3 | 10,107,510 |

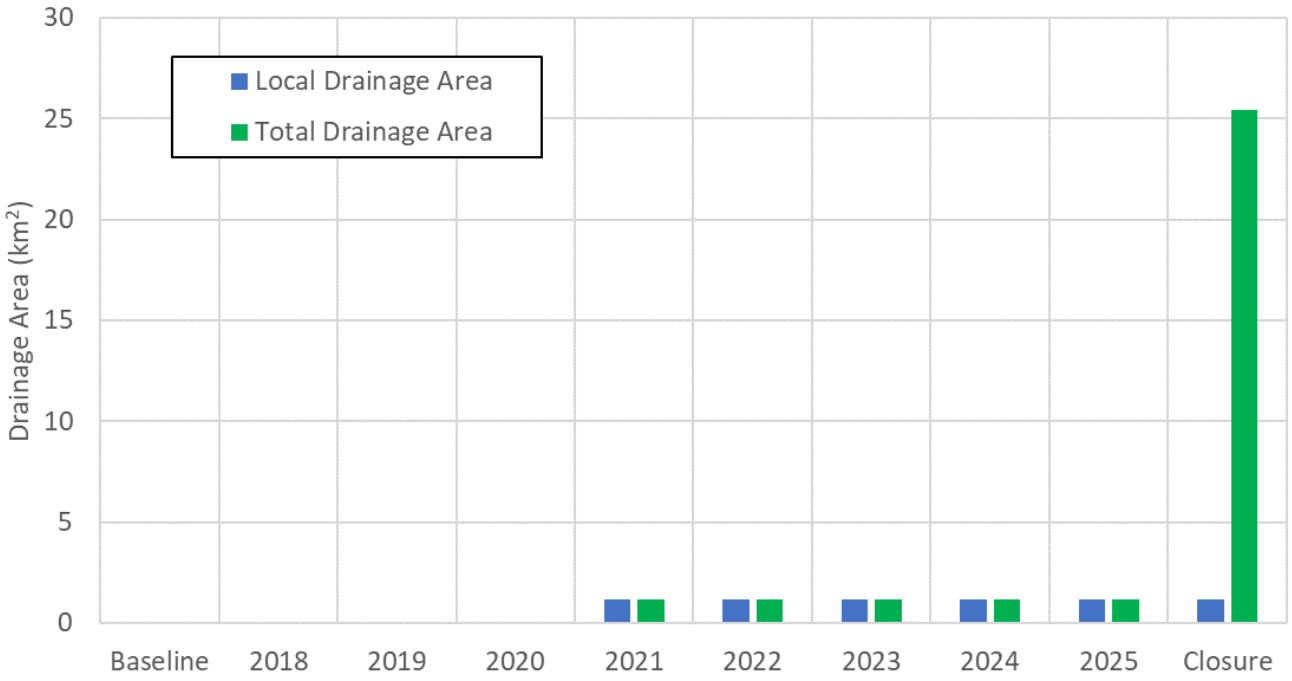


**Figure 73: Drainage Area Progression through the Project (IVR Pit)**

### 5.9.2 Water Balance

Inflows and outflows are summarized in Table 26, and presented in tabular form in Appendix F. IVR Pit is expected to be refilled to 149.3 masl by 2027.

**Table 26: Water Balance Flow Components (IVR Pit)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 74 (Construction / Operations)<br>■ Figure 75 (Closure) | ■ Direct and indirect runoff from natural areas | ■ Natural drainage | ■ Q3 2020 | ■ Post-Closure | ■ Runoff volumes are expected to be constant on an annual basis, with minor fluctuations from direct runoff at various pit surface areas. |
| | ■ Drilling Water | ■ Pump / Pipeline | ■ Q3 2020 | ■ Closure | ■ Drilling water from Lake C38 (Nemo Lake) during operations of the pit. |
| | ■ Runoff from the IVR Diversion sub-watershed | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Runoff from the IVR Diversion sub-watershed following its decommissioning at closure, re-establishing its natural drainage patterns.<br>■ Runoff volumes are expected to be constant on an annual basis. |
| | ■ Drawdown of Whale Tail Lake (South Basin) | ■ Pump / Pipeline | ■ Closure | ■ WTS drawn down | ■ Runoff from Whale Tail Lake (South Basin) during its drawdown from 156.0 masl to 153.5 masl in 2026. |
| | ■ Discharge of overflow from the Whale Tail Lake (South Basin) | ■ Pump / Pipeline | ■ WTS drawn down | ■ Post-Closure | ■ Discharge of water from Whale Tail Lake (South Basin) following its drawdown in 2026 to maintain its water surface elevation at 153.5 masl during closure.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Runoff from the northeast portion of the Whale Tail WRSF | ■ Pump / Pipeline | ■ Closure | ■ Post-Closure | ■ Annual runoff volumes are expected to be constant. |
| OUTFLOWS | | | | | |
| ■ Figure 76 (Construction / Operations)<br>■ Figure 77 (Closure) | ■ Evaporation | ■ n/a | ■ Q3 2020 | ■ Post-Closure | ■ Evaporative losses proportional to the water surface area of IVR Pit. |
| | ■ Discharge to Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ Q3 2020 | ■ 2022 | ■ Runoff is managed through the Whale Tail Attenuation Pond until the IVR Attenuation pond becomes operational.<br>■ Runoff volumes are expected to be approximately constant on an annual basis, with minor fluctuations from direct runoff at various pit surface areas. |
| | ■ Drilling Water Losses | ■ n/a | ■ Q3 2020 | ■ 2025 | ■ Water locked within the ore |
| | ■ Discharge to IVR Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff is managed through the IVR Attenuation Pond once operational, until closure.<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Overflow to Whale Tail Pit | ■ Natural drainage | ■ IVR Pit full | ■ WT Pit full | ■ Runoff overflows from IVR Pit when full (water surface elevation of 149.3 masl) to Whale Tail Pit by natural drainage patterns until Whale Tail Pit is full (water surface elevation of 146.3 masl).<br>■ Annual runoff volumes are expected to be constant. |
| | ■ Overflow to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ WT Pit full | ■ Post-Closure | ■ Runoff overflows from IVR Pit when full (elevation of 149.3 masl) to Whale Tail Lake (North Basin) by natural drainage patterns once Whale Tail Pit is full.<br>■ Annual runoff volumes are expected to be constant. |

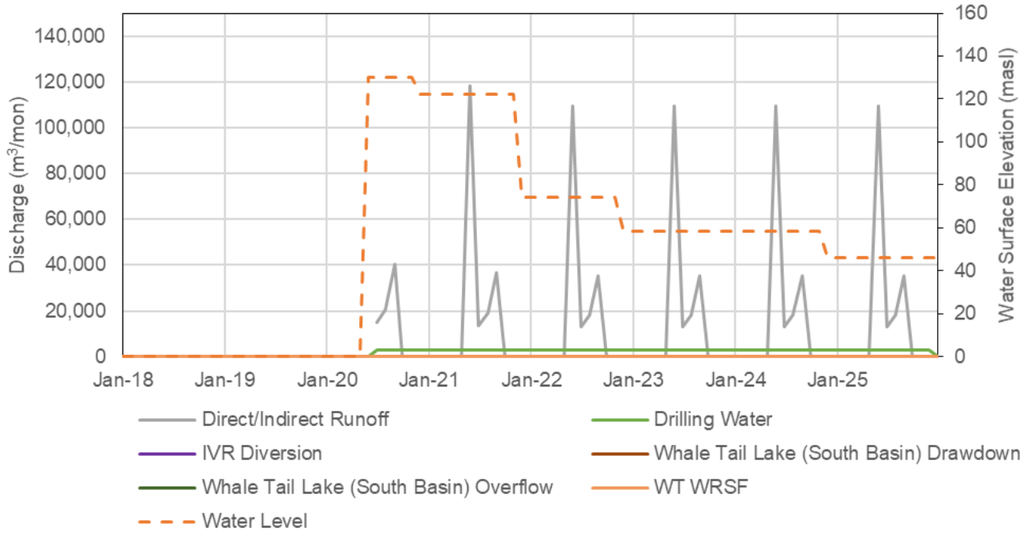


**Figure 74: Inflows to the IVR Pit (Construction and Operations)**

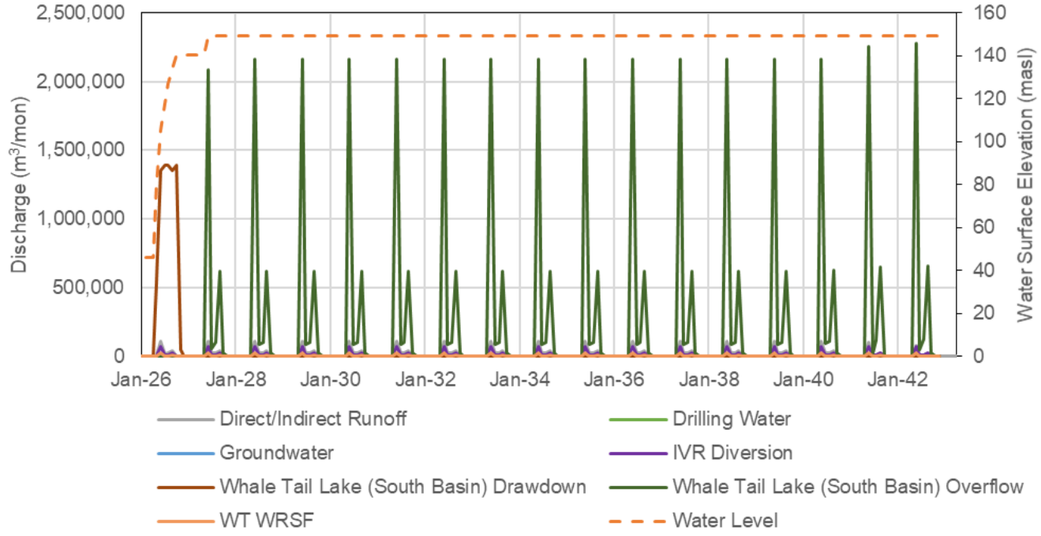


**Figure 75: Inflows to the IVR Pit (Closure)**

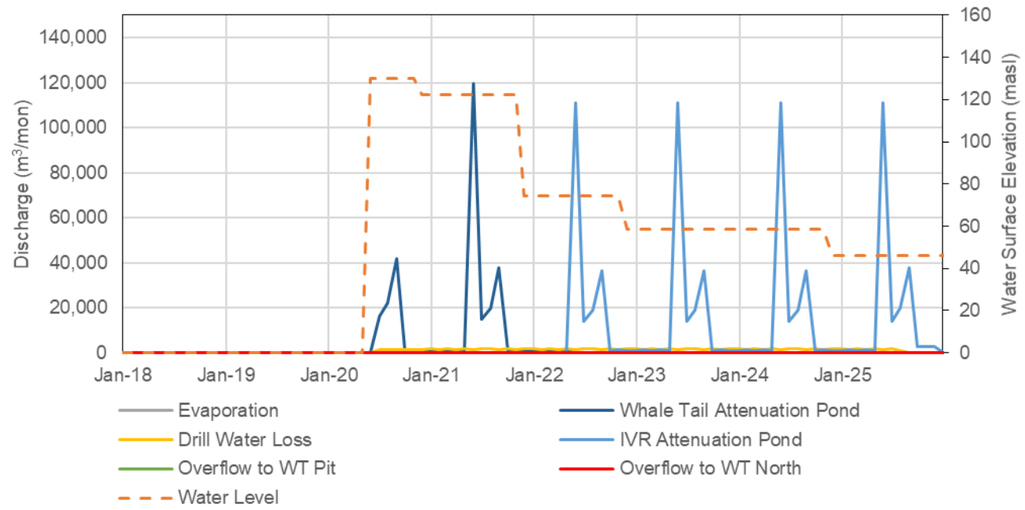


**Figure 76: Outflows from the IVR Pit (Construction and Operations)**

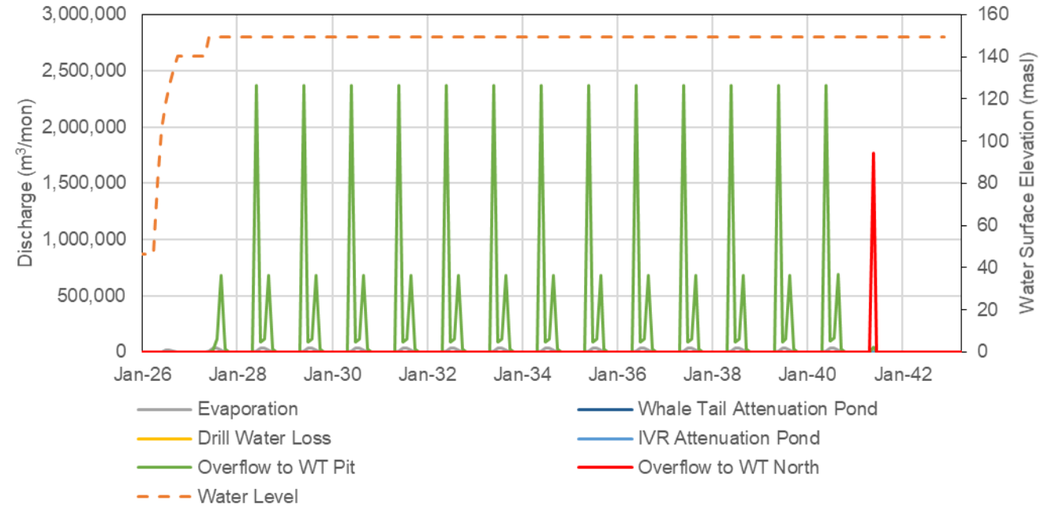


**Figure 77: Outflows from the IVR Pit (Closure)**

### 5.9.3 Changes from the FEIS Addendum

The most significant changes to inflows to the IVR Pit are caused by the following:

- The updated drainage area delineation results in a 12% higher local drainage area during operations (1.18 km$^2$ vs 1.05 km$^2$ previously). At closure, the contributing drainage area is 7% smaller (25.4 km$^2$ vs 27.3 km$^2$ previously).

By the end of operations, there is 38, 950 m$^3$ (3.5%) more inflow to the pit than previously predicted (1,159,650 m$^3$ vs. 1,120,700 m$^3$). For closure, there is no change to the pit filling schedule (2027) (Figure 78).

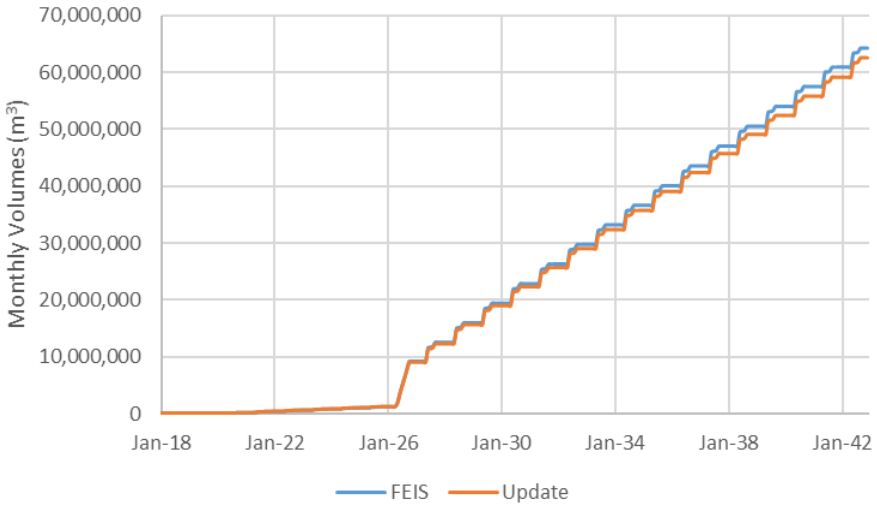


**Figure 78: Comparison of Cumulative Inflows to the IVR Pit under the FEIS Addendum and the Current Water Balances**

## 5.10 IVR Waste Rock Storage Facility Contact Water Collection System

## 5.11 Catchment Characteristics and Water Management

The IVR WSRF Contact Water Collection System becomes operational once the IVR Pit is initiated. Prior to its operation, the natural catchment forms a portion of the Northeast Sector (see Section 5.2.1.3). Runoff from the IVR WRSF is captured by perimeter ditches and conveyed to the IVR WRSF Contact Water Collection System prior to being pumped to the active attenuation pond (i.e., either the Whale Tail Attenuation Pond or the IVR Attenuation Pond). At closure, the runoff from this area is diverted to Whale Tail Pit.

An overview of the catchment, along with its drainage pathways, is provided in Figure 79.

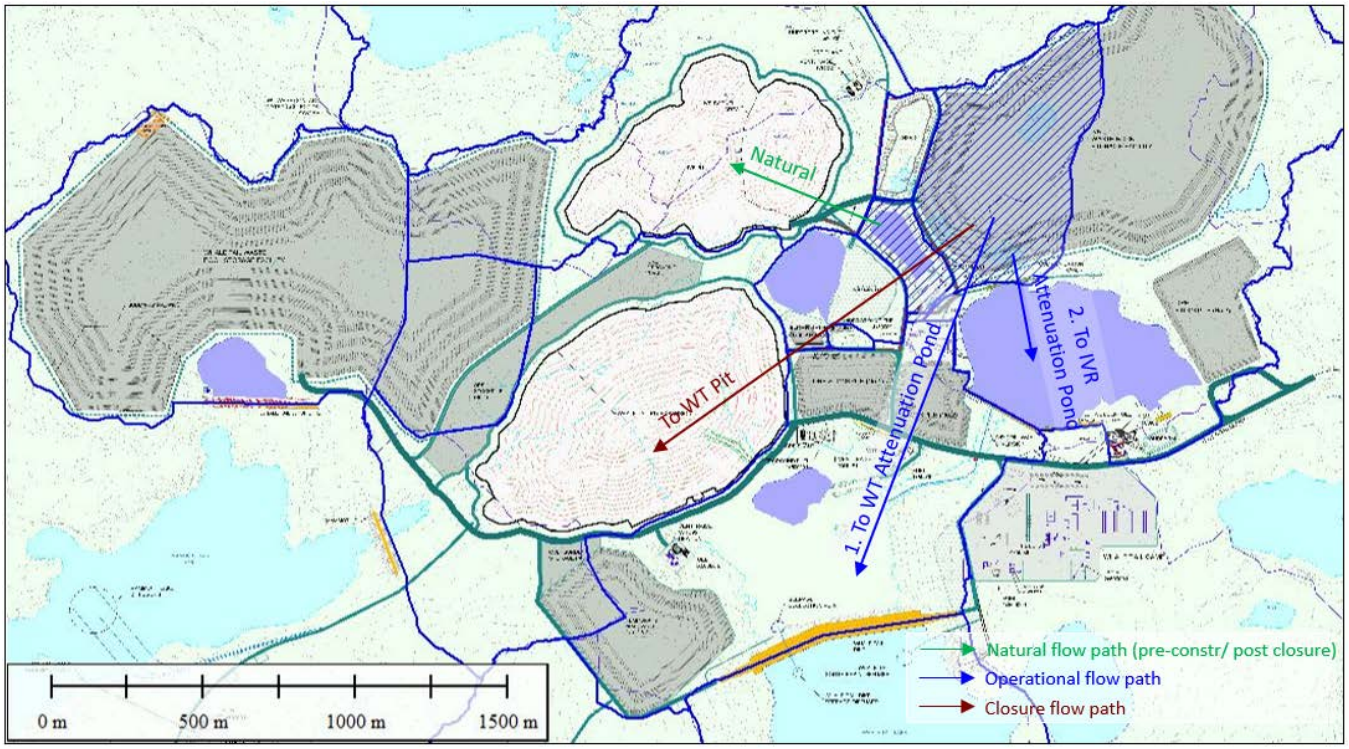


**Figure 79: IVR Waste Rock Storage Facility Contact Water Collection System Catchment Overview**

Storage characteristics are summarized in Table 27. Drainage areas of the IVR Waste Rock Storage Facility Contact Water Collection System are summarized in Figure 80.

The total catchment of the IVR WRSF Contact Water Collection System increases proportionally with the increase in waste rock footprint which encroaches on the natural catchment of the IVR Attenuation Pond over time. At closure, GSP-2 drains to the IVR WRSF thereby increasing its total catchment area. Thus, its total catchment area ranges from 0.459 km$^2$ during baseline conditions, to 0.915 km$^2$ in 2023, to 0.977 km$^2$ at closure. The water balance assumes that the IVR WRSF Contact Water Collection System has no capacity.

**Table 27: Storage Characteristics (IVR WRSF Contact Water Collection System)**

| Snapshot | Drainage Area (km$^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage (m$^3$) | Water Surface Elevation (masl) | Storage (m$^3$) |
| Baseline to Closure | 0.441 to 0.915 | n/a | 0 | n/a | 0 |
| Closure to Post-Closure | 0.977 | n/a | 0 | n/a | 0 |

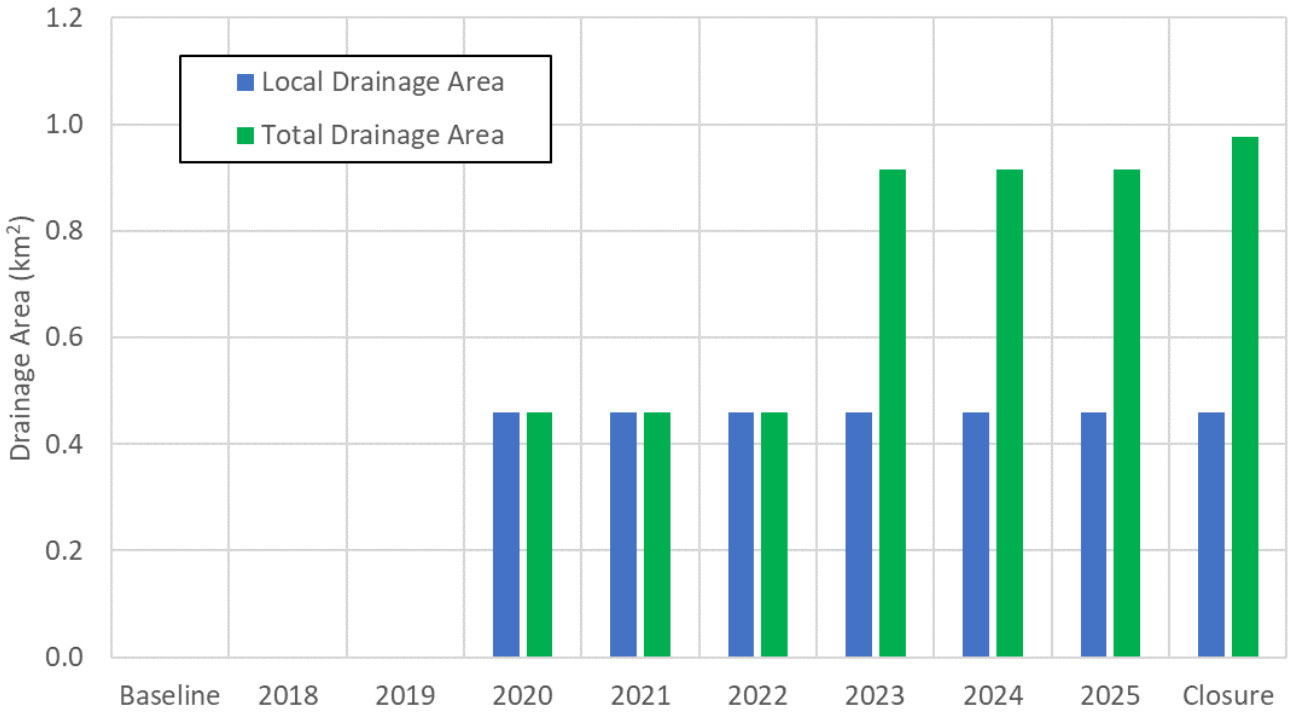


**Figure 80: Drainage Area Progression through the Project (IVR WRSF Contact Water Collection System)**

### 5.11.1 Water Balance

Inflows and outflows are summarized in Table 28, and presented in tabular form in Appendix F.

**Table 28: Water Balance Flow Components (IVR WRSF Contact Water Collection System)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 81 (Construction / Operations)<br>■ Figure 82 (Closure) | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be inversely proportional to the footprint of the IVR WRSF which increases until 2025. |
| | ■ Runoff from the IVR WRSF | ■ Natural drainage | ■ Q3 2020 | ■ Post-Closure | ■ Runoff volumes are expected to be proportional to the footprint of the IVR WRSF which increases until 2025. |
| | ■ Seepage from the IVR WRSF | ■ Natural drainage | ■ 2034 | ■ Post-Closure | ■ Based on OKC modelling results, seepage from the WRSF is negligible (See Section 4.0) |
| | ■ Runoff from GSP-2 | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ GSP-2 is backfilled at the start of closure and its runoff will follow natural drainage patterns towards the IVR WRSF |
| OUTFLOWS | | | | | |
| ■ Figure 83 (Construction / Operations)<br>■ Figure 84 (Closure) | ■ Runoff to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ 2018 | ■ 2019 | ■ Runoff to Whale Tail Lake (North Basin) until the Northeast Dike is constructed in October 2018 |
| | ■ Runoff discharge to the Northeast Sector | ■ Pump / Pipeline | ■ 2019 | ■ Q3 2020 | ■ Runoff discharge to Lake A16 (Mammoth Lake) via the Northeast Sector diversion (see Section 5.2.1.3) once the Northeast Dike is constructed in October 2018, until the IVR Pit is initiated in Q3 2020. |
| | ■ Runoff discharge to the Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ Q3 2020 | ■ 2022 | ■ Runoff discharge to Whale Tail Attenuation Pond once the IVR Pit is initiated in Q3 2020, until the IVR Attenuation Pond is operational in 2022.<br>■ Runoff volumes decrease slightly from baseline conditions resulting from temporary storage in the IVR WRSF (i.e., released as seepage in 2034). |
| | ■ Runoff discharge to the IVR Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff discharge to IVR Attenuation Pond once operational 2022 until closure. |
| | ■ Runoff to Whale Tail Lake (North Basin) via the Whale Tail Pit | ■ Natural drainage | ■ Closure | ■ Post-Closure | ■ Runoff to Whale Tail Lake (North Basin) via the IVR Pit at closure, following natural drainage pattern.<br>■ Runoff volumes are expected to increase from baseline conditions from freezing of the Whale Tail WRSF and runoff from GSP-2. |

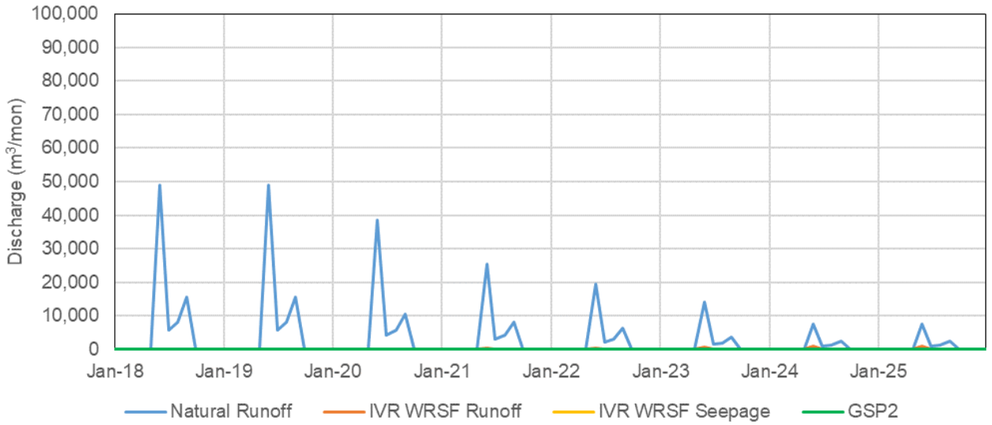


**Figure 81: Inflows to the IVR WRSF Contact Water Collection System (Construction and Operations)**

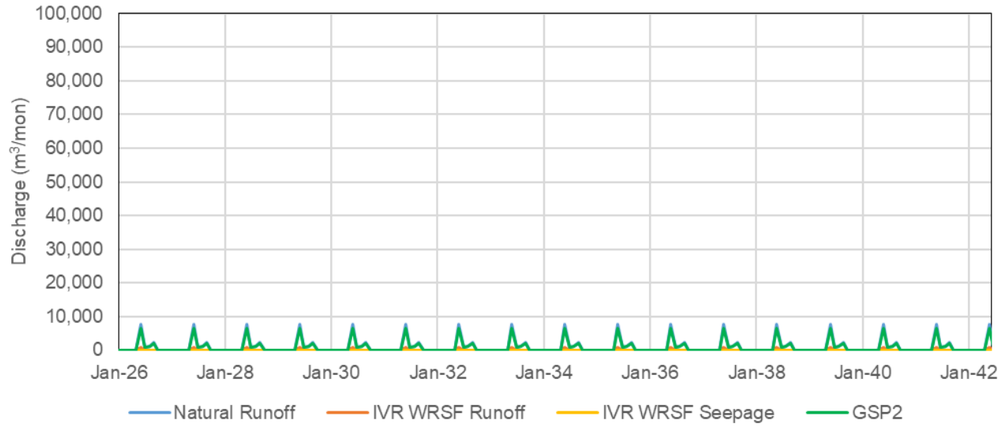


**Figure 82: Inflows to the IVR WRSF Contact Water Collection System (Closure)**

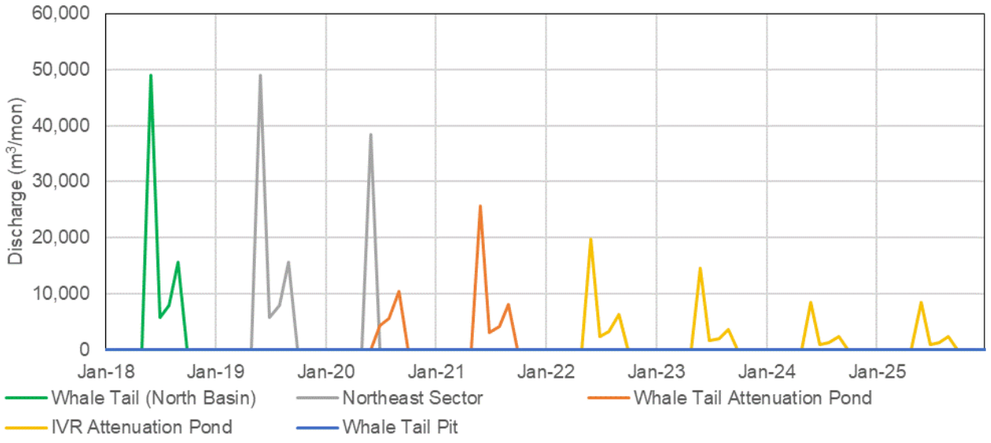


**Figure 83: Outflows from the IVR WRSF Contact Water Collection System (Construction and Operations)**

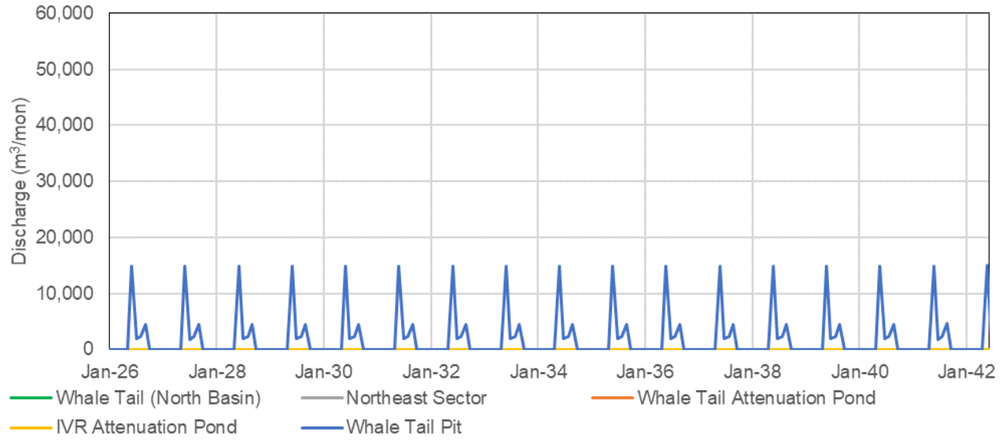


**Figure 84: Outflows from the IVR WRSF Contact Water Collection System (Closure)**

### 5.11.2 Changes from the FEIS Addendum

The most significant changes to inflows to the IVR WRSF are caused by the following:

- The primary difference in this update is the calculation of runoff and seepage from the WRSF. As explained in Section 4.0, the updated calculation method significantly reduces the generated runoff from the stockpile and sets the seepage to zero.
- The updated drainage area delineation results in a 16% higher local drainage area during operations (0.92 km$^2$ vs 0.788 km$^2$ previously). At closure, the contributing drainage area is 19% higher (0.977 km$^2$ vs 0.822 km$^2$ previously).

By the end of operations, there is 225,700 m$^3$ (40%) less runoff from the IVR WRSF than previously predicted (336,200 m$^3$ vs. 560,850 m$^3$). For closure, the cumulative runoff is 72% less (739,700 m$^3$ vs. 2,623,900 m$^3$). (Figure 85).

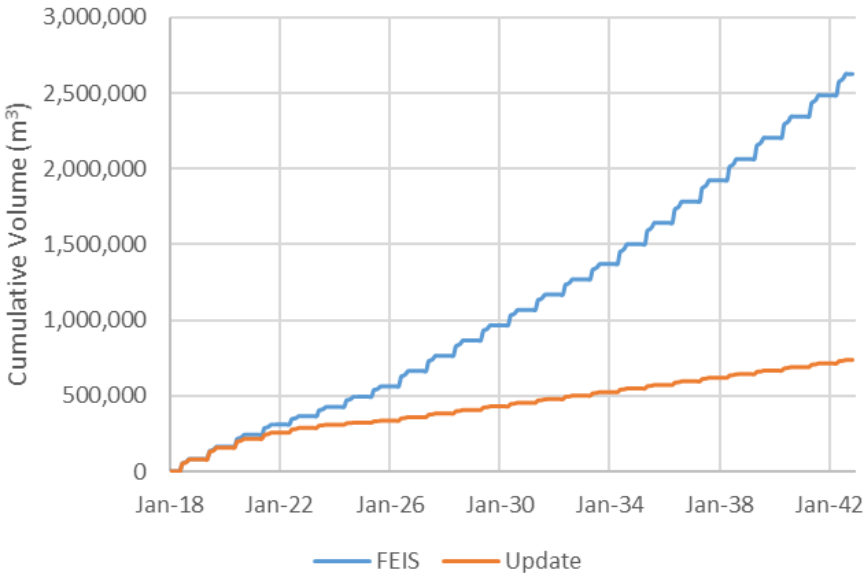


**Figure 85: Comparison of Cumulative Inflows to the IVR WRSF under the FEIS Addendum and the Current Water Balances**

## 5.12 East Sector / IVR Attenuation Pond

### 5.12.1 Catchment Characteristics and Water Management

The East Sector, inclusive of the Lake A53 catchment, is located east of Whale Tail Lake. The catchment remains at baseline conditions until 2022, when it becomes the IVR Attenuation Pond following fishout, construction of the IVR Attenuation Pond Dike, and dewatering of Lake A53. Its outlet drains naturally to Whale Tail Lake (North Basin) in 2018, after which its flow is diverted to Whale Tail Lake (South Basin) from 2019 to 2022. The IVR Attenuation Pond is operational by freshet 2022. The IVR Attenuation Pond is intended to manage all contact water from 2022 to closure while discharging through the O-WTP during open water conditions. At closure, it is drawn down by pumping to the Underground Mine, is backfilled with NML/NPAG waste rock to decrease its storage to zero and its

natural drainage patterns are re-established towards Whale Tail Lake (North Basin) via the Whale Tail Attenuation Pond.

An overview of the catchment, along with drainage pathways, is provided in Figure 86.

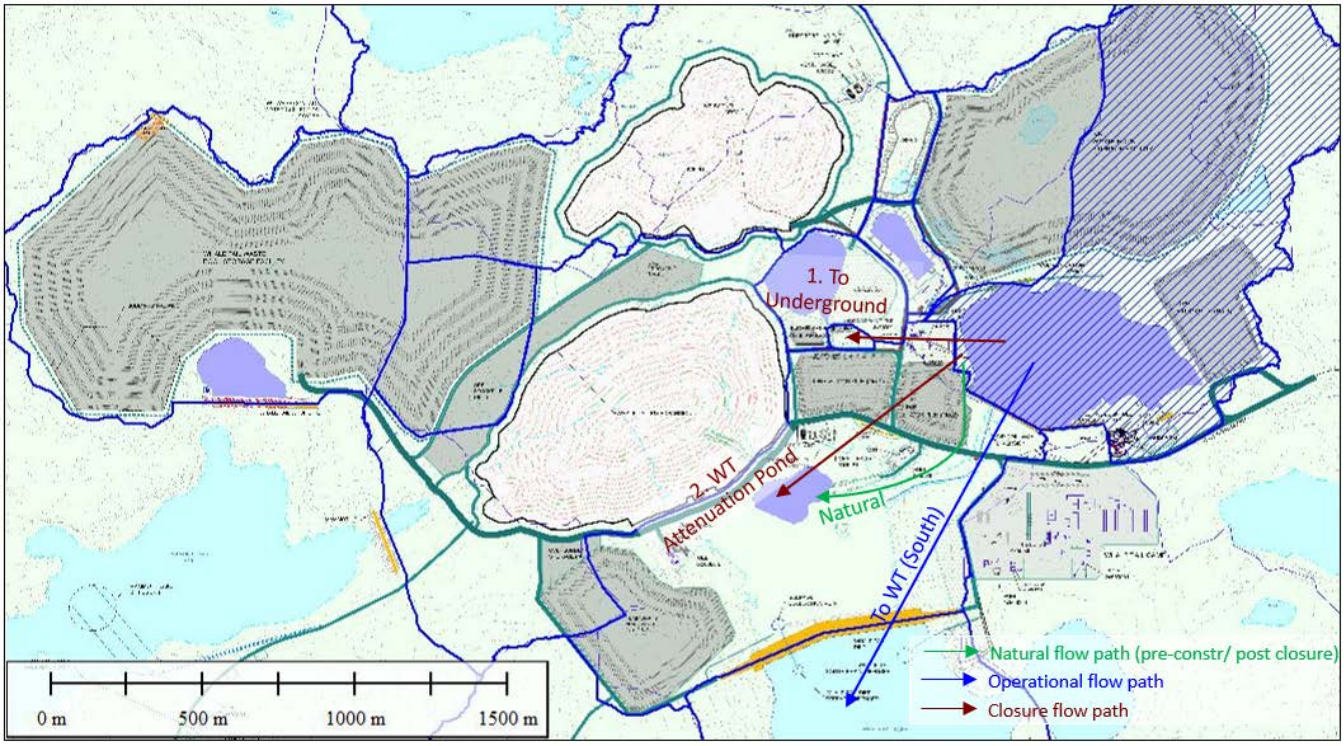


**Figure 86: East Sector / IVR Attenuation Pond Catchment Overview**

Storage characteristics are summarized in Table 29. Drainage areas of the IVR Attenuation Pond are summarized in Figure 87.

The East Sector / IVR Attenuation Pond has a drainage area of 1.32 km$^2$ at baseline. Its local drainage area diminishes with the increasing IVR WRSF footprint. Contributing catchments include those from the Whale Tail WRSF Contact Water Collection System, the North Sump, the Whale Tail Attenuation Pond, the Whale Tail Pit, the IVR Pit and the IVR WRSF Contact Water Collection System resulting in a total drainage area of 6.48 km$^2$ during operations. At closure, its drainage area consists of its local drainage area of 0.86 km$^2$.

**Table 29: Storage Characteristics (East Sector / IVR Attenuation Pond)**

| Snapshot | Contributing Drainage Area ($km^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage ($m^3$) | Water Surface Elevation (masl) | Storage ($m^3$) |
| Baseline to 2022 | 1.32 | 161.73 | 154,735 | 161.73 | 154,735 |
| 2022 to Closure | 6.48 | 157.75 to 163.9 | 534,819 | 163.9 | 534,819 |
| Closure to Post-Closure | 0.86 | 161.73 | 0 | 161.73 | 0 |

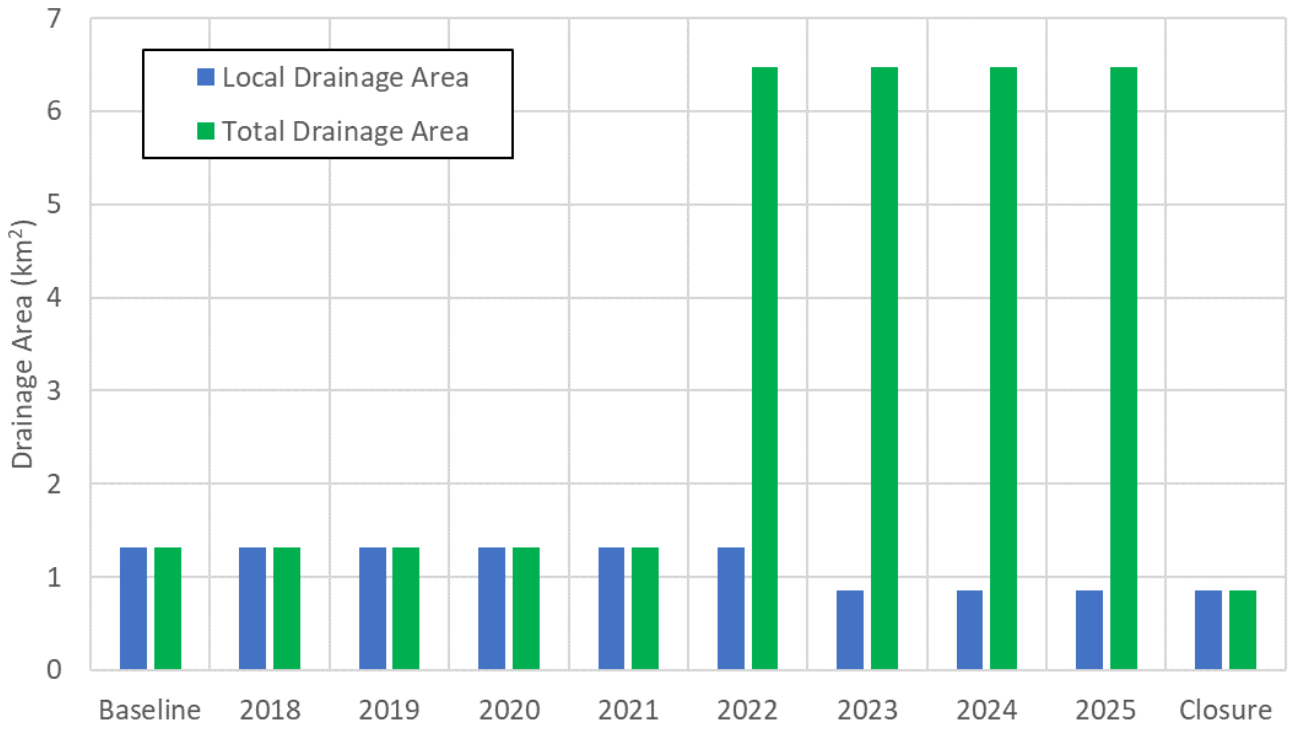


**Figure 87: Drainage Area Progression through the Project (East Sector / IVR Attenuation Pond)**

### 5.12.2 Water Balance

Inflows and outflows are summarized in Table 30, and presented in tabular form in Appendix F.

**Table 30: Water Balance Flow Components (East Sector / IVR Attenuation Pond)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 88 (Construction / Operations)<br>■ Figure 89 (Closure) | ■ Natural direct and indirect runoff | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be inversely proportional to the footprint of the IVR WRSF encroaching on the East Sector / IVR Attenuation catchment until 2025. |
| | ■ Runoff from the landfarm located in the watershed | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are expected to be constant. |
| | ■ Runoff from Whale Tail Ore Stockpile No. 3 located in the watershed | ■ Natural drainage | ■ 2022 | ■ Post-Closure | ■ Runoff volumes are expected to be constant. |
| | ■ Camp biodisk and truck shop inflows | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff volumes are expected to be constant. |
| | ■ Discharge from the Whale Tail Attenuation Pond | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff volumes are expected to be greater in 2022 to reduce the water level in the Whale Tail Attenuation and constant on annual basis thereafter. |
| | ■ Discharge from the IVR Pit | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Annual volumes expected to be constant. |
| | ■ Runoff from the IVR WRSF | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Runoff volumes are expected to be proportional to the footprint of the IVR WRSF increasingly encroaching on the East Sector / IVR Attenuation catchment until 2025. |
| | ■ Runoff from the North Sump | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Annual runoff volumes expected to be constant. |
| | ■ Runoff from the Whale Tail Pit | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Annual runoff volumes expected to be constant. |
| | ■ Runoff from Whale Tail WRSF | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Annual runoff volumes expected to be constant. |
| OUTFLOWS | | | | | |
| ■ Figure 90 (Construction / Operations)<br>■ Figure 91 (Closure) | ■ Evaporation | ■ n/a | ■ 2018 | ■ Post-Closure | ■ Evaporative losses are expected to be proportional to the water surface elevation in Lake A53 / IVR Attenuation Pond |
| | ■ Runoff to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ 2018<br>■ Closure | ■ 2019<br>■ Post-Closure | ■ Runoff following natural drainage patterns prior to the diversion to Whale Tail Lake (South Basin), and during closure. |
| | ■ Runoff to Whale Tail Lake (South Basin) | ■ Channel | ■ 2019 | ■ 2022 | ■ Runoff diversion to Whale Tail Lake (South Basin) starting during the dewatering of Whale Tail Lake (North Basin) and ending once the IVR Attenuation Pond becomes operational. |
| | ■ Drawdown and runoff diversion bypassing the O-WTP | ■ Pump / Pipeline | ■ 2022 | ■ 2022 | ■ Drawdown of 66% of Lake A53 to Whale Tail Lake (South Basin) assumed not to require treatment, following fishout and prior to operations of the IVR Attenuation Pond in April 2022. |
| | ■ Runoff diversion to the O-WTP | ■ Pump / Pipeline | ■ 2022 | ■ Closure | ■ Drawdown of 34% of the Lake A53 to Whale Tail Lake (South Basin) prior to operations of the IVR Attenuation Pond in May 2022.<br>■ Diversion to the O- WTP during open water conditions. |
| | ■ Drawdown to the Underground Mine | ■ Pump / Pipeline | ■ Start of closure | ■ Start of closure | ■ Pumping of the IVR Attenuation Pond to the underground mine prior to backfilling with NML/NPAG waste rock at the start of closure. |

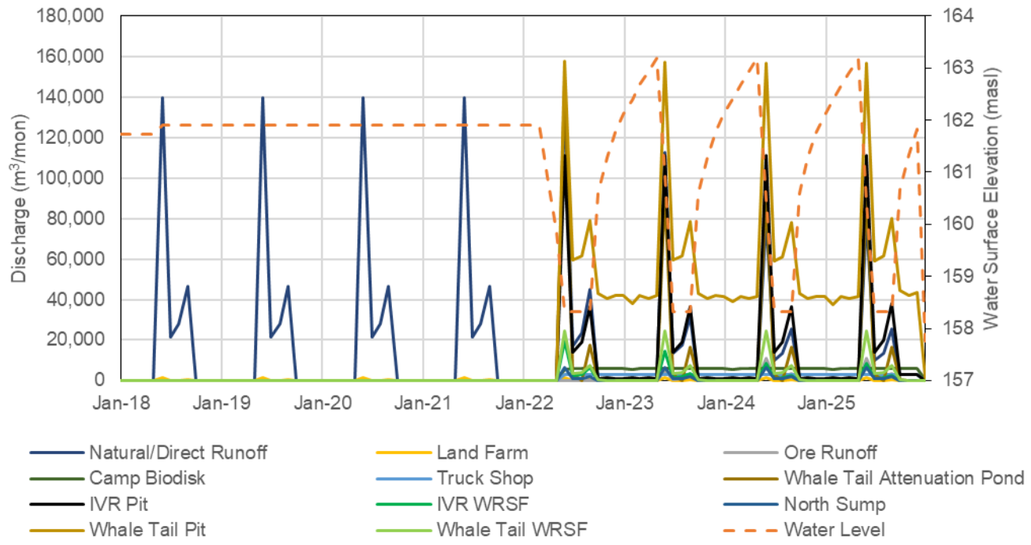


**Figure 88: Inflows to the East Sector / IVR Attenuation Pond (Construction and Operations)**

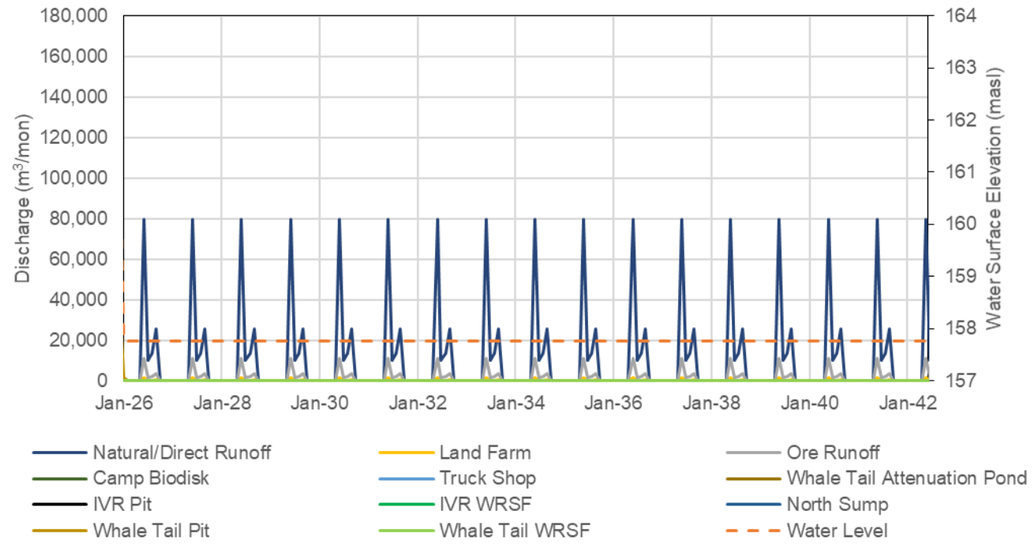


**Figure 89: Inflows to the East Sector / IVR Attenuation Pond Area (Closure)**

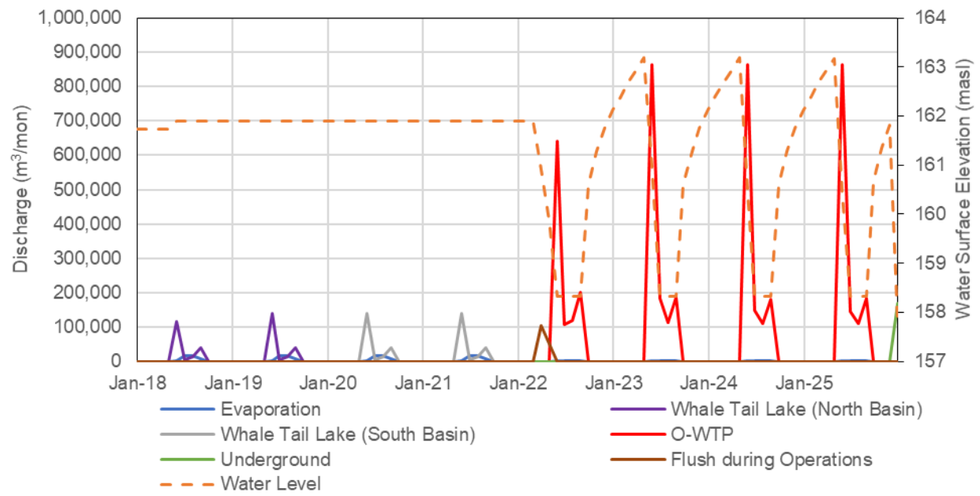


**Figure 90: Outflows from the East Sector / IVR Attenuation Pond (Construction and Operations)**

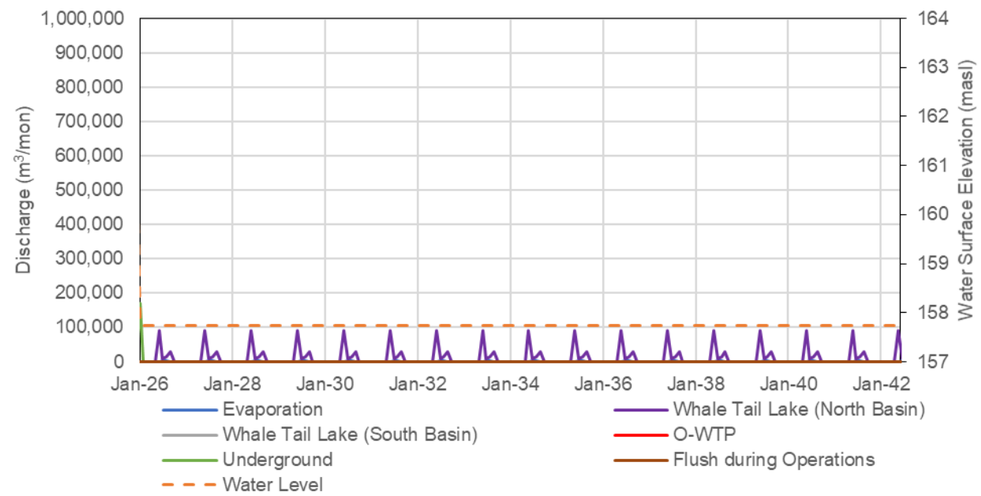


**Figure 91: Outflows from the East Sector / IVR Attenuation Pond Area (Closure)**

### 5.12.3 Changes from the FEIS Addendum

The most significant changes to inflows to the IVR Attenuation Pond are caused by the following:

- The updated drainage area delineation results in a 2.5% smaller local drainage area before 2022 (1.32 $km^2$ vs 1.35 $km^2$ previously). From 2022 to closure, the total contributing drainage is 0.9% larger (6.48 $km^2$ vs 6.42 km2 previously). At closure, the local drainage area is approximately 14% smaller (0.86 $km^2$ vs 1.00 $km^2$ previously).
- WRSF Inflows. Runoff from the watersheds containing WRSFs are significantly reduced due to the updated calculation of runoff and seepage from the WRSFs.
- Consumptive flows. The camp flows are substantially higher (192 $m^3$/day vs 77.8 $m^3$/day previously).

The change in runoff prior to 2022 is due solely to the updated area delineation and is less than 1% (950,900 $m^3$ vs. 966,750 $m^3$ previously). By the end of operations, however, the reduction of inflow due to the runoff from the WRSFs is slightly offset by the increase in consumptive flows. The resulting cumulative inflow is 8% lower (6,143,800 $m^3$ vs. 6,670,250 $m^3$). During closure, the consumptive flows are no longer required. By 2042, there is a 10% decrease in the cumulative inflows (8,666,450 $m^3$ vs. 9,599,300 $m^3$) (Figure 92).

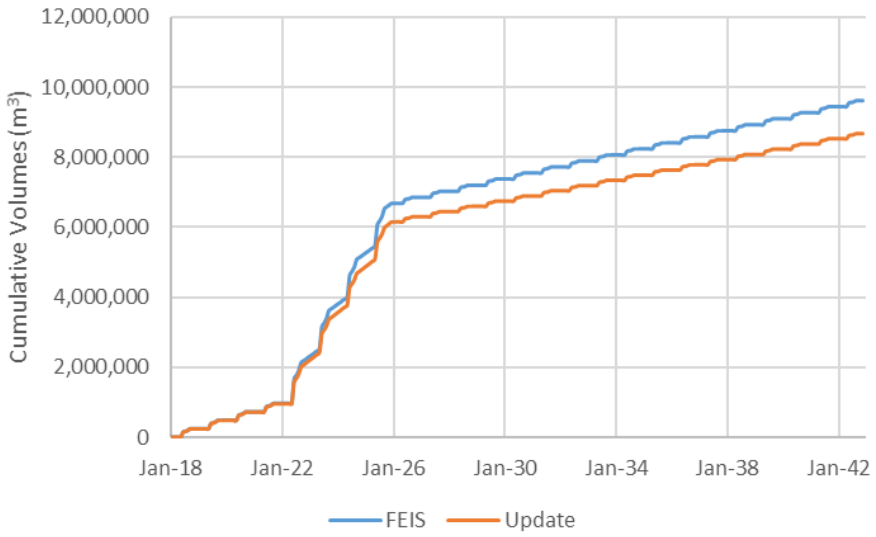


**Figure 92: Comparison of Cumulative Inflows to the IVR Attenuation Pond under the FEIS Addendum and the Current Water Balances**

## 5.13 Whale Tail Lake (South Basin)

### 5.13.1 Catchment Characteristics and Water Management

Whale Tail Lake (South Basin) is located south of and adjacent to the proposed Whale Tail Dike. Whale Tail Lake (South Basin) is connected to Whale Tail Lake (North Basin) until the construction of the Whale Tail Dike in June 2018. Dewatering of Whale Tail Lake (North Basin) results in the flooding of Whale Tail Lake (South Basin) (to an elevation of 156 masl) and overflow into the Lake A16 (Mammoth Lake) watershed via an engineered channel during operations. From June 2021 to closure, Whale Tail Lake (South Basin) receives effluent from the O-WTP.

At the end of operations and into closure, the water level in the South Basin is lowered permanently to 153.5 masl (i.e., one metre above baseline level) by pumping the flooded volume into the Underground Mine and the IVR Pit. This water level is permanently maintained. During closure, water level is maintained by pumping from Whale Tail Lake (South Basin) into Whale Tail Lake (North Basin). Post-closure, the Mammoth Dike and the Whale Tail Dike are decommissioned to re-establish natural drainage patterns in Whale Tail Lake. Whale Tail Lake then flows to Lake A16 (Mammoth Lake) via the Mammoth sill.

An overview of the sector, along with its natural drainage pattern and operational pathways, is provided in Figure 93.

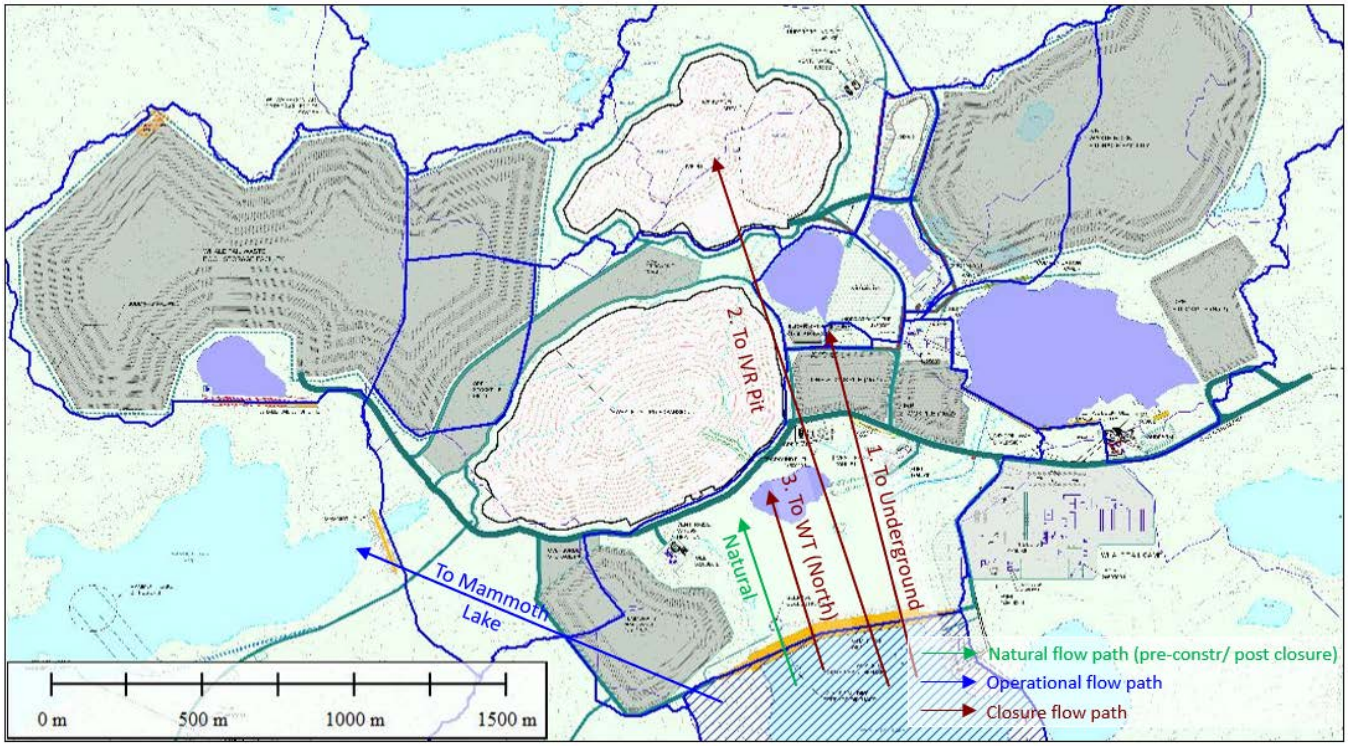


**Figure 93: Whale Tail Lake (South Basin) Catchment Overview**

Storage characteristics are summarized in Table 31. Drainage areas of Whale Tail Lake (South Basin) are summarized in Figure 94. The baseline drainage area of Whale Tail Lake (South Basin), 22.3 km$^2$, is augmented during the dewatering of Whale Tail Lake (North Basin) in 2019 and by the diversion of the East Sector to Whale Tail Lake (South Basin) from2019 to 2021). From 2021 to closure, the drainage area is augmented by treated flows from first the Whale Tail Attenuation Pond (2021 only) and then the IVR Attenuation Pond (via the O-WTP).

**Table 31: Storage Characteristics (Whale Tail Lake [South Basin])**

| Snapshot | Drainage Area ($km^2$) | Operating Level | | Capacity | |
|---|---|---|---|---|---|
| | | Water Surface Elevation (masl) | Storage ($m^3$) | Water Surface Elevation (masl) | Storage ($m^3$) |
| Baseline | 22.3 | 152.50 | 4,597,768 | 152.50 | 4,597,768 |
| Construction to Closure | 22.3 to 28.8 | 156.00 | 11,832,960 | 156.00 | 11,832,960 |
| Closure to Post-Closure | 22.3 | 153.50 | 5,547,803 | 153.50 | 5,547,803 |

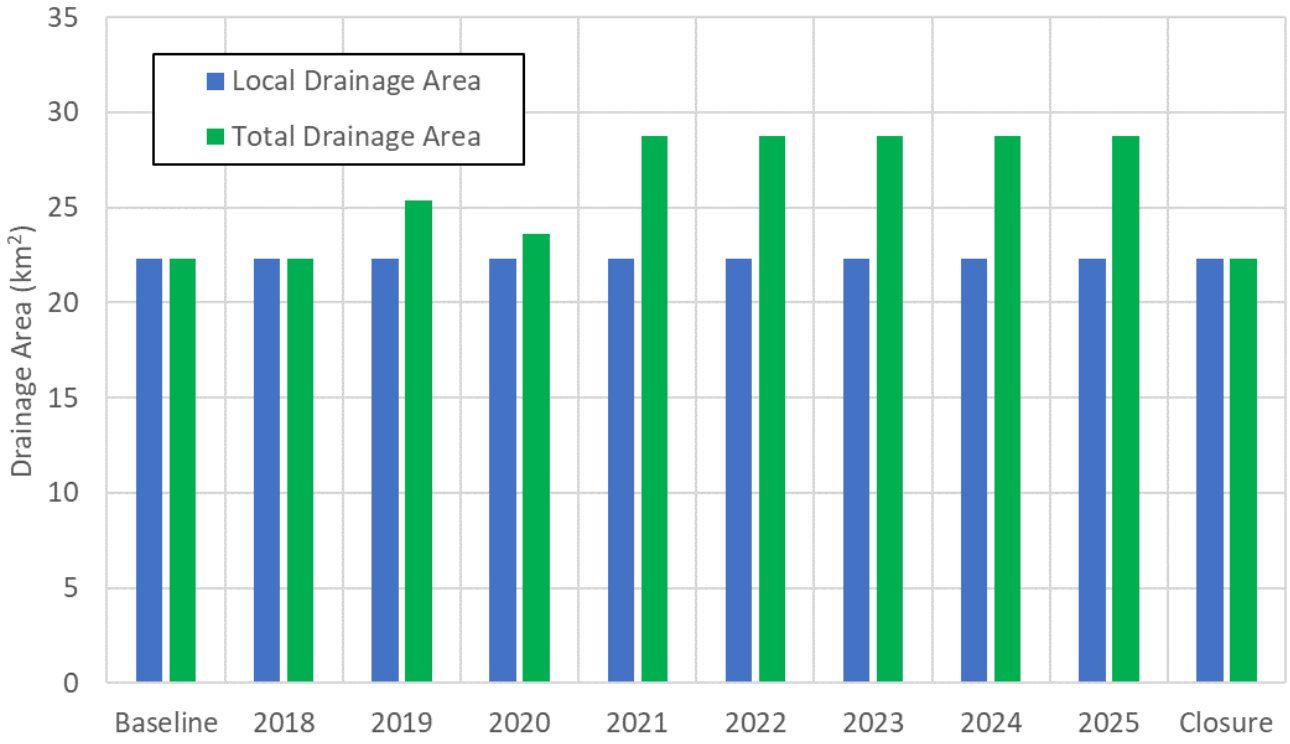


**Figure 94: Drainage Area Progression through the Project (Whale Tail Lake [South Basin])**

### 5.13.2 Water Balance

Inflows and outflows are summarized in Table 32, and presented in tabular form in Appendix F.

**Table 32: Water Balance Flow Components (Whale Tail Lake [South Basin])**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| INFLOWS | | | | | |
| ■ Figure 95 (Construction / Operations)<br>■ Figure 96 (Closure) | ■ Runoff from natural areas | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes are proportional to the lake surface area of Whale Tail Lake (South Basin).<br>■ Runoff volumes include those from tributary lakes when they become part of the flooded area of Whale Tail Lake (South Basin). |
| | ■ Runoff from tributary Lakes A18, A55, A60, A62, and A65 | ■ Natural drainage | ■ 2018 | ■ Post-Closure | ■ Runoff volumes of tributary lakes are included in runoff volumes of Whale Tail Lake (South Basin) when they become part of the flooded area of Whale Tail Lake (South Basin), as noted above. |
| | ■ Runoff diversion from the East Sector | ■ Channel | ■ 2019 | ■ 2022 | ■ Runoff diversion from the Lake A53 watershed until the IVR Attenuation Pond becomes operational.<br>■ Runoff volumes are expected to be constant on an annual basis. |
| | ■ Drawdown of Whale Tail Lake (North Basin) | ■ Pump / Pipeline | ■ 2019 | ■ 2019 | ■ Drawdown of Whale Tail Lake (North Basin) through Whale Tail Lake (South Basin) from March to May 2019. |
| | ■ Discharge from Whale Tail Attenuation Seepage Well | ■ Pump / Pipeline | ■ 2020 | ■ Closure | ■ Discharge from the Whale Tail Attenuation Pond Seepage Pumping Station operational by 2020 and decommissioned by closure. |
| | ■ Effluent discharge from the O-WTP | ■ Pump / Pipeline | ■ June 2021 | ■ Closure | ■ The O-WTP discharges to Whale Tail Lake (South Basin) from June 2021 to closure. |
| OUTFLOWS | | | | | |
| ■ Figure 97 (Construction / Operations)<br>■ Figure 98 (Closure) | ■ Natural connection to Whale Tail Lake (North Basin) | ■ Natural drainage | ■ 2018 | ■ July 2018 | ■ Runoff to Whale Tail Lake (North Basin) following natural drainage patterns until construction of the Whale Tail Dike assumed to prevent runoff by July 2018. |
| | ■ Evaporation | ■ n/a | ■ 2018 | ■ Post-Closure | ■ Evaporative losses proportional to the lake surface area of Whale Tail Lake (South Basin). |
| | ■ Drilling Water | ■ Pump / Pipeline | ■ 2018 | ■ Sep 2018 | ■ Drilling water until the water intake at Lake C38 (Nemo Lake) becomes operational. |
| | ■ Camp Use | ■ Pump / Pipeline | ■ 2018<br>■ 2026 | ■ Sep 2018<br>■ Post-Closure | ■ Camp use until the water intake at Lake C38 (Nemo Lake) becomes operational.<br>■ Camp use during closure. |
| | ■ Truck Use | ■ Pump / Pipeline | ■ 2018 | ■ Sep 2018 | ■ Truck use until the water intake at Lake C38 (Nemo Lake) becomes operational. |
| | ■ Groundwater | ■ Natural drainage | ■ 2019 | ■ Post-Closure | ■ Groundwater infiltration through Whale Tail Dike is expected from the dewatering of Whale Tail Lake (North Basin) until it is refilled. |
| | ■ Runoff diversion to Lake A16 (Mammoth Lake) | ■ Channel | ■ 2020 | ■ Closure | ■ Whale Tail Lake (South Basin) is expected to reach an elevation of 156.0 masl and overflow during open water conditions to Lake A16 (Mammoth Lake) by June 2020 until closure. |
| | ■ Drawdown to the Underground Mine and IVR Pit | ■ Pump / Pipeline | ■ 2026 | ■ WTS drawn down | ■ Drawdown of Whale Tail Lake (South Basin) from 156.0 masl at the start of closure to 153.5 masl by October 2026.<br>■ Drawdown through the Underground Mine until it is refilled and through IVR Pit thereafter. |
| | ■ Runoff diversion to IVR Pit | ■ Pump / Pipeline | ■ 2027 | ■ Post-Closure | ■ Runoff diversion from Whale Tail Lake (South Basin) to maintain water surface elevations at 153.5 masl, to the IVR Pit.<br>■ Annual runoff volumes are expected to be constant. |

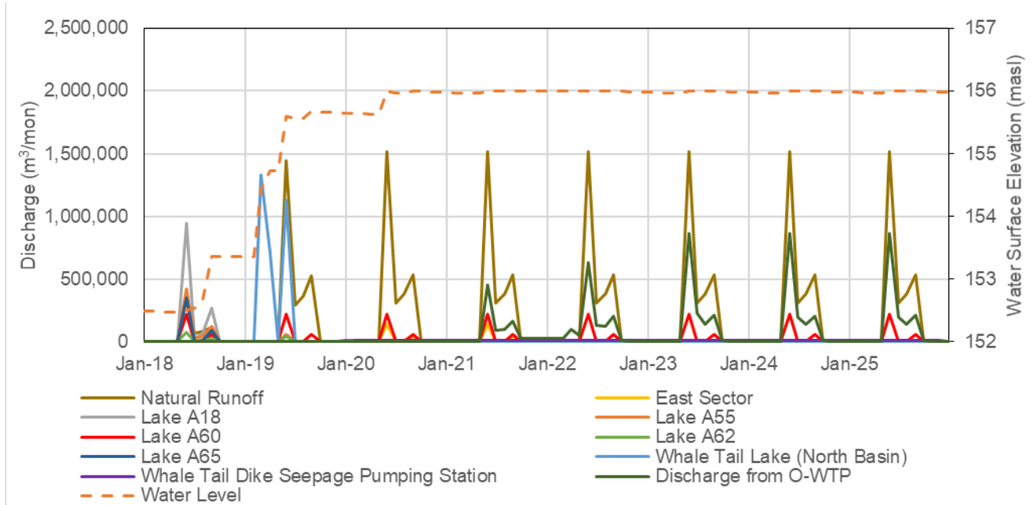


**Figure 95: Inflows to Whale Tail Lake (South Basin) (Construction and Operations)**

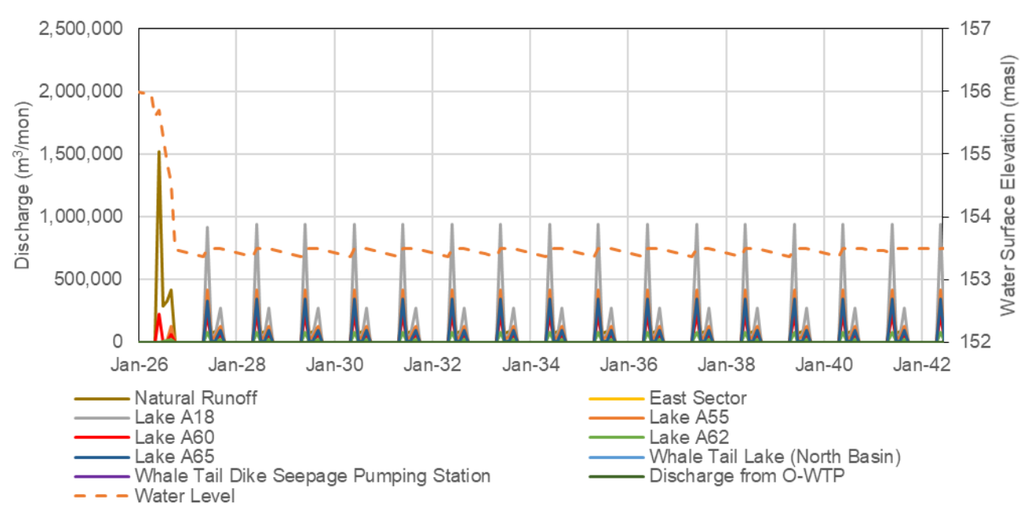


**Figure 96: Inflows to Whale Tail Lake (South Basin) (Closure)**

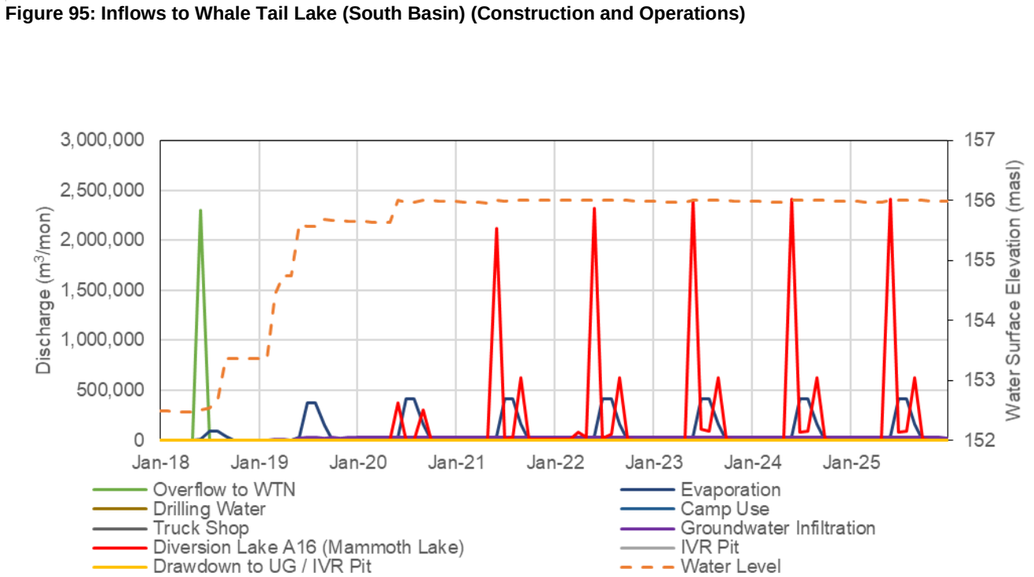


**Figure 97: Outflows from Whale Tail Lake (South Basin) (Construction and Operations)**

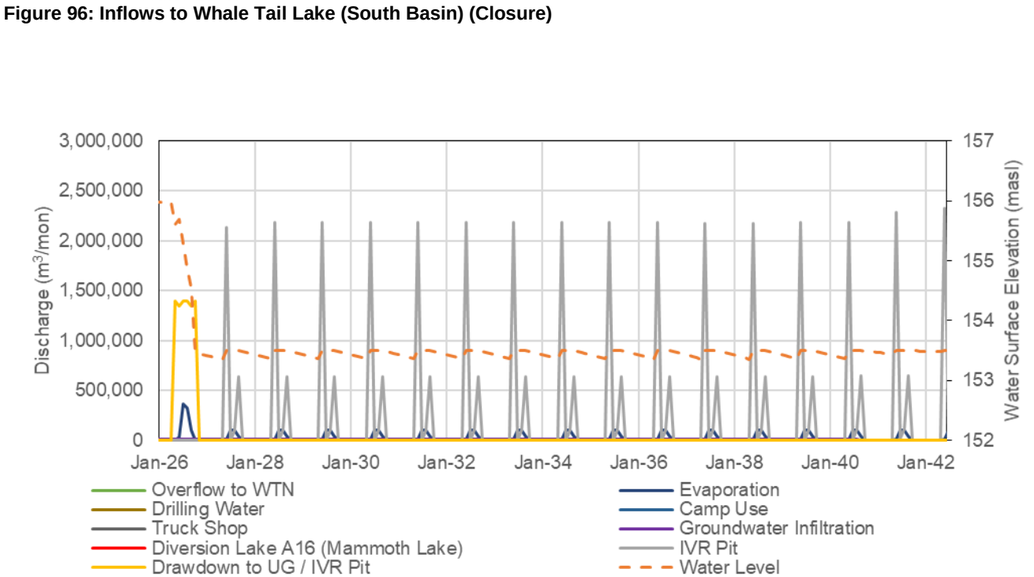


**Figure 98: Outflows from Whale Tail Lake (South Basin) (Closure)**

### 5.13.3 Changes from the FEIS Addendum

The most significant changes to inflows to Whale Tail Lake (South Basin) are caused by the following:

- The updated drainage area delineation results in a 0.3% larger local drainage area during operations (28.8 km$^2$ vs 28.7 km$^2$ previously).
- Impact of all changes in the previously described drainage areas that eventually report to Whale Tail Lake (South Basin) via the treatment plants.

The change in inflow during operations prior to 2025 is approximately 2% smaller than previously reported (35,335,650 m$^3$ vs. 36,207,500 m$^3$ previously). During closure, the impact of site drainage areas is no longer a consideration. By 2042, the difference reduces to under 1% (92,849,350 m$^3$ vs. 93,452,650 m$^3$) (Figure 99).

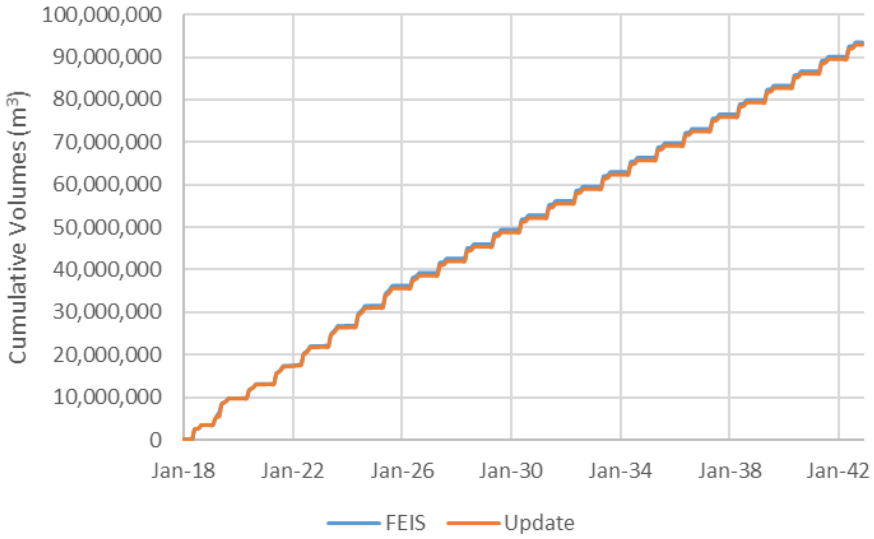


**Figure 99: Comparison of Cumulative Inflows to Whale Tail Lake (South Basin) under the FEIS Addendum and the Current Water Balances**

## 5.14 Water Treatment Plants: Treatment Requirement Summary

This section summarizes water treatment requirements identified in previous sections. All water treatment plant designs (type of treatment units, water treatment capacity and flow rate, treated water quality and sludge/brine characteristics) are provided by Agnico Eagle (2018b).

Inflows and outflows are summarized in Table 33, and presented in tabular form in Appendix F.

**Table 33: Water Balance Flow Components (Water Treatment Plants)**

| Figure | Flow Component | Flow Type | Start | End | Note / Comment |
|---|---|---|---|---|---|
| O-WTP for TSS removal (non-contact water) | | | | | |
| ■ Figure 100 (Inflows)<br>■ Figure 104 (Outflows) | ■ Drawdown from Whale Tail Lake (North Basin) | ■ Pump / pipeline | ■ April 2019 | ■ May 2019 | ■ Drawdown of last third of the volume (34% or approximately 1,100,000 $m^3$) of Whale Tail Lake (North Basin) via the O-WTP. The first two-thirds of the volume is presumed free of suspended solids and is discharged directly to Whale Tail Lake South Basin. |
| O-WTP for TSS and arsenic removal | | | | | |
| ■ Figure 101 (Inflows)<br>■ Figure 104 (Outflows) | ■ Discharge from Quarry 1 | ■ Pump / pipeline | ■ June 2019 | ■ June 2019 | ■ Drawdown of Quarry 1 to Lake A16 (Mammoth Lake) via the O- WTP once available in March 2019.<br>■ Drawdown volume is expected to be approximately 237,250 $m^3$. |
| | ■ Discharge from the Whale Tail Attenuation Pond | ■ Pump / pipeline | ■ 2019 | ■ 2022 | ■ Discharge of collected water to Lake A16 (Mammoth Lake) until May 2021 and to Whale Tail Lake (South Basin) from June 2021 until May 2022 via the O-WTP during open water conditions.<br>■ Total treated volume is expected to be approximately 2,573,500 $m^3$. |
| | ■ Discharge from GSP-1 | ■ Pump / pipeline | ■ Jun 2020 | ■ Jun 2020 | ■ Drawdown of GSP-1 to Lake A16 (Mammoth Lake) via the O- WTP in June 2020.<br>■ Drawdown volume is expected to be approximately 237,700 $m^3$<br>■ Intended to prevent untreated overflow of GSP-1 to the receiving environment and dilution of high salinity waters. |
| | ■ Drawdown from Lake A53 | ■ Pump / pipeline | ■ May 2022 | ■ May 2022 | ■ Drawdown of last third of the volume (34% or approximately 51,600 $m^3$) of Lake A53 to Whale Tail Lake (South Basin) prior to operations of the IVR Attenuation Pond in May 2022. This water is expected to require TSS control only but is run through the O-WTP as well. The first two-thirds of the volume is presumed free of suspended solids and is discharged directly to Lake A16 (Mammoth Lake). |
| | ■ Runoff diversion from the Northeast Sector | ■ Pump / pipeline | ■ 2019 | ■ July 2020 | ■ Runoff diversion to Lake A16 (Mammoth Lake) once the Whale Tail Dike is operational and until the IVR Pit is initiated. This water is expected to require TSS control only but is run through the O-WTP as well. |
| | ■ Diversion from the IVR Attenuation Pond | ■ Pump / pipeline | ■ 2022 | ■ Closure | ■ Diversion to Whale Tail Lake (South Basin) during open water seasons via the O-WTP. |
| S-WTP (brine) Unit | | | | | |
| ■ Figure 102 (Inflows)<br>■ Figure 104 (Outflows) | ■ Discharge from GSP-1 | ■ Pump / pipeline | ■ 2022 | ■ Closure | ■ Treatment at a rate of 60 $m^3$/day in 2022.<br>■ Treatment at a rate of 90 $m^3$/day from 2023 to closure.<br>■ Treated water (permeate) is discharged to Whale Tail Lake (South Basin). |
| S-WTP (brackish) Unit | | | | | |
| ■ Figure 103<br>■ (Inflows)<br>■ Figure 104 (Outflows) | ■ Discharge from the Whale Tail Attenuation Pond | ■ Pump / pipeline | ■ Winter 2020 - 2021 | ■ Winter 2021 - 2022 | ■ Diversion of collected water to Lake A16 (Mammoth Lake) via the S-WTP (brackish) during winter only from October 2020 (i.e., when the treatment unit becomes operational) to April 2022 (i.e., when treatment is required for low salinity water from the Underground Mine).<br>■ Treatment at a maximum rate of 1,000 $m^3$ per day.<br>■ Resulting brine concentrate reject (assumed to be 15% of the treated volume) is conveyed to GSP-1.<br>■ Resulting permeate (assumed to be 85% of the treated volume) is conveyed to Lake A16 (Mammoth Lake) from October 2020 to May 2021 and to Whale Tail Lake (South Basin) from October 2021 to April 2022. |
| | ■ Diversion from GSP-2 | ■ Pump / pipeline | ■ 2022 | ■ Closure | ■ Treatment at a maximum rate of 1,000 $m^3$ per day.<br>■ Resulting brine (assumed to be 15% of the treated volume) is conveyed to GSP-1.<br>■ Resulting permeate (assumed to be 85% of the treated volume) is discharged to Whale Tail Lake (South Basin). |

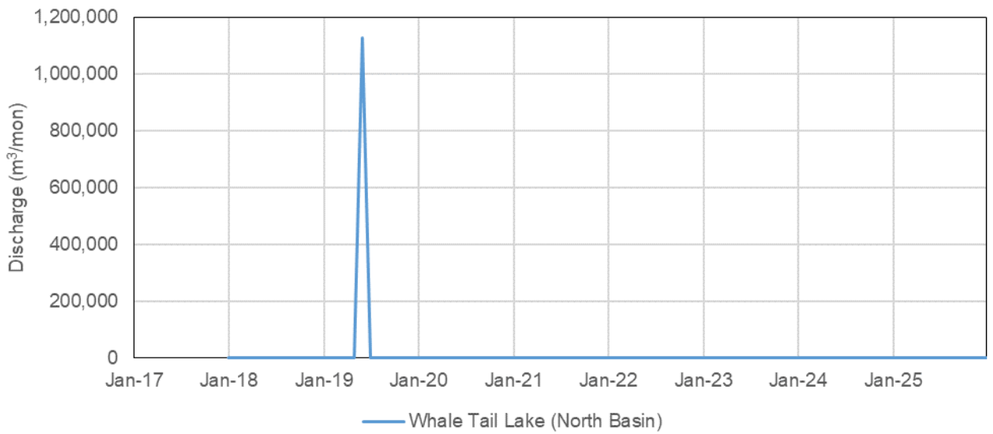


**Figure 100: Non-Contact Water flows to the O-WTP (Construction and Operations)**

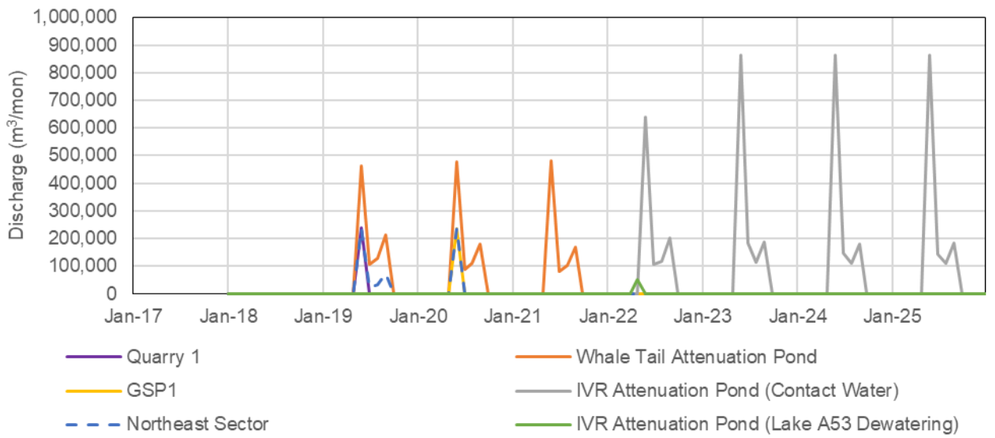


**Figure 101: Contact Water Inflows to the O-WTP (Construction and Operations)**

**Figure 102: Inflows to the S-WTP (brine) Unit (Construction and Operations)**

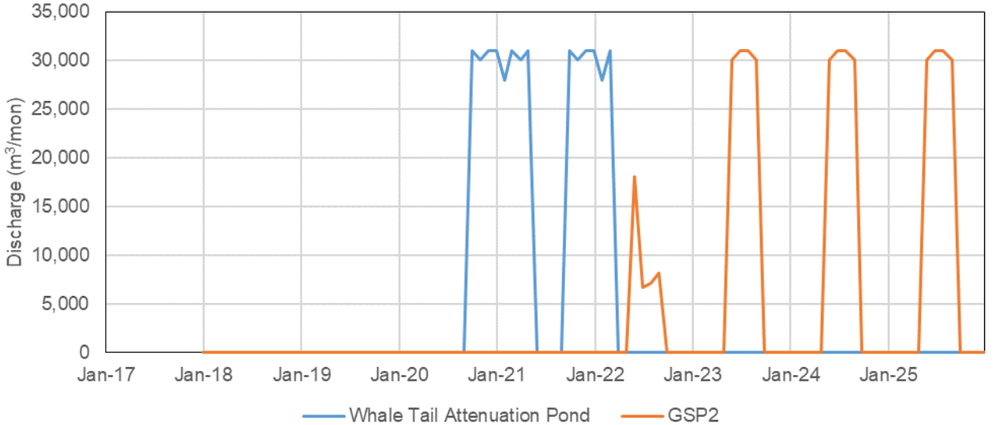


**Figure 103: Inflows to the S-WTP (brackish) Unit (Construction and Operations)**

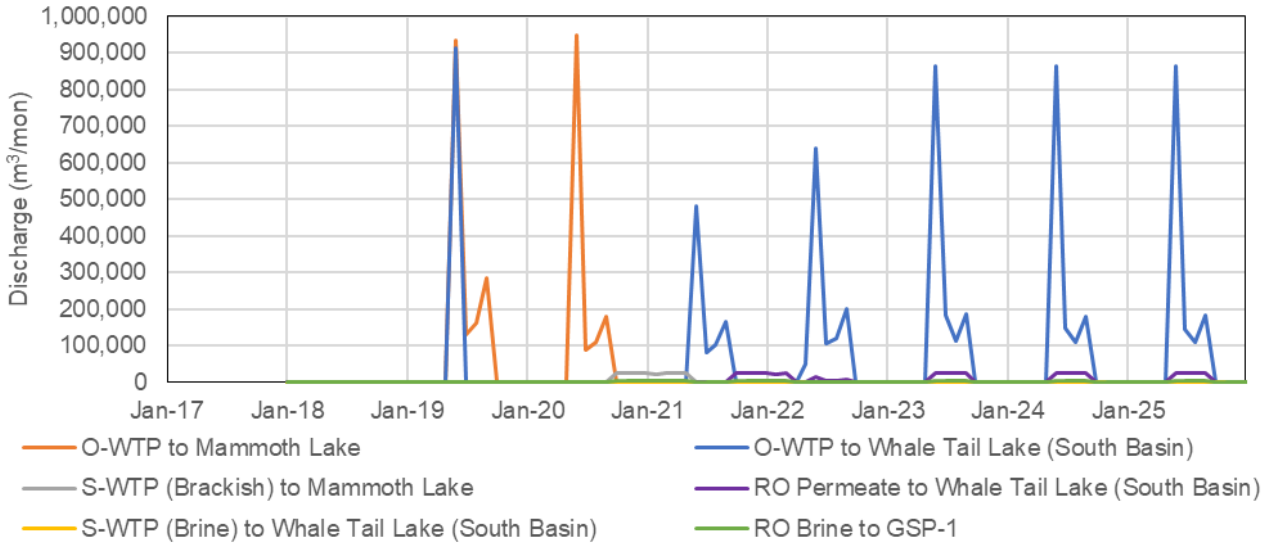


**Figure 104: Outflows from the Water Treatment Plants**

### 5.14.1 Changes from the FEIS Addendum

Changes to the treatment are an accumulation of all the upstream updates described above. The flows through the Project's treatment streams are summarized below, relative to the flows considered in the FEIS Addendum:

- O-WTP for TSS removal (non-contact water): Due to the change in the dewatering schedule (Section 4.0), there is a slight change in the fraction of the dewatering from the Whale Tail Lake (North Basin) that is sent to the O-WTP for TSS removal. The updated treated volume is 2% lower (1,128,350 $m^3$ vs. 1,150,300 $m^3$ previously).
- O-WTP for TSS and arsenic removal: Overall, there is less contact water pumped to the attenuation ponds that collect the surface water requiring treatment (primarily due to the reduction in runoff from the WRSFs – see Sections 5.5.3 and 5.12.3 for further details). As a result, there is a 5% reduction in contact water pumped to the O-WTP during operations (8,750,300 $m^3$ vs. 9,241,350 $m^3$ previously).
- S-WTP (brine) Unit: Flows to the S-WTP (brine) unit are pumped at a constant rate, which was not changed in this update. There is therefore no change in the flows from this unit.
- S-WTP (brackish) Unit: In addition to water from the underground, the S-WTP (brackish) treats runoff from the Whale Tail Attenuation Pond during the winters of 2021 and 2022. During this time, there is a 6% increase in the runoff pumped from the pond due to the increased camp flows described in Section 4.0. Flows from the Underground Mine are treated at a constant rate, which has not changed in this update. The overall inflow to the S-WTP (brackish) over operations is 831,000 $m^3$ (compared to 824,300 $m^3$ previously).

Overall, these updates result in a net 4% decrease in treatment (10,927,850 $m^3$ vs. 11,434,250 $m^3$ previously) over the operations period (Figure 105).

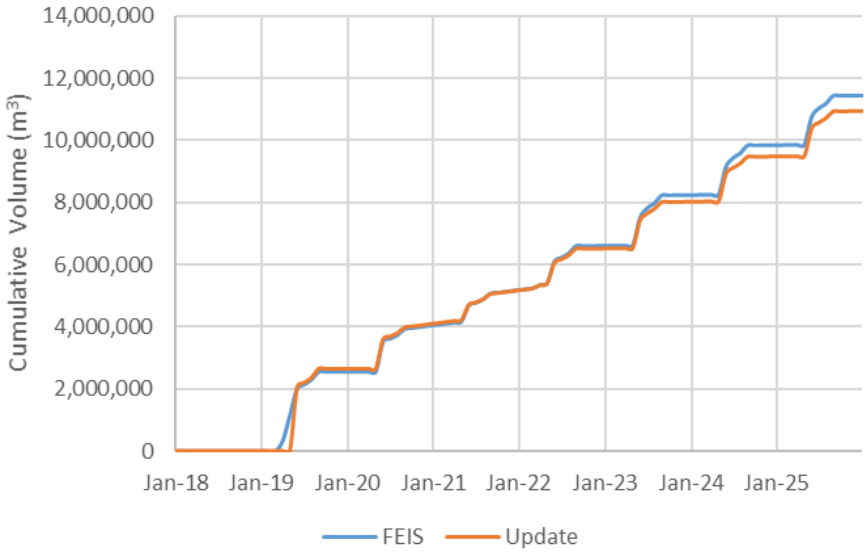


**Figure 105: Comparison of Cumulative Inflows to Treatment under the FEIS Addendum and the Current Water Balances**

## 5.15 Closure: Flooding of Open Pits, Underground Mine and Refilling of Whale Tail Lake (North Basin)

Mine closure is initiated after cessation of mining activities, in January 2026 until Whale Tail Lake (North Basin) reaches a water surface elevation of 153.5 masl (i.e., 1 metre over the baseline elevation). The water management plan for the closure period is presented conceptually in Figure 106.

The refilling duration of Whale Tail Lake (North Basin) was estimated using the mean annual water balance based on the following assumptions:

- The Whale Tail Pit, IVR Pit, and Underground Mine are not hydraulically connected below the surface during the refilling period.
- Refilling of mining development is prioritized as follows:
  - Underground Mine;
  - IVR Pit; and,
  - Whale Tail Pit.
- The Underground Mine is refilled by local catchment runoff, drawdown of GSPs 1 and 2, IVR Attenuation Pond and partial drawdown of Whale Tail Lake (South Basin) to complete its flooding.
- The IVR Pit is refilled by local catchment runoff, runoff collected in the Whale Tail WRSF Contact Water Collection System, partial drawdown of Whale Tail Lake (South Basin), and diversion of runoff from Whale Tail Lake (South Basin) to maintain its closure water surface elevation (i.e., 153.5 masl).
- The Whale Tail Pit is refilled by local catchment runoff, runoff from the IVR WRSF Contact Water Management System, and overflow of the Whale Tail Attenuation Pond and of the IVR Pit. Once Whale Tail Pit is refilled, the water surface elevation increases until Whale Tail Lake (North Basin) reaches the water surface elevation of 153.5 masl.

Using this approach, refilling of Whale Tail Lake (North Basin) to 153.5 masl was estimated to occur from 2026 to 2042 (Figure 107) as follows:

- refilling of the Underground Mine expected to be completed in early 2026;
- refilling of the IVR Pit to 149.3 masl (i.e., the spill elevation of the IVR Pit onto the bed of Whale Tail Lake [North Basin]) expected in 2027;
- refilling of the Whale Tail Attenuation Pond and pit areas to the water surface elevation of 153.5 masl expected in 2042.
- Reconnection of the South Basin and North Basin will occur once water quality objectives are met within the flooded pit lake, currently predicted to occur in 2042 (Golder 2019a). However, this timeline will be updated via water quality modelling and operations management with the aim of matching the timing of end of flooding with meeting of water quality goals.

During this period, the total catchment area of Lake A16 (Mammoth Lake) will be reduced by 77% from 38.7 $km^2$ to 9.0 $km^2$, resulting in a proportional decrease in flows.

Elevation-storage-area relationships used for this estimate are provided in Appendices C and D.

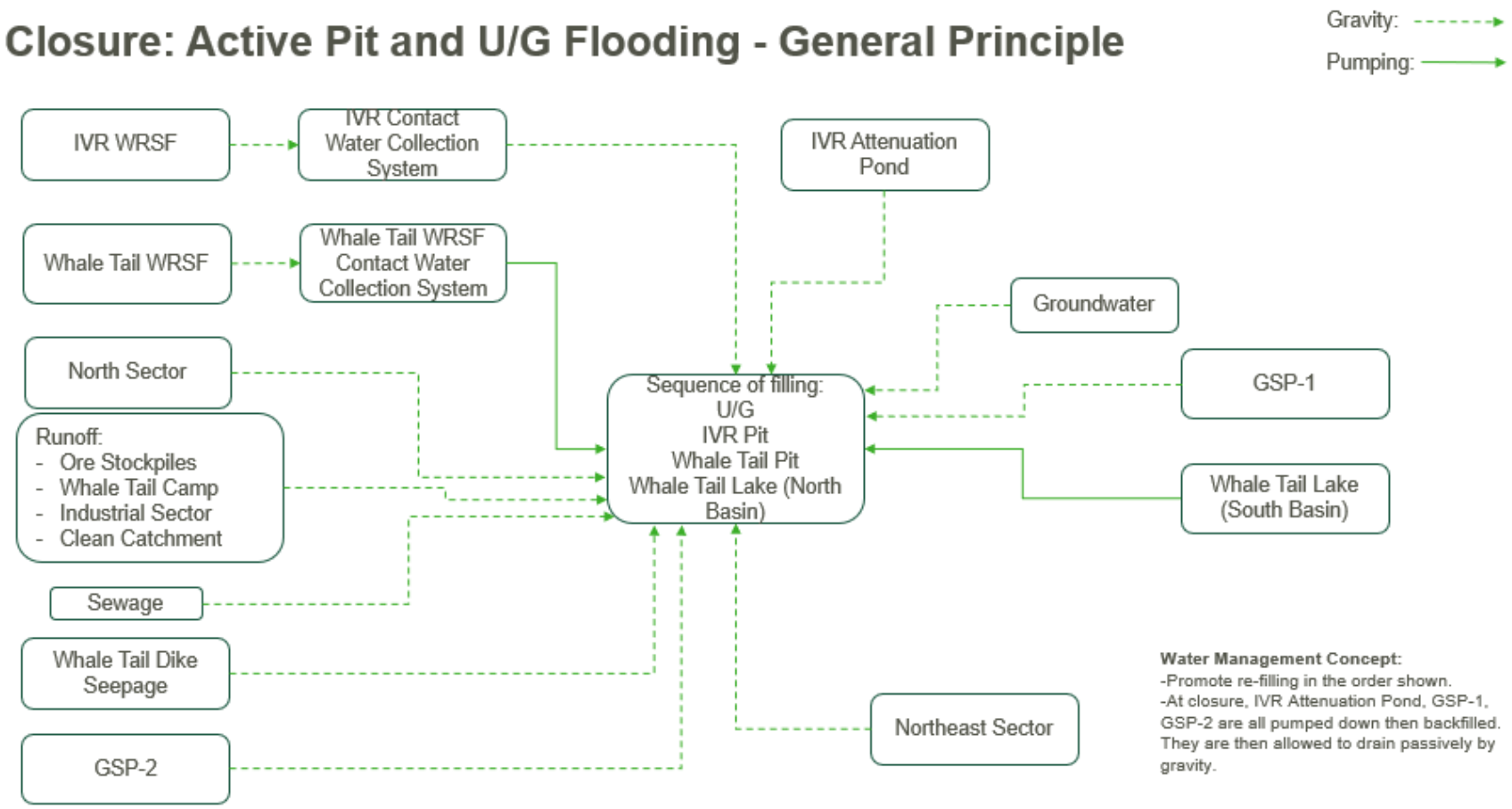


**Figure 106: Mine Closure Period Flow Diagram – General Principle**

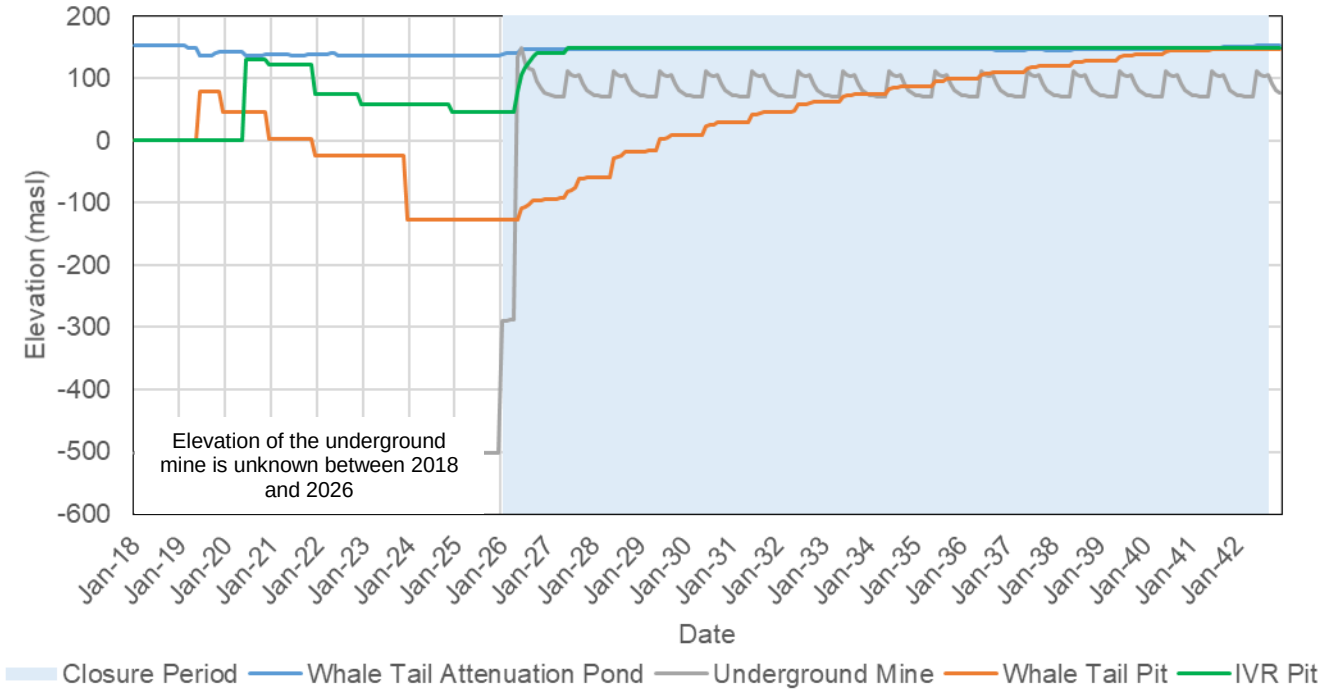


**Figure 107: Refilling of Whale Tail Lake (North Basin) and Underground Mine**

## 5.16 Post-Closure: Re-Establishment of Natural Drainage Patterns

Following refilling of Whale Tail Lake (North Basin) to 153.5 masl (i.e., to overtop the Mammoth Lake sill), and once the pit lake water quality is acceptable (full flooding predicted to occur in 2042; adequate water quality in 2042; Golder 2019a), the Whale Tail Dike, Mammoth Dike, and the Whale Tail WRSF Dike are decommissioned. Whale Tail Lake (North Basin) and Whale Tail Lake (South Basin) form Whale Tail Lake with a water surface area of 2.34 km$^2$, or a 41% increase from baseline, which flows to Lake A16 (Mammoth Lake) over the Mammoth Lake Dike via spillway. Runoff from the Whale Tail WRSF Contact Water Collection System area flows to Lake A16 (Mammoth Lake).

The reflooding strategy will be adapted during closure based on future water quality predictions validated with site monitoring data. The objective will be for pit lake water to meet quality objectives concurrently with completed reflooding such that lake reconnection can happen as soon as possible after thereafter.

The configuration of Whale Tail Lake at Post-Closure, along with permanent drainage pathways, is shown in Figure 108. Water balance components are presented in Section 5.8 (Whale Tail Lake) and in Section 5.5 (Whale Tail WRSF Contact Water Collection System area).

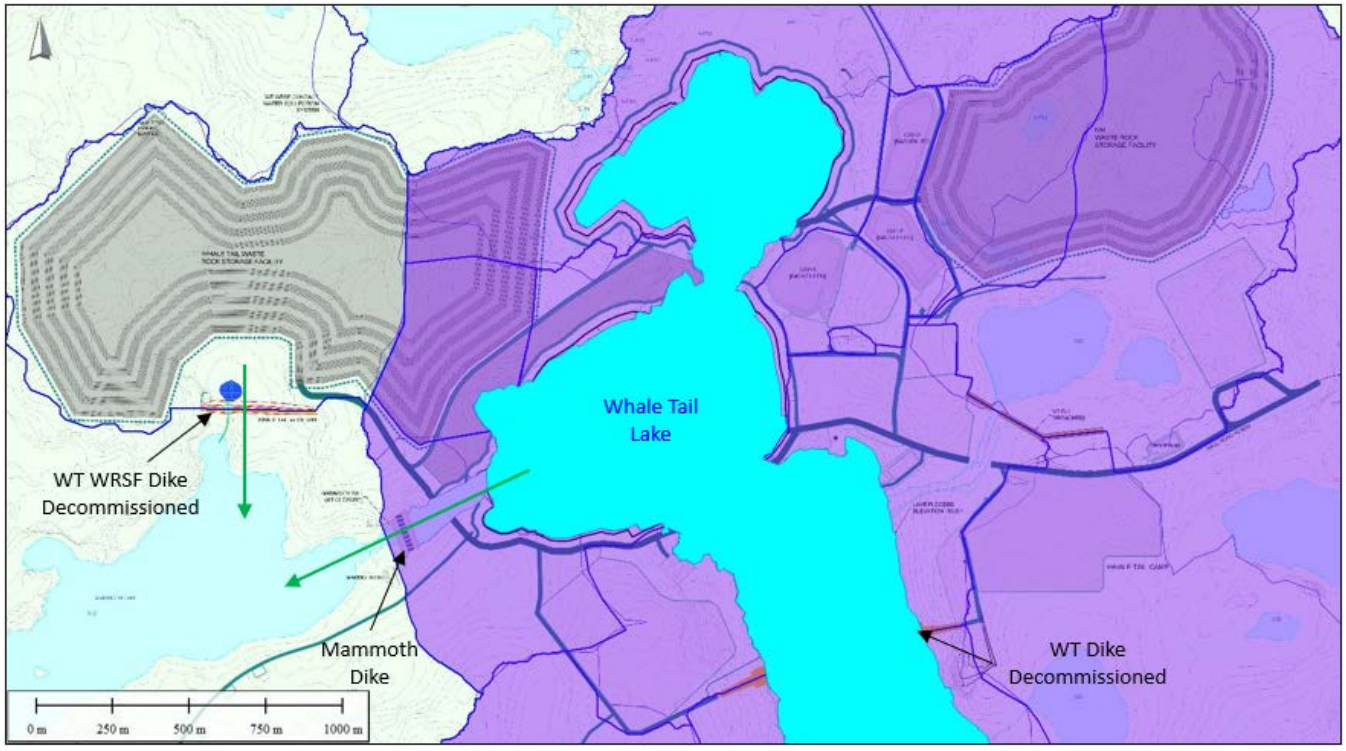


**Figure 108: Post-Closure**

# 6.0 RISKS AND OPPORTUNITIES

Based on the results of the water balance presented herein, risks and opportunities are listed as follows:

- Dry/Wet Precipitation Years: This water balance was based on mean annual precipitation. Runoff is therefore expected to vary from mean annual conditions under dry or wet annual conditions. These variations can affect filling and drawdown durations, as well as monthly runoff volumes managed on site. While short-term extreme events were not considered as part of the scope of the water balance, the site water management infrastructure will be designed based on guidelines provided in the Canadian Dam Association (CDA) Dam Safety Guidelines.
- Adaptive Water Management. Although this report presented potential adaptive water management in the form of GSP-3 (Section 5.2.3), the potential for contingencies may take several forms. Relevant examples for the Project include:
  - GSP-2. The water balance presented here assumes GSP-2 is online by 2022 in order to manage brackish water from the Underground Mine. However, this pond can potentially be constructed sooner if needed.
  - GSP-3. As previously described, based on the results of the water balance presented in this report, GSP-3 is not required. However, it can still be considered for contingency purposes. GSP-3 is a potential source of flexibility in site water management and treatment and is an adaptive management opportunity. As site water management optimization progresses, the use of this pond may be further considered. This pond could be used as either a surface or underground water storage pond depending on the water management needs of the project.
  - IVR Attenuation Pond. Another potential source for increased water storage capacity on site is the IVR Attenuation Pond. There is the potential to increase the design dike elevation to increase water storage capacity.
  - Underground Mine Storage. If surface storage of underground water is not available or insufficient, temporary use of the Underground Mine is a possibility. Partial flooding of the Underground Mine could provide time to review surface water containment and/or water treatment options.
- Conservative Groundwater Inflows: Groundwater inflows considered herein comprise a substantial proportion of total inflows. These inflows were based on the “EA Case” and are conservative by design (Golder 2019b). Thus, actual groundwater inflows may be less than those considered herein. The Base Case, described in Section 3.5, represents the best estimate of groundwater inflows based on measured data to date. Using the Base Case values would result in approximately 15% inflow reduction to the Underground Mine during operations than compared with the EA Case results presented in this report.
- Water Content in Waste Rock from the Pits: Losses from the pits due to the water content in waste rock were not considered. This results in a conservative water balance as it increases the volume of water in the pit that must ultimately be treated and discharged.

# 7.0 STUDY LIMITATIONS

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## 8.0 CLOSURE

This report presents methods and results of the Project's updated mean annual water balance with a focus on the construction, operation, and closure phases of the Expansion Project to provide input to the Project's design, water management plan, and environmental impact assessments. It is limited to catchments of the Project footprint and does not address the receiving environment within and downstream of the effluent discharge point. Where relevant, the report demonstrates the impacts of revisions since the FEIS Addendum.

Please do not hesitate to contact the undersigned should you have any questions or comments.

**Golder Associates Ltd.**

REGISTERED PROFESSIONAL ENGINEER
J.C. LACRAMPE
LICENSEE
NT/NU
10 MAY 2019

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David Brown
*Principal, Project Director*

AC/JL/VJBNS/sg
https://golderassociates.sharepoint.com/sites/102627/technical work/04_waterbalance-waterquality/04_reporting/water balance/rev1/18108905-294-rpt_2019waterbalance-rev1.docx

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Signature
Date 10 May 2019
PERMIT NUMBER: P 049
NT/NU Association of Professional Engineers and Geoscientists

# 9.0 REFERENCES

Agnico Eagle (Agnico Eagle Mines Limited). 2016a. Meadowbank Mine – Amendment/Reconsideration of the Project Certificate (No. 004/ File No. 03MN107) and Amendment to the Type A Water Licence (No. 2AM-MEA1525).

Agnico Eagle. 2016b. Meadowbank Mine – Amendment/Reconsideration of the Project Certificate (No. 004/ File No. 03MN107) and Amendment to the Type A Water Licence (No. 2AM-MEA1525). Volume 8, Appendix 8-B.2. Submitted to the Nunavut Impact Review Board, June 30, 2016.

Agnico Eagle. 2016c. Meadowbank Mine – Amendment/Reconsideration of the Project Certificate (No. 004/ File No. 03MN107) and Amendment to the Type A Water Licence (No. 2AM-MEA1525). Volume 6, Appendix 6-C. Submitted to the Nunavut Impact Review Board, June 30, 2016.

Agnico Eagle. 2018a. Meadowbank Mine – Addendum to Project Certificate (No. 008/ File No. 16MN056) and Addendum to the Type A Water Licence (No. 2AM-WTP1826) – Phase 2. Reference to be updated when available. Golder (Golder Associates Ltd.). 2016. Hydrogeology Baseline Report – Whale Tail Project. Submitted as Volume 6, Appendix 6-A to Final Environmental Impact Statement. June 2016.

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Golder (Golder Associates Ltd.). 2018. Water Balance Expansion Project- Mean Annual Water Balance. 1789310_204_RPT_REV1. November 2018.

Golder. 2019a. Mine Site and Downstream Receiving Water Quality Predictions Whale Tail Pit – Expansion Project. 18108905-308-RPT-Rev0. May 2019.

Golder. 2019b. Updated Hydrogeological Assessment, Whale Tail Pit, Expansion Project. 18108905-291-TM-Rev0. 6 May 2019.

SNC Lavalin. 2019. Mine Layout Watersheds During Operations – Phase II. Figure 1-2. January 16, 2019.

**APPENDIX A**

# Conceptual Flow Diagrams

# Whale Tail Pit – Expansion Project
# Water Management Flow Charts – March, 2019

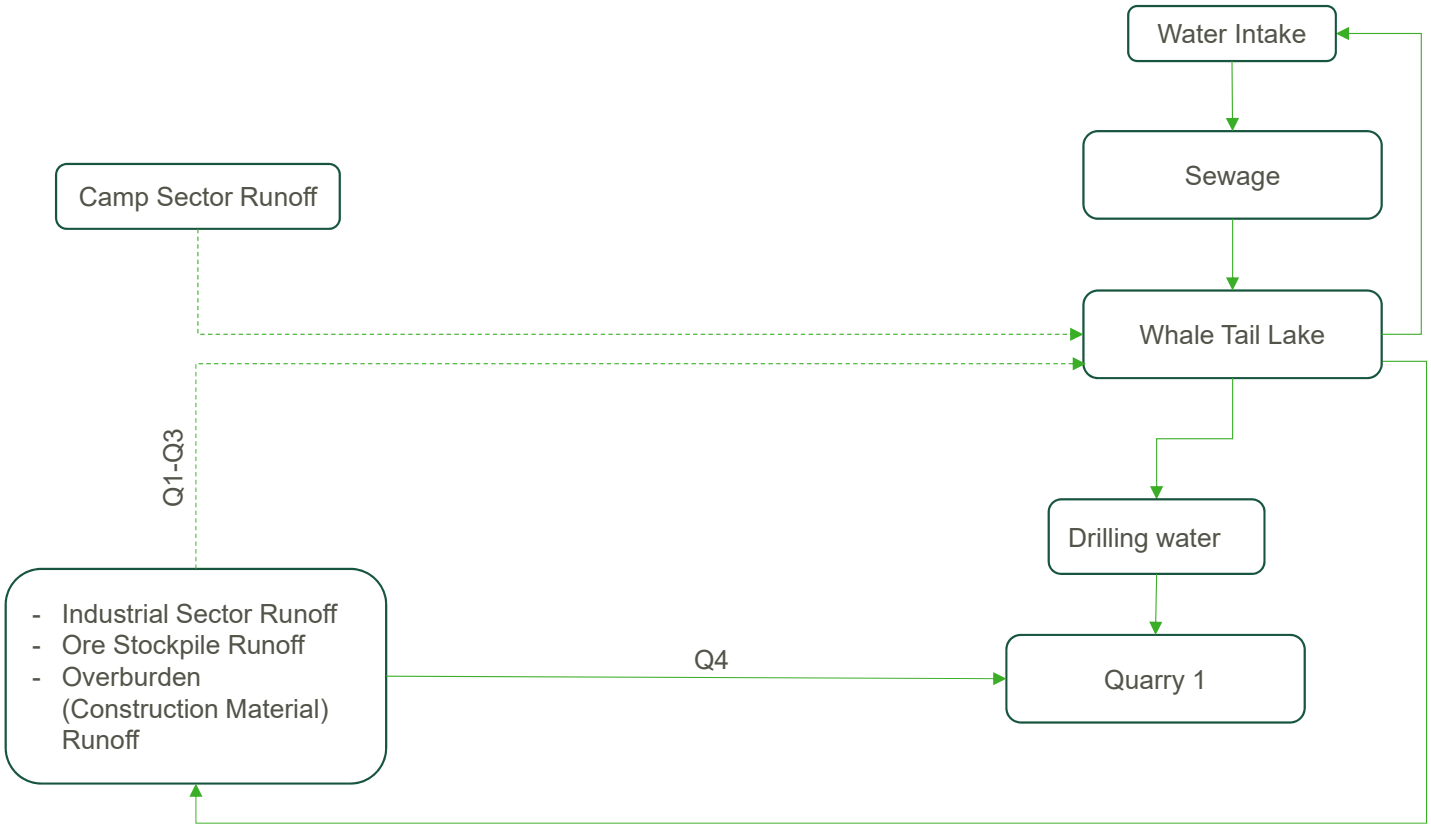
GOLDER

# Surface Water Flow Charts

# 2017 (Pre-Construction)

Gravity: ----------→

Pumping: ——————→



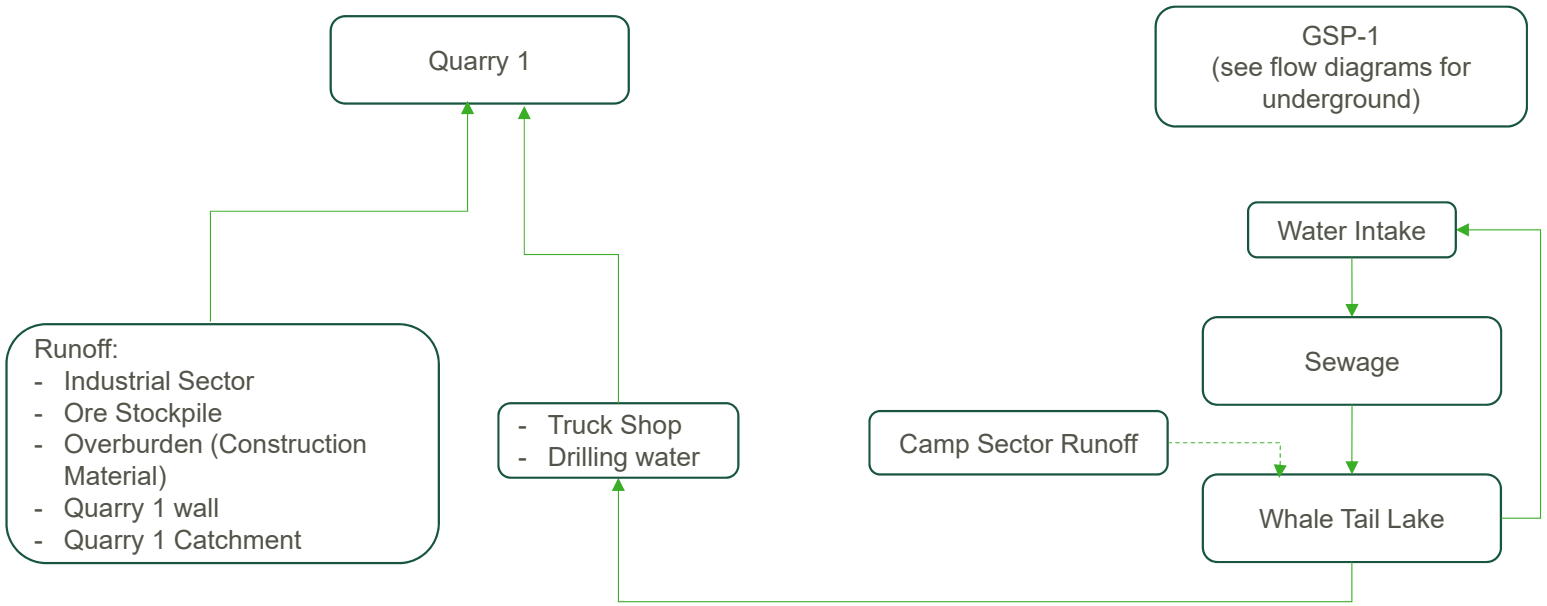

**Water Management Concept:**
-Contact water is managed through Quarry 1 once initiated.
-Whale Tail Lake is the source of fresh water.

# Q1-Q2 2018 (Until Quarry 1 is mined out and Licence A is received)

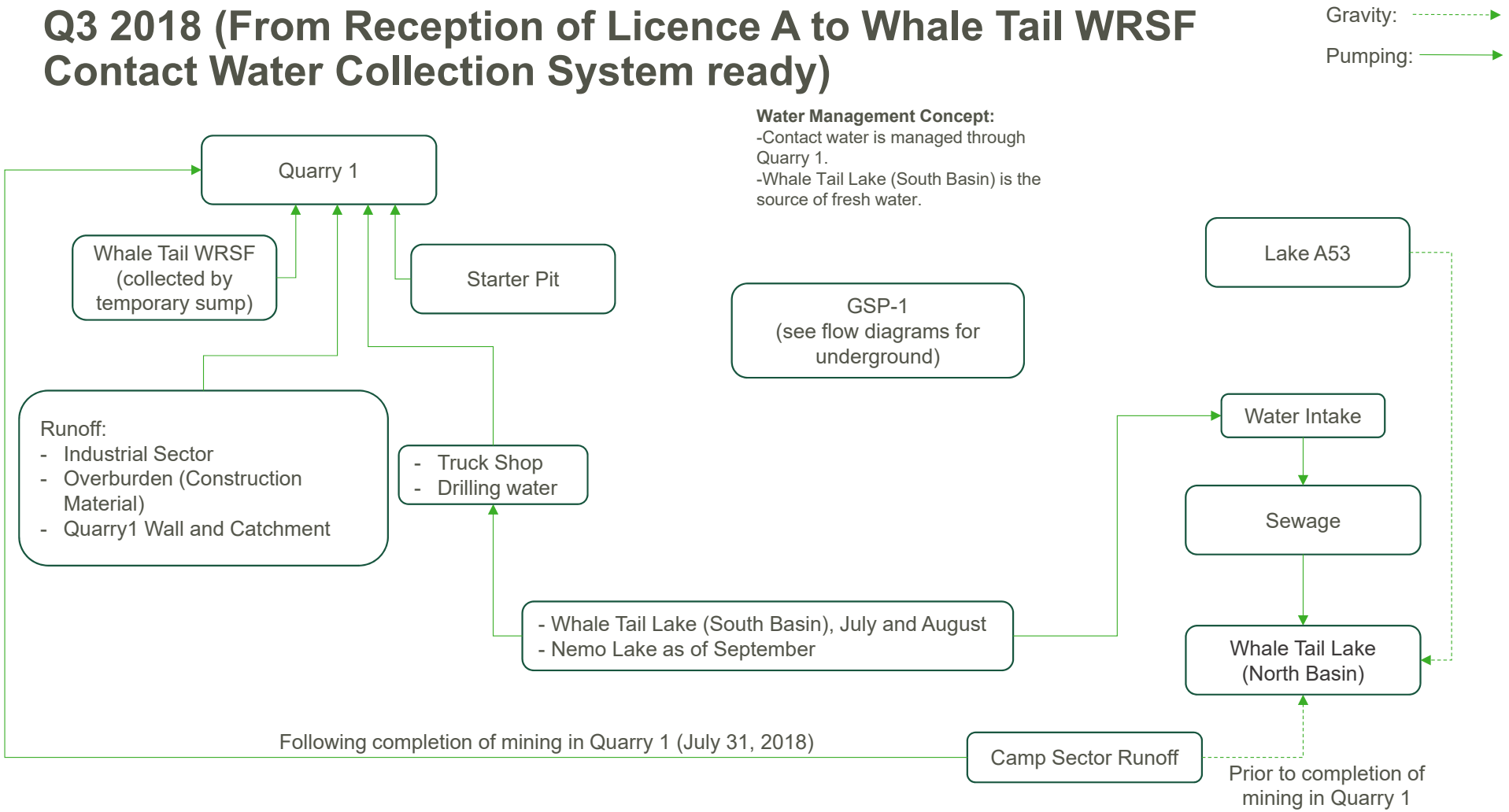
Gravity: ⇢

Pumping: →

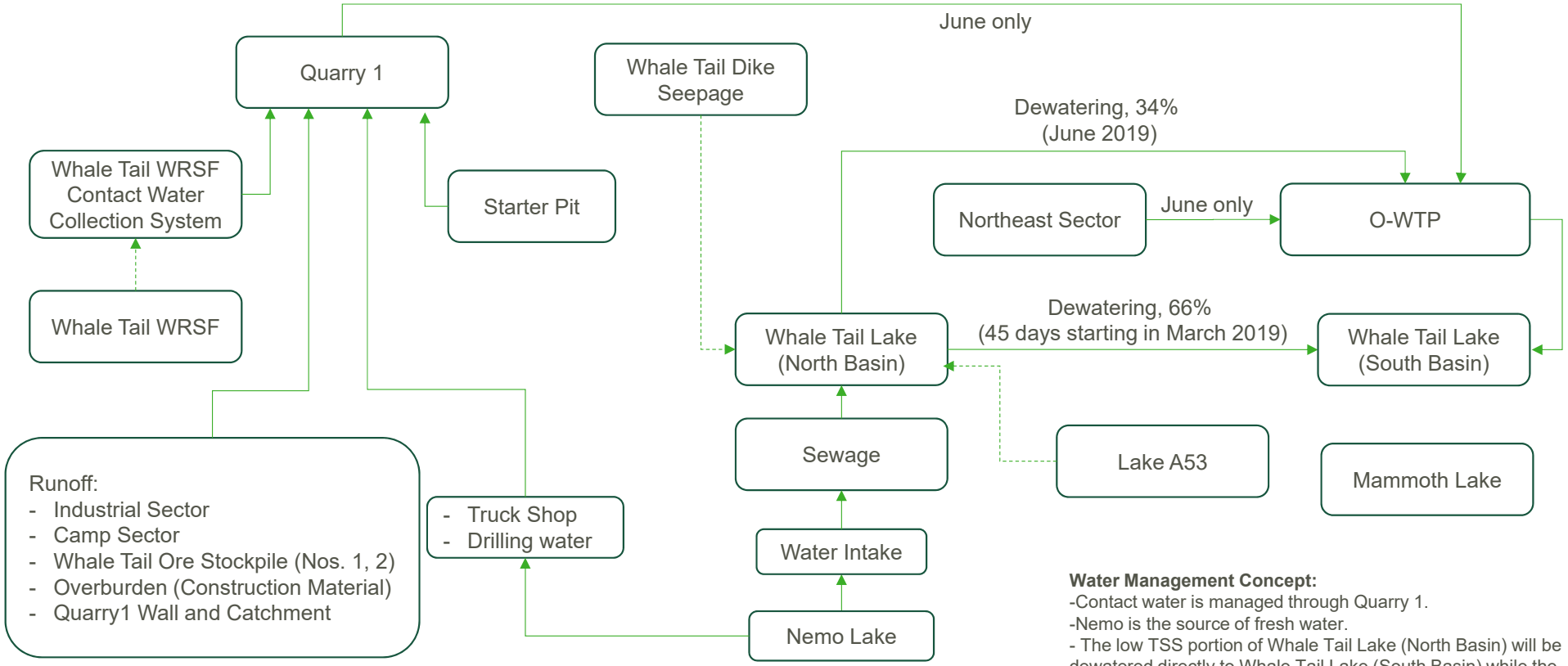
**Water Management Concept:**
-Contact water is managed through Quarry 1.
-Whale Tail Lake is the source of fresh water.



# Q3 2018 (From Reception of Licence A to Whale Tail WRSF Contact Water Collection System ready)

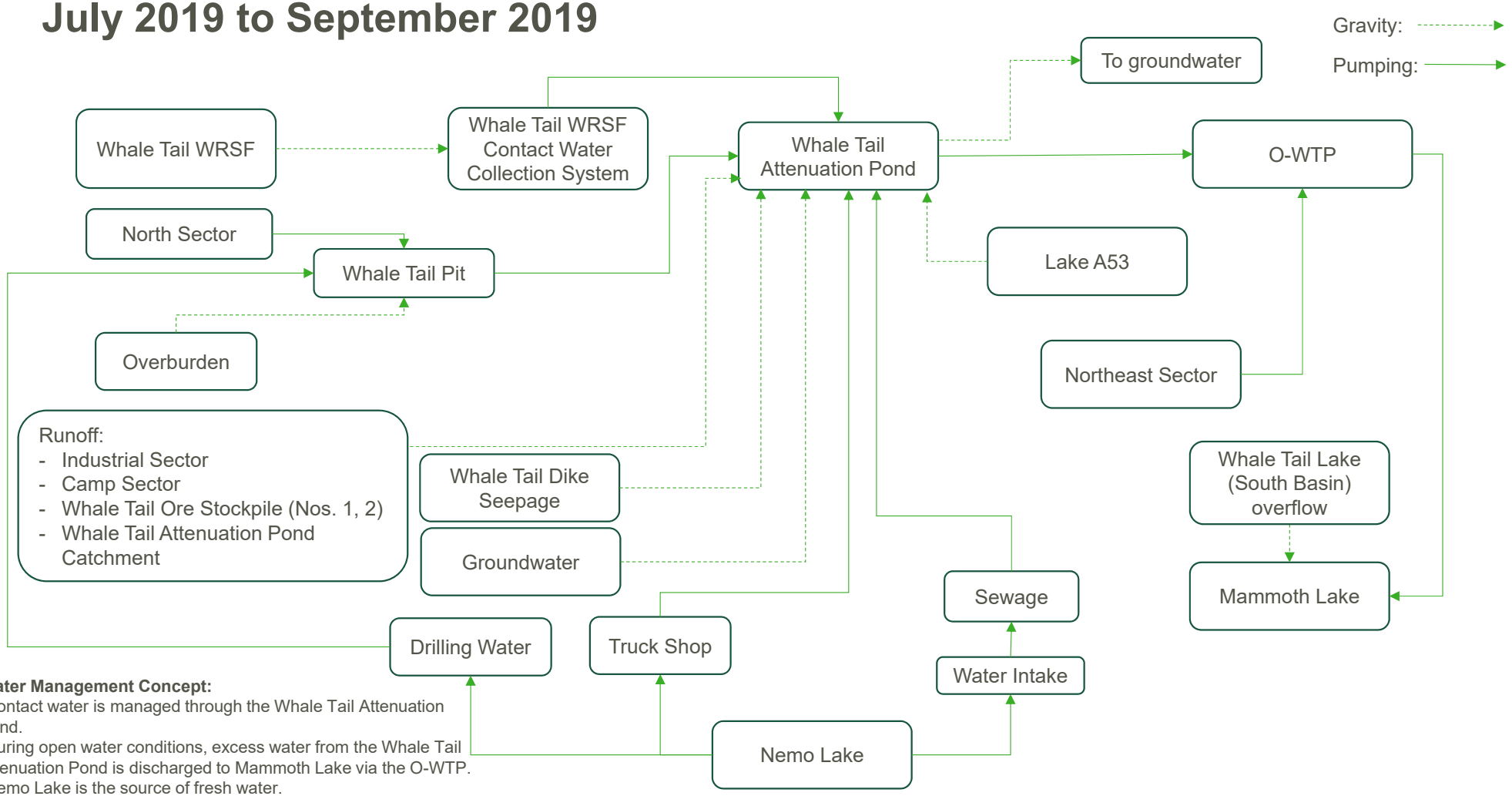


# Q4 2018 (Whale Tail WRSF Contact Water Collection System ready) to June 2019 (Whale Tail North Dewatered)



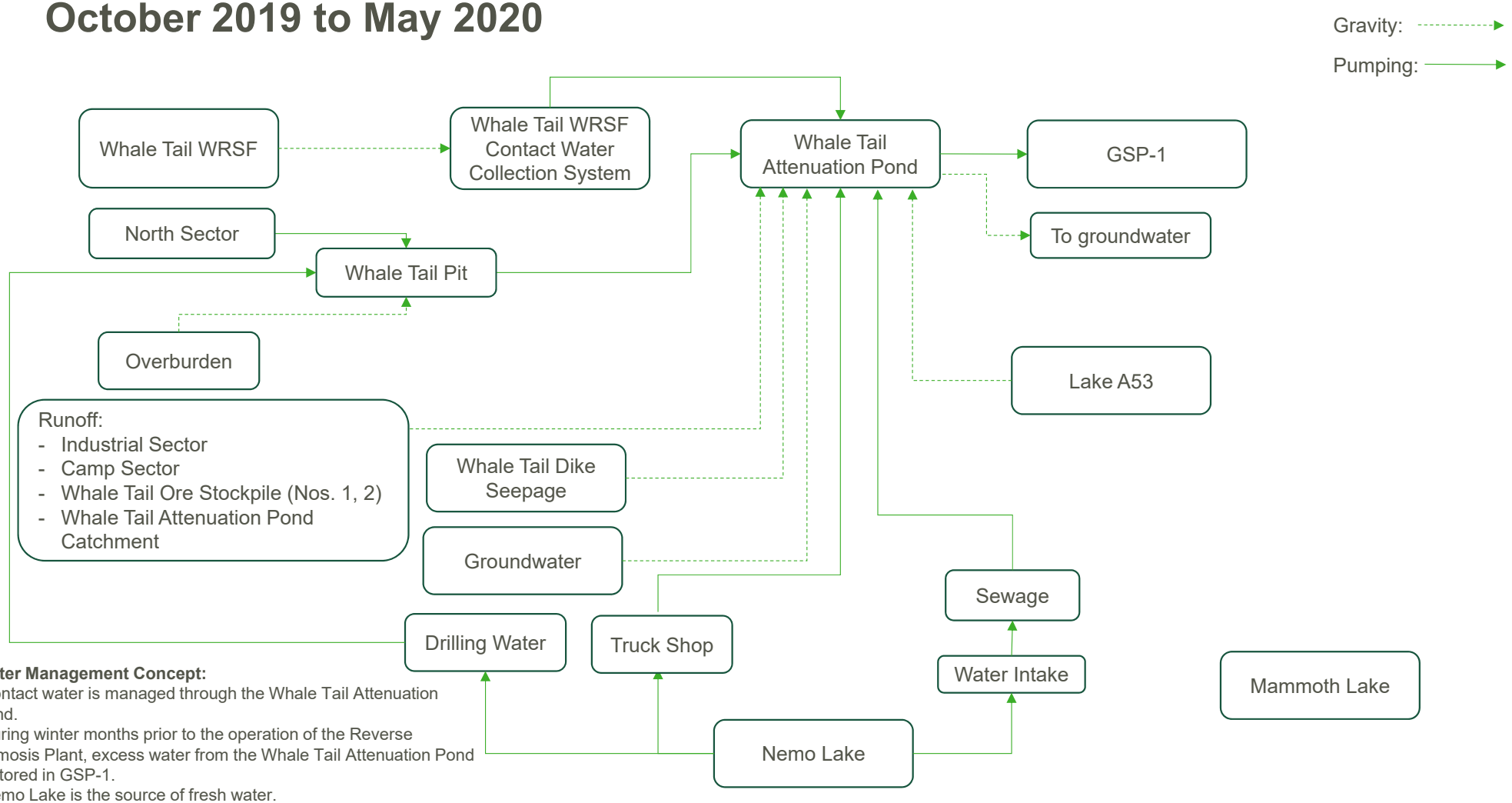

**Water Management Concept:**
-Contact water is managed through Quarry 1.
-Nemo is the source of fresh water.
- The low TSS portion of Whale Tail Lake (North Basin) will be dewatered directly to Whale Tail Lake (South Basin) while the remainder will be discharged through the O-WTP.

# July 2019 to September 2019



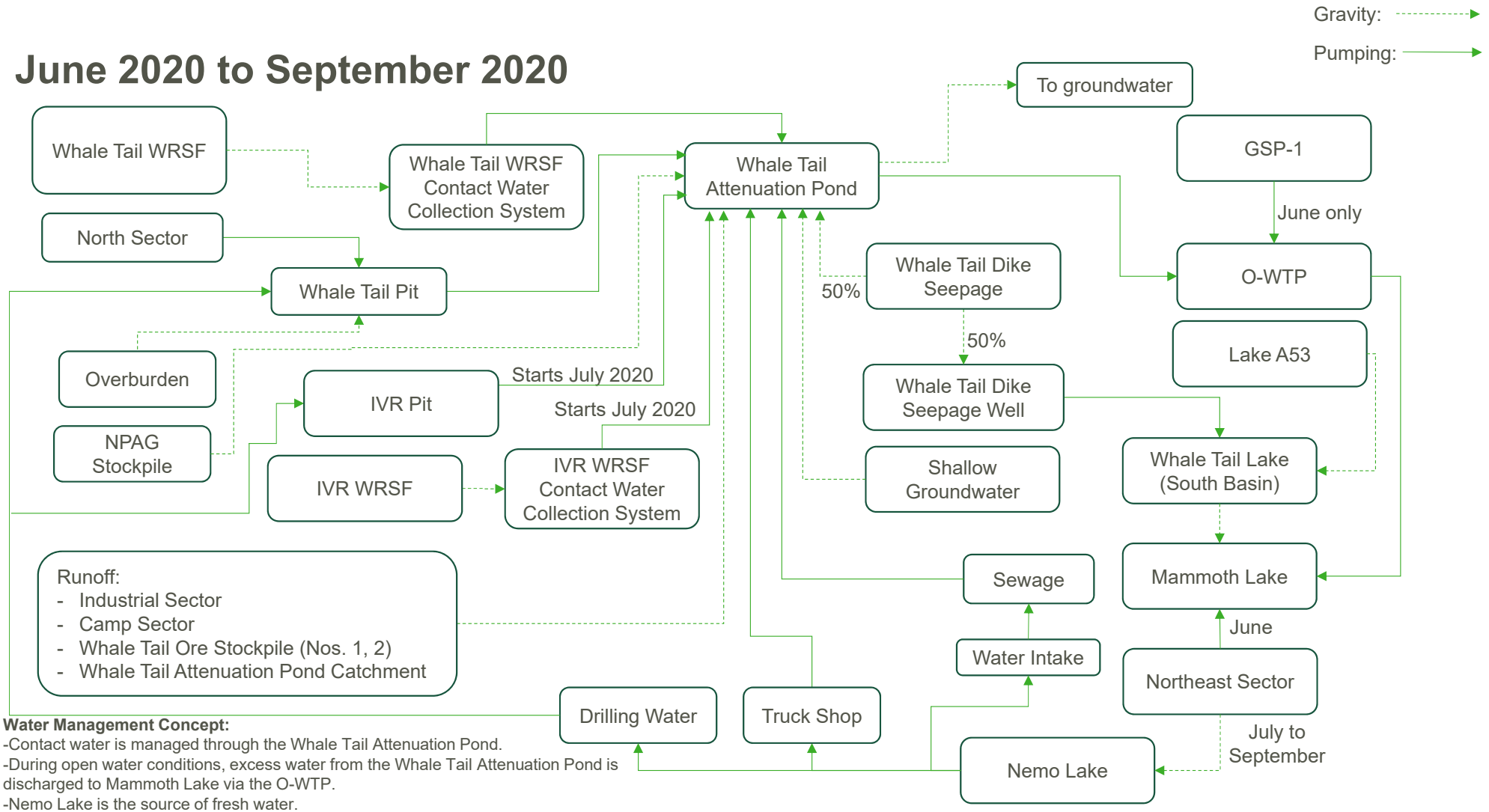

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During open water conditions, excess water from the Whale Tail Attenuation Pond is discharged to Mammoth Lake via the O-WTP.
-Nemo Lake is the source of fresh water.

# October 2019 to May 2020



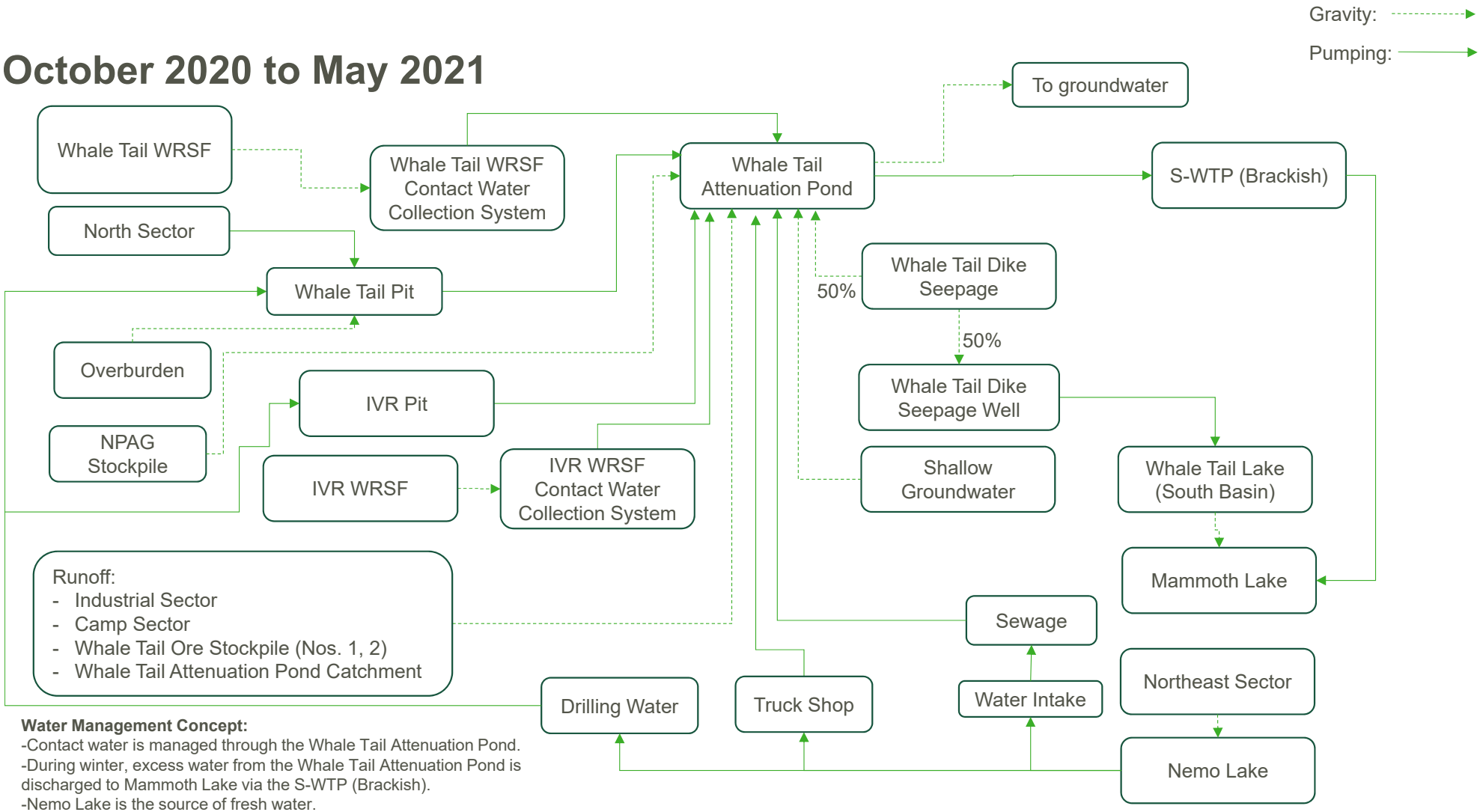

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During winter months prior to the operation of the Reverse Osmosis Plant, excess water from the Whale Tail Attenuation Pond is stored in GSP-1.
-Nemo Lake is the source of fresh water.

# June 2020 to September 2020



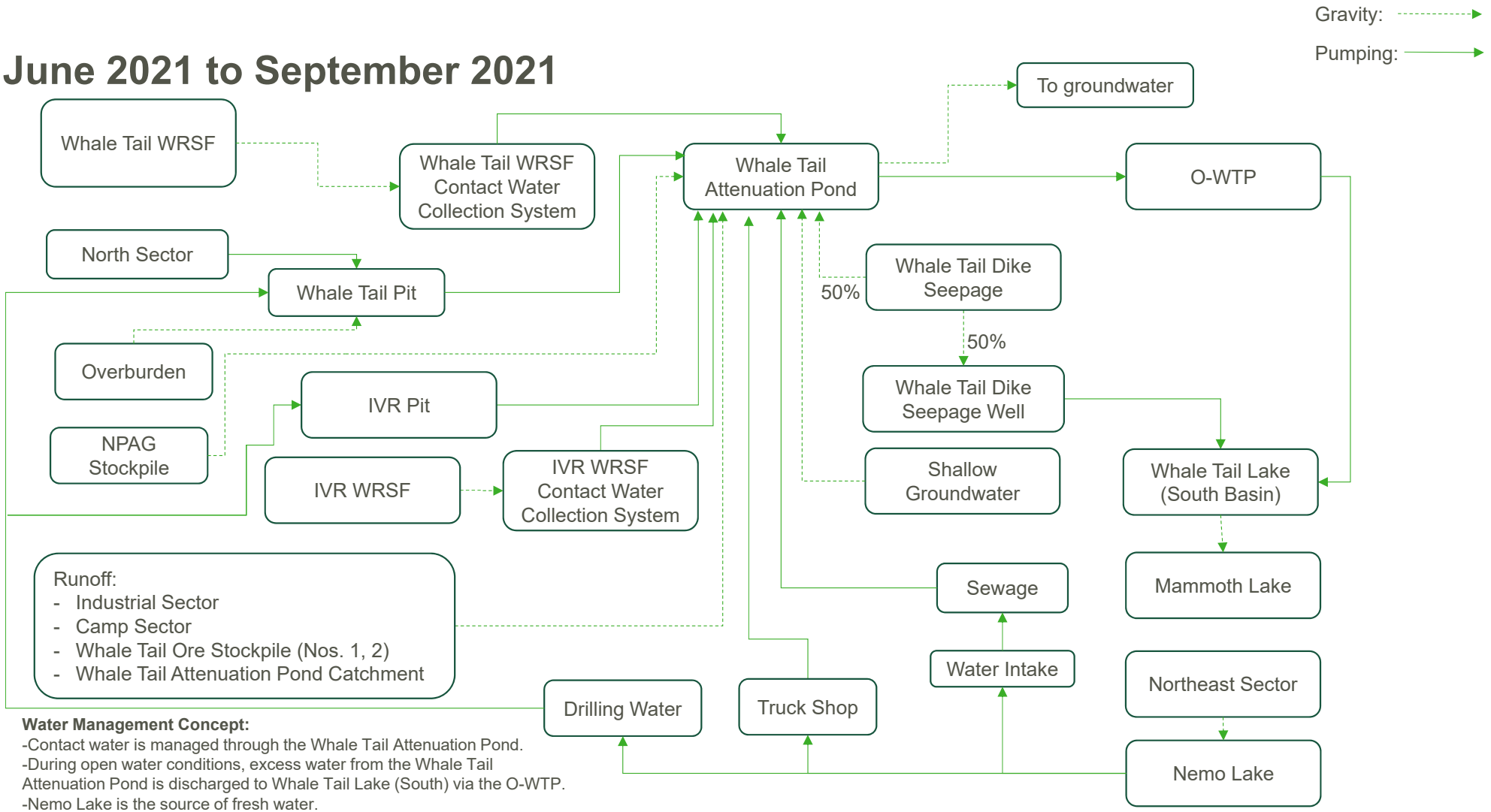

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During open water conditions, excess water from the Whale Tail Attenuation Pond is discharged to Mammoth Lake via the O-WTP.
-Nemo Lake is the source of fresh water.

# October 2020 to May 2021



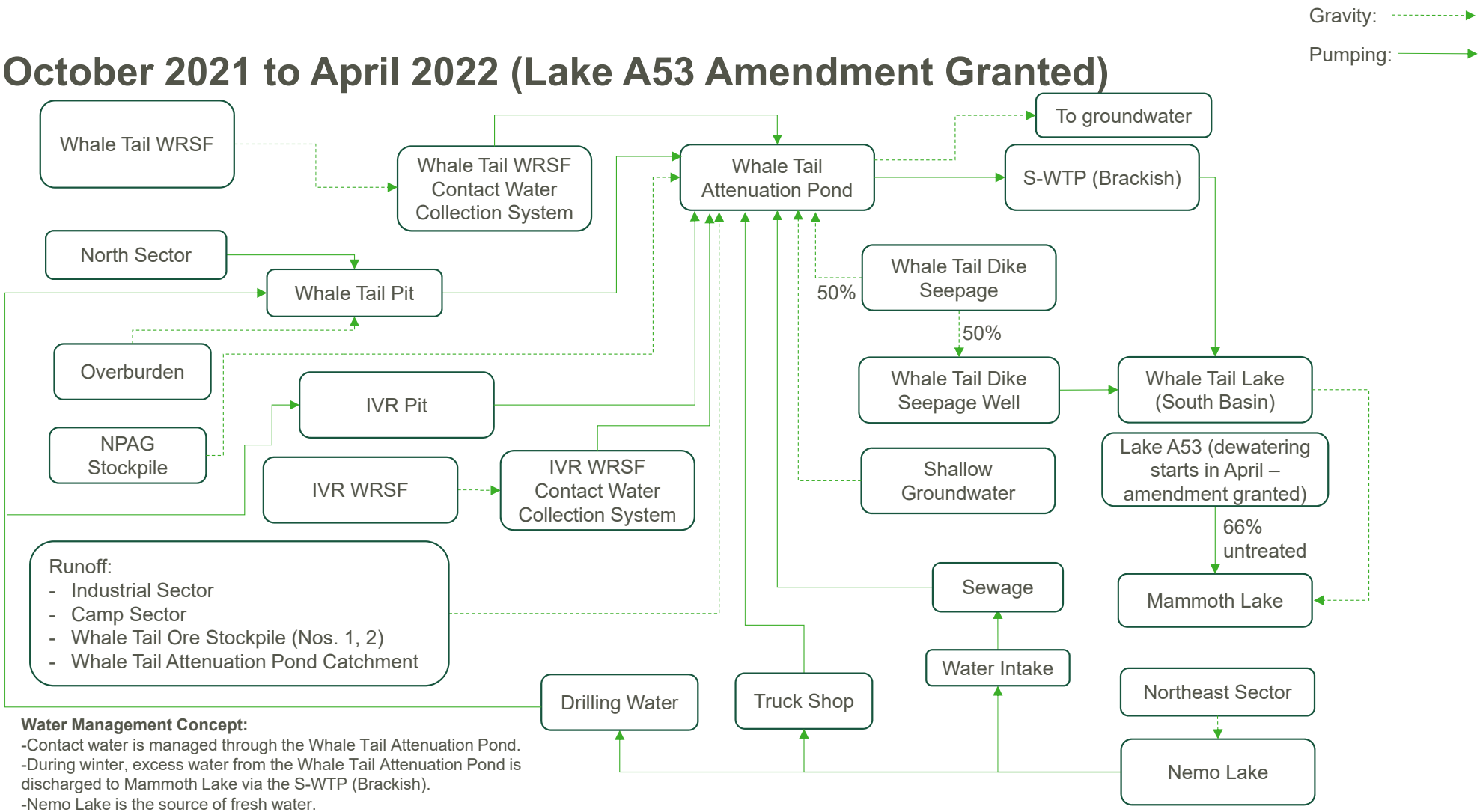

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During winter, excess water from the Whale Tail Attenuation Pond is discharged to Mammoth Lake via the S-WTP (Brackish).
-Nemo Lake is the source of fresh water.

# June 2021 to September 2021



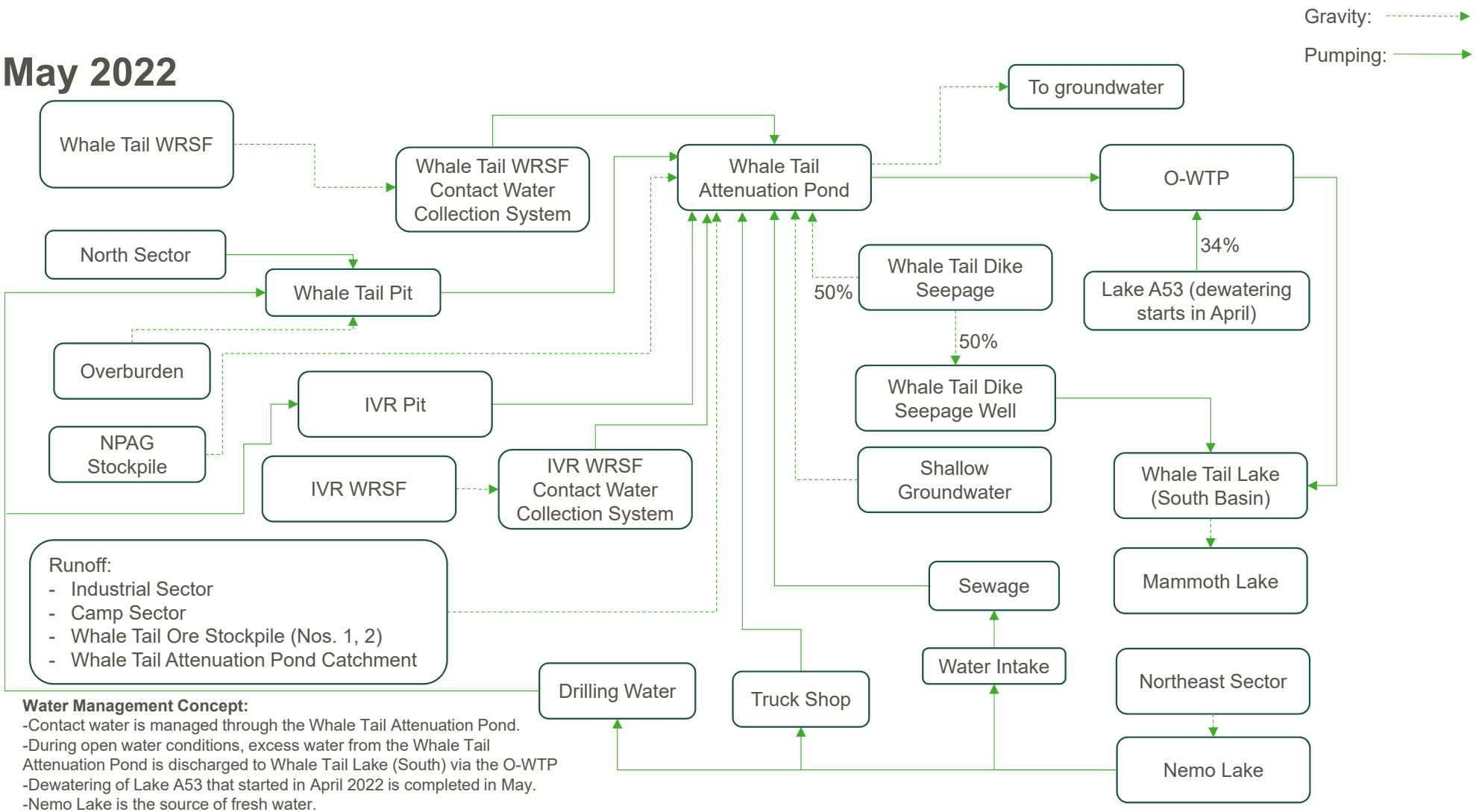

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During open water conditions, excess water from the Whale Tail Attenuation Pond is discharged to Whale Tail Lake (South) via the O-WTP.
-Nemo Lake is the source of fresh water.

# October 2021 to April 2022 (Lake A53 Amendment Granted)



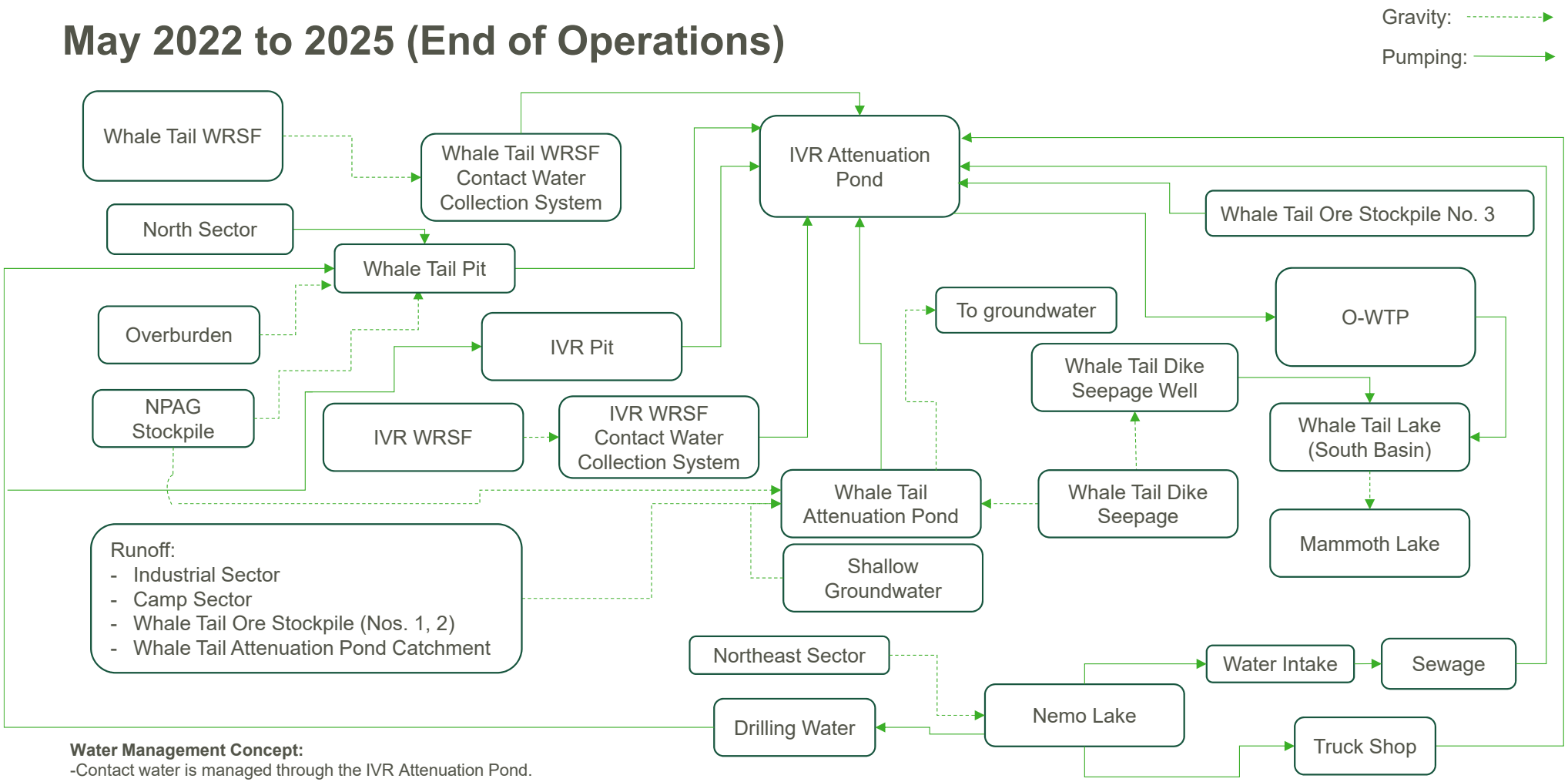

**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During winter, excess water from the Whale Tail Attenuation Pond is discharged to Mammoth Lake via the S-WTP (Brackish).
-Nemo Lake is the source of fresh water.

# May 2022




**Water Management Concept:**
-Contact water is managed through the Whale Tail Attenuation Pond.
-During open water conditions, excess water from the Whale Tail Attenuation Pond is discharged to Whale Tail Lake (South) via the O-WTP
-Dewatering of Lake A53 that started in April 2022 is completed in May.
-Nemo Lake is the source of fresh water.

# May 2022 to 2025 (End of Operations)

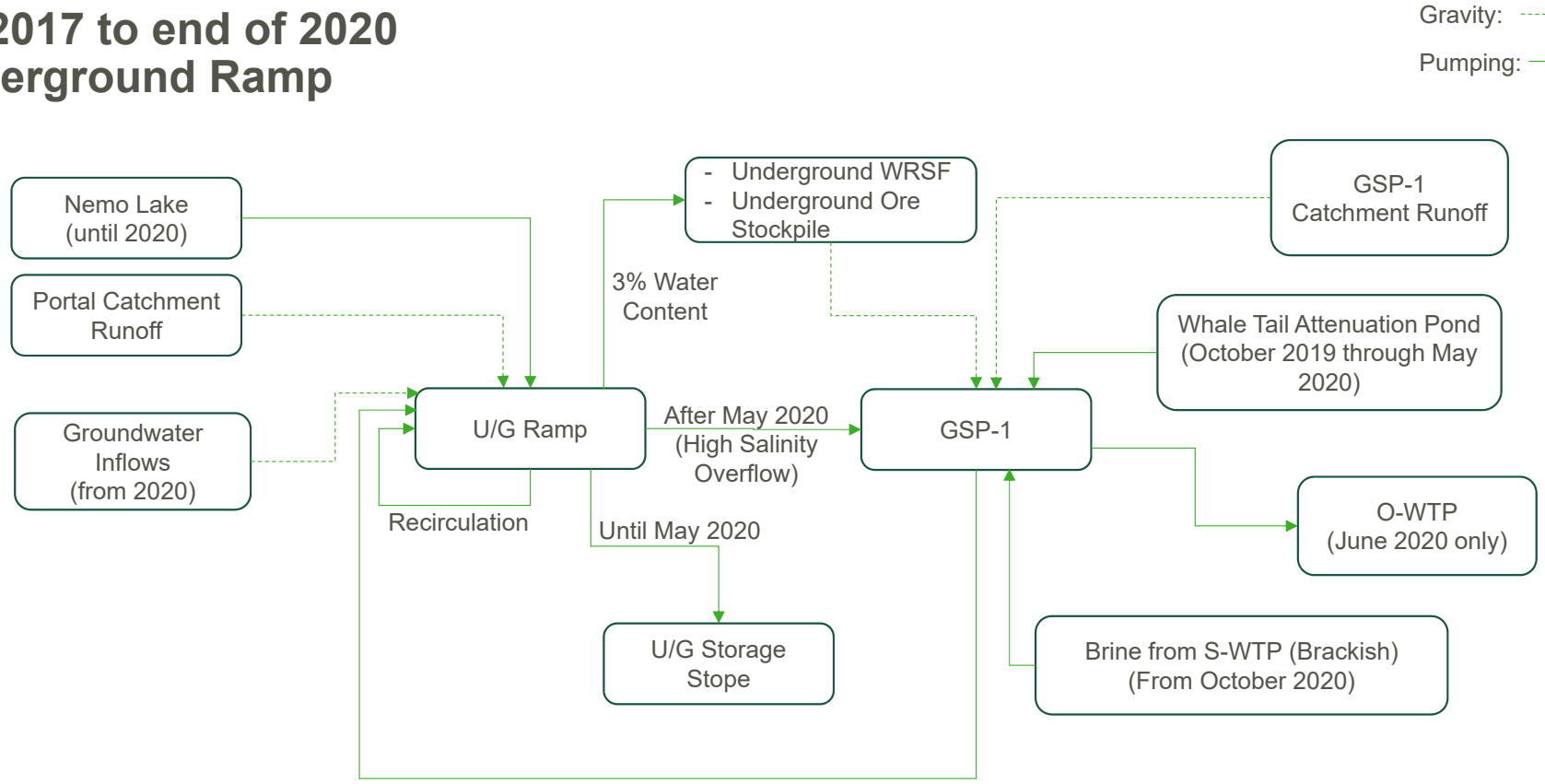



**Water Management Concept:**
-Contact water is managed through the IVR Attenuation Pond.
-Nemo Lake is the source of fresh water.

GOLDER

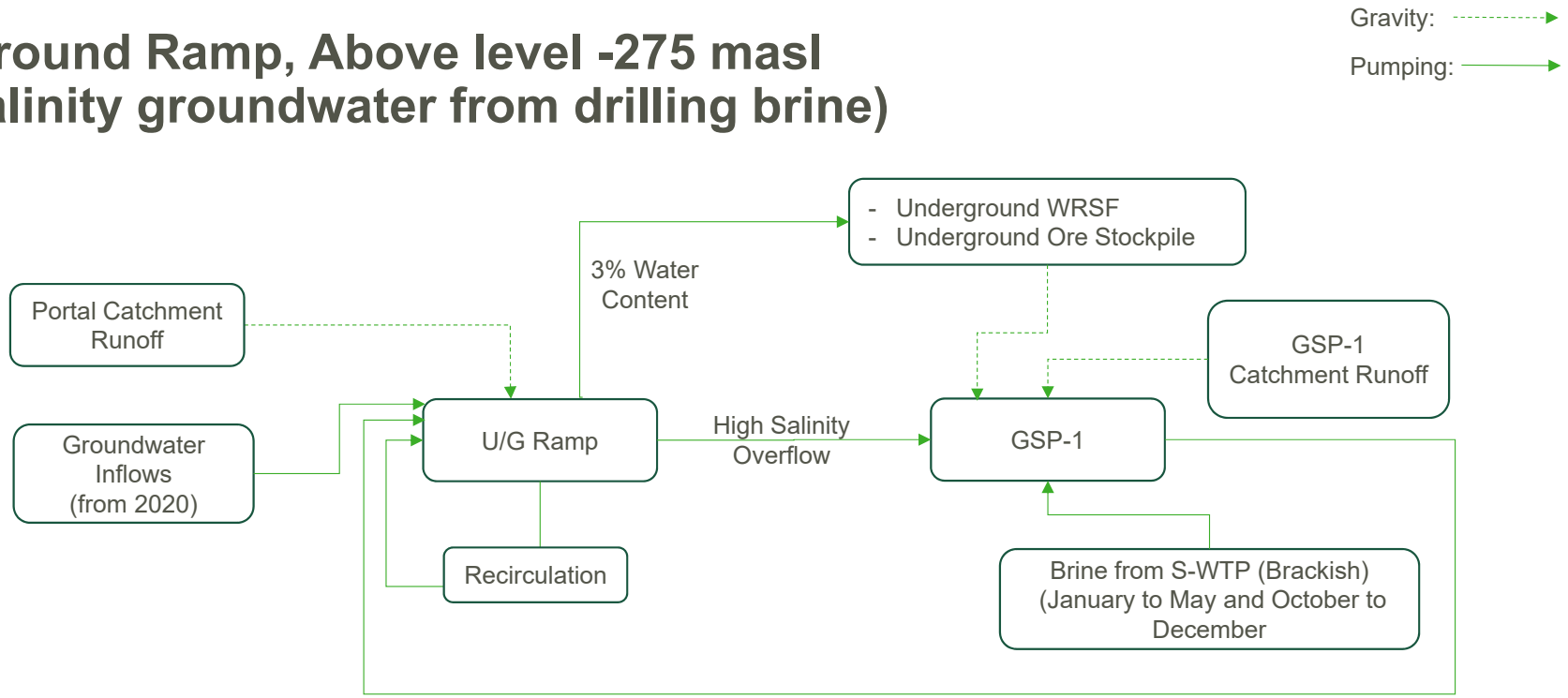
# Underground Mine Water Flow Charts

# Q4 2017 to end of 2020
# Underground Ramp



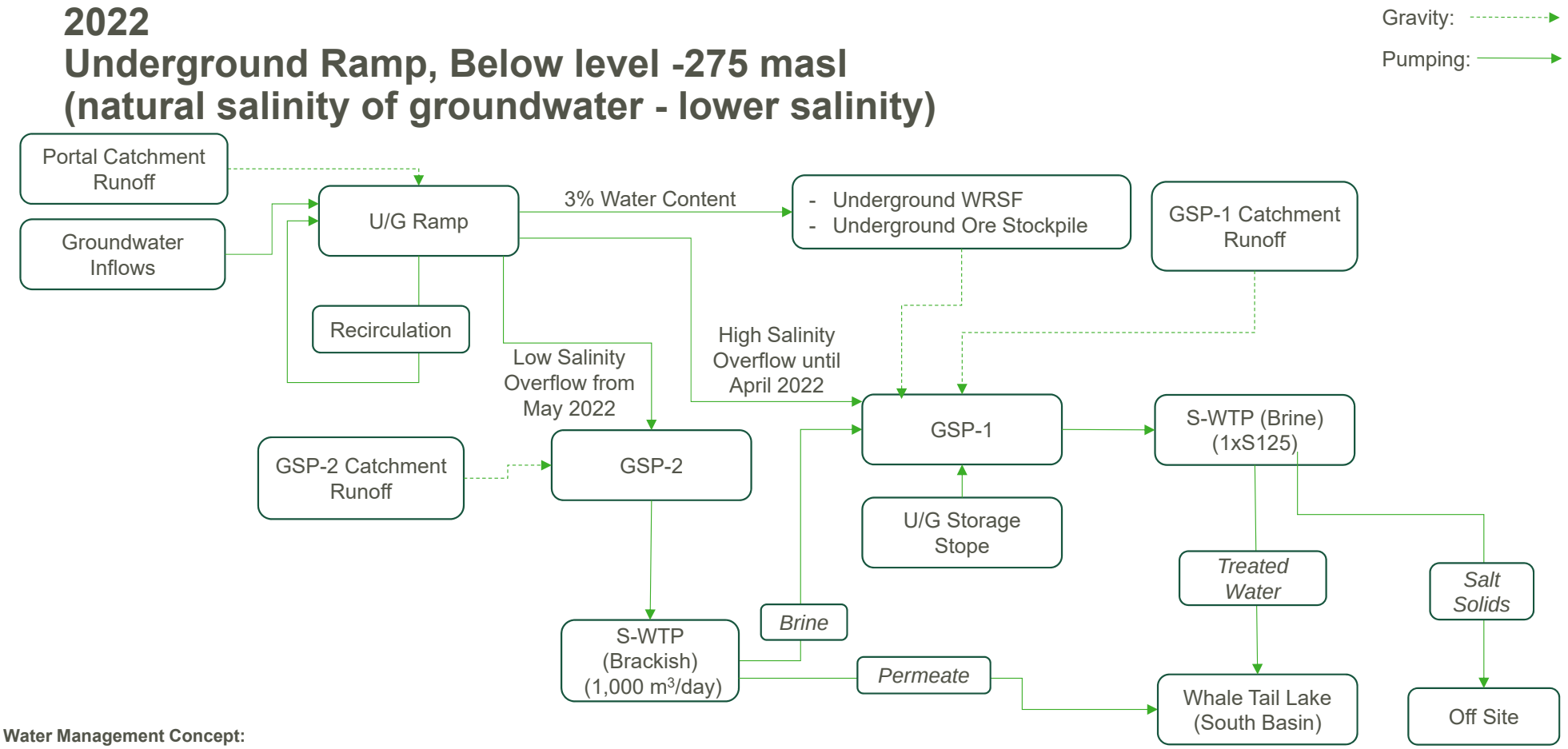

**Water Management Concept:**
-GSP-1 is the primary source of make-up water to feed the U/G Ramp. Nemo Lake is the secondary source.
-Overflow from the Underground Ramp is discharged to the Underground Stope until it is full. Once the stope is full, overflow reports to GSP-1 (High Salinity Pond) until mining breaks through the cryopeg (estimated in April 2022)

# 2021
# Underground Ramp, Above level -275 masl (high salinity groundwater from drilling brine)




**Water Management Concept:**
-GSP-1 is the source of make-up water to feed the U/G Ramp.
-Overflow from the Underground Ramp is discharged to the Underground Stope until it is full. Once the stope is full (May 2020), overflow reports to GSP-1 (High Salinity Pond) until mining breaks through the cryopeg (estimated in April 2022)

# 2022
# Underground Ramp, Below level -275 masl (natural salinity of groundwater - lower salinity)



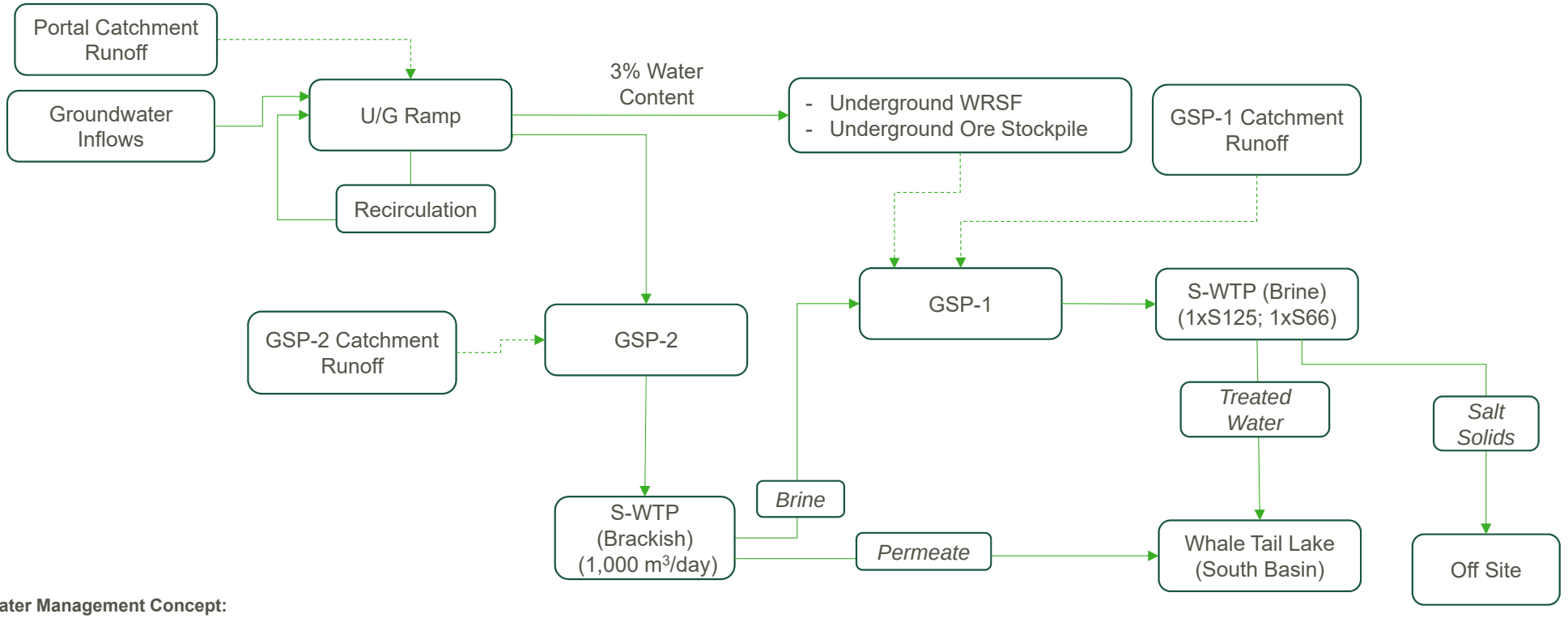

**Water Management Concept:**

-Overflow from the Underground Ramp is discharged to the Underground Stope until it is full. Once the stope is full (May 2020), overflow reports to GSP-1 (High Salinity Pond) until mining breaks through the cryopeg (estimated in April 2022). The low salinity overflow then reports to GSP-2 (Low Salinity Pond).

-Treated high salinity flows (from GSP-1) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brine)

-Treated low salinity flows (from GSP-2) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brackish)

# 2023, 2024
# Underground Ramp, Below level -275 masl
# (natural salinity of groundwater - lower salinity)



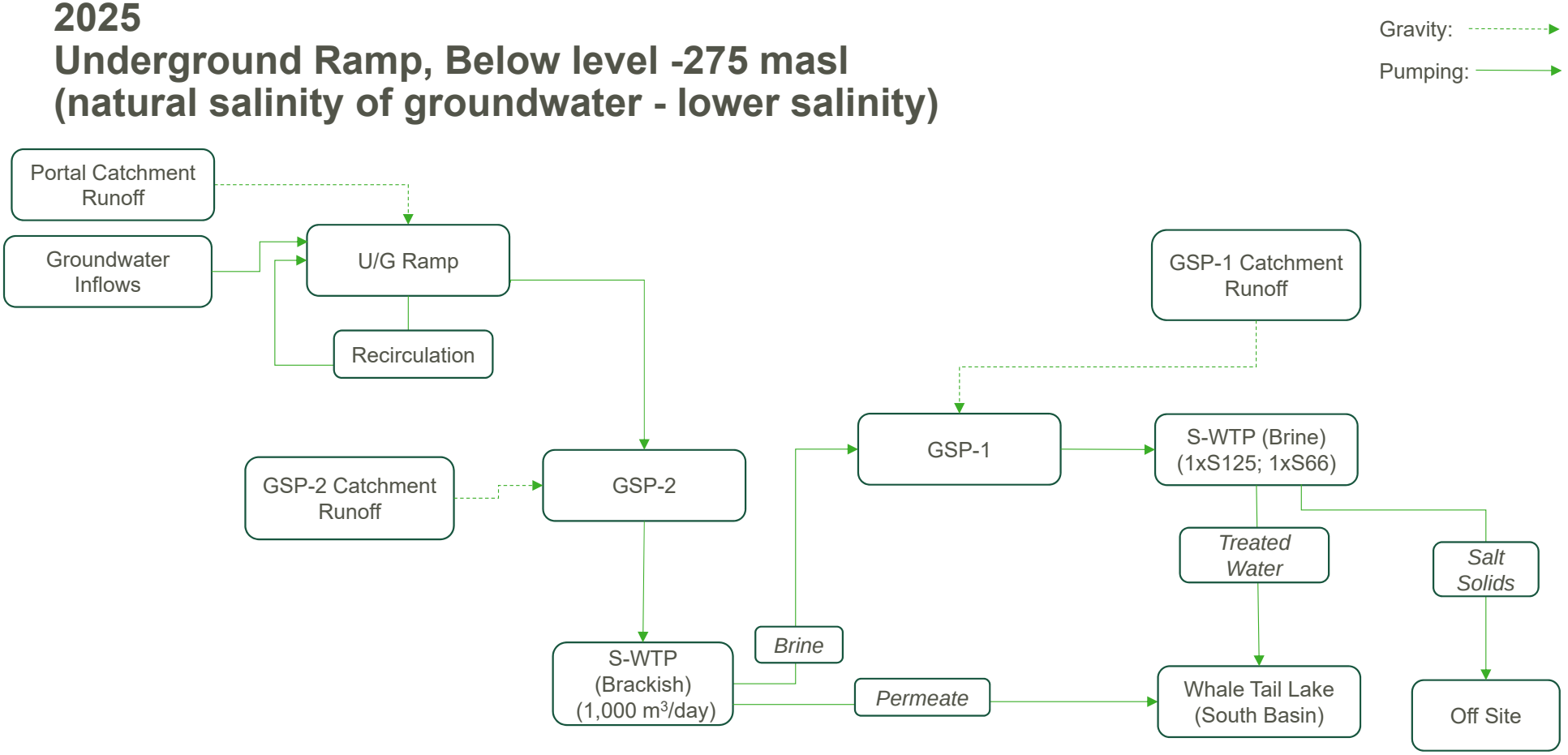

**Water Management Concept:**

-Overflow from the Underground Ramp is discharged to the Underground Stope until it is full. Once the stope is full (May 2020), overflow reports to GSP-1 (High Salinity Pond) until mining breaks through the cryopeg (estimated in April 2022). The low salinity overflow then reports to GSP-2 (Low Salinity Pond).

-Treated high salinity flows (from GSP-1) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brine). The capacity is increased in January 2023

-Treated low salinity flows (from GSP-2) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brackish)

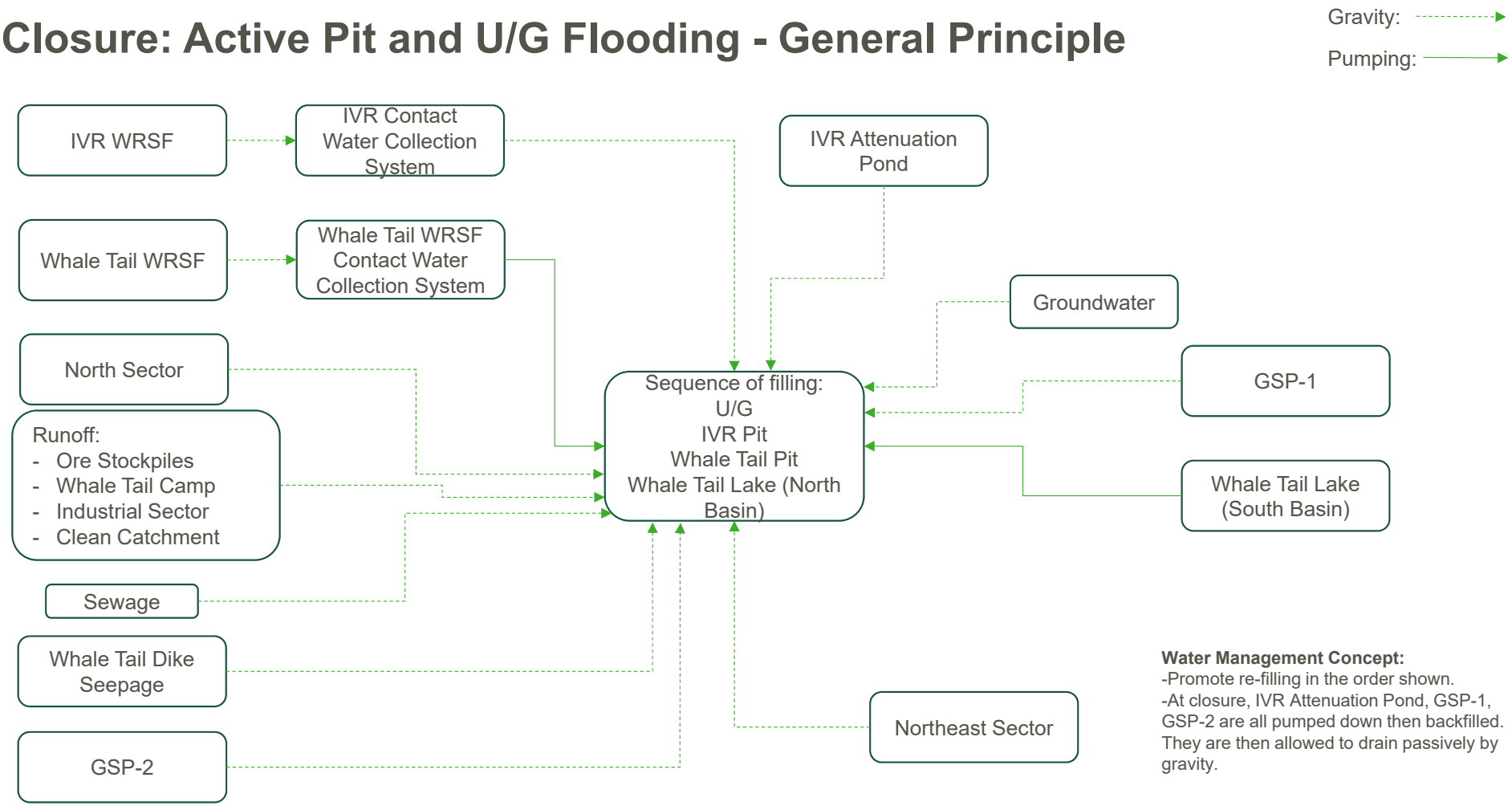
# 2025
# Underground Ramp, Below level -275 masl (natural salinity of groundwater - lower salinity)




**Water Management Concept:**
-Mining from underground completed at end of 2024.
-Treated high salinity flows (from GSP-1) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brine). The capacity is increased in January 2023
-Treated low salinity flows (from GSP-2) are discharged to Whale Tail Lake (South Basin) via S-WTP (Brackish)

# Closure and Post-Closure Flow Charts

# Closure: Active Pit and U/G Flooding - General Principle



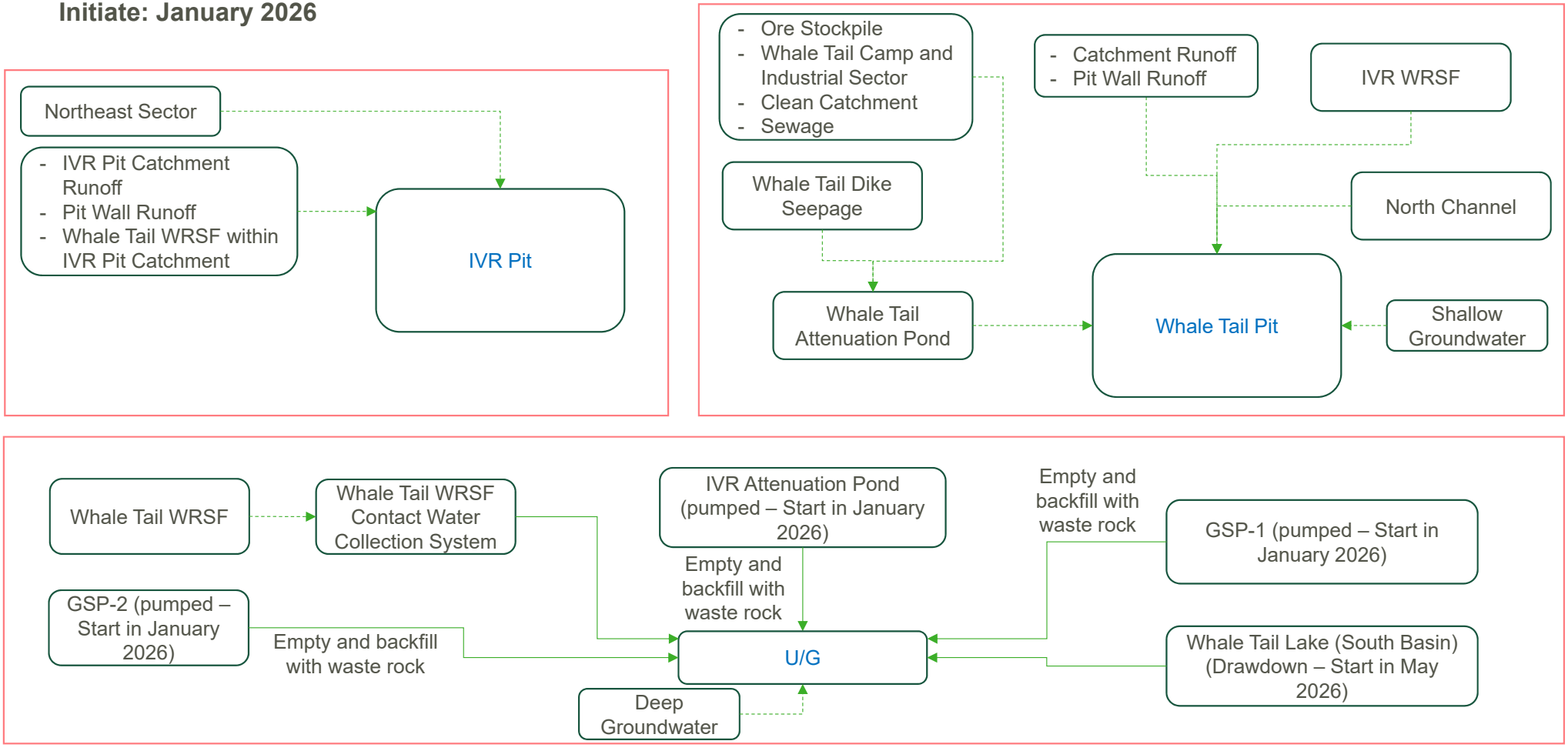

**Water Management Concept:**
-Promote re-filling in the order shown.
-At closure, IVR Attenuation Pond, GSP-1, GSP-2 are all pumped down then backfilled. They are then allowed to drain passively by gravity.

# Closure (Active Flooding) Sequence: Underground Mine

Gravity: ⇢

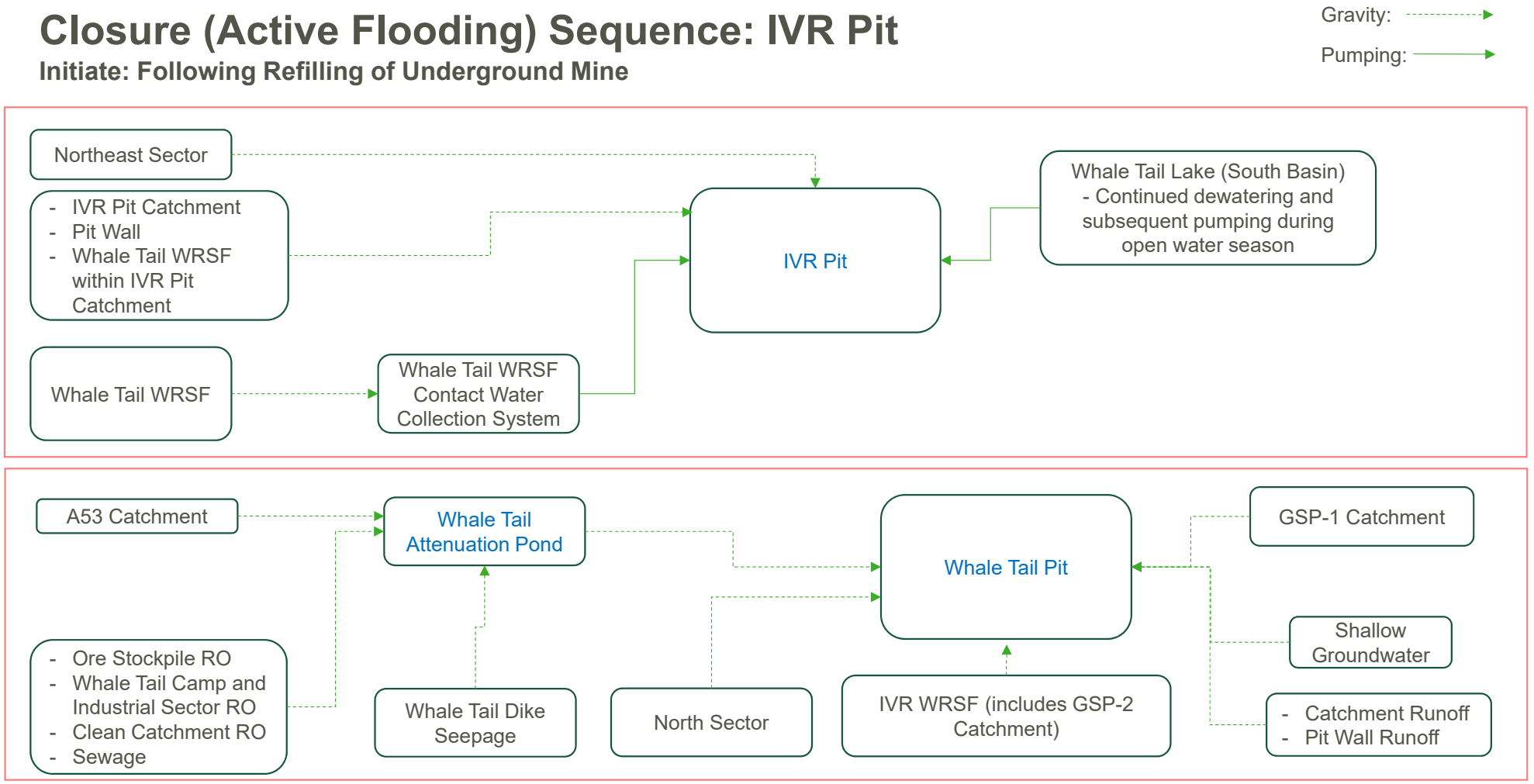
Pumping: →

**Initiate: January 2026**



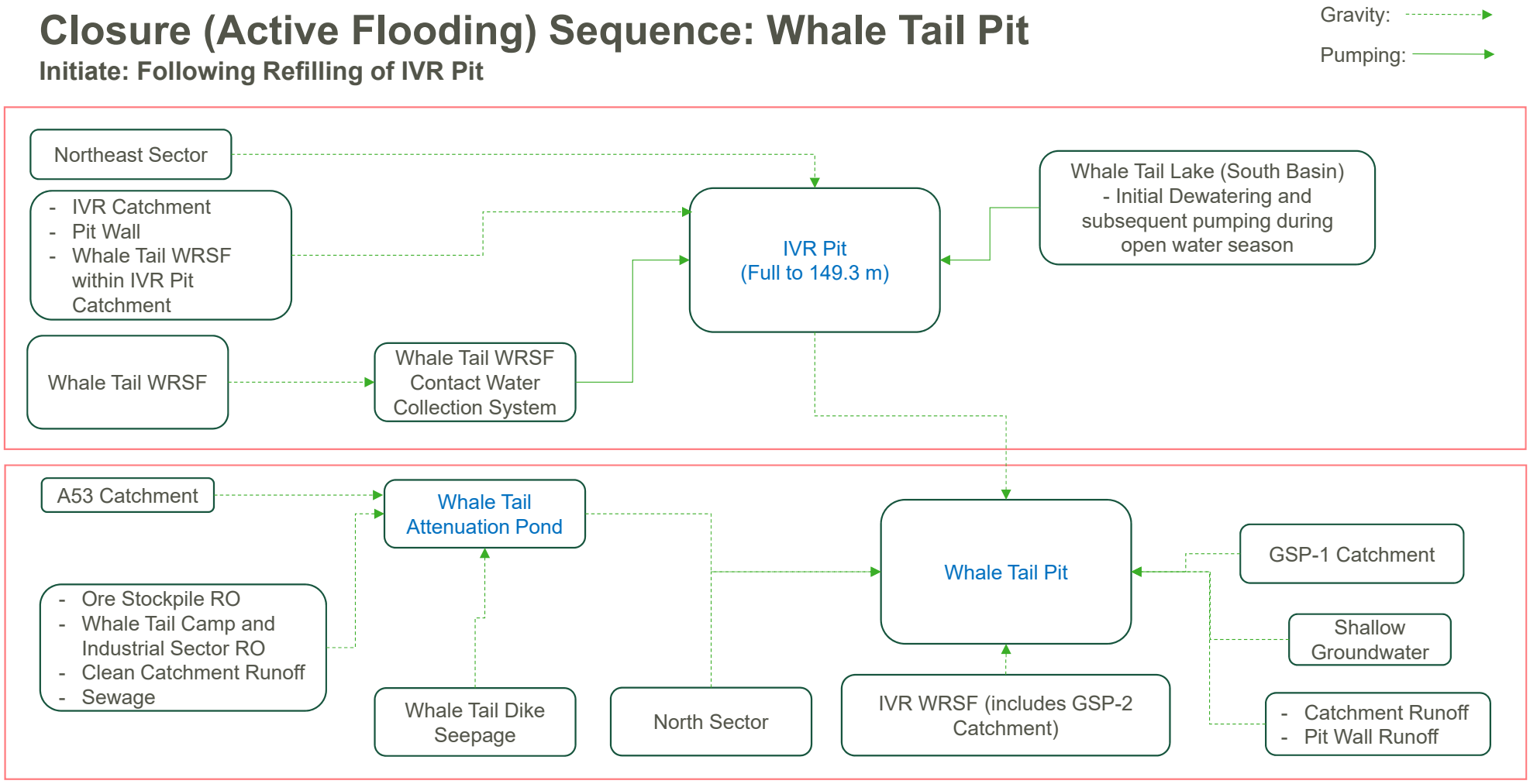
# Closure (Active Flooding) Sequence: IVR Pit

## Initiate: Following Refilling of Underground Mine



# Closure (Active Flooding) Sequence: Whale Tail Pit

## Initiate: Following Refilling of IVR Pit

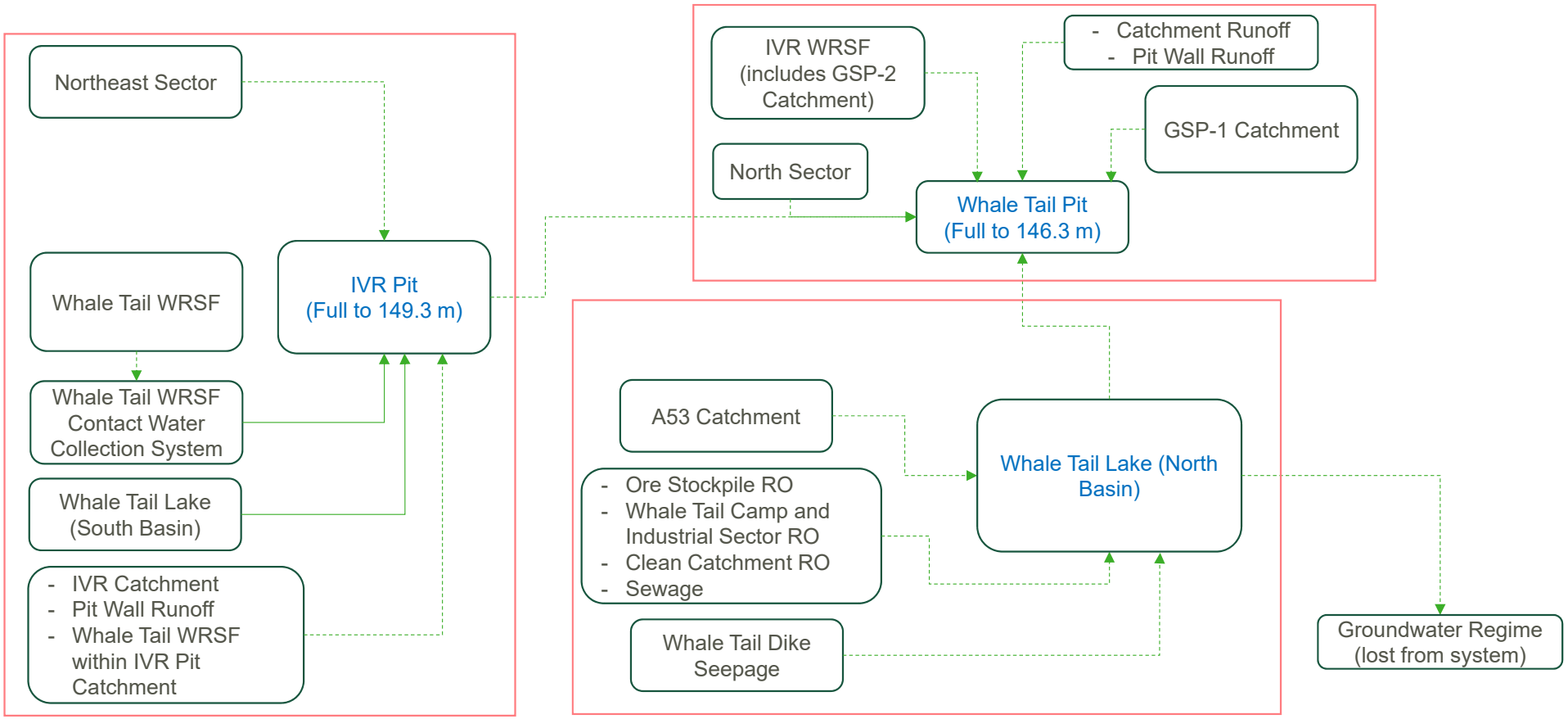


# Closure (Active Flooding) Sequence: Whale Tail Lake (North Basin)

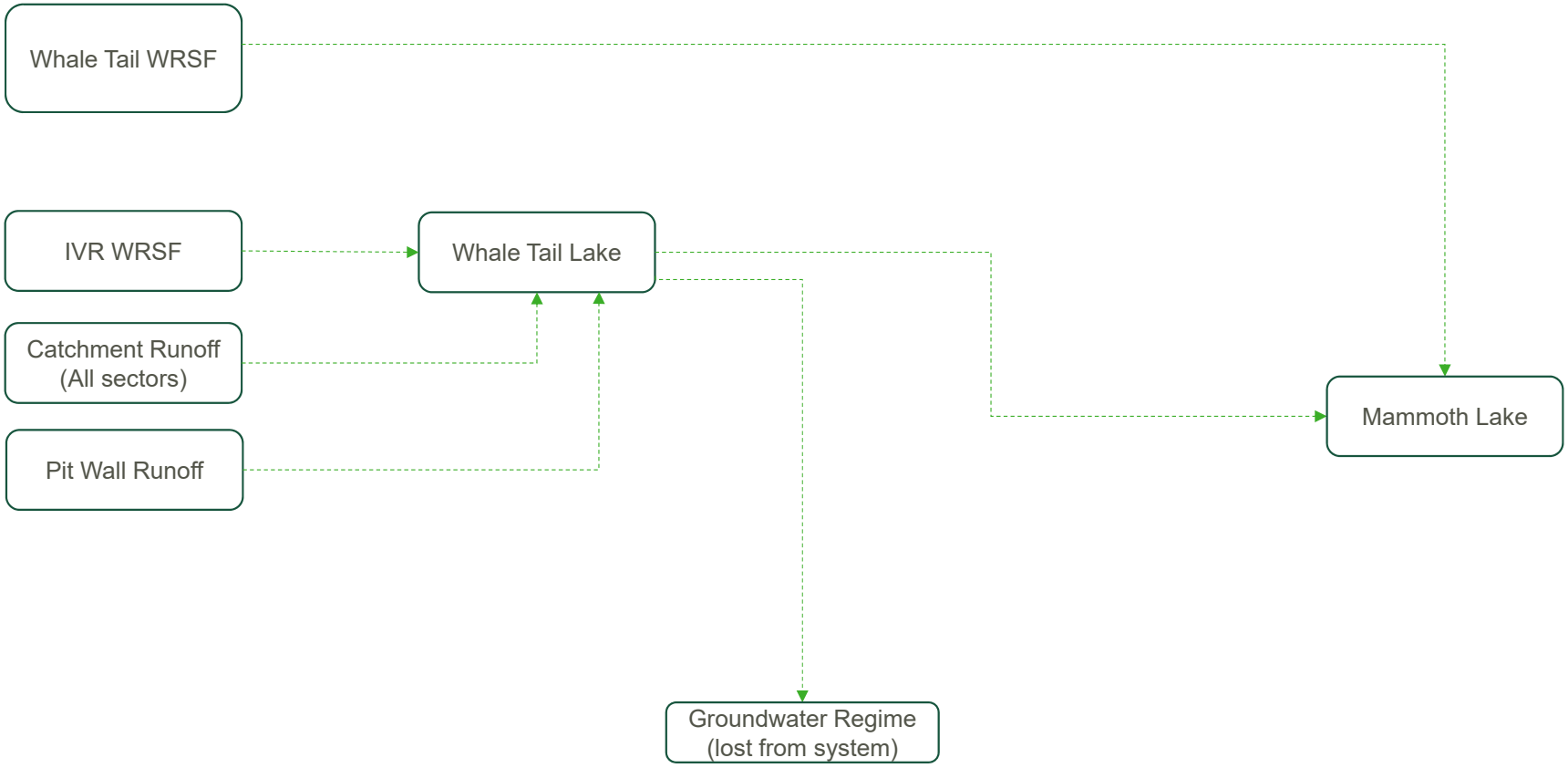
Gravity: ⇢

Pumping: →

## Initiate: Following Refilling of Whale Tail Pit



# Post-closure General, Whale Tail Lake



**APPENDIX B**

# Mine Plan Drawings

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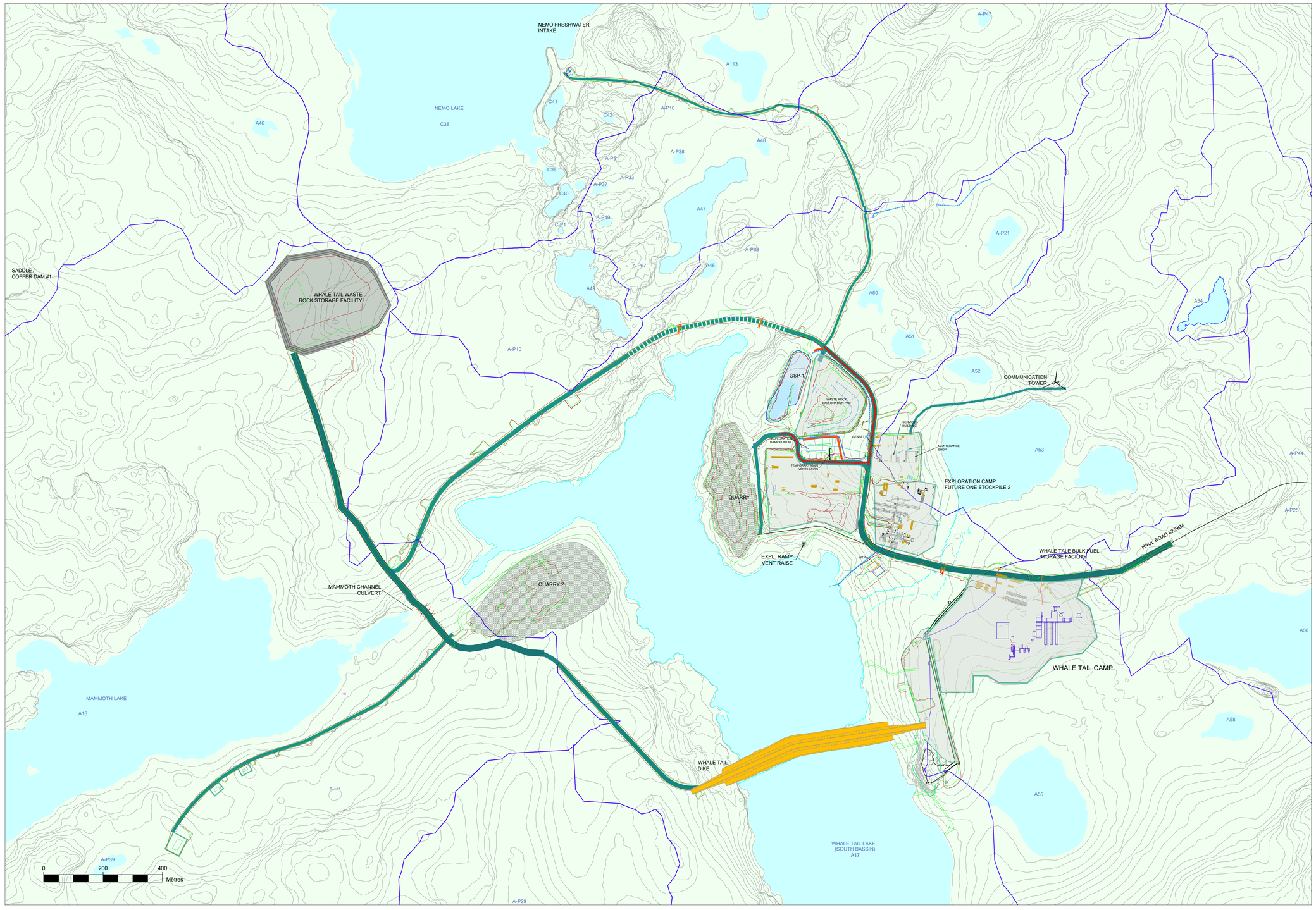
DRAWING NO. AMQ 2018Q4V8

FORMAT ARCHD




PLAN CLÉ
KEY PLAN

ISSUED FOR PERMITTING
AGNICO EAGLE DATE : 2019-05-03

NOTES GÉNÉRALES / GENERAL NOTES

LEGEND

- WATERSHED
- WATER PIPE
- LAKE WATER
- HAUL ROAD, LARGE WIDE
- HAUL ROAD, SINGLE LANE
- SERVICE ROAD
- ROAD, SALT PROTECTION
- ROCK PILE
- WATER POND
- PAD
- BUILDING

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DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

| TITRE / TITLE | # DWG |
|---|---|
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AGNICO EAGLE

| REV. | DATE | DESCRIPTION | PAR/BY | APP. | CLIENT |
|---|---|---|---|---|---|

REVISIONS

AMARUQ PROJECT

TITRE / TITLE
AGNICO EAGLE – MEADOWBANK DIVISION
AMARUQ MINE PROJECT
005 – SITE PREPARATION
210 GENERAL ARRANGEMENT
AMARUQ MINE SITE ARRANGEMENT
–

| | | |
|---|---|---|
| DESSINÉ PAR / DRAWN BY | J. CRETE | DATE 2018-05-01 |
| VERIFIÉ PAR / CHECKED BY | | |
| APPROUVÉ PAR / APPROVED BY | | |
| ÉCHELLE / SCALE 1:6000 | DATE 2018-05-01 | |
| NO. DESSIN / DRAWING NO. 2018 Q4 | | |
| NO. PROJET / PROJECT NO. 6117 | REVISION v8 | FEUILLE / SHT 3 / 6 |

AE-CART-ARCH D

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NO. DESSIN DRAWING NO. AMQ_2019Q4V8_JM2

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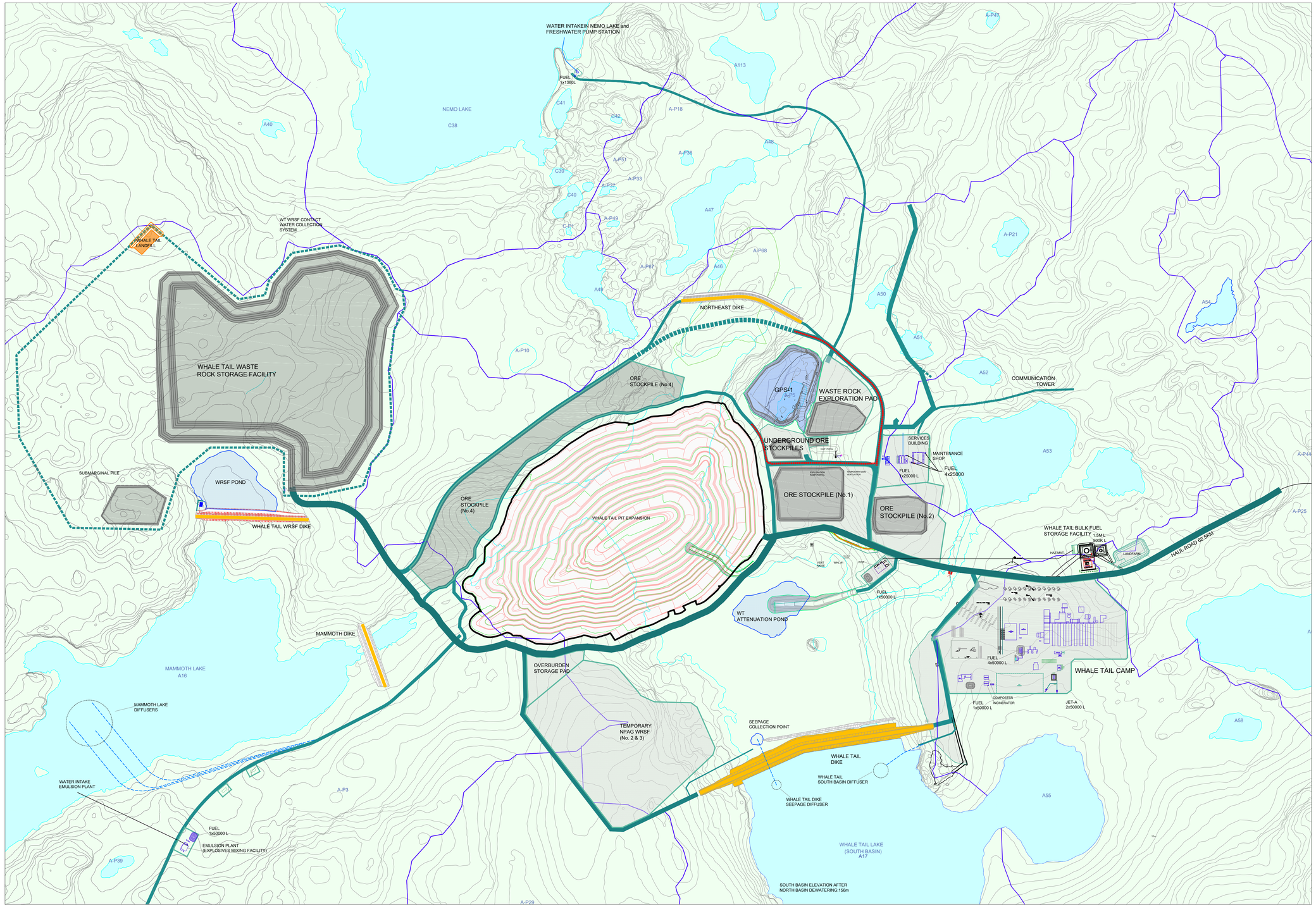


PLAN CLÉ
KEY PLAN

ISSUED FOR PERMITTING
DATE : 2019-05-06

## NOTES GÉNÉRALES / GENERAL NOTES

LEGEND

- WATERSHED
- ATTENUATION POND
- WATER PIPE
- LAKE WATER
- OPEN PIT
- HAUL ROAD, LARGE WIDE
- HAUL ROAD, SINGLE LANE
- SERVICE ROAD
- ROAD, SALT PROTECTION
- ROCK PILE
- WATER POND
- PAD
- BUILDING

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REVISIONS

**AMARUQ PROJECT**

TITRE / TITLE

AGNICO EAGLE – MEADOWBANK DIVISION
AMARUQ MINE PROJECT
005 – SITE PREPARATION
210 GENERAL ARRANGEMENT
AMARUQ MINE SITE ARRANGEMENT
PERMITTING

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| DESSINÉ PAR DRAWN BY | JOCELYN CRETE | DATE 2019-05-02 |
| VÉRIFIÉ PAR CHECKED BY | J.MOSQUERA | 2019-05-02 |
| APPROUVÉ PAR APPROVED BY | | |
| ÉCHELLE SCALE | 1:6000 | DATE 2019-05-02 |
| NO. DESSIN DRAWING NO. | 2019Q4 | |
| NO. PROJET PROJECT NO. | 6117 | REVISION v8 / FEUILLE / SHT 3 / 6 |

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DRAWING NO. AMQ_2020Q4V8

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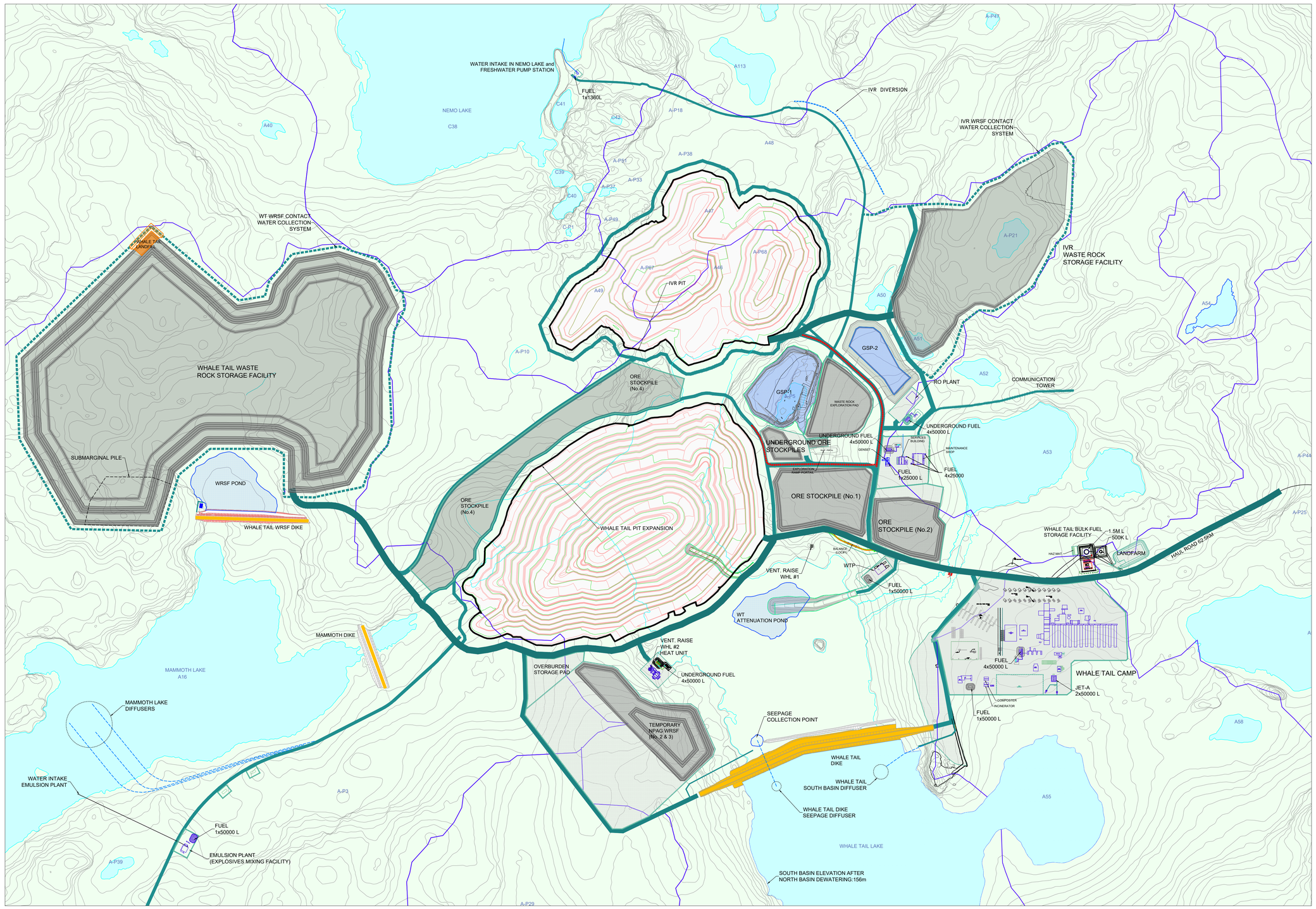


PLAN CLÉ
KEY PLAN

ISSUED FOR PERMITTING
AGNICO EAGLE DATE : 2019-05-06

NOTES GÉNÉRALES / GENERAL NOTES

LEGEND

- WATERSHED
- ATTENUATION POND
- WATER PIPE
- LAKE WATER
- OPEN PIT
- HAUL ROAD, LARGE WIDE
- HAUL ROAD, SINGLE LANE
- SERVICE ROAD
- ROAD, SALT PROTECTION
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AMARUQ MINE SITE ARRANGEMENT
PERMITTING

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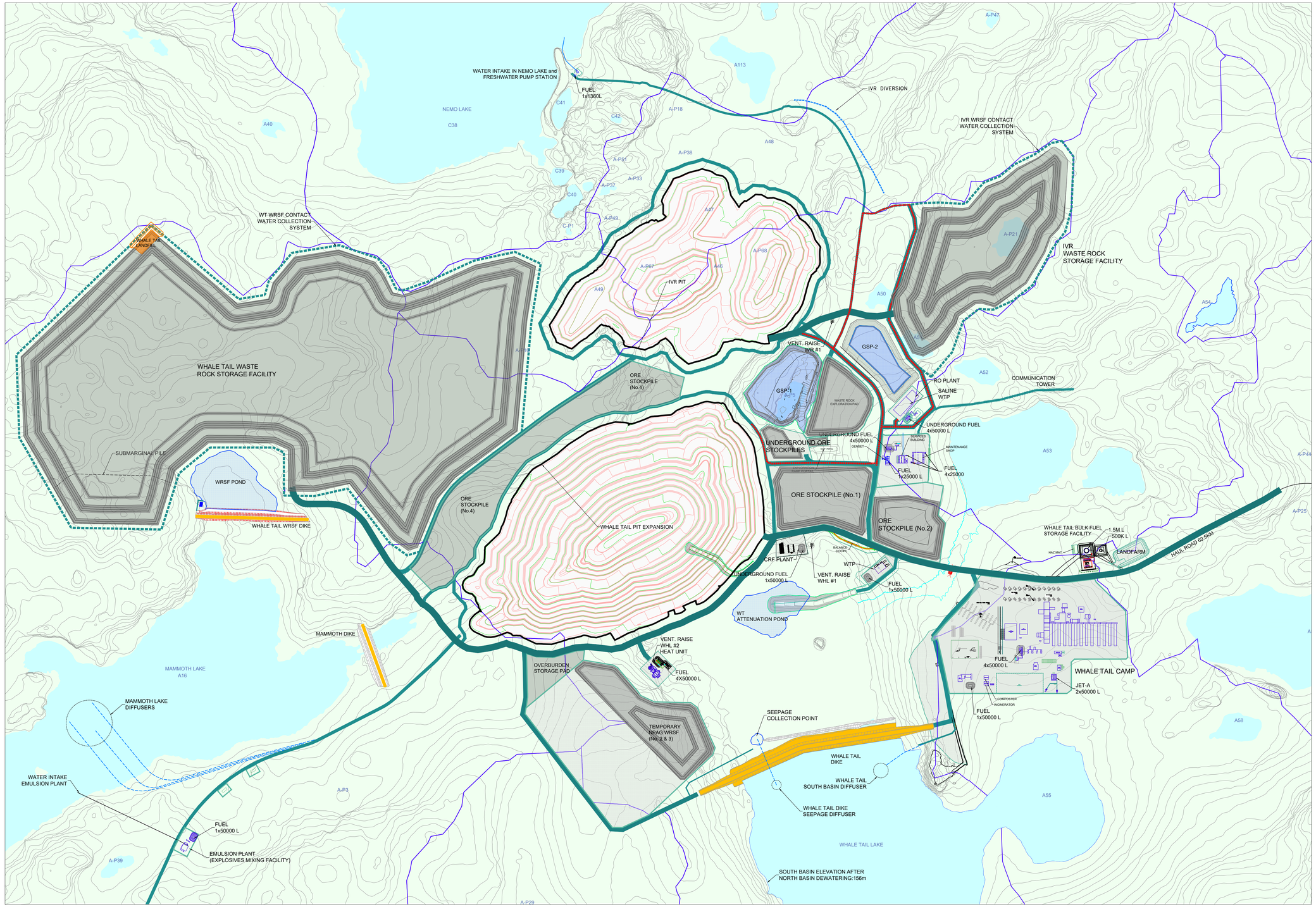


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AGNICO EAGLE DATE : 2019-05-06

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AGNICO EAGLE – MEADOWBANK DIVISION
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AMARUQ MINE SITE ARRANGEMENT
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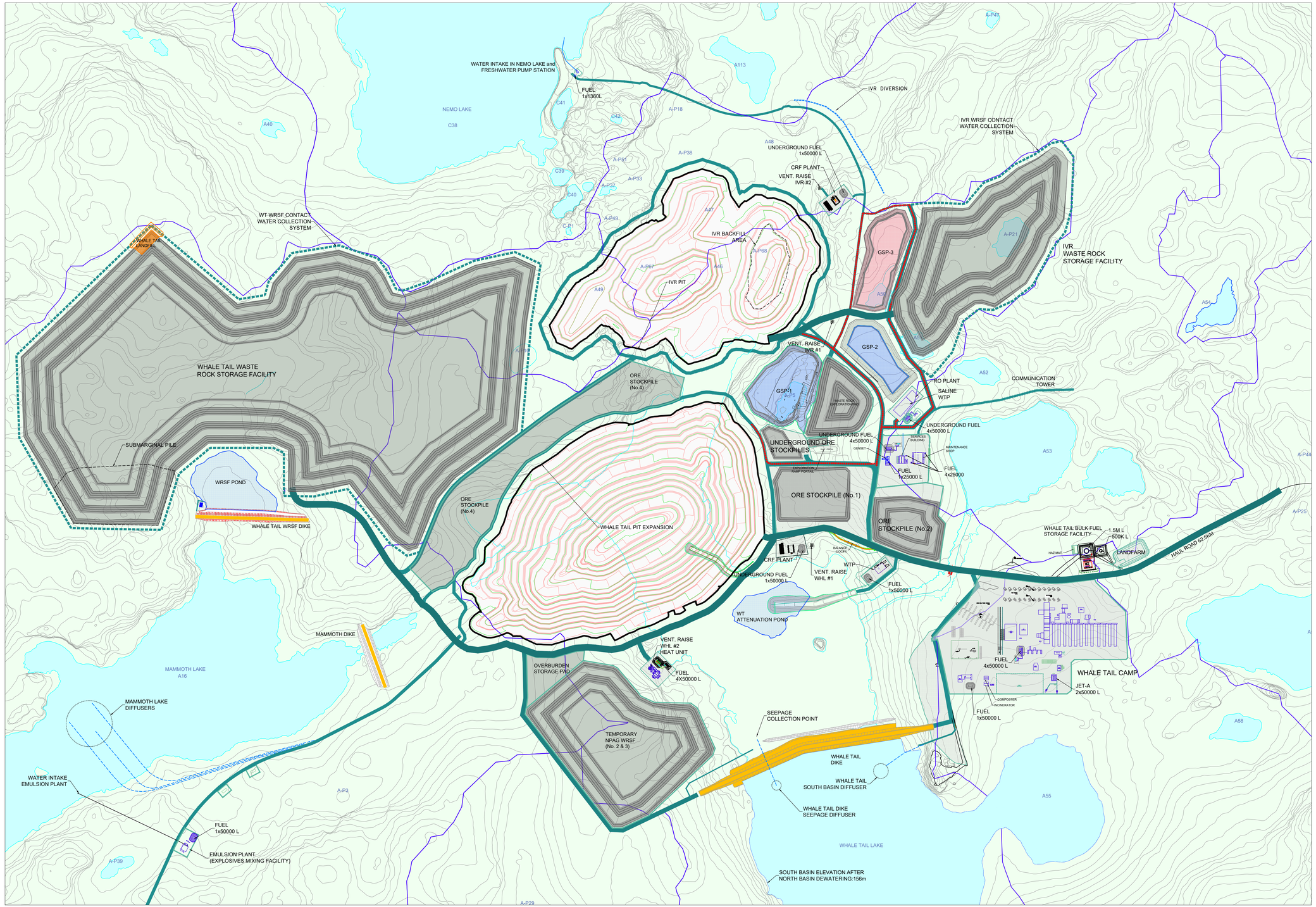


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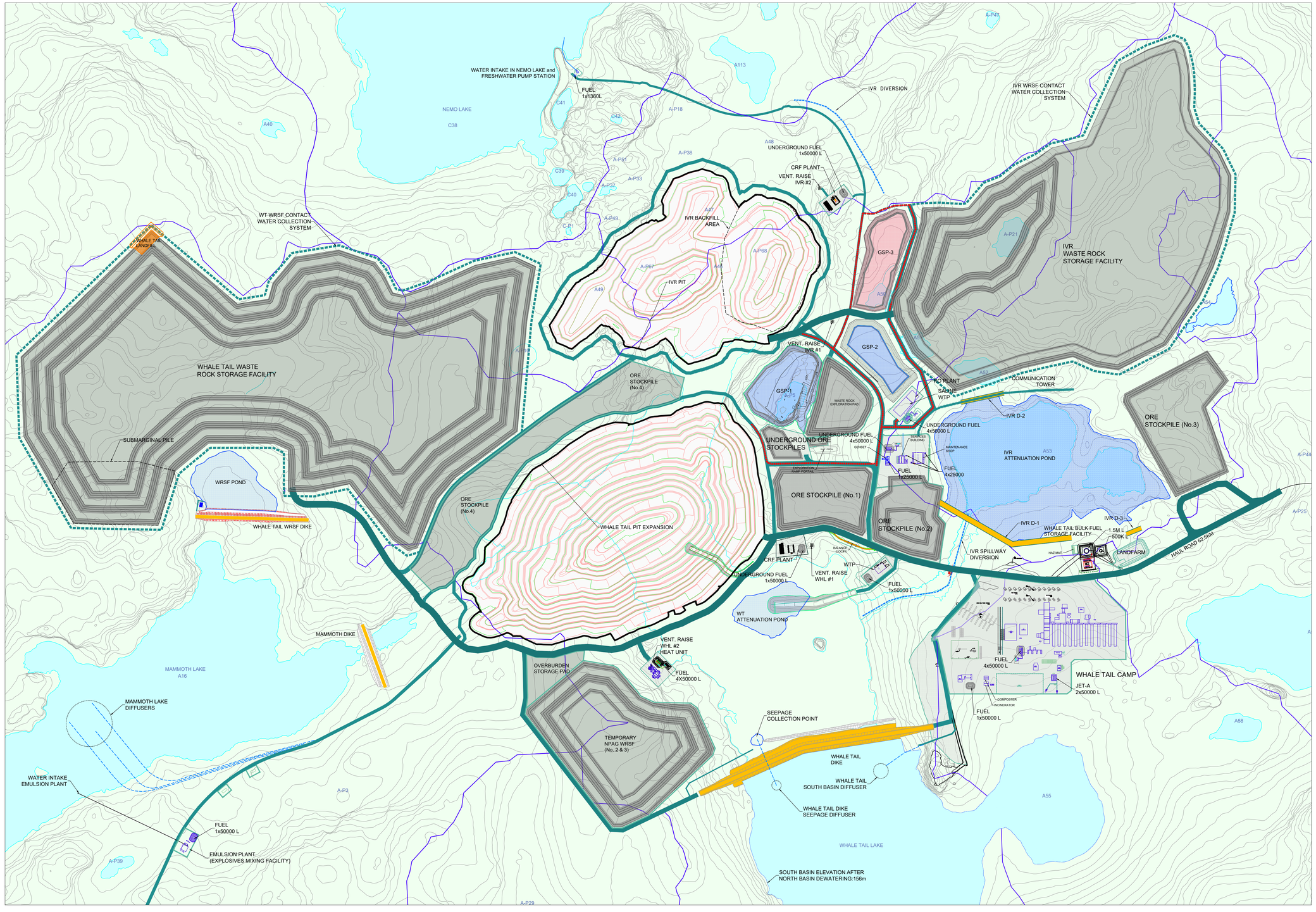


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AGNICO EAGLE – MEADOWBANK DIVISION
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210 GENERAL ARRANGEMENT
AMARUQ MINE SITE ARRANGEMENT
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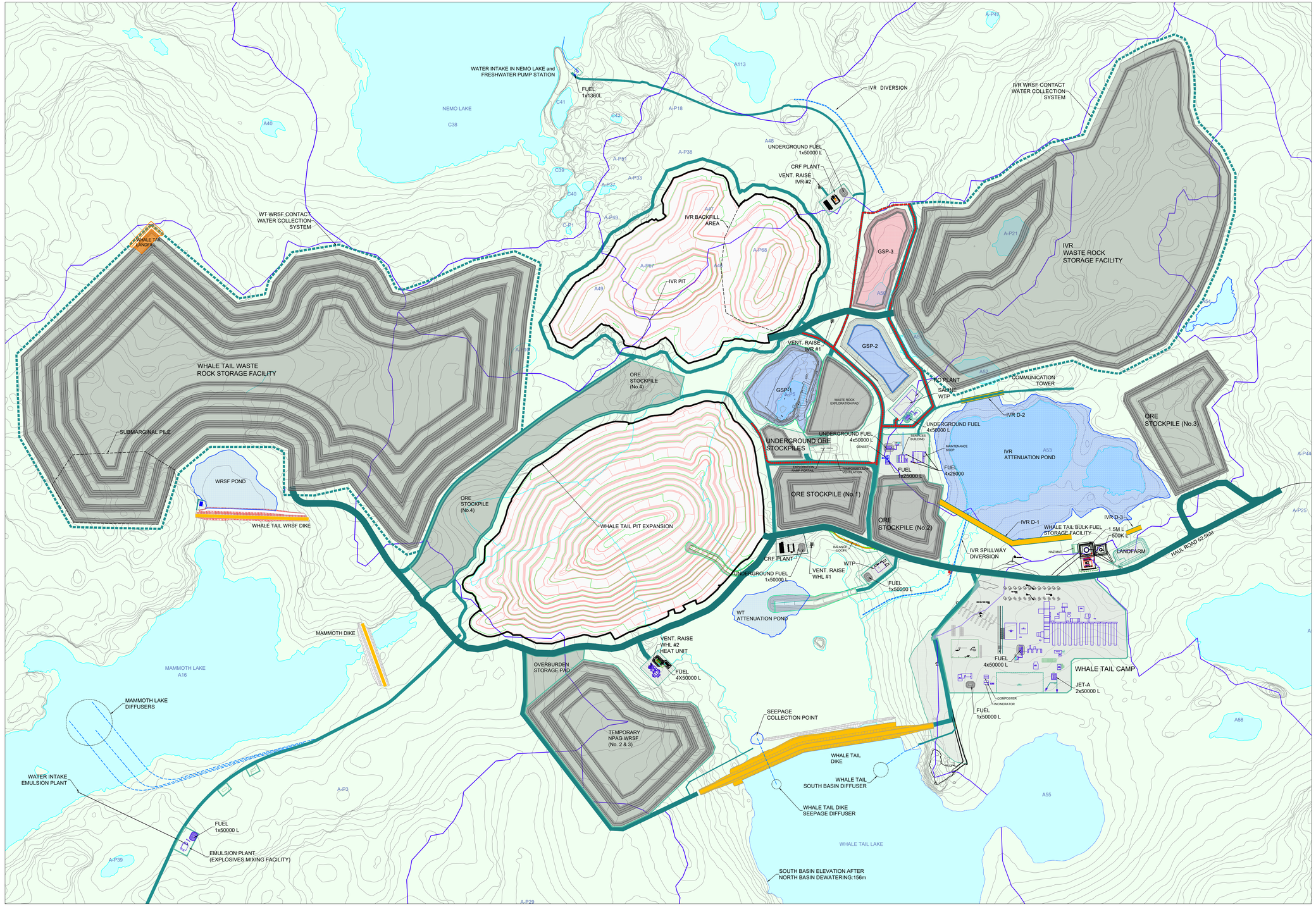


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210 GENERAL ARRANGEMENT
AMARUQ MINE SITE ARRANGEMENT
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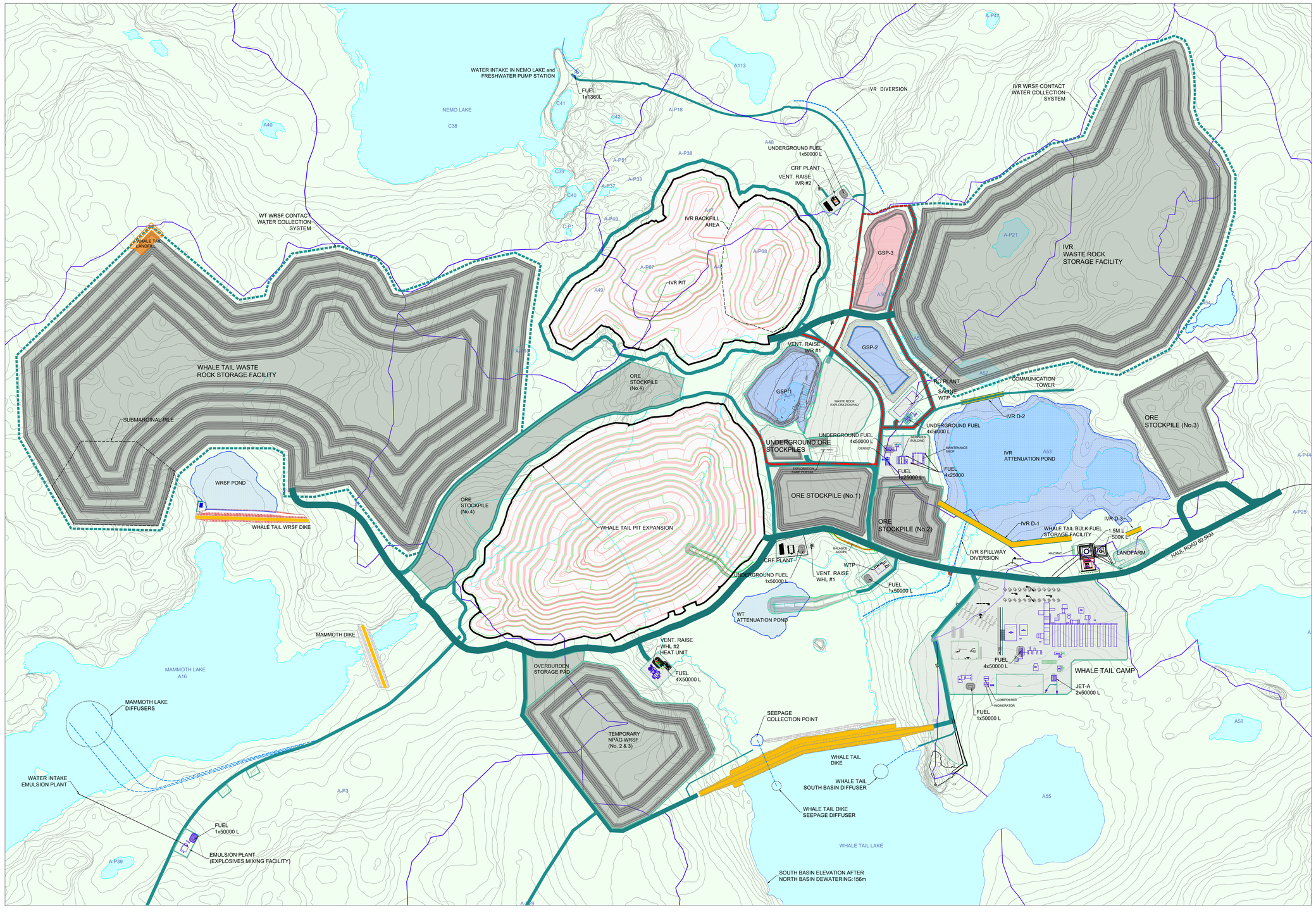


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AGNICO EAGLE DATE : 2019-05-06

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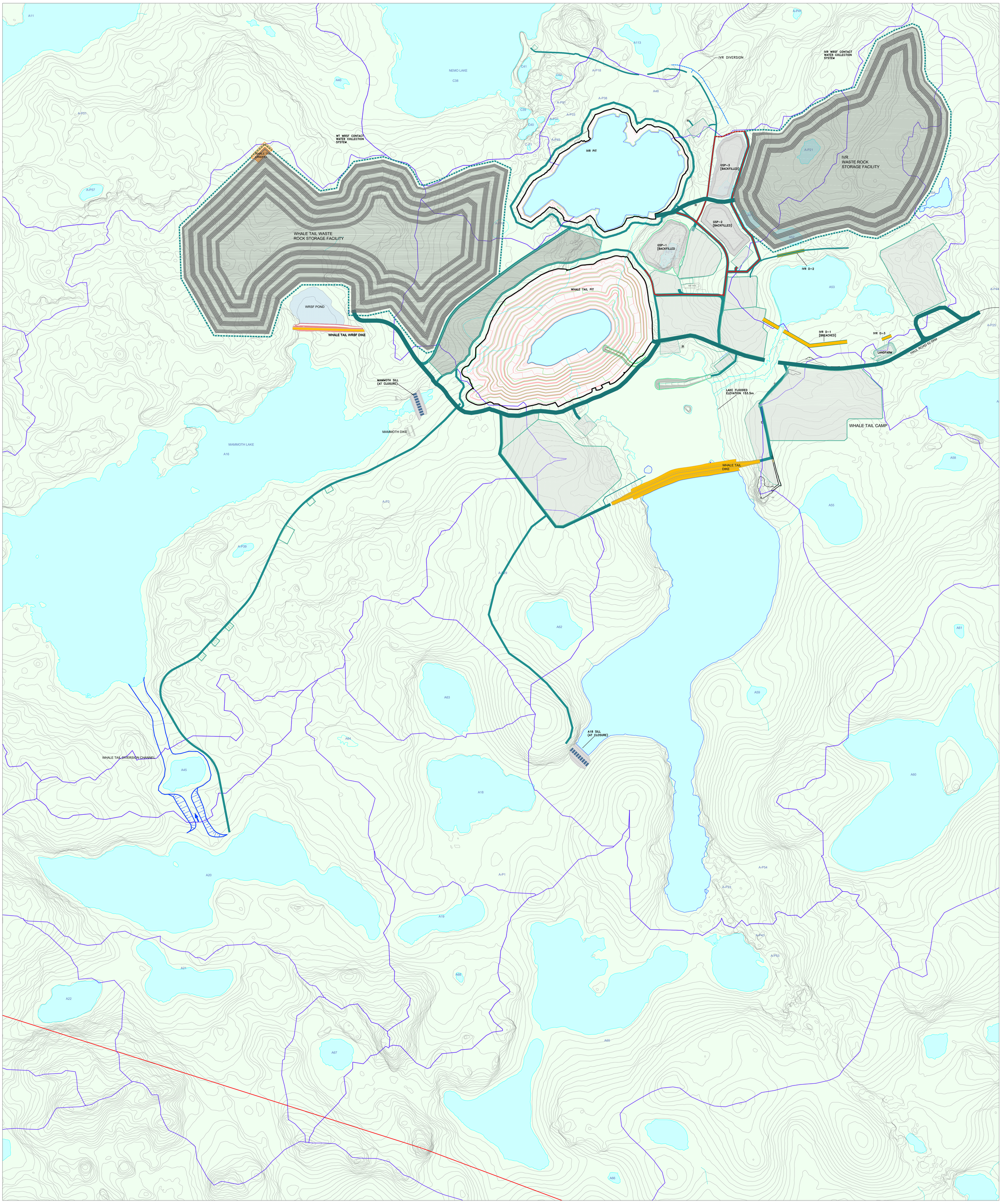


LEGEND

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- ATTENUATION POND
- LAKE WATER
- OPEN PIT
- HAUL ROAD, LARGE WIDE
- HAUL ROAD, SINGLE LANE
- SERVICE ROAD
- ROAD, SALT PROTECTION
- ROCK PILE
- WATER POND
- PAD
- BUILDING
- SILL
- WEIR

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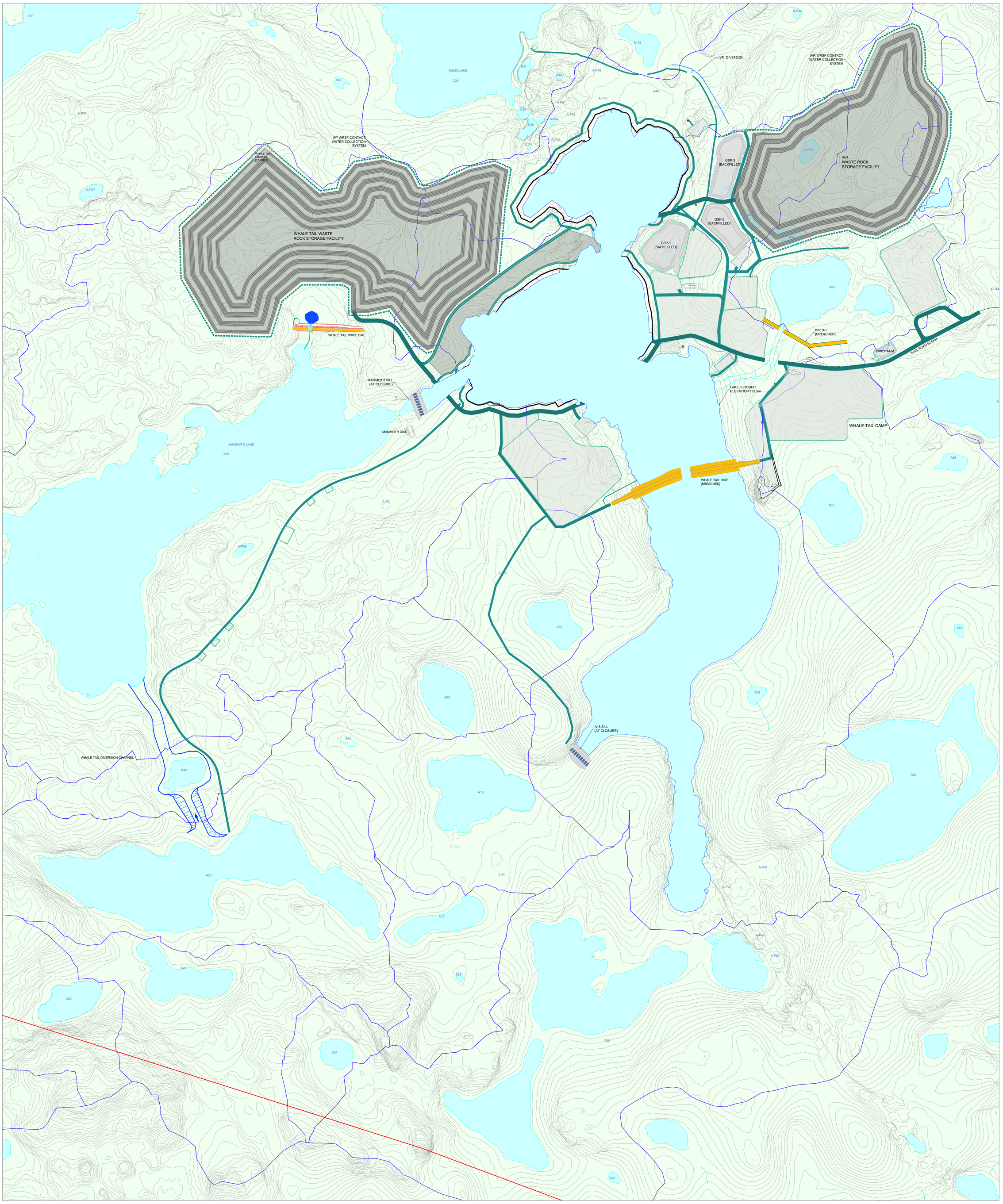


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**APPENDIX C**

# Pit and Underground Elevation-Storage-Area Relationships

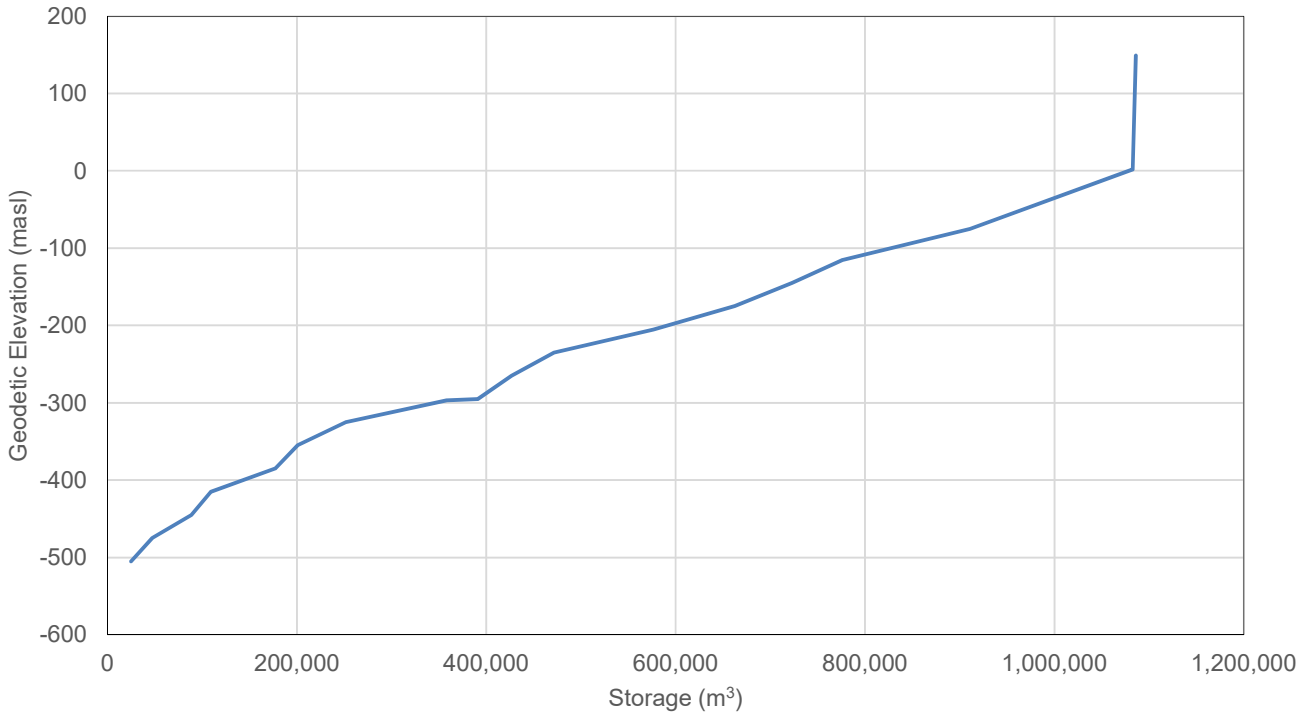


**Figure C-1: Derived Elevation-Storage Relationship (Underground Mine [Whale Tail])**

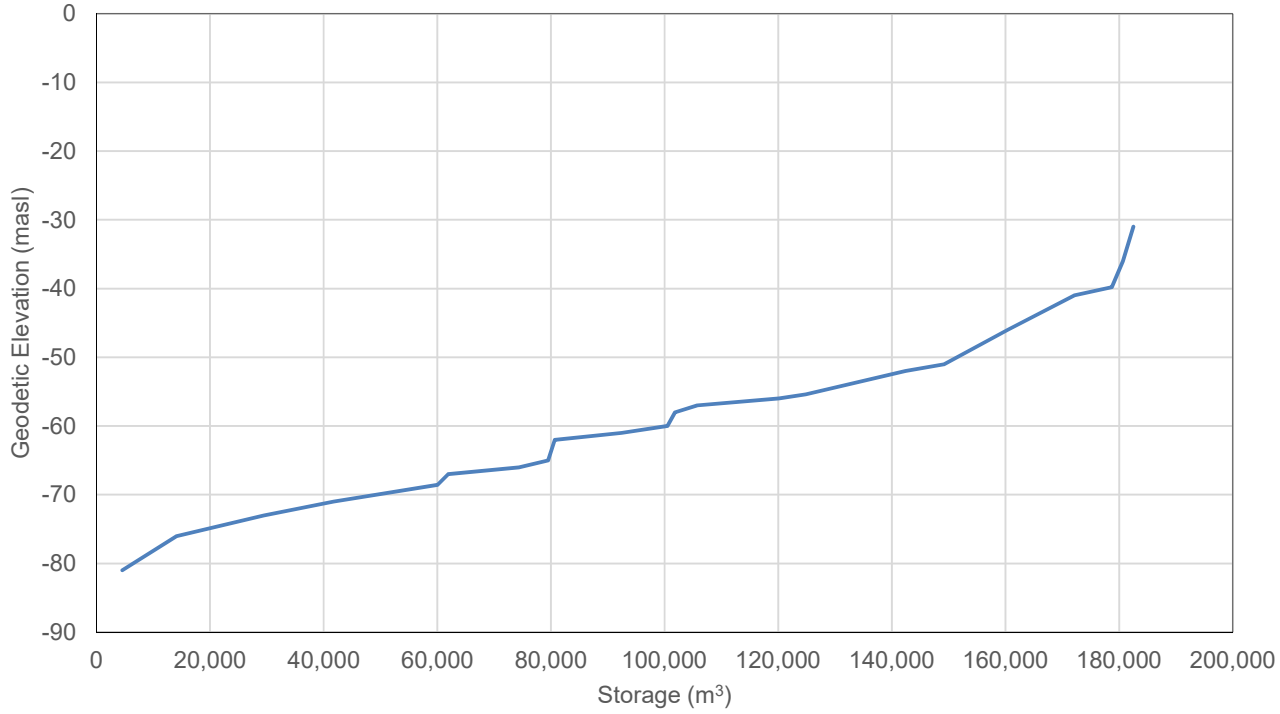


**Figure C-2: Derived Elevation-Storage Relationship (Underground Mine [IVR])**

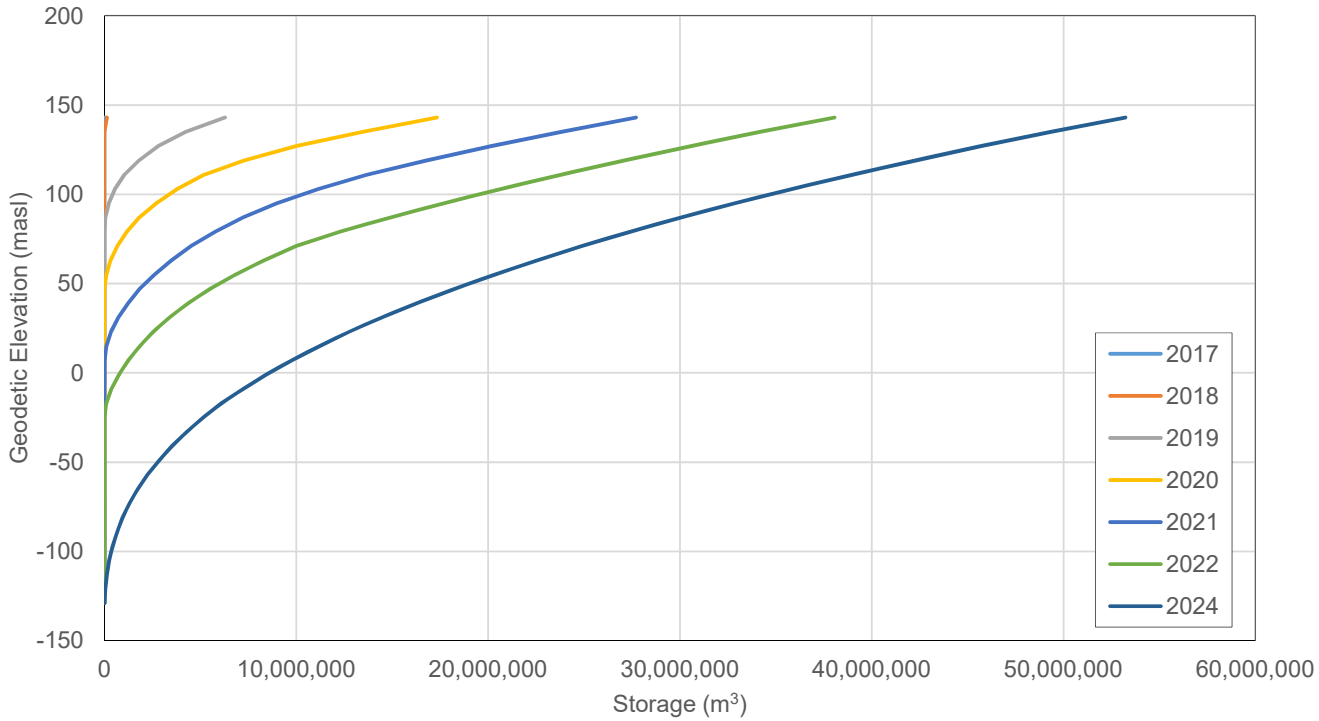


**Figure C-3: Derived Elevation-Storage Relationship (Whale Tail Pit)**

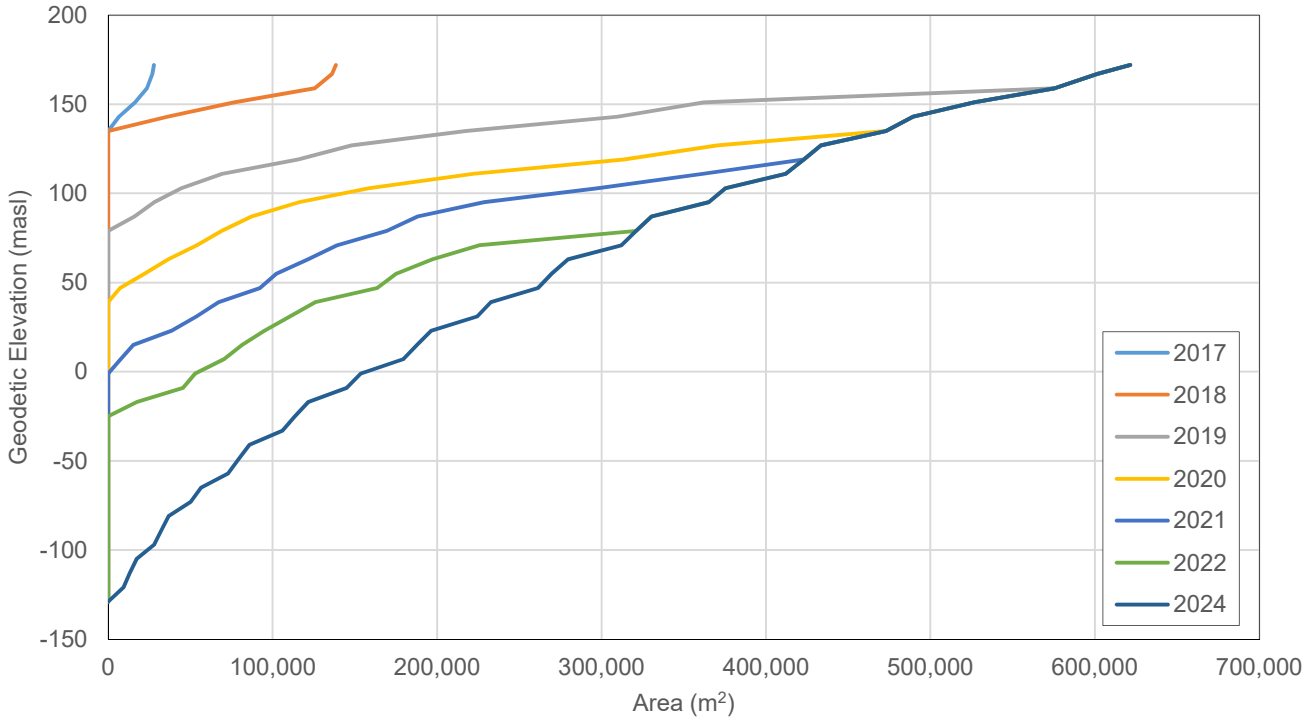


**Figure C-4: Derived Elevation-Area Relationship (Whale Tail Pit)**

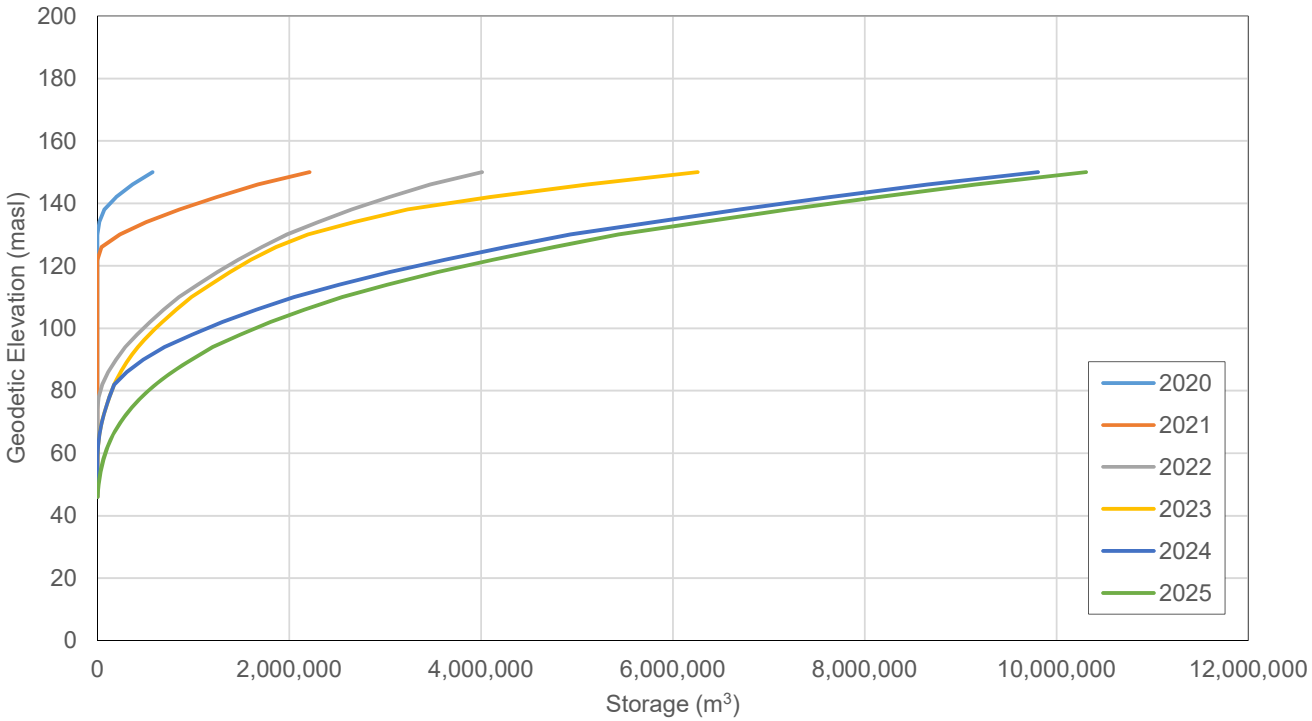


**Figure C-5: Derived Elevation-Storage Relationship (IVR Pit)**

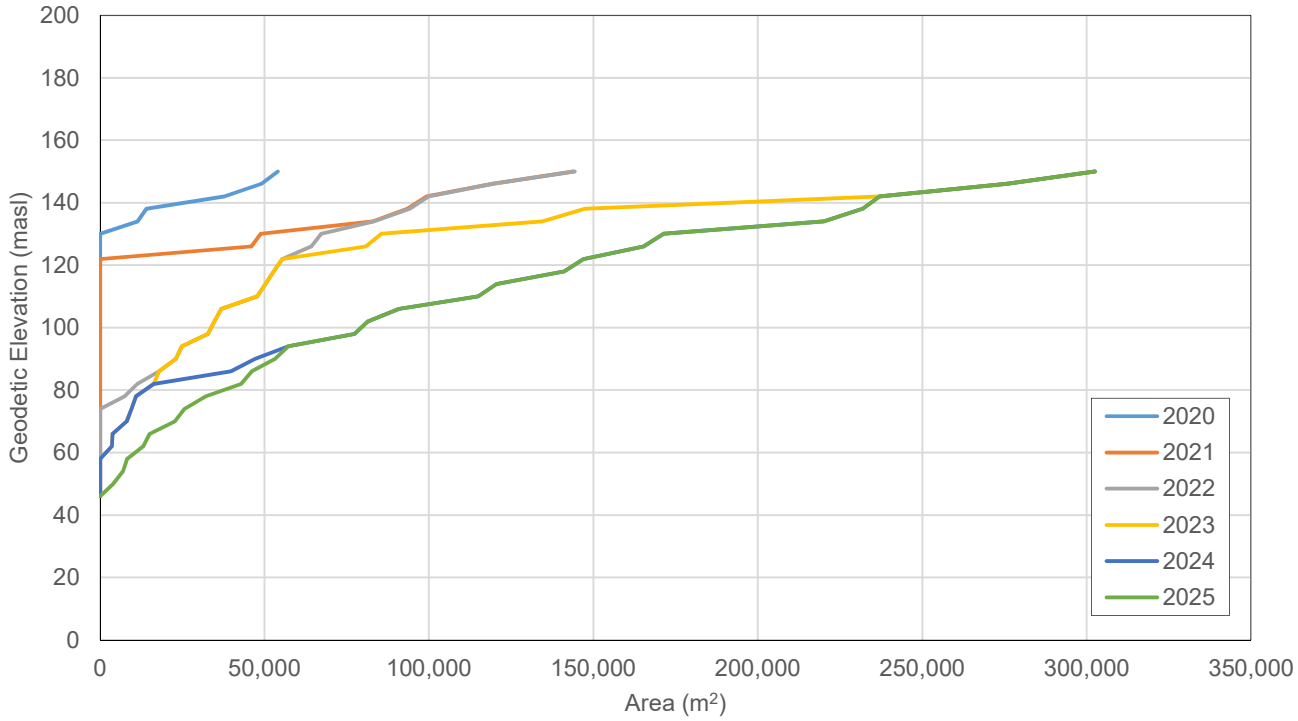


**Figure C-6: Derived Elevation-Area Relationship (IVR Pit)**

**APPENDIX D**

# Pond Elevation-Storage-Area Relationships

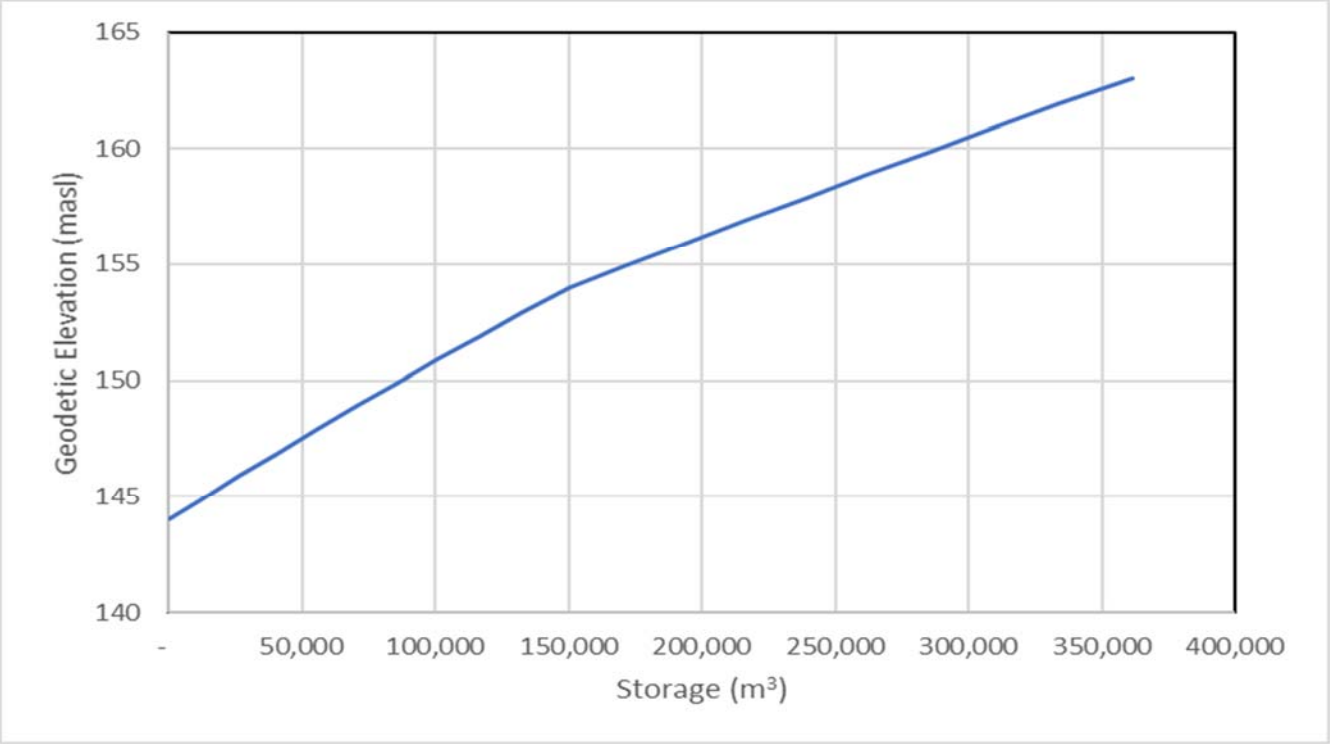


**Figure D-1: Derived Elevation-Storage Relationship – GSP-1**

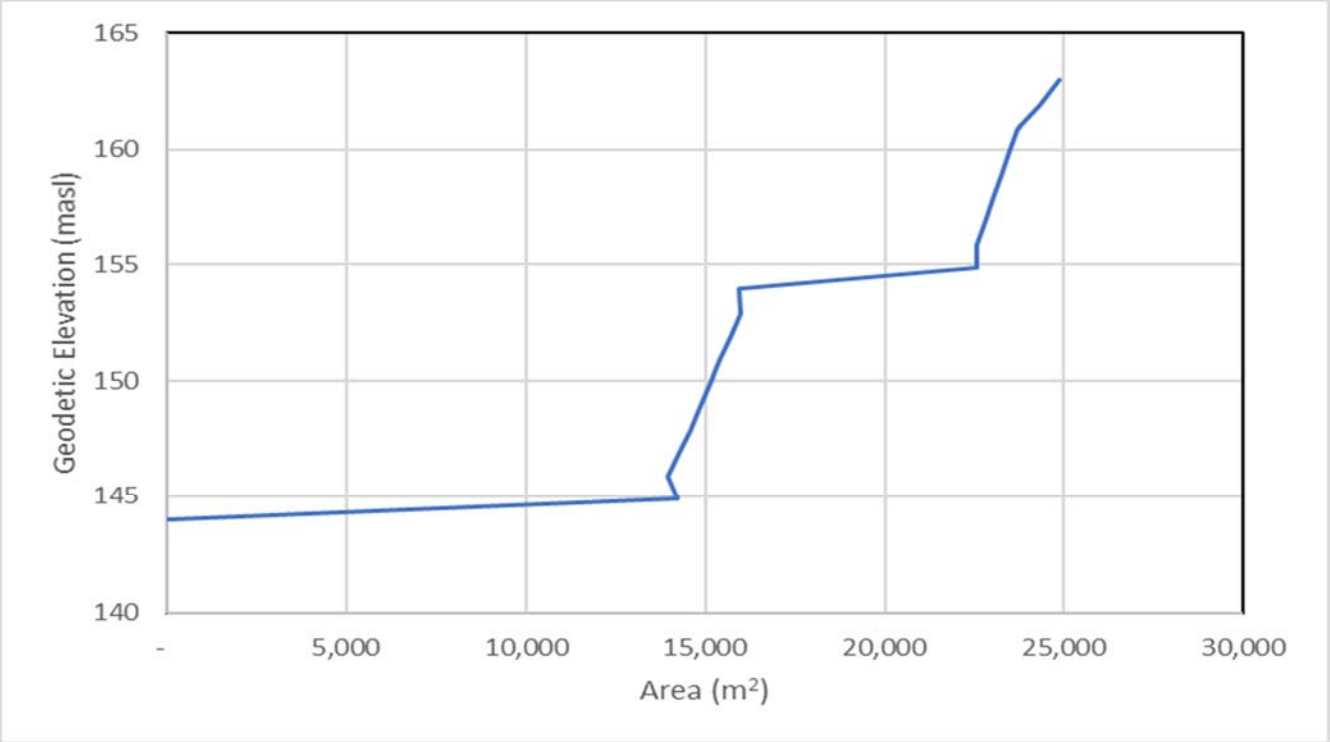


**Figure D-2: Derived Elevation-Area Relationship - GSP-1**

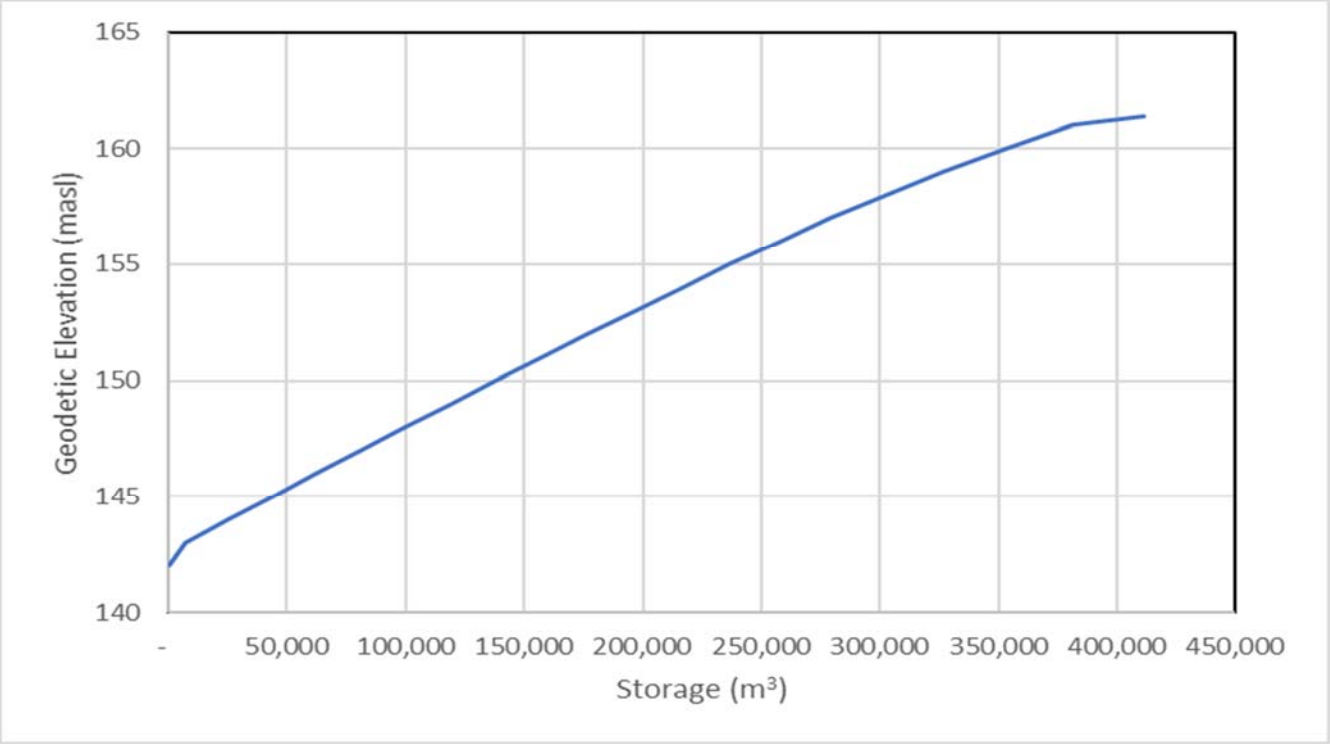


**Figure D-3: Derived Elevation-Storage Relationship – GSP-2**

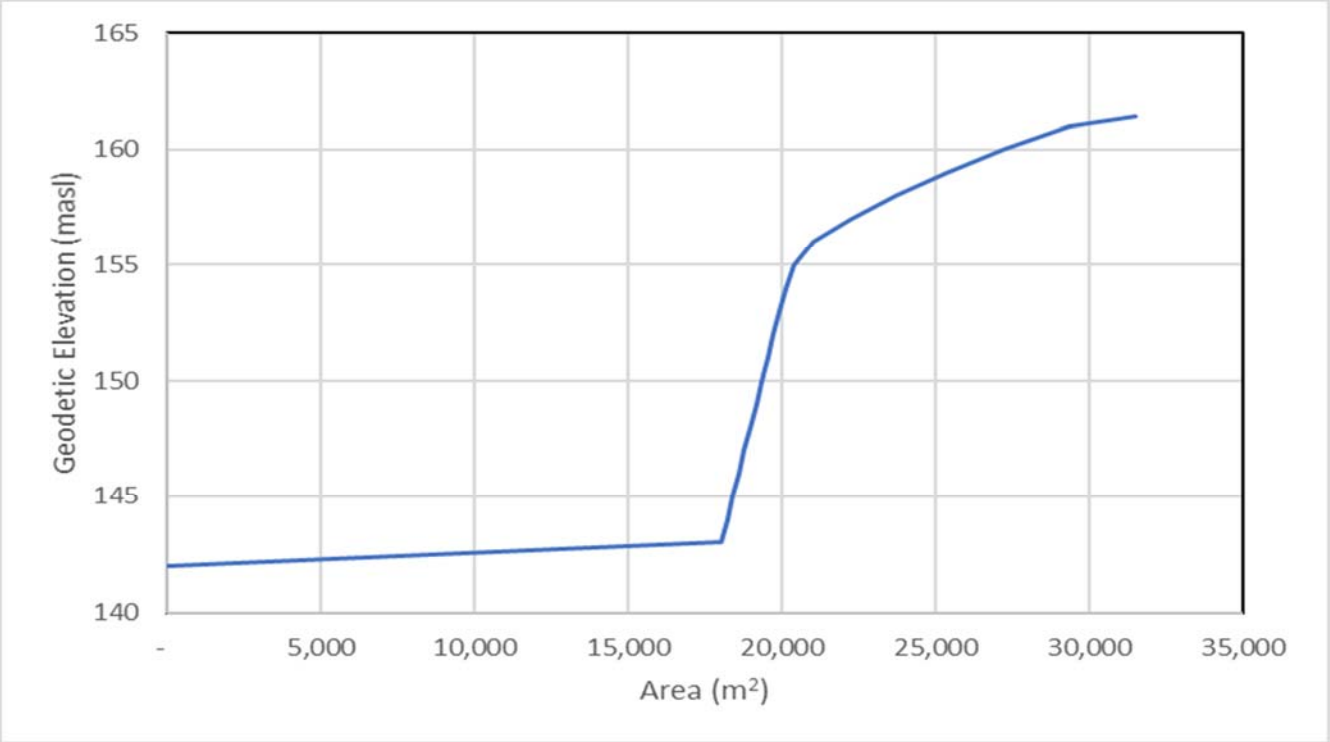


**Figure D-4: Derived Elevation-Area Relationship – GSP-2**

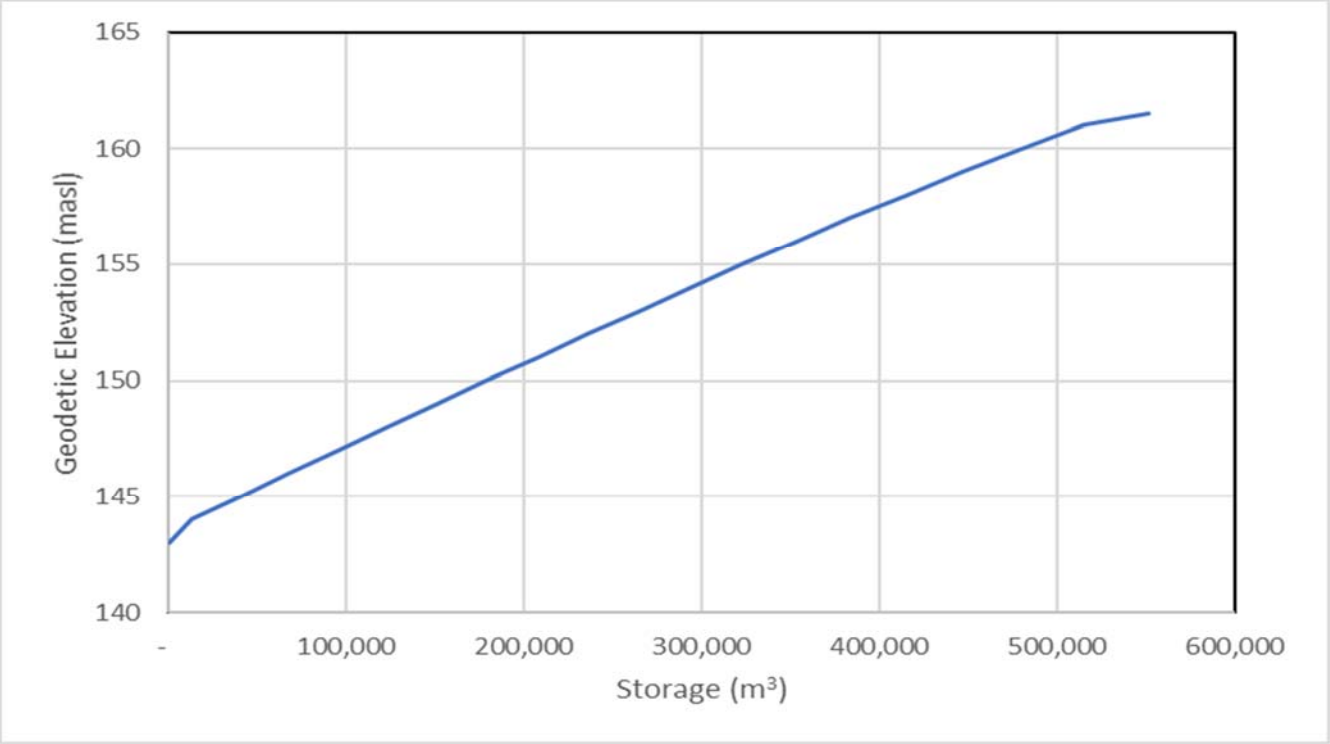


**Figure D-5: Derived Elevation-Storage Relationship – GSP-3**

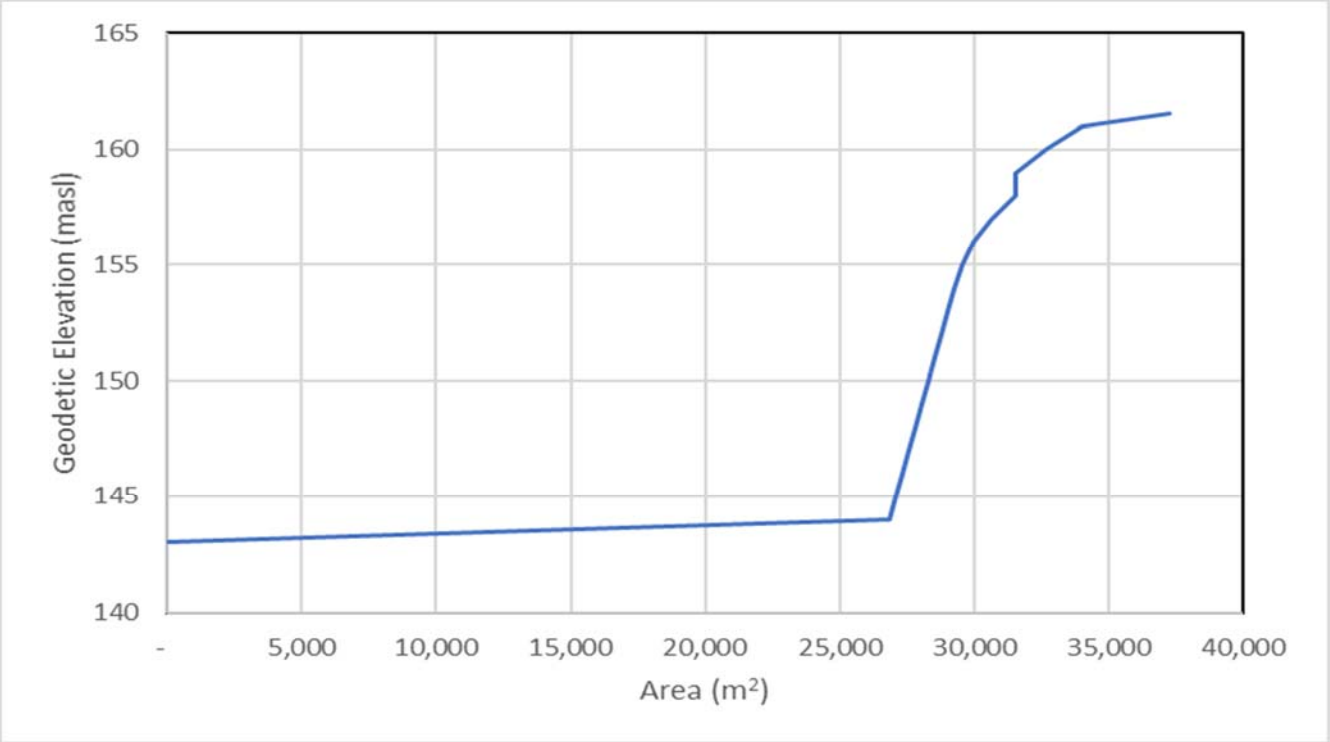


**Figure D-6: Derived Elevation-Area Relationship – GSP-3**

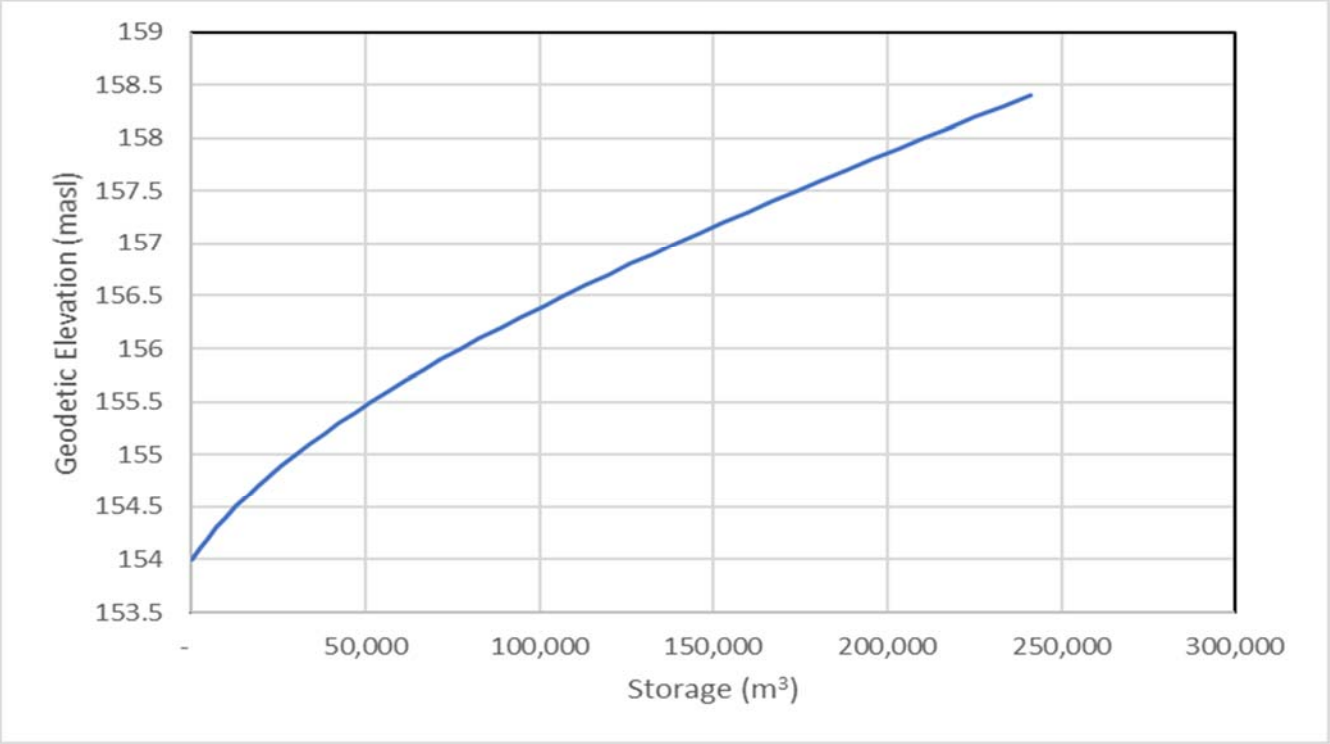


**Figure D-7: Derived Elevation-Storage Relationship (Whale Tail WRSF Pond)**

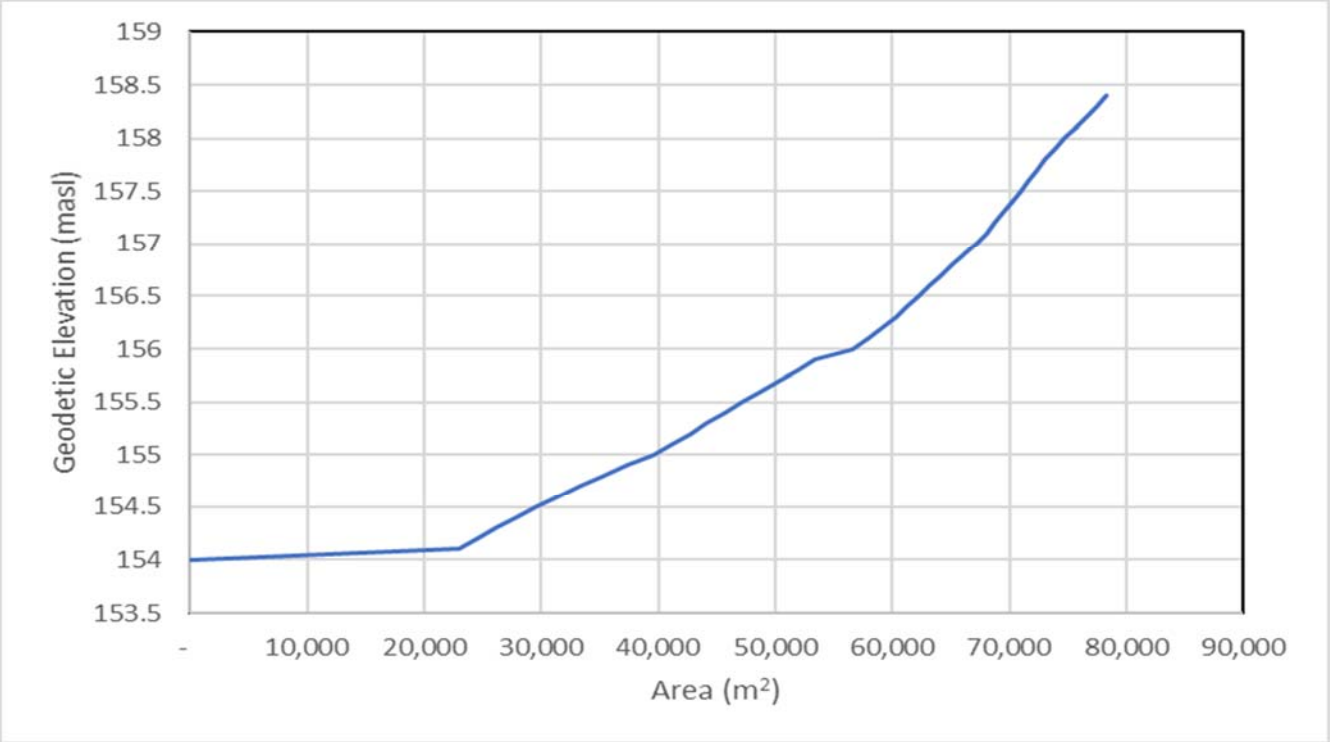


**Figure D-8: Derived Elevation-Area Relationship (Whale Tail WRSF Pond)**

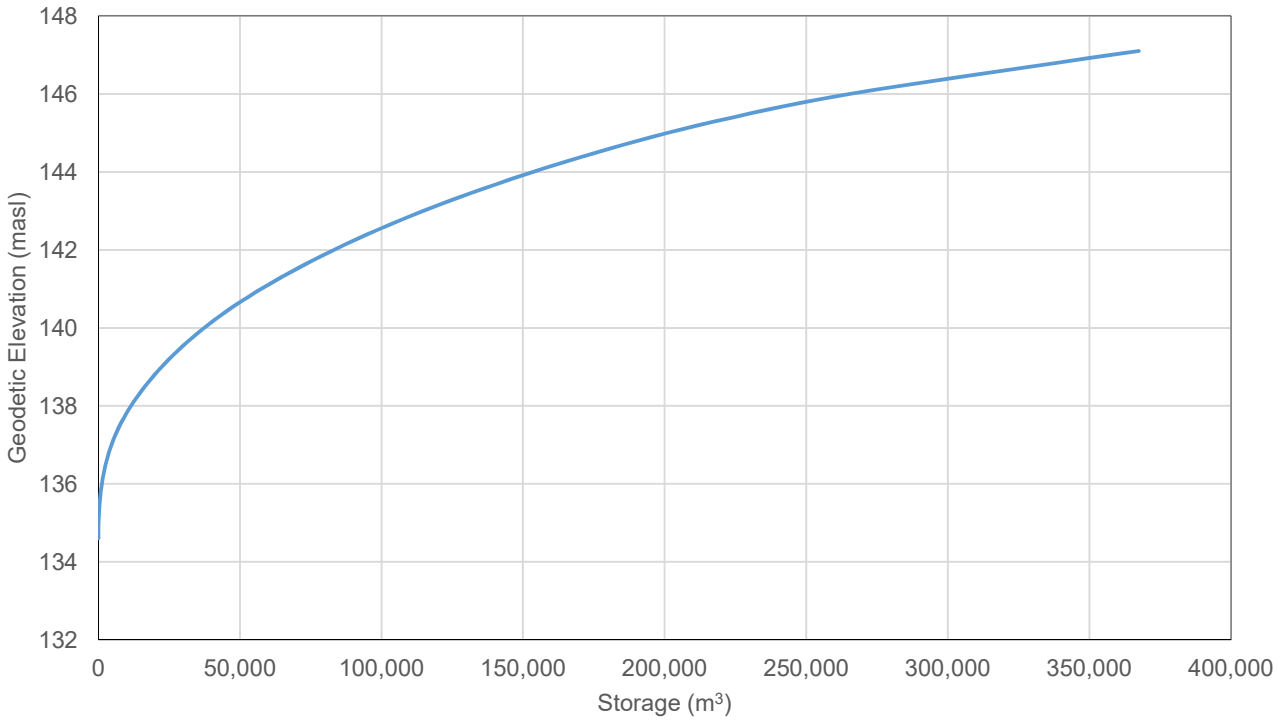


**Figure D-9: Derived Elevation-Storage Relationship (Whale Tail Attenuation Pond)**

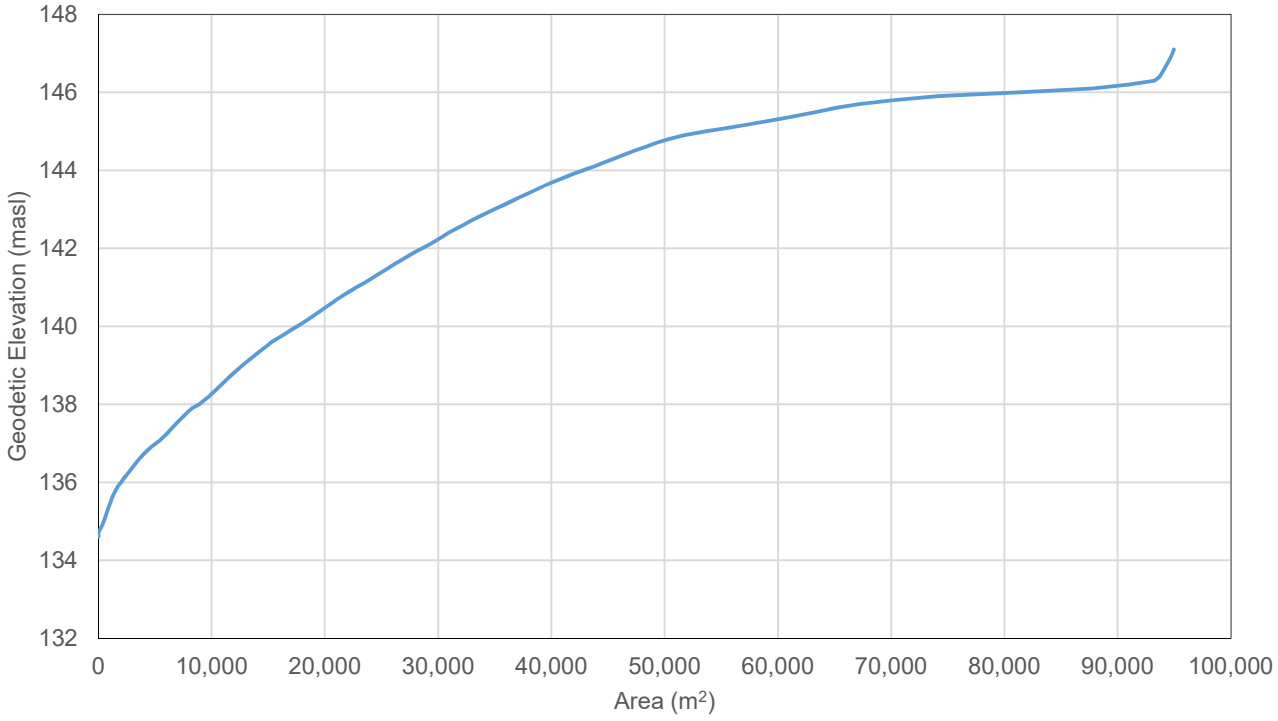


**Figure D-10: Derived Elevation-Area Relationship (Whale Tail Attenuation Pond)**

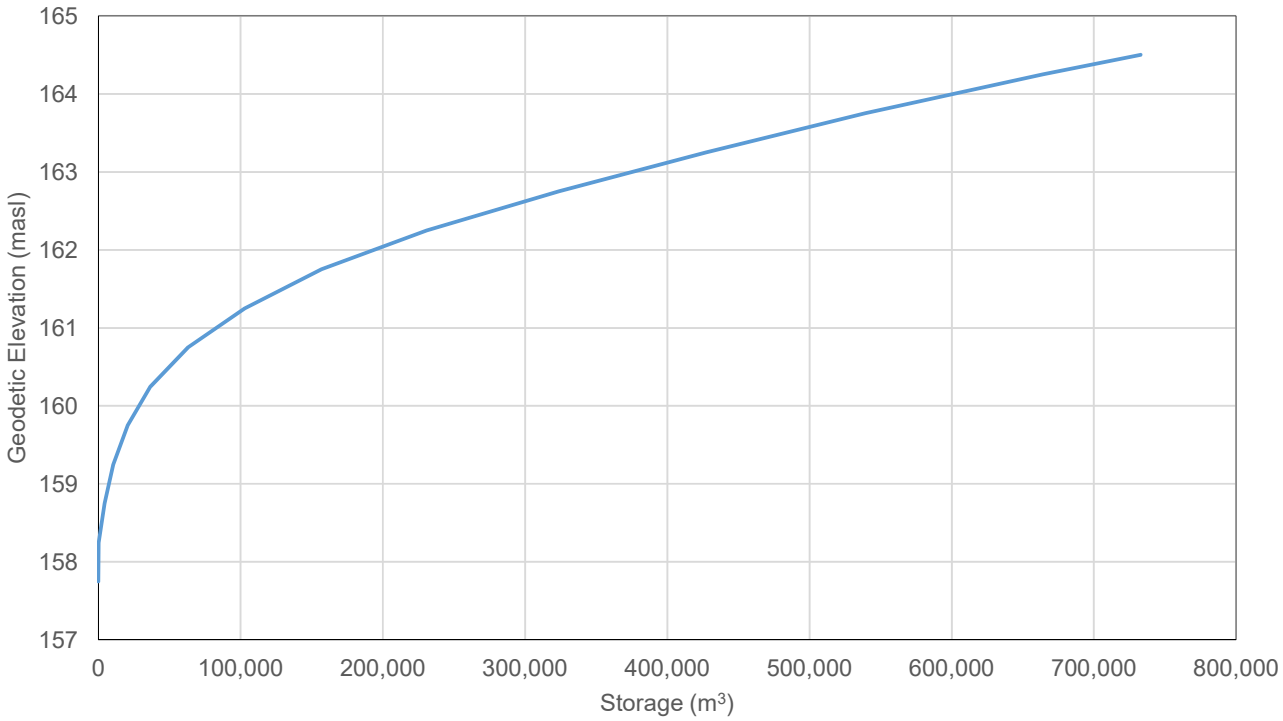


**Figure D-11: Derived Elevation-Storage Relationship (IVR Attenuation Pond)**

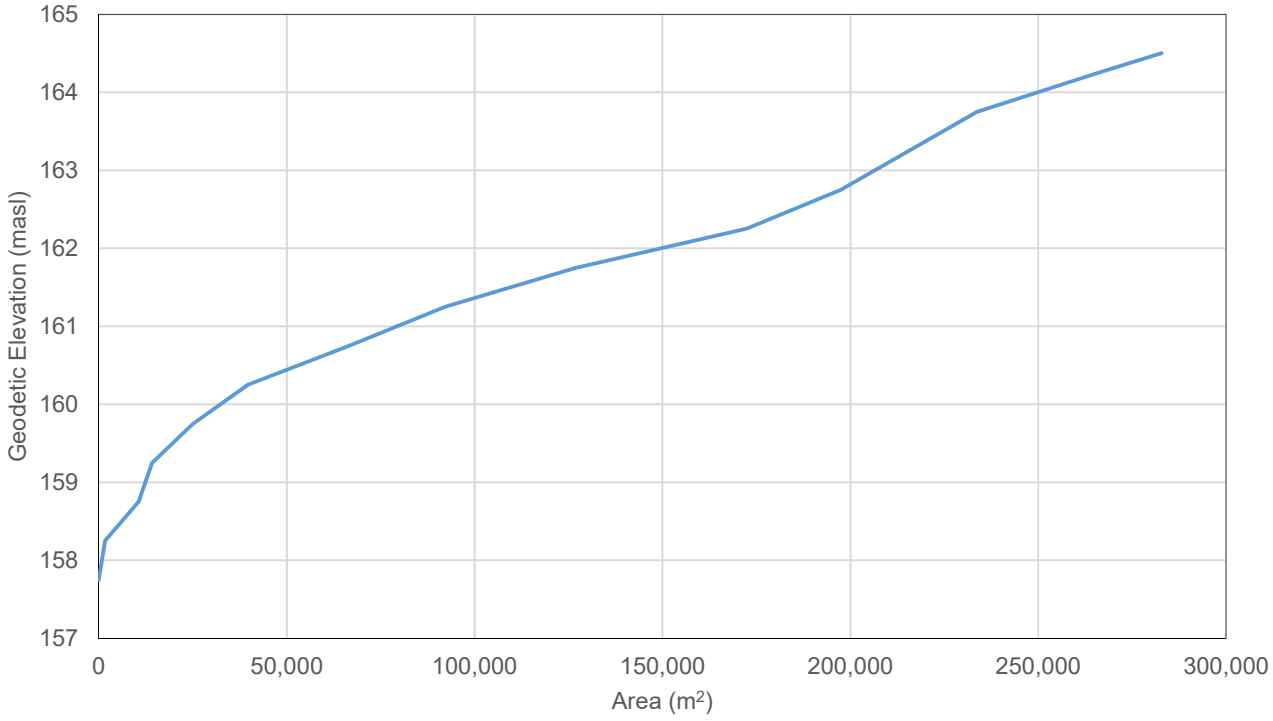


**Figure D-12: Derived Elevation-Area Relationship (IVR Attenuation Pond)**

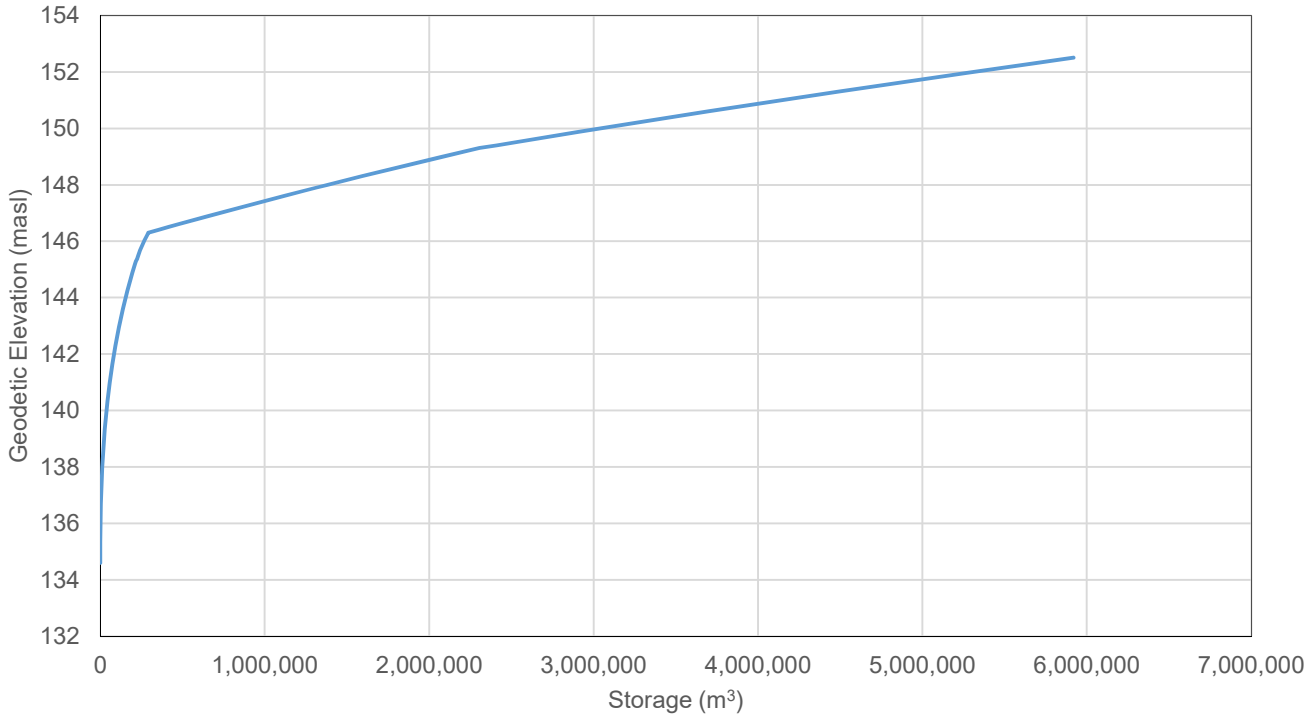


**Figure D-13: Derived Elevation-Storage Relationship (Whale Tail Lake [North Basin] above the Whale Tail Attenuation Pond)**

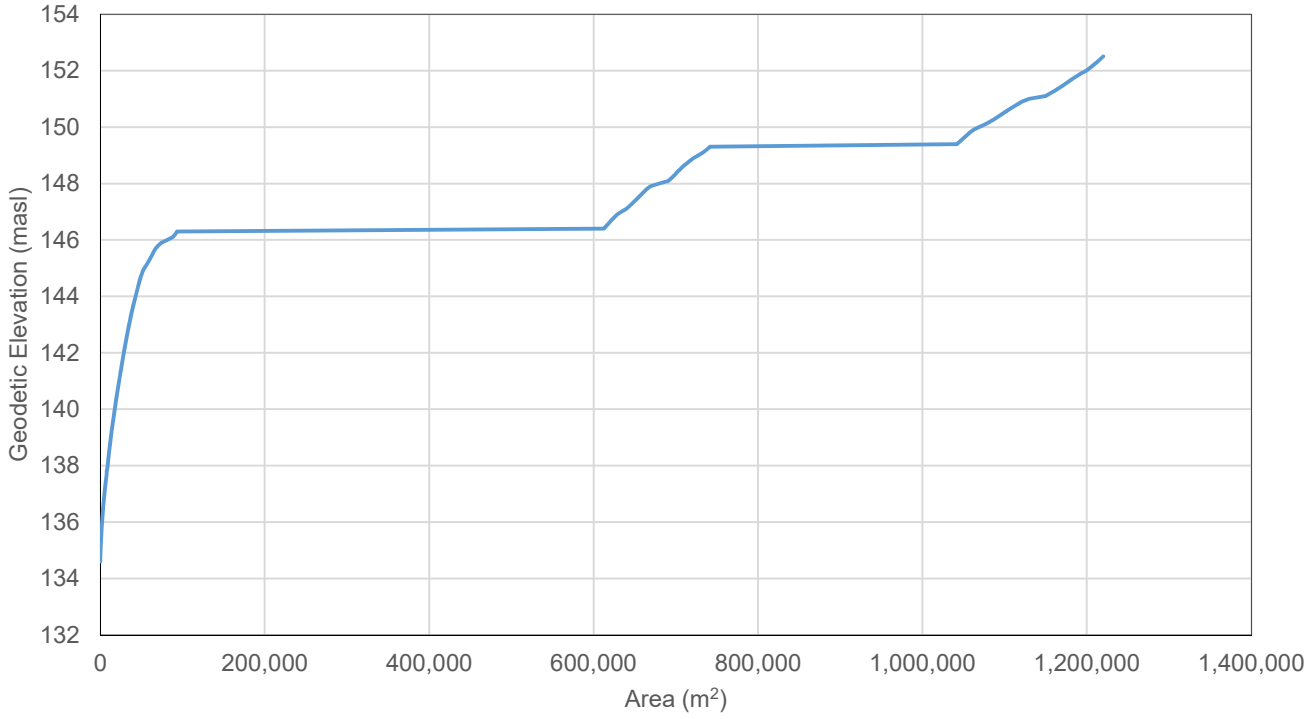


**Figure D-14: Derived Elevation-Area Relationship (Whale Tail Lake [North Basin] above the Whale Tail Attenuation Pond)**

**APPENDIX E**

# O'Kane Landform Water Balance Modelling of Whale Tail and IVR WRSF

O'Kane Consultants

*Integrated Mine Waste Management and Closure Services*
*Specialists in Geochemistry and Unsaturated Zone Hydrology*

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# Memorandum

| | |
|---|---|
| ***To:*** | Michel Groleau – Nunavut Permitting Lead, Agnico Eagle Mines Ltd. |
| ***From:*** | Gillian Allen, Geoenvironmental Engineer |
| ***Cc:*** | Jenyfer Mosquera – Agnico Eagle Mines Ltd. |
| ***Our ref:*** | 948-011-M-006 Rev3 |
| ***Date:*** | May 10, 2019 |
| ***Re:*** | **Agnico Eagle Mines Ltd. - Landform Water Balance Modelling of Whale Tail and IVR WRSF** |

O'Kane Consultants Inc. (Okane), is currently undertaking thermal modelling of the waste rock storage facilities (WRSFs) at Agnico Eagle Mines Ltd.'s (AEM's) Amaruq project. Thermal modelling will assist in developing the expected seasonal active layer thickness under climate change conditions, as well as determine if permafrost conditions within the WRSFs are sustainable under climate change conditions. The ultimate objective of the project is to demonstrate the physical and chemical stability of the Whale Tail and IVR WRSFs while optimizing risk and cost for AEM.

As part of this objective, a landform water balance was completed, including estimates of runoff, interflow, and basal seepage rates for different slopes and aspects of the WRSF (if applicable). The following memorandum summarizes the results of the landform water balance. A separate detailed modelling report summarizes specific modelling background and methodology (Okane, 2019[1]).

## Conceptual Hydrologic Model of Amaruq WRSFs

The following summarizes the conceptual model of the hydrologic regime at the Whale Tail and IVR WRSFs:

- The existing proposed thermal cover system (4.7 m of NAG/NML material) is not expected to promote runoff / interflow from the cover system due to sufficient infiltration capacity of the waste rock and cover system materials as a result of the expected coarse texture of materials.
- High infiltration rates will result in gradually (over several years) increasing interflow and/or basal flow reporting to WRSF collection ponds as the WRSF is constructed and reaches its final extent.
- Slopes are expected to be more susceptible to infiltration entering waste rock prior to freeze back compared to the plateau.

[1] O'Kane Consultants Inc. 2019. Agnico Eagle - Detailed Thermal Modelling Report for the Whale Tail and IVR WRSFs – DRAFT.

- Cover system material (NAG/NML) is expected to experience less weathering compared to Portage (increase in fines) due to lithology (greywacke vs. ultramafic) resulting in higher long-term infiltration rates and higher propensity for convective cooling compared to Portage.

- Decreased reactivity in NAG waste rock is expected to result in decreased arsenic load generation (but not zero load generation).

- Any interflow / runoff from the thermal cover system is not expected to report to collection ponds as 'plug flow' due to the variance in transit times across the landform. Put simply, incident precipitation at the toe of the WRSF will report to water collection systems much sooner than precipitation which lands on the plateau of the landform. Any contaminants of potential concern present within the thermal cover system material (eg. Arsenic), will therefore also be released gradually.

- Gradual decrease in arsenic loading over time is expected due to the hydrology of WRSFs.

- The thermal and hydrologic regimes are expected to be different based on North and South aspect.

## Methodology

GeoStudio Version 10[2] was used to conduct the modelling for this project. This version of GeoStudio is a substantial upgrade to previous versions software as it is able to account for advective air flow as well as gas consumption due to mineral oxidation within the WRSF and associated heat generation via an add-in module developed for the software. Four components of the GeoStudio suite of programs were used in combination for this project: SEEP/W; TEMP/W; AIR/W, and CTRAN/W (with the gas consumption and exothermic reactions add-in incorporated into the CTRAN analysis).

Models representative of selected locations of thermistor strings at Meadowbank's Portage WRSF were simulated for the same period of time as the thermistor strings have been operational. The model results were then compared to the field data to determine that the model reasonably estimated field thermal conditions. Material inputs for the model were calibrated to provide a reasonable comparison to the field data. A detailed description of all material inputs can be found in the detailed thermal modelling report (Okane, 2019).

Following the one-dimensional calibration described above, a two-dimensional (2-D) cross section was developed (Figure 1) to determine the main factors promoting and inhibiting freeze-back of and seepage (amount and timing) from the WRSFs. The existing 4.7 m cover system design was modelled as the base case. Models consider coupled gas, heat, water, and air transfer processes. Additionally, the models account for the exothermic oxidation of sulphide materials. Therefore, TEMP/W, SEEP/W, and AIR/W components of the GeoStudio software suite were used in combination with the Gas Consumption and Exothermic Reactions add-in module GEOSLOPE developed with Okane to simulate sulphide oxidation.

[2] GEOSLOPE, 2018. GeoStudio 2019. Online. https://www.geoslope.com

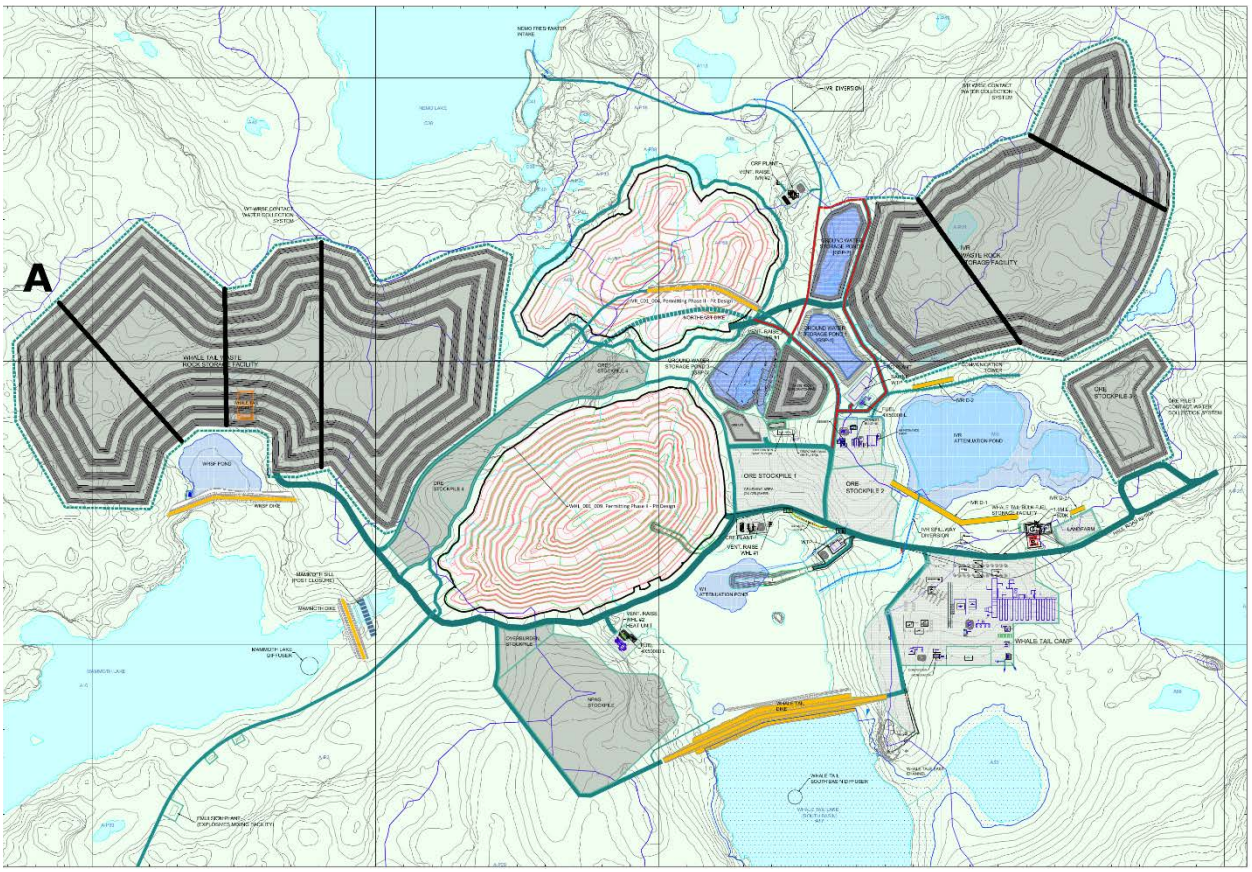


Figure 1: Location of the cross section 'A" used in modelling.

In order to capture the effects of construction on the landform water balance, the cross section modelled was 'built-up' in three-month intervals, according to the construction schedule provided (AEM, 2018[3]).

## Results

### Surface Water Balance

A summary of the surface water balance for the Amaruq WRSFs is provided in Table 1. This summarized the volume of annual runoff expected from the landforms as a percentage of incident precipitation (both snow and rainfall). Results of the surface water balance support the conceptual model that the hydrologic regimes are expected to be different based on North and South aspect. Generally, higher net radiation results in greater evaporation and soil heating. With more evaporation, less water is available to runoff and/or infiltrate. Higher net radiation will also result in more sublimation, as more energy is available to convert snow into water vapour.

[3] Agnico Eagle. 2018. Agnico Eagle – Meadowbank Division Amaruq Mine Project 005 – Site Preparation 210 General Arrangement Amaruq Mine Site Arrangement Permitting Dwg, 2019Q4 v7, 2020Q4 v7, 2021Q4 v7, 2022Q4 v7, 2023Q4 v7, 2025Q4 v7, & AFTER MINE v7. October 18, 2018.

Table 1: Summary of average surface water balance for different aspects of the WRSF.

| Water Balance Parameters | Plateau | SE Aspect | NW Aspect |
|---|---|---|---|
| Total Precipitation (mm) | 296 mm | 296 mm | 296 mm |
| Rainfall (% of Total Precipitation) | 55-60% | 55-60% | 55-60% |
| Snow (% of Total Precipitation) | 40-45% | 40-45% | 40-45% |
| Actual Evaporation (% of Total Precipitation) | 25-30% | 30-35% | 25-30% |
| Runoff (% of Total Precipitation) | <5% | <5% | 10-15% |
| Net Percolation (% of Total Precipitation) | 30-35% | 25-30% | 20-25% |
| Sublimation (% of Total Precipitation) | 35-40% | 40-45% | 40-45% |

In order to simplify runoff outputs from the surface water balance, the runoff values for each aspect were weighted based on the relative area represented by each aspect. This results in an overall runoff rates from the Whale Tail and IVR WRSFs of approximately 5% of incident precipitation. Runoff was assumed to interact with surficial materials to a depth of 30 cm.

The surficial materials interacting with landform runoff will change over time as progressive reclamation is completed. Table 2 and Table 3 summarize the relative percentage of runoff expected to interact directly with the cover system material and waste rock material over time.

Table 2: Relative amount of runoff from bare waste rock vs cover system materials at the Whale Tail WRSF.

| Year | Percentage of Runoff from Bare Waste Rock | Percentage of Runoff from Cover System |
|---|---|---|
| 2019 | 100% | 0% |
| 2020 | 82% | 18% |
| 2021 | 82% | 18% |
| 2022 | 71% | 29% |
| 2023 | 71% | 29% |
| 2024 | 61% | 39% |
| 2025 | 0% | 100% |

Table 3: Relative amount of runoff from bare waste rock vs cover system materials at the IVR WRSF.

| Year | Percentage of Runoff from Bare Waste Rock | Percentage of Runoff from Cover System |
|---|---|---|
| 2021 | 50% | 50% |
| 2022 | 50% | 50% |
| 2023 | 75% | 25% |
| 2024 | 75% | 25% |
| 2025 | 0% | 100% |

The majority of runoff from the WRSFs is expected to occur as a result of spring melt, however some runoff is expected throughout the unfrozen period. The distribution of runoff by month is provided in Table 4.

Table 4: Runoff distribution by month for the Whale Tail and IVR WRSF.

| Month | Percent of Total Annual Runoff by Month (%) |
|---|---|
| January | 0% |
| February | 0% |
| March | 0% |
| April | 0% |
| May | 0% |
| June | 85-90% |
| July | 5-10% |
| August | 5-10% |
| September | <5% |
| October | 0% |
| November | 0% |
| December | 0% |

**Basal Seepage**

The high infiltration capacity of the cover system materials and waste rock materials result in a propensity for incident precipitation to result in infiltration, rather than runoff (Table 1). As water infiltrates into the surficial materials, net percolation flows vertically through the WRSF, eventually freezing back at depth. The base layer of the WRSF is consistently frozen from the time of placement. As a result, basal seepage from the landform is negligible.

**Interflow**

There is some lateral flow of water within the cover system on the angle of repose slopes (known as interflow), however, lateral flow infiltrates vertically in zones of enhanced infiltration along the toe of each bench of the WRSF. This is shown conceptually in Figure 2.

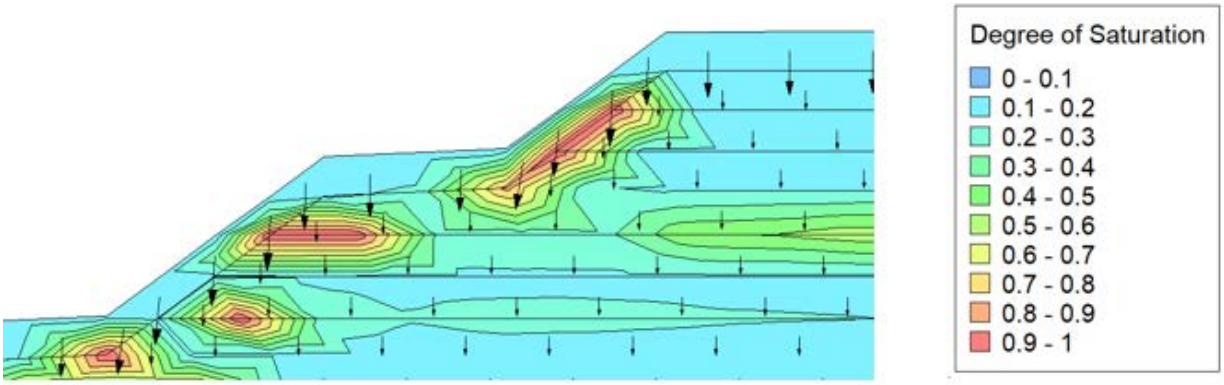


Figure 2: Sketch of hydrologic regime of the Whale Tail WRSF near surface with water flow vectors (black) shown.

A small portion (less than 1%) of incident precipitation over the entire landform(s) is expected to exit the landform as interflow. This occurs when infiltration occurs along the slope of the lowest bench of the WRSF. This flow path interacts with the entire 4.7 m depth of the cover system, along a maximum flow path of approximately 10 m. Interflow does not interact with the potentially acid generating and metal leaching waste rock.

We trust information provided in this memorandum is satisfactory for your requirements. Please do not hesitate to contact me at 306-713-1568 or gallen@okc-sk.com should you have any questions or comments.

**APPENDIX F**

# Annual Water Balance

**QUARRY 1**

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$/mon | $m^3$ | m |
| Date | Quarry Runoff | Natural Runoff | Quarry 1 Groundwater | Starter Pit | Whale Tail WRSF | Truck Shop | Ore Stockpile | Overburden | Industrial Sector (minus ore stockpiles) | Camp Sector | Drilling Water | Ore_4_Runoff | NPAG_outflow_to_Quarry1 | Evaporation | To GSP-1 | Overflow | To O-WTP | Drill water losses | Pond Volume | Water Level |
| Jan-18 | - | - | - | - | - | 3,093 | - | - | - | - | 720 | - | - | - | - | - | - | - | 3,913 | 136 |
| Feb-18 | - | - | - | - | - | 2,887 | - | - | - | - | 672 | - | - | - | - | - | - | - | 7,472 | 138 |
| Mar-18 | - | - | - | - | - | 3,196 | - | - | - | - | 744 | - | - | - | - | - | - | - | 11,412 | 139 |
| Apr-18 | - | - | - | - | - | 3,093 | - | - | - | - | 720 | - | - | - | - | - | - | - | 15,225 | 140 |
| May-18 | - | - | - | - | - | 3,196 | - | - | - | - | 744 | - | - | - | - | - | - | - | 19,165 | 142 |
| Jun-18 | 930 | 3,377 | - | - | - | 3,093 | 1,143 | 1,962 | 14,757 | 23,178 | 1,047 | - | - | 75 | - | - | - | - | 68,576 | 147 |
| Jul-18 | 554 | 348 | - | 2,895 | 12,899 | 3,196 | 159 | - | 1,706 | 2,718 | 1,392 | - | - | 1,238 | - | - | - | - | 93,205 | 149 |
| Aug-18 | 753 | 438 | - | 3,591 | 17,740 | 3,196 | 257 | - | 2,346 | 3,794 | - | - | - | 1,532 | - | - | - | - | 123,788 | 151 |
| Sep-18 | 829 | 769 | - | 5,554 | 34,138 | 3,093 | 570 | - | 4,525 | 7,426 | - | - | - | 695 | - | - | - | - | 179,997 | 154 |
| Oct-18 | - | - | - | 1,488 | 1,152 | 3,196 | - | - | - | - | - | - | - | - | - | - | - | - | 185,833 | 154 |
| Nov-18 | - | - | - | 1,440 | - | 3,093 | - | - | - | - | - | - | - | - | - | - | - | - | 190,366 | 154 |
| Dec-18 | - | - | - | 1,151 | - | 3,196 | - | - | - | - | - | - | - | - | - | - | - | - | 194,714 | 155 |
| Jan-19 | - | - | - | 745 | - | 3,196 | - | - | - | - | - | - | - | - | - | - | - | - | 198,655 | 155 |
| Feb-19 | - | - | - | 672 | - | 2,887 | - | - | - | - | - | - | - | - | - | - | - | - | 202,213 | 155 |
| Mar-19 | - | - | - | 744 | - | 3,196 | - | - | - | - | - | - | - | - | - | - | - | - | 206,153 | 155 |
| Apr-19 | - | - | - | 720 | - | 3,093 | - | - | - | - | - | - | - | - | - | - | - | - | 209,966 | 155 |
| May-19 | - | - | - | 744 | - | 3,196 | - | - | - | - | - | - | - | - | - | - | - | - | 213,907 | 156 |
| Jun-19 | 340 | 414 | - | 2,363 | 12,870 | 558 | 811 | - | 2,006 | 4,029 | - | - | - | 36 | - | - | 237,261 | - | - | 135 |
| Jul-19 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 135 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-18 | 0 | 14,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 14,882 | 145 |
| Jul-18 | 0 | 2,212 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,428 | 0 | 0 | 0 | 0 | 0 | 15,666 | 145 |
| Aug-18 | 0 | 2,905 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,440 | 0 | 0 | 0 | 0 | 0 | 17,131 | 145 |
| Sep-18 | 0 | 4,964 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 556 | 0 | 0 | 0 | 0 | 0 | 21,539 | 146 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 | 0 | 21,408 | 146 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 0 | 0 | 21,277 | 146 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 0 | 0 | 0 | 0 | 21,142 | 145 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 275 | 0 | 0 | 0 | 0 | 20,868 | 145 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 138 | 0 | 0 | 0 | 0 | 20,730 | 145 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 0 | 0 | 0 | 0 | 20,578 | 145 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 | 0 | 20,430 | 145 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 152 | 0 | 0 | 0 | 0 | 20,278 | 145 |
| Jun-19 | 0 | 13,755 | 9 | 0 | 0 | 0 | 0 | 0 | 334 | 125 | 5 | 0 | 0 | 0 | 0 | 34,248 | 146 |
| Jul-19 | 0 | 2,043 | 1 | 0 | 0 | 0 | 0 | 0 | 46 | 1,425 | 0 | 0 | 0 | 0 | 0 | 34,913 | 146 |
| Aug-19 | 0 | 2,633 | 1 | 0 | 0 | 0 | 0 | 0 | 75 | 1,441 | 0 | 0 | 0 | 0 | 0 | 36,180 | 147 |
| Sep-19 | 0 | 4,361 | 0 | 0 | 0 | 0 | 0 | 0 | 166 | 560 | 0 | 0 | 0 | 0 | 0 | 40,147 | 147 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 | 0 | 40,000 | 147 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 147 | 0 | 0 | 0 | 0 | 39,853 | 147 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53,930 | 0 | 0 | 152 | 0 | 0 | 0 | 0 | 93,630 | 150 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29,708 | 0 | 0 | 249 | 0 | 0 | 0 | 0 | 123,089 | 152 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,023 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150,112 | 154 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,714 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 178,826 | 155 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,868 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206,694 | 156 |
| May-20 | 0 | 0 | 0 | 0 | 156 | 0 | 0 | 28,711 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 235,561 | 158 |
| Jun-20 | 0 | 11,198 | 31 | 0 | 2,520 | 0 | 0 | 926 | 898 | 132 | 0 | 241,002 | 0 | 0 | 0 | 10,000 | 145 |
| Jul-20 | 0 | 1,691 | 2 | 0 | 1,702 | 0 | 0 | 0 | 109 | 1,258 | 0 | 0 | 0 | 0 | 0 | 12,246 | 145 |
| Aug-20 | 0 | 2,220 | 2 | 0 | 1,755 | 0 | 0 | 0 | 157 | 1,441 | 0 | 0 | 0 | 0 | 0 | 14,939 | 145 |
| Sep-20 | 0 | 3,558 | 1 | 0 | 1,793 | 0 | 0 | 0 | 317 | 557 | 0 | 0 | 0 | 0 | 0 | 20,051 | 145 |
| Oct-20 | 0 | 0 | 0 | 0 | 1,412 | 0 | 4,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,963 | 146 |
| Nov-20 | 0 | 0 | 0 | 0 | 1,367 | 0 | 4,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,830 | 146 |
| Dec-20 | 0 | 0 | 0 | 0 | 1,412 | 0 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,892 | 147 |
| Jan-21 | 0 | 0 | 0 | 0 | 441 | 0 | 4,650 | 0 | 0 | 0 | 355 | 0 | 0 | 0 | 0 | 42,629 | 147 |
| Feb-21 | 0 | 0 | 0 | 0 | 462 | 0 | 4,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47,290 | 147 |
| Mar-21 | 0 | 0 | 0 | 0 | 511 | 0 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52,452 | 148 |
| Apr-21 | 0 | 0 | 0 | 0 | 495 | 0 | 4,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57,447 | 148 |
| May-21 | 0 | 0 | 0 | 0 | 511 | 0 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62,608 | 148 |
| Jun-21 | 0 | 9,876 | 43 | 0 | 1,648 | 0 | 136 | 0 | 1,093 | 132 | 0 | 0 | 0 | 0 | 0 | 75,272 | 149 |
| Jul-21 | 0 | 1,640 | 3 | 0 | 801 | 0 | 0 | 0 | 128 | 1,508 | 0 | 0 | 0 | 0 | 0 | 76,336 | 149 |
| Aug-21 | 0 | 2,098 | 3 | 0 | 854 | 0 | 0 | 0 | 179 | 1,526 | 0 | 0 | 0 | 0 | 0 | 77,943 | 149 |
| Sep-21 | 0 | 3,343 | 1 | 0 | 921 | 0 | 0 | 0 | 350 | 593 | 0 | 0 | 0 | 0 | 0 | 81,966 | 150 |
| Oct-21 | 0 | 0 | 0 | 0 | 511 | 0 | 4,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86,977 | 150 |
| Nov-21 | 0 | 0 | 0 | 0 | 495 | 0 | 4,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,972 | 150 |
| Dec-21 | 0 | 0 | 0 | 0 | 511 | 0 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97,133 | 151 |
| Jan-22 | 0 | 0 | 0 | 0 | 5,749 | 10,000 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 117,532 | 152 |
| Feb-22 | 0 | 0 | 0 | 0 | 5,268 | 0 | 4,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127,000 | 153 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Mar-22 | 0 | 0 | 0 | 0 | 5,833 | 0 | 4,650 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 137,483 | 153 |
| Apr-22 | 0 | 0 | 0 | 0 | 5,645 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 1,740 | 0 | 0 | 141,538 | 153 |
| May-22 | 0 | 0 | 0 | 0 | 188 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 0 | 139,866 | 153 |
| Jun-22 | 0 | 9,879 | 43 | 0 | 0 | 0 | 2,606 | 0 | 1,093 | 142 | 0 | 0 | 1,800 | 0 | 0 | 151,545 | 154 |
| Jul-22 | 0 | 1,683 | 3 | 0 | 0 | 0 | 1,043 | 0 | 128 | 1,641 | 0 | 0 | 1,860 | 0 | 0 | 150,902 | 154 |
| Aug-22 | 0 | 2,136 | 3 | 0 | 0 | 0 | 1,061 | 0 | 179 | 1,644 | 0 | 0 | 1,860 | 0 | 0 | 150,776 | 154 |
| Sep-22 | 0 | 3,362 | 1 | 0 | 0 | 0 | 1,212 | 0 | 350 | 651 | 0 | 0 | 1,800 | 0 | 0 | 153,250 | 154 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 0 | 151,431 | 154 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 | 0 | 0 | 149,631 | 154 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 0 | 147,771 | 154 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 144,981 | 154 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 0 | 142,461 | 154 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 139,671 | 153 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 136,971 | 153 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 134,181 | 153 |
| Jun-23 | 0 | 9,879 | 43 | 0 | 0 | 0 | 4,350 | 0 | 1,093 | 142 | 0 | 0 | 2,700 | 0 | 0 | 146,704 | 154 |
| Jul-23 | 0 | 1,673 | 3 | 0 | 0 | 0 | 4,650 | 0 | 128 | 1,609 | 0 | 0 | 2,790 | 0 | 0 | 148,760 | 154 |
| Aug-23 | 0 | 2,131 | 3 | 0 | 0 | 0 | 4,650 | 0 | 179 | 1,631 | 0 | 0 | 2,790 | 0 | 0 | 151,302 | 154 |
| Sep-23 | 0 | 3,369 | 1 | 0 | 0 | 0 | 4,500 | 0 | 350 | 673 | 0 | 0 | 2,700 | 0 | 0 | 156,149 | 154 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 153,509 | 154 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 150,809 | 154 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 148,019 | 154 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 145,229 | 154 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,610 | 0 | 0 | 142,619 | 154 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 139,829 | 153 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 137,129 | 153 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 134,339 | 153 |
| Jun-24 | 0 | 9,881 | 43 | 0 | 0 | 0 | 4,350 | 0 | 1,093 | 142 | 0 | 0 | 2,700 | 0 | 0 | 146,865 | 154 |
| Jul-24 | 0 | 1,673 | 3 | 0 | 0 | 0 | 4,650 | 0 | 128 | 1,609 | 0 | 0 | 2,790 | 0 | 0 | 148,921 | 154 |
| Aug-24 | 0 | 2,132 | 3 | 0 | 0 | 0 | 4,650 | 0 | 179 | 1,633 | 0 | 0 | 2,790 | 0 | 0 | 151,461 | 154 |
| Sep-24 | 0 | 3,370 | 1 | 0 | 0 | 0 | 4,500 | 0 | 350 | 675 | 0 | 0 | 2,700 | 0 | 0 | 156,307 | 154 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 153,667 | 154 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 150,967 | 154 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 148,177 | 154 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 145,387 | 154 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 0 | 142,867 | 154 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 140,077 | 153 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 137,377 | 153 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 134,587 | 153 |
| Jun-25 | 0 | 9,879 | 23 | 1,826 | 0 | 0 | 4,350 | 0 | 1,093 | 142 | 0 | 0 | 2,700 | 0 | 0 | 148,918 | 154 |
| Jul-25 | 0 | 1,675 | 1 | 253 | 0 | 0 | 4,650 | 0 | 128 | 1,614 | 0 | 0 | 2,790 | 0 | 0 | 151,221 | 154 |
| Aug-25 | 0 | 2,155 | 1 | 409 | 0 | 0 | 4,650 | 0 | 179 | 1,704 | 0 | 0 | 2,790 | 0 | 0 | 154,121 | 154 |
| Sep-25 | 0 | 3,383 | 0 | 909 | 0 | 0 | 4,500 | 0 | 350 | 715 | 0 | 0 | 2,700 | 0 | 0 | 159,848 | 154 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 150 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 157,208 | 154 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 0 | 154,508 | 154 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 0 | 151,718 | 154 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 151,718 | 0 | 0 | 144 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-26 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-26 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-26 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-26 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-27 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-27 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-27 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-27 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-28 | 0 | 10,927 | 0 | 4,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,932 | 0 | 144 |
| Jul-28 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-28 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-28 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-29 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-29 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-29 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-29 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-30 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Jul-30 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-30 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-30 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-31 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-31 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-31 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-31 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-32 | 0 | 10,927 | 0 | 4,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,932 | 0 | 144 |
| Jul-32 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-32 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-32 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-33 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-33 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-33 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-33 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-34 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-34 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-34 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Sep-34 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-35 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-35 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-35 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-35 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-36 | 0 | 10,927 | 0 | 4,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,932 | 0 | 144 |
| Jul-36 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-36 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-36 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-37 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-37 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-37 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-37 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-38 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-38 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-38 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-38 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-39 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-39 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-39 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-39 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-40 | 0 | 10,927 | 0 | 4,005 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,932 | 0 | 144 |
| Jul-40 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-40 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-40 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-41 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-41 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-41 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-41 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-42 | 0 | 10,925 | 0 | 4,004 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,929 | 0 | 144 |
| Jul-42 | 0 | 1,281 | 0 | 470 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,751 | 0 | 144 |
| Aug-42 | 0 | 1,788 | 0 | 655 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,444 | 0 | 144 |
| Sep-42 | 0 | 3,501 | 0 | 1,283 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,783 | 0 | 144 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-43 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-43 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-43 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-43 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-44 | 0 | 10927.35 | 0 | 4004.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14931.98 | 0 | 144 |
| Jul-44 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-44 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-44 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-45 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-45 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-45 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-45 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-46 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-46 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-46 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-46 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |

## GROUNDWATER STORAGE POND 1 (Formerly GSP (Brine))

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Quarry 1 | Natural Runoff | WRSF | Waste Rock Pad | Underground Overflow | Underground Stope | Brine from RO | Whale Tail Attenuation Pond | U/G ore stockpile | Evaporation | Underground | O-WTP | Saltmaker | Underground (Closure) | Whale Tail Pit | Pond Volume | Water Level |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-47 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-47 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-47 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-47 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-48 | 0 | 10927.35 | 0 | 4004.63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14931.98 | 0 | 144 |
| Jul-48 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-48 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-48 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-49 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-49 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-49 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-49 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Jun-50 | 0 | 10925.08 | 0 | 4003.802 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14928.89 | 0 | 144 |
| Jul-50 | 0 | 1281.138 | 0 | 469.5088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1750.647 | 0 | 144 |
| Aug-50 | 0 | 1788.37 | 0 | 655.3978 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2443.767 | 0 | 144 |
| Sep-50 | 0 | 3500.563 | 0 | 1282.879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4783.442 | 0 | 144 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 303 | 5,029 | 0 | 0 | 0 | 5,197 | 0 | 135 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Feb-18 | 0 | 0 | 0 | 0 | 122 | 4,694 | 0 | 0 | 0 | 4,694 | 0 | 122 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Mar-18 | 0 | 0 | 0 | 0 | 135 | 5,197 | 0 | 0 | 0 | 5,197 | 0 | 135 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Apr-18 | 0 | 0 | 0 | 0 | 131 | 5,029 | 0 | 0 | 0 | 5,029 | 0 | 131 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| May-18 | 0 | 0 | 0 | 0 | 135 | 5,197 | 0 | 0 | 0 | 5,197 | 0 | 135 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Jun-18 | 1,153 | 0 | 0 | 0 | 0 | 5,160 | 0 | 0 | 0 | 5,160 | 0 | 131 | 1,022 | 0 | 0 | 0 | 1 | -501.1 |
| Jul-18 | 290 | 0 | 0 | 0 | 0 | 5,332 | 0 | 0 | 0 | 5,332 | 0 | 135 | 154 | 0 | 0 | 0 | 1 | -501.1 |
| Aug-18 | 342 | 0 | 0 | 0 | 0 | 5,332 | 0 | 0 | 0 | 5,332 | 0 | 135 | 207 | 0 | 0 | 0 | 1 | -501.1 |
| Sep-18 | 426 | 0 | 0 | 0 | 0 | 5,160 | 0 | 0 | 0 | 5,160 | 0 | 131 | 295 | 0 | 0 | 0 | 1 | -501.1 |
| Oct-18 | 0 | 0 | 0 | 131 | 0 | 5,201 | 0 | 0 | 0 | 5,197 | 0 | 135 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Nov-18 | 0 | 0 | 0 | 131 | 0 | 5,029 | 0 | 0 | 0 | 5,029 | 0 | 131 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Dec-18 | 0 | 0 | 0 | 135 | 0 | 5,197 | 0 | 0 | 0 | 5,197 | 0 | 135 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Jan-19 | 0 | 0 | 0 | 275 | 0 | 8,870 | 0 | 0 | 0 | 8,993 | 0 | 152 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Feb-19 | 0 | 0 | 0 | 138 | 0 | 8,122 | 0 | 0 | 0 | 8,122 | 0 | 138 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Mar-19 | 0 | 0 | 0 | 152 | 0 | 8,993 | 0 | 0 | 0 | 8,993 | 0 | 152 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Apr-19 | 0 | 0 | 0 | 147 | 0 | 8,703 | 0 | 0 | 0 | 8,703 | 0 | 147 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| May-19 | 0 | 0 | 0 | 152 | 0 | 8,993 | 0 | 0 | 0 | 8,993 | 0 | 152 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Jun-19 | 1,153 | 0 | 0 | 5 | 0 | 8,845 | 0 | 0 | 0 | 8,850 | 0 | 147 | 1,005 | 0 | 0 | 0 | 1 | -501.1 |
| Jul-19 | 290 | 0 | 0 | 0 | 0 | 9,145 | 0 | 0 | 0 | 9,145 | 0 | 152 | 137 | 0 | 0 | 0 | 1 | -501.1 |
| Aug-19 | 342 | 0 | 0 | 0 | 0 | 9,145 | 0 | 0 | 0 | 9,145 | 0 | 152 | 190 | 0 | 0 | 0 | 1 | -501.1 |
| Sep-19 | 426 | 0 | 0 | 0 | 0 | 8,850 | 0 | 0 | 0 | 8,850 | 0 | 147 | 279 | 0 | 0 | 0 | 1 | -501.1 |
| Oct-19 | 0 | 0 | 0 | 147 | 0 | 8,998 | 0 | 0 | 0 | 8,993 | 0 | 152 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Nov-19 | 0 | 0 | 0 | 147 | 0 | 8,703 | 0 | 0 | 0 | 8,703 | 0 | 147 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Dec-19 | 0 | 0 | 0 | 152 | 0 | 8,993 | 0 | 0 | 0 | 8,993 | 0 | 152 | 0 | 0 | 0 | 0 | 1 | -501.1 |
| Jan-20 | 0 | 1,860 | 0 | 249 | 0 | 18,246 | 0 | 0 | 0 | 18,555 | 0 | 448 | 1,352 | 0 | 0 | 0 | 1 | -501.1 |
| Feb-20 | 0 | 1,740 | 0 | 0 | 0 | 17,371 | 0 | 0 | 0 | 17,371 | 0 | 419 | 1,321 | 0 | 0 | 0 | 1 | -501.1 |
| Mar-20 | 0 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 1,412 | 0 | 0 | 0 | 1 | -501.1 |
| Apr-20 | 0 | 1,800 | 0 | 0 | 0 | 17,970 | 0 | 0 | 0 | 17,970 | 0 | 433 | 1,367 | 0 | 0 | 0 | 1 | -501.1 |
| May-20 | 0 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 1,256 | 156 | 0 | 0 | 1 | -501.1 |
| Jun-20 | 1,153 | 1,800 | 0 | 0 | 0 | 17,970 | 0 | 0 | 0 | 17,970 | 0 | 433 | 0 | 2,520 | 0 | 0 | 1 | -501.1 |
| Jul-20 | 290 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 0 | 1,702 | 0 | 0 | 1 | -501.1 |
| Aug-20 | 342 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 0 | 1,755 | 0 | 0 | 1 | -501.1 |
| Sep-20 | 426 | 1,800 | 0 | 0 | 0 | 17,970 | 0 | 0 | 0 | 17,970 | 0 | 433 | 0 | 1,793 | 0 | 0 | 1 | -501.1 |
| Oct-20 | 0 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 0 | 1,412 | 0 | 0 | 1 | -501.1 |
| Nov-20 | 0 | 1,800 | 0 | 0 | 0 | 17,970 | 0 | 0 | 0 | 17,970 | 0 | 433 | 0 | 1,367 | 0 | 0 | 1 | -501.1 |
| Dec-20 | 0 | 1,860 | 0 | 0 | 0 | 18,569 | 0 | 0 | 0 | 18,569 | 0 | 448 | 0 | 1,412 | 0 | 0 | 1 | -501.1 |
| Jan-21 | 0 | 2,170 | 0 | 355 | 0 | 31,204 | 0 | 0 | 0 | 31,629 | 0 | 1,659 | 0 | 441 | 0 | 0 | 1 | -501.1 |
| Feb-21 | 0 | 1,960 | 0 | 0 | 0 | 28,672 | 0 | 0 | 0 | 28,672 | 0 | 1,498 | 0 | 462 | 0 | 0 | 1 | -501.1 |
| Mar-21 | 0 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 511 | 0 | 0 | 1 | -501.1 |
| Apr-21 | 0 | 2,100 | 0 | 0 | 0 | 30,720 | 0 | 0 | 0 | 30,720 | 0 | 1,605 | 0 | 495 | 0 | 0 | 1 | -501.1 |
| May-21 | 0 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 511 | 0 | 0 | 1 | -501.1 |
| Jun-21 | 1,153 | 2,100 | 0 | 0 | 0 | 30,720 | 0 | 0 | 0 | 30,720 | 0 | 1,605 | 0 | 1,648 | 0 | 0 | 1 | -501.1 |
| Jul-21 | 290 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 801 | 0 | 0 | 1 | -501.1 |
| Aug-21 | 342 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 854 | 0 | 0 | 1 | -501.1 |
| Sep-21 | 426 | 2,100 | 0 | 0 | 0 | 30,720 | 0 | 0 | 0 | 30,720 | 0 | 1,605 | 0 | 921 | 0 | 0 | 1 | -501.1 |
| Oct-21 | 0 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 511 | 0 | 0 | 1 | -501.1 |
| Nov-21 | 0 | 2,100 | 0 | 0 | 0 | 30,720 | 0 | 0 | 0 | 30,720 | 0 | 1,605 | 0 | 495 | 0 | 0 | 1 | -501.1 |
| Dec-21 | 0 | 2,170 | 0 | 0 | 0 | 31,744 | 0 | 0 | 0 | 31,744 | 0 | 1,659 | 0 | 511 | 0 | 0 | 1 | -501.1 |
| Jan-22 | 0 | 7,750 | 0 | 0 | 0 | 34,264 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 5,749 | 0 | 0 | 1 | -501.1 |
| Feb-22 | 0 | 7,000 | 0 | 0 | 0 | 31,024 | 0 | 0 | 0 | 31,024 | 0 | 1,732 | 0 | 5,268 | 0 | 0 | 1 | -501.1 |
| Mar-22 | 0 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 5,833 | 0 | 0 | 1 | -501.1 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Apr-22 | 0 | 7,500 | 0 | 0 | 0 | 33,240 | 0 | 0 | 0 | 33,240 | 0 | 1,855 | 0 | 5,645 | 0 | 0 | 1 | -501.1 |
| May-22 | 0 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 188 | 5,645 | 0 | 1 | -501.1 |
| Jun-22 | 1,153 | 7,500 | 0 | 0 | 0 | 33,240 | 0 | 0 | 0 | 33,240 | 0 | 1,855 | 0 | 0 | 6,797 | 0 | 1 | -501.1 |
| Jul-22 | 290 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 0 | 6,122 | 0 | 1 | -501.1 |
| Aug-22 | 342 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 0 | 6,175 | 0 | 1 | -501.1 |
| Sep-22 | 426 | 7,500 | 0 | 0 | 0 | 33,240 | 0 | 0 | 0 | 33,240 | 0 | 1,855 | 0 | 0 | 6,071 | 0 | 1 | -501.1 |
| Oct-22 | 0 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 0 | 5,833 | 0 | 1 | -501.1 |
| Nov-22 | 0 | 7,500 | 0 | 0 | 0 | 33,240 | 0 | 0 | 0 | 33,240 | 0 | 1,855 | 0 | 0 | 5,645 | 0 | 1 | -501.1 |
| Dec-22 | 0 | 7,750 | 0 | 0 | 0 | 34,348 | 0 | 0 | 0 | 34,348 | 0 | 1,917 | 0 | 0 | 5,833 | 0 | 1 | -501.1 |
| Jan-23 | 0 | 13,020 | 0 | 0 | 0 | 30,208 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,567 | 0 | 1 | -501.1 |
| Feb-23 | 0 | 11,760 | 0 | 0 | 0 | 27,160 | 0 | 0 | 0 | 27,160 | 0 | 1,437 | 0 | 0 | 10,323 | 0 | 1 | -501.1 |
| Mar-23 | 0 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,429 | 0 | 1 | -501.1 |
| Apr-23 | 0 | 12,600 | 0 | 0 | 0 | 29,100 | 0 | 0 | 0 | 29,100 | 0 | 1,540 | 0 | 0 | 11,060 | 0 | 1 | -501.1 |
| May-23 | 0 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,429 | 0 | 1 | -501.1 |
| Jun-23 | 1,153 | 12,600 | 0 | 0 | 0 | 29,100 | 0 | 0 | 0 | 29,100 | 0 | 1,540 | 0 | 0 | 12,213 | 0 | 1 | -501.1 |
| Jul-23 | 290 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,718 | 0 | 1 | -501.1 |
| Aug-23 | 342 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,771 | 0 | 1 | -501.1 |
| Sep-23 | 426 | 12,600 | 0 | 0 | 0 | 29,100 | 0 | 0 | 0 | 29,100 | 0 | 1,540 | 0 | 0 | 11,486 | 0 | 1 | -501.1 |
| Oct-23 | 0 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,429 | 0 | 1 | -501.1 |
| Nov-23 | 0 | 12,600 | 0 | 0 | 0 | 29,100 | 0 | 0 | 0 | 29,100 | 0 | 1,540 | 0 | 0 | 11,060 | 0 | 1 | -501.1 |
| Dec-23 | 0 | 13,020 | 0 | 0 | 0 | 30,070 | 0 | 0 | 0 | 30,070 | 0 | 1,591 | 0 | 0 | 11,429 | 0 | 1 | -501.1 |
| Jan-24 | 0 | 12,710 | 0 | 0 | 0 | 23,170 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,675 | 0 | 1 | -501.1 |
| Feb-24 | 0 | 11,890 | 0 | 0 | 0 | 21,460 | 0 | 0 | 0 | 21,460 | 0 | 1,184 | 0 | 0 | 10,706 | 0 | 1 | -501.1 |
| Mar-24 | 0 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,445 | 0 | 1 | -501.1 |
| Apr-24 | 0 | 12,300 | 0 | 0 | 0 | 22,200 | 0 | 0 | 0 | 22,200 | 0 | 1,225 | 0 | 0 | 11,075 | 0 | 1 | -501.1 |
| May-24 | 0 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,445 | 0 | 1 | -501.1 |
| Jun-24 | 1,153 | 12,300 | 0 | 0 | 0 | 22,200 | 0 | 0 | 0 | 22,200 | 0 | 1,225 | 0 | 0 | 12,228 | 0 | 1 | -501.1 |
| Jul-24 | 290 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,734 | 0 | 1 | -501.1 |
| Aug-24 | 342 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,787 | 0 | 1 | -501.1 |
| Sep-24 | 426 | 12,300 | 0 | 0 | 0 | 22,200 | 0 | 0 | 0 | 22,200 | 0 | 1,225 | 0 | 0 | 11,502 | 0 | 1 | -501.1 |
| Oct-24 | 0 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,445 | 0 | 1 | -501.1 |
| Nov-24 | 0 | 12,300 | 0 | 0 | 0 | 22,200 | 0 | 0 | 0 | 22,200 | 0 | 1,225 | 0 | 0 | 11,075 | 0 | 1 | -501.1 |
| Dec-24 | 0 | 12,710 | 0 | 0 | 0 | 22,940 | 0 | 0 | 0 | 22,940 | 0 | 1,265 | 0 | 0 | 11,445 | 0 | 1 | -501.1 |
| Jan-25 | 0 | 10,540 | 0 | 0 | 0 | 14,690 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,815 | 0 | 1 | -501.1 |
| Feb-25 | 0 | 9,520 | 0 | 0 | 0 | 13,020 | 0 | 0 | 0 | 13,020 | 0 | 0 | 0 | 0 | 9,520 | 0 | 1 | -501.1 |
| Mar-25 | 0 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,540 | 0 | 1 | -501.1 |
| Apr-25 | 0 | 10,200 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 10,200 | 0 | 1 | -501.1 |
| May-25 | 0 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,540 | 0 | 1 | -501.1 |
| Jun-25 | 1,153 | 10,200 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 11,353 | 0 | 1 | -501.1 |
| Jul-25 | 290 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,830 | 0 | 1 | -501.1 |
| Aug-25 | 342 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,882 | 0 | 1 | -501.1 |
| Sep-25 | 426 | 10,200 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 10,626 | 0 | 1 | -501.1 |
| Oct-25 | 0 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,540 | 0 | 1 | -501.1 |
| Nov-25 | 0 | 10,200 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 10,200 | 0 | 1 | -501.1 |
| Dec-25 | 0 | 10,540 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 14,415 | 0 | 0 | 0 | 0 | 10,540 | 0 | 1 | -501.1 |
| Jan-26 | 0 | 647 | 0 | 0 | 0 | 465 | 151,718 | 169,293 | 75,637 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 397,761 | -289.5 |
| Feb-26 | 0 | 604 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 398,364 | -288.9 |
| Mar-26 | 0 | 669 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 399,034 | -288.4 |
| Apr-26 | 0 | 648 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 399,682 | -287.8 |
| May-26 | 0 | 501 | 868,364 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 288 | 0 | 0 | 0 | 0 | 0 | 1,268,258 | 135.8 |
| Jun-26 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 762 | 0 | 0 | 0 | 0 | 104 | 1,268,546 | 149.0 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Jul-26 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 812 | 0 | 0 | 0 | 0 | 0 | 1,268,023 | 125.0 |
| Aug-26 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 547 | 0 | 0 | 0 | 0 | 0 | 1,267,819 | 115.6 |
| Sep-26 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 472 | 0 | 0 | 0 | 0 | 0 | 1,267,773 | 113.5 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 385 | 0 | 0 | 0 | 0 | 0 | 1,267,388 | 95.8 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 246 | 0 | 0 | 0 | 0 | 0 | 1,267,142 | 84.5 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 144 | 0 | 0 | 0 | 0 | 0 | 1,266,998 | 77.8 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 | 0 | 0 | 0 | 0 | 0 | 1,266,923 | 74.4 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | 1,266,887 | 72.7 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 1,266,866 | 71.7 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1,266,856 | 71.3 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 1,266,850 | 71.0 |
| Jun-27 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 0 | 0 | 0 | 0 | 1,267,746 | 112.2 |
| Jul-27 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-27 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-27 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1,266,876 | 72.2 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-28 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,746 | 112.2 |
| Jul-28 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-28 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-28 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-29 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-29 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-29 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-29 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-30 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-30 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-30 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-30 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-31 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-31 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-31 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-31 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1,266,876 | 72.2 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-32 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,746 | 112.2 |
| Jul-32 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-32 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-32 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-33 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-33 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-33 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-33 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-34 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-34 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-34 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-34 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-35 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-35 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-35 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-35 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1,266,876 | 72.2 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-36 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,746 | 112.2 |
| Jul-36 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-36 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-36 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-37 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-37 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-37 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,559 | 103.6 |
| Sep-37 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-38 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-38 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-38 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,559 | 103.6 |
| Sep-38 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-39 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,745 | 112.2 |
| Jul-39 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-39 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-39 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1,266,876 | 72.2 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-40 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256 | 0 | 0 | 0 | 0 | 0 | 1,267,746 | 112.2 |
| Jul-40 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430 | 0 | 0 | 0 | 0 | 0 | 1,267,605 | 105.7 |
| Aug-40 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 388 | 0 | 0 | 0 | 0 | 0 | 1,267,560 | 103.6 |
| Sep-40 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,609 | 105.9 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,282 | 90.9 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-41 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 261 | 0 | 0 | 0 | 0 | 0 | 1,267,741 | 112.0 |
| Jul-41 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 428 | 0 | 0 | 0 | 0 | 0 | 1,267,603 | 105.6 |
| Aug-41 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387 | 0 | 0 | 0 | 0 | 0 | 1,267,558 | 103.6 |
| Sep-41 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,608 | 105.9 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,281 | 90.8 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | 1,266,905 | 73.6 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 1,266,877 | 72.3 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 1,266,861 | 71.5 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 1,266,853 | 71.2 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1,266,849 | 71.0 |
| Jun-42 | 1,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 260 | 0 | 0 | 0 | 0 | 0 | 1,267,741 | 112.0 |
| Jul-42 | 290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 429 | 0 | 0 | 0 | 0 | 0 | 1,267,602 | 105.6 |
| Aug-42 | 342 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387 | 0 | 0 | 0 | 0 | 0 | 1,267,558 | 103.6 |
| Sep-42 | 426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377 | 0 | 0 | 0 | 0 | 0 | 1,267,608 | 105.9 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327 | 0 | 0 | 0 | 0 | 0 | 1,267,281 | 90.8 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 0 | 0 | 0 | 0 | 0 | 1,267,077 | 81.5 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 0 | 0 | 0 | 0 | 1,266,964 | 76.3 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.74955 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.5543 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.17003 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.25903 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.10232 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51863 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.796044 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16016 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.040788 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97437 |
| Jun-43 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3535 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1918 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Jul-43 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2255 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7227 |
| Aug-43 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.705 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6395 |
| Sep-43 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0479 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8979 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0847 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85831 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1861 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46972 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2205 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26377 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.8345 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55853 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.92849 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.22838 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.76591 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.50345 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.633167 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.15247 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.956366 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97056 |
| Jun-44 | 1152.998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3649 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1983 |
| Jul-44 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2787 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7268 |
| Aug-44 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.7381 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.642 |
| Sep-44 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0681 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8995 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0966 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85938 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1957 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.47033 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2269 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26409 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.83783 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55869 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.21408 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.26139 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.12829 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51981 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.808618 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16076 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.047305 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97466 |
| Jun-45 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3547 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.192 |
| Jul-45 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2275 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7229 |
| Aug-45 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.7062 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6396 |
| Sep-45 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0486 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8979 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0851 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85836 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1864 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46974 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2207 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26379 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.83462 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55853 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.21247 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.26131 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.12735 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51976 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.80816 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16074 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.047068 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97465 |
| Jun-46 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3539 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1921 |
| Jul-46 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2277 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7229 |
| Aug-46 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.7064 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6396 |
| Sep-46 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0487 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8979 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0851 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85836 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1865 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46974 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2207 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26379 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.83463 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55853 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.21248 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.26131 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.12735 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51976 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.808162 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16074 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.047069 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97465 |
| Jun-47 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3944 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1902 |
| Jul-47 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2125 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7217 |
| Aug-47 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.6969 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6389 |
| Sep-47 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.043 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8975 |

## UNDERGROUND MINE

| | INFLOWS | | | | | | | | | OUTFLOWS | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | m3 | m |
| Date | Runoff | Groundwater | Whale Tail Lake (South Basin) | GSP-1 | Lake C38 (Nemo Lake) | Recirculation | GSP-1 (Closure) | IVR Att Pond | GSP-2 (Closure) | Recirculation | Groundwater | Waste Rock | Underground Stope | GSP-1 | GSP-2 | Overflow | Pond Volume | Water Level |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0817 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85806 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1837 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46957 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2189 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26369 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.83368 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55849 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.92807 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.22836 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15.76567 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.50344 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.633053 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.15247 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.956307 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97056 |
| Jun-48 | 1152.998 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3619 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1984 |
| Jul-48 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2798 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.7269 |
| Aug-48 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.7389 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6421 |
| Sep-48 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0685 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.8995 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0968 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.8594 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1959 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.47034 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.227 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.2641 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.8379 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55869 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.21411 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.26139 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.12831 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51981 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.808627 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16076 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.04731 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97466 |
| Jun-49 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3516 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1922 |
| Jul-49 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2287 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.723 |
| Aug-49 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.707 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6396 |
| Sep-49 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0491 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.898 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0853 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85838 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1866 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46976 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2208 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.26379 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58.83469 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 73.55853 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28.21251 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 72.26131 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16.12737 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.51976 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7.808171 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 71.16074 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4.047073 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 70.97465 |
| Jun-50 | 1152.762 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 256.3507 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 112.1922 |
| Jul-50 | 289.5346 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 430.2289 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.723 |
| Aug-50 | 342.398 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 387.7072 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 103.6396 |
| Sep-50 | 426.1638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 377.0492 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 105.898 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 327.0854 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 90.85838 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 204.1867 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 81.46976 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110.607 | 0 | 0 | 0 | 0 | 0 | 1.27E+06 | 76.38398 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jul-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Aug-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Sep-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jul-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Aug-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Sep-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jul-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Aug-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Sep-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jul-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Aug-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Sep-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-22 | 0 | 5,645 | 0 | 0 | 0 | 5,645 | 143 |
| Jun-22 | 6,618 | 6,797 | 38 | 18,022 | 0 | 1,000 | 142 |
| Jul-22 | 856 | 6,122 | 253 | 6,726 | 0 | 1,000 | 142 |
| Aug-22 | 1,163 | 6,175 | 255 | 7,083 | 0 | 1,000 | 142 |
| Sep-22 | 2,149 | 6,071 | 99 | 8,121 | 0 | 1,000 | 142 |
| Oct-22 | 0 | 5,833 | 0 | 0 | 0 | 6,833 | 143 |
| Nov-22 | 0 | 5,645 | 0 | 0 | 0 | 12,477 | 143 |
| Dec-22 | 0 | 5,833 | 0 | 0 | 0 | 18,310 | 144 |
| Jan-23 | 0 | 11,567 | 0 | 0 | 0 | 29,877 | 144 |
| Feb-23 | 0 | 10,323 | 0 | 0 | 0 | 40,200 | 145 |
| Mar-23 | 0 | 11,429 | 0 | 0 | 0 | 51,629 | 145 |
| Apr-23 | 0 | 11,060 | 0 | 0 | 0 | 62,689 | 146 |
| May-23 | 0 | 11,429 | 0 | 0 | 0 | 74,118 | 147 |
| Jun-23 | 6,661 | 12,213 | 165 | 30,000 | 0 | 62,826 | 146 |
| Jul-23 | 1,377 | 11,718 | 1,865 | 31,000 | 0 | 43,058 | 145 |
| Aug-23 | 1,678 | 11,771 | 1,863 | 31,000 | 0 | 23,643 | 144 |
| Sep-23 | 2,349 | 11,486 | 714 | 30,000 | 0 | 6,764 | 143 |
| Oct-23 | 0 | 11,429 | 0 | 0 | 0 | 18,193 | 144 |
| Nov-23 | 0 | 11,060 | 0 | 0 | 0 | 29,253 | 144 |
| Dec-23 | 0 | 11,429 | 0 | 0 | 0 | 40,682 | 145 |
| Jan-24 | 0 | 11,675 | 0 | 0 | 0 | 52,357 | 145 |
| Feb-24 | 0 | 10,706 | 0 | 0 | 0 | 63,063 | 146 |
| Mar-24 | 0 | 11,445 | 0 | 0 | 0 | 74,508 | 147 |
| Apr-24 | 0 | 11,075 | 0 | 0 | 0 | 85,583 | 147 |
| May-24 | 0 | 11,445 | 0 | 0 | 0 | 97,028 | 148 |
| Jun-24 | 6,663 | 12,228 | 167 | 30,000 | 0 | 85,751 | 147 |
| Jul-24 | 1,385 | 11,734 | 1,888 | 31,000 | 0 | 65,982 | 146 |
| Aug-24 | 1,685 | 11,787 | 1,887 | 31,000 | 0 | 46,567 | 145 |
| Sep-24 | 2,352 | 11,502 | 723 | 30,000 | 0 | 29,697 | 144 |
| Oct-24 | 0 | 11,445 | 0 | 0 | 0 | 41,142 | 145 |
| Nov-24 | 0 | 11,075 | 0 | 0 | 0 | 52,217 | 145 |
| Dec-24 | 0 | 11,445 | 0 | 0 | 0 | 63,662 | 146 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jan-25 | 0 | 10,815 | 0 | 0 | 0 | 74,477 | 147 |
| Feb-25 | 0 | 9,520 | 0 | 0 | 0 | 83,997 | 147 |
| Mar-25 | 0 | 10,540 | 0 | 0 | 0 | 94,537 | 148 |
| Apr-25 | 0 | 10,200 | 0 | 0 | 0 | 104,737 | 148 |
| May-25 | 0 | 10,540 | 0 | 0 | 0 | 115,277 | 149 |
| Jun-25 | 6,662 | 11,353 | 169 | 30,000 | 0 | 103,123 | 148 |
| Jul-25 | 1,390 | 10,830 | 1,905 | 31,000 | 0 | 82,437 | 147 |
| Aug-25 | 1,690 | 10,882 | 1,903 | 31,000 | 0 | 62,107 | 146 |
| Sep-25 | 2,353 | 10,626 | 729 | 30,000 | 0 | 44,357 | 145 |
| Oct-25 | 0 | 10,540 | 0 | 0 | 0 | 54,897 | 146 |
| Nov-25 | 0 | 10,200 | 0 | 0 | 0 | 65,097 | 146 |
| Dec-25 | 0 | 10,540 | 0 | 0 | 0 | 75,637 | 147 |
| Jan-26 | 0 | 0 | 0 | 0 | 75,637 | 0 | 142 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-26 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-26 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-26 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-26 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-27 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-27 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-27 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-27 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-28 | 6,607 | 0 | 0 | 0 | 6,607 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jul-28 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-28 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-28 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-29 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-29 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-29 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-29 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-30 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-30 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-30 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-30 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-31 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-31 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-31 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-31 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-32 | 6,607 | 0 | 0 | 0 | 6,607 | 0 | 142 |
| Jul-32 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-32 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-32 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-33 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-33 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-33 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-33 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-34 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-34 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-34 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-34 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-35 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jul-35 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-35 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-35 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-36 | 6,607 | 0 | 0 | 0 | 6,607 | 0 | 142 |
| Jul-36 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-36 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-36 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-37 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-37 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-37 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-37 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-38 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-38 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-38 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-38 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-39 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-39 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-39 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-39 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-40 | 6,607 | 0 | 0 | 0 | 6,607 | 0 | 142 |
| Jul-40 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-40 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-40 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-41 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |
| Jul-41 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-41 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-41 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-42 | 6,605 | 0 | 0 | 0 | 6,605 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jul-42 | 775 | 0 | 0 | 0 | 775 | 0 | 142 |
| Aug-42 | 1,081 | 0 | 0 | 0 | 1,081 | 0 | 142 |
| Sep-42 | 2,116 | 0 | 0 | 0 | 2,116 | 0 | 142 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-43 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |
| Jul-43 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-43 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-43 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-44 | 6606.786 | 0 | 0 | 0 | 6606.786 | 0 | 142 |
| Jul-44 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-44 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-44 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-45 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |
| Jul-45 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-45 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-45 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-46 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |
| Jul-46 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-46 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-46 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-47 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |
| Jul-47 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-47 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-47 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-48 | 6606.786 | 0 | 0 | 0 | 6606.786 | 0 | 142 |
| Jul-48 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-48 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-48 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-49 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |

## GROUNDWATER STORAGE POND 2 (Formerly BRACKISH WATER)

| | INFLOWS | | OUTFLOWS | | | STORAGE | |
|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Overflow from UG Sump | Evaporation | RO | Natural Overflow | Pond Volume | Water Level |
| Jul-49 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-49 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-49 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Jun-50 | 6605.419 | 0 | 0 | 0 | 6605.419 | 0 | 142 |
| Jul-50 | 774.5894 | 0 | 0 | 0 | 774.5894 | 0 | 142 |
| Aug-50 | 1081.267 | 0 | 0 | 0 | 1081.267 | 0 | 142 |
| Sep-50 | 2116.477 | 0 | 0 | 0 | 2116.477 | 0 | 142 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-18 | 32,676 | 66,590 | 137,029 | 235,933 | 0 | 0 | 0 | 362 | 0 | 154.40 | 33,786 |
| Jul-18 | 1,521 | 25,194 | 0 | 22,599 | 0 | 0 | 0 | 4,115 | 0 | 154.40 | 33,786 |
| Aug-18 | 3,013 | 34,642 | 0 | 33,497 | 0 | 0 | 0 | 4,157 | 0 | 154.40 | 33,786 |
| Sep-18 | 9,624 | 65,727 | 0 | 73,742 | 0 | 0 | 0 | 1,609 | 0 | 154.40 | 33,786 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-19 | 32,675 | 66,590 | 137,028 | 0 | 235,932 | 0 | 0 | 362 | 0 | 154.40 | 33,786 |
| Jul-19 | 1,521 | 25,194 | 0 | 0 | 22,599 | 0 | 0 | 4,115 | 0 | 154.40 | 33,786 |
| Aug-19 | 3,013 | 34,642 | 0 | 0 | 33,497 | 0 | 0 | 4,157 | 0 | 154.40 | 33,786 |
| Sep-19 | 9,624 | 65,727 | 0 | 0 | 73,742 | 0 | 0 | 1,609 | 0 | 154.40 | 33,786 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-20 | 32,682 | 66,590 | 137,070 | 0 | 235,981 | 0 | 0 | 362 | 0 | 154.40 | 33,786 |
| Jul-20 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-20 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |
| Sep-20 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-21 | 0 | 23,841 | 49,149 | 0 | 0 | 72,990 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jul-21 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-21 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Sep-21 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-22 | 0 | 23,841 | 49,149 | 0 | 0 | 72,990 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jul-22 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-22 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |
| Sep-22 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-23 | 0 | 23,841 | 49,149 | 0 | 0 | 72,990 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jul-23 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-23 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |
| Sep-23 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-24 | 0 | 23,841 | 49,164 | 0 | 0 | 73,006 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jul-24 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-24 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |
| Sep-24 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-25 | 0 | 23,841 | 49,149 | 0 | 0 | 72,990 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jul-25 | 0 | 8,559 | 0 | 0 | 0 | 8,559 | 0 | 0 | 0 | 154.40 | 33,786 |
| Aug-25 | 0 | 11,948 | 0 | 0 | 0 | 11,948 | 0 | 0 | 0 | 154.40 | 33,786 |
| Sep-25 | 0 | 23,387 | 0 | 0 | 0 | 23,387 | 0 | 0 | 0 | 154.40 | 33,786 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-26 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-26 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-26 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-26 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-27 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-27 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-27 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-27 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-28 | 0 | 23,841 | 49,164 | 0 | 0 | 0 | 73,006 | 0 | 0 | 154.40 | 33,786 |
| Jul-28 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-28 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-28 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-29 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-29 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-29 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-29 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-30 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-30 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-30 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-30 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-31 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-31 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-31 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-31 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-32 | 0 | 23,841 | 49,164 | 0 | 0 | 0 | 73,006 | 0 | 0 | 154.40 | 33,786 |
| Jul-32 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-32 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Sep-32 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-33 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-33 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-33 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-33 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-34 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-34 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-34 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-34 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-35 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-35 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-35 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-35 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-36 | 0 | 23,841 | 49,164 | 0 | 0 | 0 | 73,006 | 0 | 0 | 154.40 | 33,786 |
| Jul-36 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-36 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-36 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-37 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-37 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-37 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-37 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-38 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-38 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-38 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-38 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-39 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-39 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-39 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-39 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-40 | 0 | 23,841 | 49,164 | 0 | 0 | 0 | 73,006 | 0 | 0 | 154.40 | 33,786 |
| Jul-40 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-40 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-40 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-41 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-41 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-41 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-41 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jun-42 | 0 | 23,841 | 49,149 | 0 | 0 | 0 | 72,990 | 0 | 0 | 154.40 | 33,786 |
| Jul-42 | 0 | 8,559 | 0 | 0 | 0 | 0 | 8,559 | 0 | 0 | 154.40 | 33,786 |
| Aug-42 | 0 | 11,948 | 0 | 0 | 0 | 0 | 11,948 | 0 | 0 | 154.40 | 33,786 |
| Sep-42 | 0 | 23,387 | 0 | 0 | 0 | 0 | 23,387 | 0 | 0 | 154.40 | 33,786 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.40 | 33,786 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-43 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-43 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-43 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| Sep-43 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-44 | 0 | 23841.29 | 49164.22 | 0 | 0 | 0 | 73005.52 | 0 | 0 | 154.4 | 33785.86 |
| Jul-44 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-44 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-44 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-45 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-45 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-45 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-45 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-46 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-46 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-46 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-46 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |

## NORTHEAST SECTOR

| | INFLOWS | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m | m3 |
| Date | Lake A49 | Rain Runoff | SWE Runoff | Whale Tail Lake (North Basin) | Lake A16 (Mammoth Lake) | Lake C38 (Nemo Lake) | IVR Pit / Whale Tail Lake (North Basin) | Evaporation | Dewatering | Water Level | NE Lake Vol |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-47 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-47 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-47 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-47 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-48 | 0 | 23841.29 | 49164.22 | 0 | 0 | 0 | 73005.52 | 0 | 0 | 154.4 | 33785.86 |
| Jul-48 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-48 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-48 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-49 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-49 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-49 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-49 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Jun-50 | 0 | 23841.29 | 49149.12 | 0 | 0 | 0 | 72990.41 | 0 | 0 | 154.4 | 33785.86 |
| Jul-50 | 0 | 8559.275 | 0 | 0 | 0 | 0 | 8559.275 | 0 | 0 | 154.4 | 33785.86 |
| Aug-50 | 0 | 11948.08 | 0 | 0 | 0 | 0 | 11948.08 | 0 | 0 | 154.4 | 33785.86 |
| Sep-50 | 0 | 23387.24 | 0 | 0 | 0 | 0 | 23387.24 | 0 | 0 | 154.4 | 33785.86 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154.4 | 33785.86 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-18 | 111,270 | 0 | 56 | 0 | 0 | 0 | 0 | 0 | 111,326 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jul-18 | 12,934 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 12,939 | 0 | 0 | 0 | 1 | 154.0 |
| Aug-18 | 17,894 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 17,900 | 0 | 0 | 0 | 1 | 154.0 |
| Sep-18 | 34,715 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 34,717 | 0 | 0 | 0 | 1 | 154.0 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-19 | 85,817 | 1 | 316 | 12 | 0 | 0 | 0 | 0 | 0 | 15,218 | 70,929 | 0 | 0 | 1 | 154.0 |
| Jul-19 | 9,653 | 0 | 25 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 9,678 | 0 | 0 | 1 | 154.0 |
| Aug-19 | 12,891 | 1 | 28 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 12,919 | 0 | 0 | 1 | 154.0 |
| Sep-19 | 24,108 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,119 | 0 | 0 | 1 | 154.0 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-20 | 46,630 | 1 | 712 | 35 | 0 | 0 | 0 | 0 | 0 | 0 | 47,379 | 0 | 0 | 1 | 154.0 |
| Jul-20 | 5,117 | 0 | 54 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 5,173 | 0 | 0 | 1 | 154.0 |
| Aug-20 | 6,647 | 1 | 56 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 6,705 | 0 | 0 | 1 | 154.0 |
| Sep-20 | 12,055 | 0 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 12,074 | 0 | 0 | 1 | 154.0 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Jun-21 | 25,896 | 1 | 915 | 54 | 0 | 0 | 0 | 0 | 0 | 0 | 26,866 | 0 | 0 | 1 | 154.0 |
| Jul-21 | 3,008 | 0 | 66 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 3,078 | 0 | 0 | 1 | 154.0 |
| Aug-21 | 4,159 | 1 | 66 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 4,229 | 0 | 0 | 1 | 154.0 |
| Sep-21 | 8,065 | 0 | 21 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 8,087 | 0 | 0 | 1 | 154.0 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-22 | 24,329 | 1 | 915 | 71 | 0 | 0 | 0 | 0.09 | 0 | 0 | 0 | 25,316 | 0 | 1 | 154.0 |
| Jul-22 | 2,853 | 0 | 66 | 5 | 0 | 0 | 0 | 1.04 | 0 | 0 | 0 | 2,923 | 0 | 1 | 154.0 |
| Aug-22 | 3,983 | 1 | 66 | 5 | 0 | 0 | 0 | 1.05 | 0 | 0 | 0 | 4,053 | 0 | 1 | 154.0 |
| Sep-22 | 7,795 | 0 | 21 | 2 | 0 | 0 | 0 | 0.41 | 0 | 0 | 0 | 7,818 | 0 | 1 | 154.0 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-23 | 24,329 | 1 | 906 | 80 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 0 | 1 | 154.0 |
| Jul-23 | 2,853 | 0 | 65 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2,923 | 0 | 1 | 154.0 |
| Aug-23 | 3,983 | 1 | 65 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4,053 | 0 | 1 | 154.0 |
| Sep-23 | 7,795 | 0 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 0 | 1 | 154.0 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-24 | 24,334 | 1 | 898 | 88 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,321 | 0 | 1 | 154.0 |
| Jul-24 | 2,853 | 0 | 65 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2,923 | 0 | 1 | 154.0 |
| Aug-24 | 3,983 | 1 | 65 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4,053 | 0 | 1 | 154.0 |
| Sep-24 | 7,795 | 0 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 0 | 1 | 154.0 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-25 | 24,329 | 1 | 887 | 99 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 0 | 1 | 154.0 |
| Jul-25 | 2,853 | 0 | 64 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2,923 | 0 | 1 | 154.0 |
| Aug-25 | 3,983 | 1 | 64 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 4,053 | 0 | 1 | 154.0 |
| Sep-25 | 7,795 | 0 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 0 | 1 | 154.0 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-26 | 24,329 | 1 | 928 | 58 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-26 | 2,853 | 0 | 68 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-26 | 3,983 | 1 | 68 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-26 | 7,795 | 0 | 22 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-27 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-27 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-27 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-27 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-28 | 24,334 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,321 | 1 | 154.0 |
| Jul-28 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-28 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-28 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-29 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-29 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-29 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-29 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-30 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-30 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-30 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-30 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-31 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-31 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-31 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Sep-31 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-32 | 24,334 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,321 | 1 | 154.0 |
| Jul-32 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-32 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-32 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-33 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-33 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-33 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-33 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-34 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-34 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-34 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-34 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-35 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-35 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-35 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-35 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-36 | 24,334 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,321 | 1 | 154.0 |
| Jul-36 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-36 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-36 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-37 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-37 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-37 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-37 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-38 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Jul-38 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-38 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-38 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-39 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-39 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-39 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-39 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-40 | 24,334 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,321 | 1 | 154.0 |
| Jul-40 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-40 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-40 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-41 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-41 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-41 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-41 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,818 | 1 | 154.0 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jun-42 | 24,329 | 1 | 986 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,316 | 1 | 154.0 |
| Jul-42 | 2,853 | 0 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2,923 | 1 | 154.0 |
| Aug-42 | 3,983 | 1 | 71 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 4,053 | 1 | 154.0 |
| Sep-42 | 7,795 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 6,972 | 0 | 0 | 0 | 847 | 1 | 154.0 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154.0 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-43 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-43 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-43 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-43 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-44 | 24334.07 | 1.134654 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25320.81 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-44 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-44 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-44 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-45 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-45 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-45 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-45 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-46 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-46 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-46 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-46 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-47 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-47 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-47 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-47 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-48 | 24334.07 | 1.134654 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25320.81 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-48 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-48 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-48 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |

## WHALE TAIL WASTE ROCK STORAGE FACILITY CONTACT WATER COLLECTION SYSTEM

| | INFLOWS | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | | m3/mon | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Precipitation | Whale Tail WRSF Runoff | Submarginal Runoff | Whale Tail WRSF Seepage | Submarginal Seepage | Overflow from WT ATT Pond | Evaporation | Lake A16 (Mammoth Lake) | Quarry 1 | Whale Tail Attenuation Pond | IVR Attenuation Pond | IVR Pit | Volume | Water Level |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-49 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-49 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-49 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-49 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jun-50 | 24329.03 | 1.134426 | 985.7013 | 0 | 0 | 0 | 0 | 0.09175947 | 25315.78 | 0 | 0 | 0 | 0 | 1 | 154 |
| Jul-50 | 2852.962 | 0.4665736 | 71.06219 | 0 | 0 | 0 | 0 | 1.042999 | 2923.448 | 0 | 0 | 0 | 0 | 1 | 154 |
| Aug-50 | 3982.514 | 0.5178228 | 71.06219 | 0 | 0 | 0 | 0 | 1.053535 | 4053.041 | 0 | 0 | 0 | 0 | 1 | 154 |
| Sep-50 | 7795.393 | 0.4862283 | 22.92329 | 0 | 0 | 0 | 0 | 0.4078198 | 7818.394 | 0 | 0 | 0 | 0 | 1 | 154 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 154 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-18 | 8,453 | 17,425 | 0 | 0 | 0 | 0 | 25,877 | 0 | 0 | 1 |
| Jul-18 | 3,035 | 0 | 0 | 0 | 0 | 0 | 3,035 | 0 | 0 | 1 |
| Aug-18 | 4,236 | 0 | 0 | 0 | 0 | 0 | 4,236 | 0 | 0 | 1 |
| Sep-18 | 8,292 | 0 | 0 | 0 | 0 | 0 | 8,292 | 0 | 0 | 1 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-19 | 8,453 | 17,425 | 0 | 0 | 0 | 0 | 25,877 | 0 | 0 | 1 |
| Jul-19 | 3,035 | 0 | 0 | 0 | 0 | 0 | 3,035 | 0 | 0 | 1 |
| Aug-19 | 4,236 | 0 | 0 | 0 | 0 | 0 | 4,236 | 0 | 0 | 1 |
| Sep-19 | 8,292 | 0 | 0 | 0 | 0 | 0 | 8,292 | 0 | 0 | 1 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-20 | 8,453 | 17,430 | 0 | 0 | 0 | 0 | 25,883 | 0 | 0 | 1 |
| Jul-20 | 3,035 | 0 | 0 | 0 | 0 | 0 | 3,035 | 0 | 0 | 1 |
| Aug-20 | 4,236 | 0 | 0 | 0 | 0 | 0 | 4,236 | 0 | 0 | 1 |
| Sep-20 | 8,292 | 0 | 0 | 0 | 0 | 0 | 8,292 | 0 | 0 | 1 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-21 | 5,544 | 11,429 | 95 | 0 | 0 | 0 | 17,069 | 0 | 0 | 1 |
| Jul-21 | 1,799 | 0 | 8 | 0 | 0 | 0 | 1,807 | 0 | 0 | 1 |
| Aug-21 | 2,240 | 0 | 9 | 0 | 0 | 0 | 2,249 | 0 | 0 | 1 |
| Sep-21 | 3,862 | 0 | 3 | 0 | 0 | 0 | 3,865 | 0 | 0 | 1 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-22 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 0 | 6,569 | 1 |
| Jul-22 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 761 | 1 |
| Aug-22 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 1,056 | 1 |
| Sep-22 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2,043 | 1 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-23 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 0 | 6,569 | 1 |
| Jul-23 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 761 | 1 |
| Aug-23 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 1,056 | 1 |
| Sep-23 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2,043 | 1 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-24 | 2,077 | 4,284 | 209 | 0 | 0 | 0 | 0 | 0 | 6,570 | 1 |
| Jul-24 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 761 | 1 |
| Aug-24 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 1,056 | 1 |
| Sep-24 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2,043 | 1 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-25 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 0 | 6,569 | 1 |
| Jul-25 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 761 | 1 |
| Aug-25 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 1,056 | 1 |
| Sep-25 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 2,043 | 1 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-26 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-26 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-26 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-26 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-27 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Jul-27 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-27 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-27 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-28 | 2,077 | 4,284 | 209 | 0 | 0 | 0 | 0 | 6,570 | 0 | 1 |
| Jul-28 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-28 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-28 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-29 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-29 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-29 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-29 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-30 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-30 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-30 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Sep-30 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-31 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-31 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-31 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-31 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-32 | 2,077 | 4,284 | 209 | 0 | 0 | 0 | 0 | 6,570 | 0 | 1 |
| Jul-32 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-32 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-32 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-33 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-33 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-33 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-33 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-34 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-34 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-34 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-34 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-35 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-35 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-35 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-35 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-36 | 2,077 | 4,284 | 209 | 0 | 0 | 0 | 0 | 6,570 | 0 | 1 |
| Jul-36 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-36 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-36 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-37 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-37 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-37 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-37 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-38 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-38 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-38 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-38 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-39 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-39 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-39 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-39 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-40 | 2,077 | 4,284 | 209 | 0 | 0 | 0 | 0 | 6,570 | 0 | 1 |
| Jul-40 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-40 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-40 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-41 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-41 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-41 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-41 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jun-42 | 2,077 | 4,283 | 209 | 0 | 0 | 0 | 0 | 6,569 | 0 | 1 |
| Jul-42 | 746 | 0 | 15 | 0 | 0 | 0 | 0 | 761 | 0 | 1 |
| Aug-42 | 1,041 | 0 | 15 | 0 | 0 | 0 | 0 | 1,056 | 0 | 1 |
| Sep-42 | 2,038 | 0 | 5 | 0 | 0 | 0 | 0 | 2,043 | 0 | 1 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Jun-43 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 7 |
| Jul-43 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 8 |
| Aug-43 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 9 |
| Sep-43 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 10 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| Jun-44 | 2077.399 | 4283.9 | 208.6629 | 0 | 0 | 0 | 0 | 6569.962 | 0 | 19 |
| Jul-44 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 20 |
| Aug-44 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 21 |
| Sep-44 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 22 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| Jun-45 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 31 |
| Jul-45 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 32 |
| Aug-45 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 33 |
| Sep-45 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 34 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42 |
| Jun-46 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 43 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Jul-46 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 44 |
| Aug-46 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 45 |
| Sep-46 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 46 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 49 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 52 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| Jun-47 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 55 |
| Jul-47 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 56 |
| Aug-47 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 57 |
| Sep-47 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 58 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| Jun-48 | 2077.399 | 4283.9 | 208.6629 | 0 | 0 | 0 | 0 | 6569.962 | 0 | 67 |
| Jul-48 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 68 |
| Aug-48 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 69 |
| Sep-48 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 70 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 78 |
| Jun-49 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 79 |
| Jul-49 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 80 |
| Aug-49 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 81 |

## NORTH SECTOR

| | INFLOWS | | | | | OUTFLOWS | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Natural Rainfall Runoff | Natural SWE Runoff | Whale Tail WRSF Runoff | Whale Tail WRSF Seepage | Ore 4 Runoff | Evaporation | Whale Tail (North Basin) / Whale Tail Attenuation Pond | WT Pit | IVR Attenuation Pond | Storage |
| Sep-49 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 82 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 |
| Jun-50 | 2077.399 | 4282.584 | 208.6629 | 0 | 0 | 0 | 0 | 6568.646 | 0 | 91 |
| Jul-50 | 745.8082 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 760.8514 | 0 | 92 |
| Aug-50 | 1041.09 | 0 | 15.04314 | 0 | 0 | 0 | 0 | 1056.134 | 0 | 93 |
| Sep-50 | 2037.835 | 0 | 4.852626 | 0 | 0 | 0 | 0 | 2042.688 | 0 | 94 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Jan-18 | | | | | | | | | | | | | | | | | | | | | |
| Feb-18 | | | | | | | | | | | | | | | | | | | | | |
| Mar-18 | | | | | | | | | | | | | | | | | | | | | |
| Apr-18 | | | | | | | | | | | | | | | | | | | | | |
| May-18 | | | | | | | | | | | | | | | | | | | | | |
| Jun-18 | | | | | | | | | | | | | | | | | | | | | |
| Jul-18 | | | | | | | | | | | | | | | | | | | | | |
| Aug-18 | | | | | | | | | | | | | | | | | | | | | |
| Sep-18 | | | | | | | | | | | | | | | | | | | | | |
| Oct-18 | | | | | | | | | | | | | | | | | | | | | |
| Nov-18 | | | | | | | | | | | | | | | | | | | | | |
| Dec-18 | | | | | | | | | | | | | | | | | | | | | |
| Jan-19 | | | | | | | | | | | | | | | | | | | | | |
| Feb-19 | | | | | | | | | | | | | | | | | | | | | |
| Mar-19 | | | | | | | | | | | | | | | | | | | | | |
| Apr-19 | | | | | | | | | | | | | | | | | | | | | |
| May-19 | | | | | | | | | | | | | | | | | | | | | |
| Jun-19 | 62,024 | 184 | 39,063 | 24,042 | 935 | 0 | 0 | 0 | 1,621 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 119,853 | 0 | 8,000 | 80.1 |
| Jul-19 | 8,803 | 96 | 5,543 | 30,070 | 1,488 | 0 | 0 | 0 | 230 | 0 | 0 | 0 | 0 | 0 | 214 | 2,878 | 0 | 43,138 | 0 | 8,000 | 80.1 |
| Aug-19 | 12,289 | 106 | 7,738 | 30,070 | 1,488 | 0 | 0 | 0 | 321 | 0 | 0 | 0 | 0 | 0 | 216 | 2,878 | 0 | 48,918 | 0 | 8,000 | 80.1 |
| Sep-19 | 24,054 | 100 | 15,146 | 29,100 | 1,440 | 0 | 0 | 0 | 629 | 0 | 0 | 0 | 0 | 0 | 84 | 2,696 | 0 | 67,690 | 0 | 8,000 | 80.1 |
| Oct-19 | 0 | 0 | 0 | 30,070 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,878 | 0 | 28,680 | 0 | 8,000 | 80.1 |
| Nov-19 | 0 | 0 | 0 | 29,100 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,696 | 0 | 27,844 | 0 | 8,000 | 80.1 |
| Dec-19 | 0 | 0 | 0 | 30,070 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,878 | 0 | 28,680 | 0 | 8,000 | 47.1 |
| Jan-20 | 0 | 0 | 0 | 36,270 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,878 | 0 | 34,880 | 0 | 8,000 | 47.1 |
| Feb-20 | 0 | 0 | 0 | 33,930 | 1,392 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,519 | 0 | 32,803 | 0 | 8,000 | 47.1 |
| Mar-20 | 0 | 0 | 0 | 36,270 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,878 | 0 | 34,880 | 0 | 8,000 | 47.1 |
| Apr-20 | 0 | 0 | 0 | 35,100 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,696 | 0 | 33,844 | 0 | 8,000 | 47.1 |
| May-20 | 0 | 0 | 0 | 36,270 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,878 | 0 | 34,880 | 0 | 8,000 | 47.1 |
| Jun-20 | 61,970 | 797 | 59,849 | 35,100 | 1,440 | 0 | 0 | 0 | 1,963 | 0 | 0 | 0 | 0 | 0 | 64 | 2,696 | 0 | 158,359 | 0 | 8,000 | 47.1 |
| Jul-20 | 7,265 | 328 | 7,017 | 36,270 | 1,488 | 0 | 0 | 0 | 230 | 0 | 0 | 0 | 0 | 0 | 733 | 1,439 | 0 | 50,426 | 0 | 8,000 | 47.1 |
| Aug-20 | 10,142 | 364 | 9,795 | 36,270 | 1,488 | 0 | 0 | 0 | 321 | 0 | 0 | 0 | 0 | 0 | 740 | 1,439 | 0 | 56,201 | 0 | 8,000 | 47.1 |
| Sep-20 | 19,852 | 342 | 19,173 | 35,100 | 1,440 | 0 | 0 | 0 | 629 | 0 | 0 | 0 | 0 | 0 | 287 | 1,348 | 0 | 74,901 | 0 | 8,000 | 47.1 |
| Oct-20 | 0 | 0 | 0 | 36,270 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,439 | 0 | 36,319 | 0 | 8,000 | 47.1 |
| Nov-20 | 0 | 0 | 0 | 35,100 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,348 | 0 | 35,192 | 0 | 8,000 | 47.1 |
| Dec-20 | 0 | 0 | 0 | 36,270 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,439 | 0 | 36,319 | 0 | 8,000 | 2.0 |
| Jan-21 | 0 | 0 | 0 | 40,920 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 40,654 | 0 | 8,000 | 2.0 |
| Feb-21 | 0 | 0 | 0 | 36,960 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,431 | 0 | 36,873 | 0 | 8,000 | 2.0 |
| Mar-21 | 0 | 0 | 0 | 40,920 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 40,654 | 0 | 8,000 | 2.0 |
| Apr-21 | 0 | 0 | 0 | 39,600 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 39,397 | 0 | 8,000 | 2.0 |
| May-21 | 0 | 0 | 0 | 40,920 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 40,654 | 0 | 8,000 | 2.0 |
| Jun-21 | 61,958 | 310 | 60,310 | 39,600 | 1,440 | 0 | 0 | 0 | 1,962 | 0 | 0 | 0 | 0 | 0 | 25 | 1,643 | 0 | 163,913 | 0 | 8,000 | 2.0 |
| Jul-21 | 7,265 | 128 | 7,072 | 40,920 | 1,488 | 0 | 0 | 0 | 230 | 0 | 0 | 0 | 0 | 0 | 285 | 1,754 | 0 | 55,064 | 0 | 8,000 | 2.0 |
| Aug-21 | 10,142 | 142 | 9,872 | 40,920 | 1,488 | 0 | 0 | 0 | 321 | 0 | 0 | 0 | 0 | 0 | 288 | 1,754 | 0 | 60,843 | 0 | 8,000 | 2.0 |
| Sep-21 | 19,852 | 133 | 19,324 | 39,600 | 1,440 | 0 | 0 | 0 | 629 | 0 | 0 | 0 | 0 | 0 | 112 | 1,643 | 0 | 79,224 | 0 | 8,000 | 2.0 |
| Oct-21 | 0 | 0 | 0 | 40,920 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 40,654 | 0 | 8,000 | 2.0 |
| Nov-21 | 0 | 0 | 0 | 39,600 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 39,397 | 0 | 8,000 | 2.0 |
| Dec-21 | 0 | 0 | 0 | 40,920 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 40,654 | 0 | 8,000 | -24.4 |
| Jan-22 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 41,894 | 0 | 8,000 | -24.4 |
| Feb-22 | 0 | 0 | 0 | 38,080 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,431 | 0 | 37,993 | 0 | 8,000 | -24.4 |
| Mar-22 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 41,894 | 0 | 8,000 | -24.4 |
| Apr-22 | 0 | 0 | 0 | 40,800 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 40,597 | 0 | 8,000 | -24.4 |
| May-22 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 41,894 | 0 | 8,000 | -24.4 |
| Jun-22 | 60,075 | 145 | 60,471 | 40,800 | 1,440 | 0 | 0 | 0 | 1,962 | 0 | 20 | 0 | 0 | 0 | 12 | 1,643 | 0 | 0 | 163,259 | 8,000 | -24.4 |
| Jul-22 | 7,004 | 60 | 7,091 | 42,160 | 1,488 | 0 | 0 | 0 | 230 | 0 | 2 | 0 | 0 | 0 | 134 | 1,754 | 0 | 0 | 56,148 | 8,000 | -24.4 |
| Aug-22 | 9,720 | 66 | 9,899 | 42,160 | 1,488 | 0 | 0 | 0 | 321 | 0 | 2 | 0 | 0 | 0 | 135 | 1,754 | 0 | 0 | 61,767 | 8,000 | -24.4 |
| Sep-22 | 18,916 | 62 | 19,376 | 40,800 | 1,440 | 0 | 0 | 0 | 629 | 0 | 1 | 0 | 0 | 0 | 52 | 1,643 | 0 | 0 | 79,528 | 8,000 | -24.4 |
| Oct-22 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Nov-22 | 0 | 0 | 0 | 40,800 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,597 | 8,000 | -24.4 |
| Dec-22 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |
| Jan-23 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |
| Feb-23 | 0 | 0 | 0 | 38,080 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,431 | 0 | 0 | 37,993 | 8,000 | -24.4 |
| Mar-23 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |
| Apr-23 | 0 | 0 | 0 | 40,800 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,597 | 8,000 | -24.4 |
| May-23 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |
| Jun-23 | 57,832 | 145 | 60,471 | 40,800 | 1,440 | 0 | 0 | 0 | 1,962 | 0 | 44 | 0 | 0 | 0 | 12 | 1,643 | 0 | 0 | 161,040 | 8,000 | -24.4 |
| Jul-23 | 6,782 | 60 | 7,091 | 42,160 | 1,488 | 0 | 0 | 0 | 230 | 0 | 3 | 0 | 0 | 0 | 134 | 1,754 | 0 | 0 | 55,926 | 8,000 | -24.4 |
| Aug-23 | 9,467 | 66 | 9,899 | 42,160 | 1,488 | 0 | 0 | 0 | 321 | 0 | 3 | 0 | 0 | 0 | 135 | 1,754 | 0 | 0 | 61,515 | 8,000 | -24.4 |
| Sep-23 | 18,530 | 62 | 19,376 | 40,800 | 1,440 | 0 | 0 | 0 | 629 | 0 | 1 | 0 | 0 | 0 | 52 | 1,643 | 0 | 0 | 79,143 | 8,000 | -24.4 |
| Oct-23 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -24.4 |
| Nov-23 | 0 | 0 | 0 | 40,800 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,597 | 8,000 | -24.4 |
| Dec-23 | 0 | 0 | 0 | 42,160 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,894 | 8,000 | -127.6 |
| Jan-24 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Feb-24 | 0 | 0 | 0 | 39,150 | 1,392 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,535 | 0 | 0 | 39,007 | 8,000 | -127.6 |
| Mar-24 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Apr-24 | 0 | 0 | 0 | 40,500 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,297 | 8,000 | -127.6 |
| May-24 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Jun-24 | 57,844 | 174 | 60,455 | 40,500 | 1,440 | 0 | 0 | 0 | 1,963 | 0 | 44 | 0 | 0 | 0 | 14 | 1,643 | 0 | 0 | 160,763 | 8,000 | -127.6 |
| Jul-24 | 6,782 | 72 | 7,088 | 41,850 | 1,488 | 0 | 0 | 0 | 230 | 0 | 3 | 0 | 0 | 0 | 160 | 1,754 | 0 | 0 | 55,598 | 8,000 | -127.6 |
| Aug-24 | 9,467 | 80 | 9,894 | 41,850 | 1,488 | 0 | 0 | 0 | 321 | 0 | 3 | 0 | 0 | 0 | 162 | 1,754 | 0 | 0 | 61,187 | 8,000 | -127.6 |
| Sep-24 | 18,530 | 75 | 19,367 | 40,500 | 1,440 | 0 | 0 | 0 | 629 | 0 | 1 | 0 | 0 | 0 | 63 | 1,643 | 0 | 0 | 78,836 | 8,000 | -127.6 |
| Oct-24 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Nov-24 | 0 | 0 | 0 | 40,500 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,297 | 8,000 | -127.6 |
| Dec-24 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Jan-25 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Feb-25 | 0 | 0 | 0 | 37,800 | 1,344 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,431 | 0 | 0 | 37,713 | 8,000 | -127.6 |
| Mar-25 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Apr-25 | 0 | 0 | 0 | 40,500 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,643 | 0 | 0 | 40,297 | 8,000 | -127.6 |
| May-25 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,754 | 0 | 0 | 41,584 | 8,000 | -127.6 |
| Jun-25 | 57,832 | 174 | 60,442 | 40,500 | 1,440 | 0 | 0 | 0 | 1,962 | 0 | 44 | 0 | 0 | 0 | 14 | 1,643 | 0 | 0 | 160,738 | 8,000 | -127.6 |
| Jul-25 | 6,782 | 72 | 7,088 | 41,850 | 1,488 | 0 | 0 | 0 | 230 | 0 | 3 | 0 | 0 | 0 | 160 | 1,754 | 0 | 0 | 55,598 | 8,000 | -127.6 |
| Aug-25 | 9,467 | 80 | 9,894 | 41,850 | 1,488 | 0 | 0 | 0 | 321 | 0 | 3 | 0 | 0 | 0 | 162 | 1,018 | 0 | 0 | 61,922 | 8,000 | -127.6 |
| Sep-25 | 18,530 | 75 | 19,367 | 40,500 | 1,440 | 0 | 0 | 0 | 629 | 0 | 1 | 0 | 0 | 0 | 63 | 0 | 0 | 0 | 80,479 | 8,000 | -127.6 |
| Oct-25 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43,338 | 8,000 | -127.6 |
| Nov-25 | 0 | 0 | 0 | 40,500 | 1,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41,940 | 8,000 | -127.6 |
| Dec-25 | 0 | 0 | 0 | 41,850 | 1,488 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43,338 | 8,000 | -127.6 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 | -127.6 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 | -127.6 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 | -127.6 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 | -127.6 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,000 | -127.6 |
| Jun-26 | 57,832 | 1,106 | 59,536 | 0 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 0 | 23,157 | 0 | 89 | 0 | 0 | 0 | 0 | 190,734 | -109.3 |
| Jul-26 | 6,782 | 726 | 6,906 | 0 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 0 | 40,361 | 0 | 1,622 | 0 | 0 | 0 | 0 | 248,888 | -105.4 |
| Aug-26 | 9,467 | 944 | 9,592 | 0 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 0 | 43,409 | 0 | 1,921 | 0 | 0 | 0 | 0 | 317,048 | -102.2 |
| Sep-26 | 18,530 | 1,161 | 18,576 | 0 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 0 | 80,689 | 0 | 974 | 0 | 0 | 0 | 0 | 447,937 | -96.6 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 18,245 | 0 | 0 | 0 | 0 | 0 | 0 | 466,252 | -96.0 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,517 | 0 | 0 | 0 | 0 | 0 | 0 | 481,769 | -95.5 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,041 | 0 | 0 | 0 | 0 | 0 | 0 | 497,810 | -94.9 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,048 | 0 | 0 | 0 | 0 | 0 | 0 | 513,858 | -94.4 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,501 | 0 | 0 | 0 | 0 | 0 | 0 | 528,358 | -93.9 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,061 | 0 | 0 | 0 | 0 | 0 | 0 | 544,420 | -93.4 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,550 | 0 | 0 | 0 | 0 | 0 | 0 | 559,969 | -92.9 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,075 | 0 | 0 | 0 | 0 | 0 | 0 | 576,045 | -92.3 |
| Jun-27 | 57,832 | 3,683 | 57,028 | 0 | 0 | 14,929 | 6,569 | 14,922 | 1,962 | 0 | 2,888 | 0 | 227,203 | 0 | 298 | 0 | 0 | 0 | 0 | 962,763 | -80.8 |
| Jul-27 | 6,782 | 1,727 | 6,629 | 0 | 0 | 1,751 | 761 | 1,844 | 230 | 0 | 339 | 12,284 | 38,085 | 0 | 3,861 | 0 | 0 | 0 | 0 | 1,029,332 | -79.3 |
| Aug-27 | 9,467 | 2,132 | 9,178 | 0 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,520 | 43,757 | 0 | 4,337 | 0 | 0 | 0 | 0 | 1,211,717 | -75.4 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Sep-27 | 18,530 | 2,568 | 17,553 | 0 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,815 | 81,039 | 0 | 2,154 | 0 | 0 | 0 | 0 | 2,021,974 | -60.6 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,305 | 18,615 | 0 | 0 | 0 | 0 | 0 | 0 | 2,061,965 | -59.9 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,870 | 0 | 0 | 0 | 0 | 0 | 0 | 2,077,835 | -59.7 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,401 | 0 | 0 | 0 | 0 | 0 | 0 | 2,094,236 | -59.4 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,403 | 0 | 0 | 0 | 0 | 0 | 0 | 2,110,639 | -59.2 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,346 | 0 | 0 | 0 | 0 | 0 | 0 | 2,125,985 | -58.9 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,406 | 0 | 0 | 0 | 0 | 0 | 0 | 2,142,391 | -58.6 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,878 | 0 | 0 | 0 | 0 | 0 | 0 | 2,158,269 | -58.4 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,409 | 0 | 0 | 0 | 0 | 0 | 0 | 2,174,679 | -58.1 |
| Jun-28 | 57,844 | 9,755 | 51,133 | 0 | 0 | 14,932 | 6,570 | 14,848 | 1,963 | 0 | 2,888 | 2,371,608 | 225,057 | 0 | 789 | 0 | 0 | 0 | 0 | 4,930,487 | -27.2 |
| Jul-28 | 6,782 | 5,068 | 5,702 | 0 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,492 | 41,057 | 0 | 11,329 | 0 | 0 | 0 | 0 | 5,072,260 | -25.9 |
| Aug-28 | 9,467 | 5,674 | 7,942 | 0 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,428 | 44,062 | 0 | 11,544 | 0 | 0 | 0 | 0 | 5,249,958 | -24.4 |
| Sep-28 | 18,530 | 5,524 | 15,403 | 0 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,740 | 81,279 | 0 | 4,633 | 0 | 0 | 0 | 0 | 6,058,707 | -17.5 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,303 | 18,823 | 0 | 0 | 0 | 0 | 0 | 0 | 6,098,903 | -17.2 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,070 | 0 | 0 | 0 | 0 | 0 | 0 | 6,114,974 | -17.0 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,606 | 0 | 0 | 0 | 0 | 0 | 0 | 6,131,579 | -16.9 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,607 | 0 | 0 | 0 | 0 | 0 | 0 | 6,148,186 | -16.8 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,000 | 0 | 0 | 0 | 0 | 0 | 0 | 6,163,186 | -16.7 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,607 | 0 | 0 | 0 | 0 | 0 | 0 | 6,179,793 | -16.6 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,072 | 0 | 0 | 0 | 0 | 0 | 0 | 6,195,865 | -16.4 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,608 | 0 | 0 | 0 | 0 | 0 | 0 | 6,212,473 | -16.3 |
| Jun-29 | 57,832 | 15,752 | 45,285 | 0 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,084 | 225,148 | 0 | 1,274 | 0 | 0 | 0 | 0 | 8,967,492 | 2.2 |
| Jul-29 | 6,782 | 7,492 | 5,029 | 0 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,461 | 41,152 | 0 | 16,747 | 0 | 0 | 0 | 0 | 9,105,662 | 3.1 |
| Aug-29 | 9,467 | 8,425 | 6,982 | 15 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,413 | 44,159 | 0 | 17,142 | 0 | 0 | 0 | 0 | 9,279,649 | 4.1 |
| Sep-29 | 18,530 | 8,310 | 13,376 | 89 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,727 | 81,374 | 0 | 6,970 | 0 | 0 | 0 | 0 | 10,086,990 | 8.8 |
| Oct-29 | 0 | 0 | 0 | 161 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,302 | 18,924 | 0 | 0 | 0 | 0 | 0 | 0 | 10,127,450 | 9.0 |
| Nov-29 | 0 | 0 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,167 | 0 | 0 | 0 | 0 | 0 | 0 | 10,143,780 | 9.1 |
| Dec-29 | 0 | 0 | 0 | 166 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,707 | 0 | 0 | 0 | 0 | 0 | 0 | 10,160,650 | 9.2 |
| Jan-30 | 0 | 0 | 0 | 169 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,707 | 0 | 0 | 0 | 0 | 0 | 0 | 10,177,530 | 9.3 |
| Feb-30 | 0 | 0 | 0 | 155 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,091 | 0 | 0 | 0 | 0 | 0 | 0 | 10,192,770 | 9.4 |
| Mar-30 | 0 | 0 | 0 | 174 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,708 | 0 | 0 | 0 | 0 | 0 | 0 | 10,209,650 | 9.5 |
| Apr-30 | 0 | 0 | 0 | 170 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,170 | 0 | 0 | 0 | 0 | 0 | 0 | 10,225,990 | 9.6 |
| May-30 | 0 | 0 | 0 | 179 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,709 | 0 | 0 | 0 | 0 | 0 | 0 | 10,242,880 | 9.7 |
| Jun-30 | 57,832 | 20,767 | 40,405 | 349 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,074 | 225,254 | 0 | 1,680 | 0 | 0 | 0 | 0 | 12,998,080 | 24.1 |
| Jul-30 | 6,782 | 9,113 | 4,579 | 582 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,451 | 41,273 | 0 | 20,372 | 0 | 0 | 0 | 0 | 13,134,490 | 24.7 |
| Aug-30 | 9,467 | 10,204 | 6,361 | 596 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,403 | 44,280 | 0 | 20,760 | 0 | 0 | 0 | 0 | 13,306,710 | 25.5 |
| Sep-30 | 18,530 | 9,943 | 12,189 | 767 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,717 | 81,445 | 0 | 8,339 | 0 | 0 | 0 | 0 | 14,113,860 | 29.3 |
| Oct-30 | 0 | 0 | 0 | 1,059 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,302 | 18,919 | 0 | 0 | 0 | 0 | 0 | 0 | 14,155,210 | 29.5 |
| Nov-30 | 0 | 0 | 0 | 1,035 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,160 | 0 | 0 | 0 | 0 | 0 | 0 | 14,172,410 | 29.6 |
| Dec-30 | 0 | 0 | 0 | 1,080 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,696 | 0 | 0 | 0 | 0 | 0 | 0 | 14,190,190 | 29.6 |
| Jan-31 | 0 | 0 | 0 | 1,091 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,694 | 0 | 0 | 0 | 0 | 0 | 0 | 14,207,970 | 29.7 |
| Feb-31 | 0 | 0 | 0 | 994 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,076 | 0 | 0 | 0 | 0 | 0 | 0 | 14,224,040 | 29.8 |
| Mar-31 | 0 | 0 | 0 | 1,111 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 0 | 0 | 0 | 0 | 0 | 14,241,840 | 29.9 |
| Apr-31 | 0 | 0 | 0 | 1,085 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,149 | 0 | 0 | 0 | 0 | 0 | 0 | 14,259,070 | 30.0 |
| May-31 | 0 | 0 | 0 | 1,132 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,685 | 0 | 0 | 0 | 0 | 0 | 0 | 14,276,890 | 30.1 |
| Jun-31 | 57,832 | 25,200 | 36,091 | 1,783 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,064 | 225,049 | 0 | 2,038 | 0 | 0 | 0 | 0 | 17,033,070 | 42.0 |
| Jul-31 | 6,782 | 11,058 | 4,040 | 2,721 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,440 | 40,802 | 0 | 24,720 | 0 | 0 | 0 | 0 | 17,168,190 | 42.6 |
| Aug-31 | 9,467 | 12,354 | 5,611 | 2,776 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,392 | 43,793 | 0 | 25,135 | 0 | 0 | 0 | 0 | 17,339,120 | 43.3 |
| Sep-31 | 18,530 | 11,932 | 10,742 | 2,826 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,706 | 80,957 | 0 | 10,008 | 0 | 0 | 0 | 0 | 18,146,710 | 46.7 |
| Oct-31 | 0 | 0 | 0 | 3,052 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,302 | 18,427 | 0 | 0 | 0 | 0 | 0 | 0 | 18,189,560 | 46.8 |
| Nov-31 | 0 | 0 | 0 | 2,959 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,684 | 0 | 0 | 0 | 0 | 0 | 0 | 18,208,200 | 46.9 |
| Dec-31 | 0 | 0 | 0 | 3,063 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,204 | 0 | 0 | 0 | 0 | 0 | 0 | 18,227,470 | 47.0 |
| Jan-32 | 0 | 0 | 0 | 3,068 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,202 | 0 | 0 | 0 | 0 | 0 | 0 | 18,246,740 | 47.1 |
| Feb-32 | 0 | 0 | 0 | 2,875 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,155 | 0 | 0 | 0 | 0 | 0 | 0 | 18,264,770 | 47.1 |
| Mar-32 | 0 | 0 | 0 | 3,078 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,199 | 0 | 0 | 0 | 0 | 0 | 0 | 18,284,050 | 47.2 |
| Apr-32 | 0 | 0 | 0 | 2,983 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,674 | 0 | 0 | 0 | 0 | 0 | 0 | 18,302,700 | 47.3 |
| May-32 | 0 | 0 | 0 | 3,088 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,195 | 0 | 0 | 0 | 0 | 0 | 0 | 18,321,990 | 47.4 |
| Jun-32 | 57,844 | 29,254 | 32,159 | 3,306 | 0 | 14,932 | 6,570 | 14,848 | 1,963 | 0 | 2,888 | 2,371,551 | 224,655 | 0 | 2,366 | 0 | 0 | 0 | 0 | 21,079,590 | 57.7 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Jul-32 | 6,782 | 12,334 | 3,686 | 3,826 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,442 | 40,402 | 0 | 27,571 | 0 | 0 | 0 | 0 | 21,213,490 | 58.1 |
| Aug-32 | 9,467 | 13,713 | 5,137 | 3,853 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,378 | 43,394 | 0 | 27,899 | 0 | 0 | 0 | 0 | 21,383,200 | 58.8 |
| Sep-32 | 18,530 | 12,977 | 9,982 | 3,846 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,692 | 80,578 | 0 | 10,884 | 0 | 0 | 0 | 0 | 22,190,830 | 61.7 |
| Oct-32 | 0 | 0 | 0 | 4,115 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,301 | 18,043 | 0 | 0 | 0 | 0 | 0 | 0 | 22,234,360 | 61.9 |
| Nov-32 | 0 | 0 | 0 | 3,990 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,313 | 0 | 0 | 0 | 0 | 0 | 0 | 22,253,660 | 61.9 |
| Dec-32 | 0 | 0 | 0 | 4,130 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,822 | 0 | 0 | 0 | 0 | 0 | 0 | 22,273,610 | 62.0 |
| Jan-33 | 0 | 0 | 0 | 4,138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,820 | 0 | 0 | 0 | 0 | 0 | 0 | 22,293,570 | 62.1 |
| Feb-33 | 0 | 0 | 0 | 3,744 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,287 | 0 | 0 | 0 | 0 | 0 | 0 | 22,311,600 | 62.1 |
| Mar-33 | 0 | 0 | 0 | 4,152 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,817 | 0 | 0 | 0 | 0 | 0 | 0 | 22,331,570 | 62.2 |
| Apr-33 | 0 | 0 | 0 | 4,025 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,305 | 0 | 0 | 0 | 0 | 0 | 0 | 22,350,900 | 62.3 |
| May-33 | 0 | 0 | 0 | 4,167 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,813 | 0 | 0 | 0 | 0 | 0 | 0 | 22,370,880 | 62.4 |
| Jun-33 | 57,832 | 32,304 | 29,179 | 4,465 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,039 | 224,261 | 0 | 2,613 | 0 | 0 | 0 | 0 | 25,128,540 | 71.7 |
| Jul-33 | 6,782 | 14,126 | 3,189 | 5,168 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,410 | 40,065 | 0 | 31,579 | 0 | 0 | 0 | 0 | 25,260,700 | 72.1 |
| Aug-33 | 9,467 | 15,697 | 4,444 | 5,203 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,363 | 43,061 | 0 | 31,936 | 0 | 0 | 0 | 0 | 25,428,670 | 72.6 |
| Sep-33 | 18,530 | 14,818 | 8,643 | 5,096 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,677 | 80,269 | 0 | 12,428 | 0 | 0 | 0 | 0 | 26,236,180 | 75.2 |
| Oct-33 | 0 | 0 | 0 | 5,270 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,301 | 17,739 | 0 | 0 | 0 | 0 | 0 | 0 | 26,280,560 | 75.3 |
| Nov-33 | 0 | 0 | 0 | 5,100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,019 | 0 | 0 | 0 | 0 | 0 | 0 | 26,300,680 | 75.4 |
| Dec-33 | 0 | 0 | 0 | 5,270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,519 | 0 | 0 | 0 | 0 | 0 | 0 | 26,321,470 | 75.5 |
| Jan-34 | 0 | 0 | 0 | 5,270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,517 | 0 | 0 | 0 | 0 | 0 | 0 | 26,342,260 | 75.5 |
| Feb-34 | 0 | 0 | 0 | 4,760 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,015 | 0 | 0 | 0 | 0 | 0 | 0 | 26,361,030 | 75.6 |
| Mar-34 | 0 | 0 | 0 | 5,270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,515 | 0 | 0 | 0 | 0 | 0 | 0 | 26,381,820 | 75.6 |
| Apr-34 | 0 | 0 | 0 | 5,100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,013 | 0 | 0 | 0 | 0 | 0 | 0 | 26,401,930 | 75.7 |
| May-34 | 0 | 0 | 0 | 5,270 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,513 | 0 | 0 | 0 | 0 | 0 | 0 | 26,422,710 | 75.8 |
| Jun-34 | 57,832 | 35,298 | 26,266 | 5,100 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,025 | 223,998 | 0 | 2,855 | 0 | 0 | 0 | 0 | 29,180,570 | 84.3 |
| Jul-34 | 6,782 | 14,776 | 3,008 | 5,270 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,394 | 39,833 | 0 | 33,032 | 0 | 0 | 0 | 0 | 29,311,600 | 84.7 |
| Aug-34 | 9,467 | 16,418 | 4,193 | 5,270 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,347 | 42,831 | 0 | 33,403 | 0 | 0 | 0 | 0 | 29,478,390 | 85.2 |
| Sep-34 | 18,530 | 15,508 | 8,141 | 5,199 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,662 | 80,046 | 0 | 13,007 | 0 | 0 | 0 | 0 | 30,285,380 | 87.7 |
| Oct-34 | 0 | 0 | 0 | 6,199 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,300 | 17,471 | 0 | 0 | 0 | 0 | 0 | 0 | 30,330,420 | 87.8 |
| Nov-34 | 0 | 0 | 0 | 6,073 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,756 | 0 | 0 | 0 | 0 | 0 | 0 | 30,351,250 | 87.8 |
| Dec-34 | 0 | 0 | 0 | 6,349 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,243 | 0 | 0 | 0 | 0 | 0 | 0 | 30,372,840 | 87.9 |
| Jan-35 | 0 | 0 | 0 | 6,424 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,239 | 0 | 0 | 0 | 0 | 0 | 0 | 30,394,500 | 88.0 |
| Feb-35 | 0 | 0 | 0 | 5,867 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,760 | 0 | 0 | 0 | 0 | 0 | 0 | 30,414,130 | 88.0 |
| Mar-35 | 0 | 0 | 0 | 6,567 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,230 | 0 | 0 | 0 | 0 | 0 | 0 | 30,435,920 | 88.1 |
| Apr-35 | 0 | 0 | 0 | 6,427 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,734 | 0 | 0 | 0 | 0 | 0 | 0 | 30,457,090 | 88.1 |
| May-35 | 0 | 0 | 0 | 6,717 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,220 | 0 | 0 | 0 | 0 | 0 | 0 | 30,479,020 | 88.2 |
| Jun-35 | 57,832 | 38,467 | 23,182 | 10,765 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,371,002 | 223,487 | 0 | 3,111 | 0 | 0 | 0 | 0 | 33,241,840 | 95.9 |
| Jul-35 | 6,782 | 16,538 | 2,519 | 16,662 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,360 | 37,555 | 0 | 36,971 | 0 | 0 | 0 | 0 | 33,379,280 | 96.3 |
| Aug-35 | 9,467 | 18,374 | 3,510 | 17,034 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,311 | 40,237 | 0 | 37,383 | 0 | 0 | 0 | 0 | 33,552,500 | 96.7 |
| Sep-35 | 18,530 | 17,331 | 6,814 | 18,033 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,625 | 76,266 | 0 | 14,537 | 0 | 0 | 0 | 0 | 34,367,470 | 98.9 |
| Oct-35 | 0 | 0 | 0 | 20,197 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,299 | 12,221 | 0 | 0 | 0 | 0 | 0 | 0 | 34,421,260 | 99.1 |
| Nov-35 | 0 | 0 | 0 | 19,645 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,590 | 0 | 0 | 0 | 0 | 0 | 0 | 34,450,500 | 99.2 |
| Dec-35 | 0 | 0 | 0 | 20,399 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,824 | 0 | 0 | 0 | 0 | 0 | 0 | 34,480,720 | 99.2 |
| Jan-36 | 0 | 0 | 0 | 20,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,736 | 0 | 0 | 0 | 0 | 0 | 0 | 34,510,950 | 99.3 |
| Feb-36 | 0 | 0 | 0 | 19,269 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,028 | 0 | 0 | 0 | 0 | 0 | 0 | 34,539,250 | 99.4 |
| Mar-36 | 0 | 0 | 0 | 20,696 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,566 | 0 | 0 | 0 | 0 | 0 | 0 | 34,569,510 | 99.5 |
| Apr-36 | 0 | 0 | 0 | 20,125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,174 | 0 | 0 | 0 | 0 | 0 | 0 | 34,598,810 | 99.6 |
| May-36 | 0 | 0 | 0 | 20,896 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,393 | 0 | 0 | 0 | 0 | 0 | 0 | 34,629,100 | 99.6 |
| Jun-36 | 57,844 | 41,529 | 20,215 | 24,576 | 0 | 14,932 | 6,570 | 14,848 | 1,963 | 0 | 2,888 | 2,371,436 | 213,865 | 0 | 3,358 | 0 | 0 | 0 | 0 | 37,396,410 | 106.9 |
| Jul-36 | 6,782 | 17,802 | 2,169 | 31,105 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,247 | 22,503 | 0 | 39,796 | 0 | 0 | 0 | 0 | 37,531,220 | 107.3 |
| Aug-36 | 9,467 | 19,822 | 3,005 | 31,487 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,178 | 25,061 | 0 | 40,328 | 0 | 0 | 0 | 0 | 37,701,580 | 107.7 |
| Sep-36 | 18,530 | 18,876 | 5,690 | 32,094 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,480 | 61,050 | 0 | 15,832 | 0 | 0 | 0 | 0 | 38,514,380 | 109.8 |
| Oct-36 | 0 | 0 | 0 | 34,813 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,294 | 2,023 | 0 | 0 | 0 | 0 | 0 | 0 | 38,572,580 | 110.0 |
| Nov-36 | 0 | 0 | 0 | 33,809 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,606,380 | 110.1 |
| Dec-36 | 0 | 0 | 0 | 35,058 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,641,440 | 110.2 |
| Jan-37 | 0 | 0 | 0 | 35,181 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,676,620 | 110.2 |
| Feb-37 | 0 | 0 | 0 | 31,883 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,708,510 | 110.3 |
| Mar-37 | 0 | 0 | 0 | 35,418 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,743,920 | 110.4 |
| Apr-37 | 0 | 0 | 0 | 34,395 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,778,320 | 110.5 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| May-37 | 0 | 0 | 0 | 35,665 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38,813,980 | 110.6 |
| Jun-37 | 57,832 | 45,556 | 16,284 | 33,493 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,370,811 | 154,059 | 0 | 3,685 | 0 | 0 | 0 | 0 | 41,529,530 | 117.1 |
| Jul-37 | 6,782 | 18,983 | 1,841 | 32,312 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,166 | 19,694 | 0 | 42,436 | 0 | 0 | 0 | 0 | 41,660,870 | 117.4 |
| Aug-37 | 9,467 | 21,086 | 2,564 | 32,156 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,119 | 22,825 | 0 | 42,901 | 0 | 0 | 0 | 0 | 41,827,860 | 117.8 |
| Sep-37 | 18,530 | 19,873 | 4,965 | 30,442 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,444 | 61,249 | 0 | 16,668 | 0 | 0 | 0 | 0 | 42,638,600 | 119.8 |
| Oct-37 | 0 | 0 | 0 | 30,778 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,293 | 2,102 | 0 | 0 | 0 | 0 | 0 | 0 | 42,692,840 | 119.9 |
| Nov-37 | 0 | 0 | 0 | 29,742 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,722,580 | 120.0 |
| Dec-37 | 0 | 0 | 0 | 30,689 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,753,270 | 120.0 |
| Jan-38 | 0 | 0 | 0 | 30,645 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,783,920 | 120.1 |
| Feb-38 | 0 | 0 | 0 | 27,641 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,811,560 | 120.2 |
| Mar-38 | 0 | 0 | 0 | 30,561 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,842,120 | 120.2 |
| Apr-38 | 0 | 0 | 0 | 29,533 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,871,650 | 120.3 |
| May-38 | 0 | 0 | 0 | 30,474 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 42,902,130 | 120.4 |
| Jun-38 | 57,832 | 47,004 | 14,876 | 27,084 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,370,822 | 186,513 | 0 | 3,802 | 0 | 0 | 0 | 0 | 45,643,650 | 126.8 |
| Jul-38 | 6,782 | 19,553 | 1,683 | 22,478 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,208 | 28,141 | 0 | 43,710 | 0 | 0 | 0 | 0 | 45,772,780 | 127.1 |
| Aug-38 | 9,467 | 21,755 | 2,330 | 22,051 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,163 | 31,524 | 0 | 44,262 | 0 | 0 | 0 | 0 | 45,937,480 | 127.4 |
| Sep-38 | 18,530 | 20,667 | 4,388 | 19,450 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 679,497 | 70,756 | 0 | 17,334 | 0 | 0 | 0 | 0 | 46,746,340 | 129.2 |
| Oct-38 | 0 | 0 | 0 | 18,184 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,295 | 9,707 | 0 | 0 | 0 | 0 | 0 | 0 | 46,795,600 | 129.3 |
| Nov-38 | 0 | 0 | 0 | 17,493 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,346 | 0 | 0 | 0 | 0 | 0 | 0 | 46,820,440 | 129.4 |
| Dec-38 | 0 | 0 | 0 | 17,971 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,685 | 0 | 0 | 0 | 0 | 0 | 0 | 46,846,090 | 129.4 |
| Jan-39 | 0 | 0 | 0 | 17,865 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,779 | 0 | 0 | 0 | 0 | 0 | 0 | 46,871,740 | 129.5 |
| Feb-39 | 0 | 0 | 0 | 16,044 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,108 | 0 | 0 | 0 | 0 | 0 | 0 | 46,894,890 | 129.5 |
| Mar-39 | 0 | 0 | 0 | 17,662 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,959 | 0 | 0 | 0 | 0 | 0 | 0 | 46,920,510 | 129.6 |
| Apr-39 | 0 | 0 | 0 | 16,991 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,793 | 0 | 0 | 0 | 0 | 0 | 0 | 46,945,300 | 129.7 |
| May-39 | 0 | 0 | 0 | 17,453 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,145 | 0 | 0 | 0 | 0 | 0 | 0 | 46,970,890 | 129.7 |
| Jun-39 | 57,832 | 50,470 | 11,503 | 12,077 | 0 | 14,929 | 6,569 | 14,845 | 1,962 | 0 | 2,888 | 2,370,956 | 220,423 | 0 | 4,082 | 0 | 0 | 0 | 0 | 49,731,260 | 135.7 |
| Jul-39 | 6,782 | 21,413 | 1,167 | 7,236 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 89,619 | 38,305 | 0 | 47,868 | 0 | 0 | 0 | 0 | 49,852,920 | 136.0 |
| Aug-39 | 9,467 | 23,786 | 1,622 | 6,969 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 115,595 | 41,313 | 0 | 48,393 | 0 | 0 | 0 | 0 | 50,009,940 | 136.3 |
| Sep-39 | 18,530 | 22,429 | 3,106 | 5,490 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 680,009 | 78,629 | 0 | 18,812 | 0 | 0 | 0 | 0 | 50,812,230 | 138.0 |
| Oct-39 | 0 | 0 | 0 | 4,404 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,315 | 16,098 | 0 | 0 | 0 | 0 | 0 | 0 | 50,854,120 | 138.1 |
| Nov-39 | 0 | 0 | 0 | 4,211 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,434 | 0 | 0 | 0 | 0 | 0 | 0 | 50,871,760 | 138.1 |
| Dec-39 | 0 | 0 | 0 | 4,301 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,882 | 0 | 0 | 0 | 0 | 0 | 0 | 50,889,950 | 138.1 |
| Jan-40 | 0 | 0 | 0 | 4,251 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,883 | 0 | 0 | 0 | 0 | 0 | 0 | 50,908,080 | 138.2 |
| Feb-40 | 0 | 0 | 0 | 3,931 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,989 | 0 | 0 | 0 | 0 | 0 | 0 | 50,925,000 | 138.2 |
| Mar-40 | 0 | 0 | 0 | 4,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,885 | 0 | 0 | 0 | 0 | 0 | 0 | 50,943,040 | 138.2 |
| Apr-40 | 0 | 0 | 0 | 3,971 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,438 | 0 | 0 | 0 | 0 | 0 | 0 | 50,960,450 | 138.3 |
| May-40 | 0 | 0 | 0 | 4,054 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,887 | 0 | 0 | 0 | 0 | 0 | 0 | 50,978,390 | 138.3 |
| Jun-40 | 57,844 | 53,235 | 8,824 | 1,243 | 0 | 14,932 | 6,570 | 14,848 | 1,963 | 0 | 2,888 | 2,372,796 | 222,102 | 0 | 4,305 | 0 | 297 | 0 | 0 | 53,731,030 | 144.0 |
| Jul-40 | 6,782 | 22,324 | 914 | 0 | 0 | 1,751 | 761 | 1,921 | 230 | 0 | 339 | 95,612 | 34,032 | 0 | 49,904 | 0 | 617 | 0 | 0 | 53,845,180 | 144.2 |
| Aug-40 | 9,467 | 24,817 | 1,262 | 0 | 0 | 2,444 | 1,056 | 2,374 | 321 | 0 | 473 | 121,968 | 36,681 | 0 | 50,491 | 0 | 592 | 0 | 0 | 53,994,960 | 144.5 |
| Sep-40 | 18,530 | 23,500 | 2,327 | 0 | 0 | 4,783 | 2,043 | 4,526 | 629 | 0 | 925 | 688,119 | 72,398 | 0 | 19,710 | 0 | 447 | 0 | 0 | 54,792,580 | 146.1 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 21,646 | 7,756 | 0 | 0 | 0 | 335 | 0 | 0 | 54,821,720 | 146.1 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,330 | 0 | 0 | 0 | 323 | 0 | 0 | 54,826,720 | 146.1 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,487 | 0 | 0 | 0 | 332 | 0 | 0 | 54,831,880 | 146.2 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,466 | 0 | 0 | 0 | 331 | 0 | 0 | 54,837,010 | 146.2 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,919 | 0 | 0 | 0 | 298 | 0 | 0 | 54,841,640 | 146.2 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,427 | 0 | 0 | 0 | 328 | 0 | 0 | 54,846,730 | 146.2 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,232 | 0 | 0 | 0 | 316 | 0 | 0 | 54,851,650 | 146.2 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,386 | 0 | 0 | 0 | 325 | 0 | 0 | 54,856,710 | 146.2 |
| Jun-41 | 57,832 | 56,347 | 5,785 | 0 | 0 | 14,929 | 6,569 | 14,916 | 1,962 | 0 | 2,888 | 38,846 | 9,868 | 193 | 206 | 0 | 207 | 0 | 0 | 54,907,870 | 146.3 |
| Jul-41 | 6,782 | 23,552 | 574 | 0 | 0 | 1,751 | 761 | 1,732 | 230 | 0 | 339 | 0 | 0 | 124 | 0 | 0 | 124 | 0 | 0 | 54,907,870 | 146.3 |
| Aug-41 | 9,467 | 26,156 | 795 | 0 | 0 | 2,444 | 1,056 | 2,384 | 321 | 0 | 473 | 0 | 0 | 120 | 0 | 0 | 120 | 0 | 0 | 54,907,870 | 146.3 |
| Sep-41 | 18,530 | 24,655 | 1,487 | 0 | 0 | 4,783 | 2,043 | 4,558 | 629 | 0 | 925 | 0 | 0 | 96 | 0 | 0 | 96 | 0 | 0 | 54,907,870 | 146.3 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 0 | 0 | 54,907,870 | 146.3 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 77 | 0 | 0 | 54,907,870 | 146.3 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 0 | 0 | 54,907,870 | 146.3 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 0 | 0 | 54,907,870 | 146.3 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 72 | 0 | 0 | 54,907,870 | 146.3 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 0 | 0 | 54,907,870 | 146.3 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 77 | 0 | 0 | 54,907,870 | 146.3 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 80 | 0 | 0 | 54,907,870 | 146.3 |
| Jun-42 | 57,832 | 58,492 | 3,697 | 0 | 0 | 14,929 | 6,569 | 15,043 | 1,962 | 0 | 2,888 | 0 | 0 | 26 | 0 | 0 | 26 | 0 | 0 | 54,907,870 | 146.3 |
| Jul-42 | 6,782 | 24,394 | 340 | 0 | 0 | 1,751 | 761 | 1,785 | 230 | 0 | 339 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,907,870 | 146.3 |
| Aug-42 | 9,467 | 27,090 | 469 | 0 | 0 | 2,444 | 1,056 | 2,384 | 321 | 0 | 473 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54,907,870 | 146.3 |
| Sep-42 | 18,530 | 25,475 | 890 | 0 | 0 | 4,783 | 2,043 | 4,558 | 629 | 0 | 925 | 0 | 0 | 22 | 0 | 0 | 22 | 0 | 0 | 54,907,870 | 146.3 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 43 | 0 | 0 | 54,907,870 | 146.3 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 55 | 0 | 0 | 54,907,870 | 146.3 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 0 | 0 | 68 | 0 | 0 | 54,907,870 | 146.3 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76.49649 | 0 | 0 | 76.49649 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 75.29357 | 0 | 0 | 75.29357 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 88.54272 | 0 | 0 | 88.54272 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90.40202 | 0 | 0 | 90.40202 | 0 | 0 | 5.49E+07 | 146.3 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96.97668 | 0 | 0 | 96.97668 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-43 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 97.20657 | 0 | 0 | 97.20657 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-43 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 103.3729 | 0 | 0 | 103.3729 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-43 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 105.6294 | 0 | 0 | 105.6294 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-43 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 104.3658 | 0 | 0 | 104.3658 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 110.0322 | 0 | 0 | 110.0322 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108.0538 | 0 | 0 | 108.0538 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.0339 | 0 | 0 | 113.0339 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114.4348 | 0 | 0 | 114.4348 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108.3201 | 0 | 0 | 108.3201 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 117.1204 | 0 | 0 | 117.1204 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 114.276 | 0 | 0 | 114.276 | 0 | 0 | 5.49E+07 | 146.3 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118.9151 | 0 | 0 | 118.9151 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-44 | 57844.06 | 59452.77 | 2774.344 | 0 | 0 | 14931.98 | 6569.962 | 15067.29 | 1962.824 | 0 | 2888.414 | 0 | 0 | 115.8822 | 0 | 0 | 115.8822 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-44 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.481 | 230.1244 | 0 | 338.642 | 0 | 0 | 120.5748 | 0 | 0 | 120.5748 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-44 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 121.419 | 0 | 0 | 121.419 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-44 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 118.3056 | 0 | 0 | 118.3056 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 122.891 | 0 | 0 | 122.891 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119.3101 | 0 | 0 | 119.3101 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123.6818 | 0 | 0 | 123.6818 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124.083 | 0 | 0 | 124.083 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112.4198 | 0 | 0 | 112.4198 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124.8465 | 0 | 0 | 124.8465 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121.2012 | 0 | 0 | 121.2012 | 0 | 0 | 5.49E+07 | 146.3 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.636 | 0 | 0 | 125.636 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-45 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 121.8904 | 0 | 0 | 121.8904 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-45 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 125.9801 | 0 | 0 | 125.9801 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-45 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 125.9805 | 0 | 0 | 125.9805 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-45 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 121.917 | 0 | 0 | 121.917 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 125.9813 | 0 | 0 | 125.9813 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121.9177 | 0 | 0 | 121.9177 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.9821 | 0 | 0 | 125.9821 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.9824 | 0 | 0 | 125.9824 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.7909 | 0 | 0 | 113.7909 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.9832 | 0 | 0 | 125.9832 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 121.9196 | 0 | 0 | 121.9196 | 0 | 0 | 5.49E+07 | 146.3 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 125.8702 | 0 | 0 | 125.8702 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-46 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 121.5242 | 0 | 0 | 121.5242 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-46 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 125.2771 | 0 | 0 | 125.2771 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-46 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 124.974 | 0 | 0 | 124.974 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-46 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 120.6542 | 0 | 0 | 120.6542 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 124.3784 | 0 | 0 | 124.3784 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120.0778 | 0 | 0 | 120.0778 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123.7825 | 0 | 0 | 123.7825 | 0 | 0 | 5.49E+07 | 146.3 |

## WHALE TAIL PIT

| | INFLOWS | | | | | | | | | | | | | | OUTFLOWS | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | | | | | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Land Runoff | Lake Runoff | Pit Wall Runoff | Groundwater | Drilling Water | GSP-1 | North Sector | IVR WRSF (Closure) | Overburden Runoff | Ore 4 Runoff | NPAG Runoff | IVR Pit Overflow | Whale Tail Attenuation Pond Overflow | Drawdown from WTN | Evaporation | Drill Water Loss | Groundwater | Whale Tail Attenuation Pond | IVR Attenuation Pond | Volume | Water Level |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 123.4797 | 0 | 0 | 123.4797 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 111.2698 | 0 | 0 | 111.2698 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122.9033 | 0 | 0 | 122.9033 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118.6504 | 0 | 0 | 118.6504 | 0 | 0 | 5.49E+07 | 146.3 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122.2419 | 0 | 0 | 122.2419 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-47 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 117.8452 | 0 | 0 | 117.8452 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-47 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 121.3034 | 0 | 0 | 121.3034 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-47 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 120.8253 | 0 | 0 | 120.8253 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-47 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 116.4727 | 0 | 0 | 116.4727 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 119.8856 | 0 | 0 | 119.8856 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115.5635 | 0 | 0 | 115.5635 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118.9456 | 0 | 0 | 118.9456 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 118.4679 | 0 | 0 | 118.4679 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110.3923 | 0 | 0 | 110.3923 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 117.5432 | 0 | 0 | 117.5432 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.2967 | 0 | 0 | 113.2967 | 0 | 0 | 5.49E+07 | 146.3 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 116.5881 | 0 | 0 | 116.5881 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-48 | 57844.06 | 59452.77 | 2774.344 | 0 | 0 | 14931.98 | 6569.962 | 15067.29 | 1962.824 | 0 | 2888.414 | 0 | 0 | 112.3367 | 0 | 0 | 112.3367 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-48 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.481 | 230.1244 | 0 | 338.642 | 0 | 0 | 115.5744 | 0 | 0 | 115.5744 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-48 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 115.0587 | 0 | 0 | 115.0587 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-48 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 110.8564 | 0 | 0 | 110.8564 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 114.0452 | 0 | 0 | 114.0452 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109.8758 | 0 | 0 | 109.8758 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 113.0313 | 0 | 0 | 113.0313 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 112.5161 | 0 | 0 | 112.5161 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101.1846 | 0 | 0 | 101.1846 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 111.5355 | 0 | 0 | 111.5355 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107.4469 | 0 | 0 | 107.4469 | 0 | 0 | 5.49E+07 | 146.3 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 110.5284 | 0 | 0 | 110.5284 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-49 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 106.4885 | 0 | 0 | 106.4885 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-49 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 109.5479 | 0 | 0 | 109.5479 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-49 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 109.0493 | 0 | 0 | 109.0493 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-49 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 105.057 | 0 | 0 | 105.057 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 108.0693 | 0 | 0 | 108.0693 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104.1088 | 0 | 0 | 104.1088 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107.0889 | 0 | 0 | 107.0889 | 0 | 0 | 5.49E+07 | 146.3 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 106.5907 | 0 | 0 | 106.5907 | 0 | 0 | 5.49E+07 | 146.3 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95.8472 | 0 | 0 | 95.8472 | 0 | 0 | 5.49E+07 | 146.3 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 105.6424 | 0 | 0 | 105.6424 | 0 | 0 | 5.49E+07 | 146.3 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 101.7602 | 0 | 0 | 101.7602 | 0 | 0 | 5.49E+07 | 146.3 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104.6761 | 0 | 0 | 104.6761 | 0 | 0 | 5.49E+07 | 146.3 |
| Jun-50 | 57832.1 | 59440.8 | 2773.77 | 0 | 0 | 14928.89 | 6568.646 | 15064.37 | 1962.418 | 0 | 2887.817 | 0 | 0 | 100.8582 | 0 | 0 | 100.8582 | 0 | 0 | 5.49E+07 | 146.3 |
| Jul-50 | 6781.724 | 24447.18 | 325.2681 | 0 | 0 | 1750.647 | 760.8514 | 1921.436 | 230.1244 | 0 | 338.642 | 0 | 0 | 103.7643 | 0 | 0 | 103.7643 | 0 | 0 | 5.49E+07 | 146.3 |
| Aug-50 | 9466.761 | 27132.5 | 454.049 | 0 | 0 | 2443.767 | 1056.134 | 2374.293 | 321.2358 | 0 | 472.7179 | 0 | 0 | 103.3007 | 0 | 0 | 103.3007 | 0 | 0 | 5.49E+07 | 146.3 |
| Sep-50 | 18530.28 | 25477.03 | 888.7578 | 0 | 0 | 4783.442 | 2042.688 | 4525.798 | 628.7885 | 0 | 925.3004 | 0 | 0 | 99.52715 | 0 | 0 | 99.52715 | 0 | 0 | 5.49E+07 | 146.3 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 0 | 102.3895 | 0 | 0 | 102.3895 | 0 | 0 | 5.49E+07 | 146.3 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98.64547 | 0 | 0 | 98.64547 | 0 | 0 | 5.49E+07 | 146.3 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98.2116 | 0 | 0 | 98.2116 | 0 | 0 | 5.49E+07 | 146.3 |

## WHALE TAIL LAKE (NORTH BASIN) & WHALE TAIL ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Clean Area Runoff | Lakebed Sediment Runoff | Direct Precipitation | Whale Tail WRSF | Groundwater to Attn Pond | GW to WTN | Seepage Thru Dike | Dust Control | Truck Shop | Camp Biodisk | Industrial Sector | Camp Sector Runoff | Ore Stockpile | Natural WT Pit Runoff | NPAG to Attn Pond | Northeast Sector | East Sector Runoff | North Sector / Sump | Whale Tail Lake (South Basin) | IVR WRSF | IVR Pit | IVR Pit Sector Runoff (Closure) | Whale Tail Pit | Whale Tail Pit Sector Runoff | Pumped from WTS to WTN | Overburden | Lake A16 (Mammoth Lake) | Dewatering to WT Lake (South) bypass C-WTP | Dewatering to WT Lake (South) through C-WTP | O-WTP | STP (Brackish) | IVR Attenuation Pond | Groundwater | Evaporation | Drawdown to WT Pit | WTN to Pits | GSP1 | Overflow to WT WRSF | Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.51 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.51 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.51 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.52 |
| Jun-18 | 55,516 | 0 | 72,670 | 0 | 0 | 0 | 0 | 0 | 0 | 2,334 | 0 | 0 | 0 | 140,921 | 0 | 235,933 | 115,154 | 25,877 | 2,299,747 | 48,937 | 0 | 0 | 0 | 0 | 0 | 0 | 3,002,958 | 0 | 0 | 0 | 0 | 0 | 0 | 5,878 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Jul-18 | 6,510 | 0 | 29,886 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 15,250 | 0 | 22,599 | 5,652 | 3,035 | 0 | 5,739 | 0 | 0 | 0 | 0 | 0 | 0 | 24,273 | 0 | 0 | 0 | 0 | 0 | 0 | 66,809 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Aug-18 | 9,088 | 0 | 33,169 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 21,287 | 0 | 33,497 | 12,010 | 4,236 | 0 | 8,011 | 0 | 0 | 0 | 0 | 0 | 0 | 56,226 | 0 | 0 | 0 | 0 | 0 | 0 | 67,484 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Sep-18 | 17,788 | 0 | 31,145 | 0 | 0 | 0 | 0 | 0 | 0 | 2,334 | 0 | 0 | 0 | 41,668 | 0 | 73,742 | 40,778 | 8,292 | 0 | 15,680 | 0 | 0 | 0 | 0 | 0 | 0 | 205,305 | 0 | 0 | 0 | 0 | 0 | 0 | 26,123 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.50 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.03E+06 | 152.51 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.51 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.51 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,178 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.04E+06 | 152.52 |
| Mar-19 | 0 | 0 | 0 | 0 | 39,900 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,377,778 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.71E+06 | 150.08 |
| Apr-19 | 0 | 0 | 0 | 0 | 21,280 | 0 | 0 | 0 | 0 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 666,667 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.06E+06 | 148.38 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.07E+06 | 148.39 |
| Jun-19 | 55,516 | 31,113 | 4,779 | 70,929 | 8,675 | 7,980 | 16,111 | 0 | 2,555 | 2,334 | 9,390 | 19,149 | 4,027 | 22,603 | 0 | 0 | 139,495 | 25,877 | 0 | 0 | 0 | 0 | 119,853 | 0 | 0 | 0 | 0 | 0 | 0 | 1,128,365 | 462,519 | 0 | 0 | 4,461 | 387 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-19 | 6,510 | 4,094 | 359 | 9,678 | 10,850 | 0 | 20,150 | 0 | 3,196 | 2,412 | 1,294 | 2,718 | 617 | 0 | 0 | 0 | 5,652 | 3,035 | 0 | 0 | 0 | 0 | 43,138 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107,320 | 0 | 0 | 5,580 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-19 | 9,088 | 5,715 | 399 | 12,919 | 10,850 | 0 | 20,150 | 0 | 3,196 | 2,412 | 1,745 | 3,794 | 932 | 0 | 0 | 0 | 12,010 | 4,236 | 0 | 0 | 0 | 0 | 48,918 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129,974 | 0 | 0 | 5,580 | 811 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Sep-19 | 17,788 | 11,187 | 374 | 24,119 | 10,500 | 0 | 19,500 | 0 | 3,093 | 2,334 | 3,299 | 7,426 | 1,961 | 0 | 0 | 0 | 40,778 | 8,292 | 0 | 0 | 0 | 0 | 67,690 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 212,628 | 0 | 0 | 5,400 | 314 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Oct-19 | 0 | 0 | 0 | 0 | 10,850 | 0 | 20,150 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,680 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,580 | 0 | 0 | 0 | 0 | 0 | 69,708 | 141.50 |
| Nov-19 | 0 | 0 | 0 | 0 | 10,500 | 0 | 19,500 | 0 | 3,093 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,844 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,400 | 0 | 0 | 0 | 0 | 0 | 127,579 | 143.35 |
| Dec-19 | 0 | 0 | 0 | 0 | 10,850 | 0 | 20,150 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,680 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,580 | 0 | 0 | 54,055 | 0 | 0 | 133,232 | 143.50 |
| Jan-20 | 0 | 0 | 0 | 0 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,660 | 0 | 0 | 28,708 | 0 | 0 | 133,232 | 143.50 |
| Feb-20 | 0 | 0 | 0 | 0 | 3,480 | 0 | 10,440 | 0 | 2,990 | 2,256 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,803 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24,940 | 0 | 0 | 27,029 | 0 | 0 | 133,232 | 143.50 |
| Mar-20 | 0 | 0 | 0 | 0 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,660 | 0 | 0 | 28,708 | 0 | 0 | 133,232 | 143.50 |
| Apr-20 | 0 | 0 | 0 | 0 | 3,600 | 0 | 10,800 | 0 | 3,093 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33,844 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,800 | 0 | 0 | 27,871 | 0 | 0 | 133,232 | 143.50 |
| May-20 | 0 | 0 | 0 | 0 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,660 | 0 | 0 | 28,708 | 0 | 0 | 133,232 | 143.50 |
| Jun-20 | 52,113 | 33,305 | 2,534 | 47,379 | 3,600 | 0 | 10,800 | 0 | 3,093 | 2,334 | 6,987 | 23,182 | 9,814 | 0 | 37 | 0 | 0 | 25,883 | 0 | 0 | 0 | 0 | 158,359 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 476,647 | 0 | 0 | 25,800 | 205 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-20 | 6,037 | 4,094 | 359 | 5,173 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 776 | 2,718 | 1,198 | 0 | 3 | 0 | 21 | 3,035 | 0 | 4,290 | 16,222 | 0 | 50,426 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87,355 | 0 | 0 | 26,660 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-20 | 8,324 | 5,715 | 399 | 6,705 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 1,021 | 3,794 | 1,739 | 0 | 4 | 0 | 0 | 4,236 | 0 | 5,673 | 22,050 | 0 | 56,201 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108,876 | 0 | 0 | 26,660 | 811 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Sep-20 | 16,093 | 11,187 | 374 | 12,074 | 3,600 | 0 | 10,800 | 0 | 3,093 | 2,334 | 1,879 | 7,426 | 3,532 | 0 | 1 | 0 | 0 | 8,292 | 0 | 10,487 | 41,742 | 0 | 74,901 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 181,702 | 0 | 0 | 25,800 | 314 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Oct-20 | 0 | 0 | 0 | 0 | 3,720 | 0 | 11,160 | 0 | 3,196 | 2,412 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,537 | 0 | 36,319 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 26,660 | 0 | 0 | 0 | 0 | 0 | 10,684 | 137.90 |
| Nov-20 | 0 | 0 | 0 | 0 | 3,600 | 0 | 10,800 | 0 | 3,093 | 2,334 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,532 | 0 | 35,192 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 25,800 | 0 | 0 | 0 | 0 | 0 | 11,435 | 137.99 |
| Dec-20 | 0 | 0 | 0 | 0 | 3,720 | 0 | 11,160 | 0 | 3,196 | 4,125 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,537 | 0 | 36,319 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 26,660 | 0 | 0 | 0 | 0 | 0 | 13,832 | 138.25 |
| Jan-21 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 40,654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 32,550 | 0 | 0 | 0 | 0 | 0 | 15,411 | 138.40 |
| Feb-21 | 0 | 0 | 0 | 0 | 2,520 | 0 | 10,220 | 0 | 2,887 | 5,376 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 36,873 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,000 | 0 | 29,400 | 0 | 0 | 0 | 0 | 0 | 17,144 | 138.56 |
| Mar-21 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 40,654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 32,550 | 0 | 0 | 0 | 0 | 0 | 18,723 | 138.70 |
| Apr-21 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,950 | 0 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 39,397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 31,500 | 0 | 0 | 0 | 0 | 0 | 20,360 | 138.84 |
| May-21 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 40,654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 32,550 | 0 | 0 | 0 | 0 | 0 | 21,939 | 138.97 |
| Jun-21 | 48,057 | 34,899 | 889 | 26,866 | 2,700 | 0 | 10,950 | 0 | 3,093 | 5,760 | 4,569 | 23,178 | 12,424 | 0 | 80 | 0 | 0 | 17,069 | 0 | 25,681 | 119,605 | 0 | 163,913 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 480,098 | 0 | 0 | 31,500 | 72 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-21 | 5,635 | 4,094 | 359 | 3,078 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 536 | 2,718 | 1,457 | 0 | 6 | 0 | 0 | 1,807 | 0 | 3,000 | 14,876 | 0 | 55,064 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82,532 | 0 | 0 | 32,550 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-21 | 7,867 | 5,715 | 399 | 4,229 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 748 | 3,794 | 2,034 | 0 | 6 | 0 | 0 | 2,249 | 0 | 4,181 | 20,086 | 0 | 60,843 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102,043 | 0 | 0 | 32,550 | 811 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Sep-21 | 15,398 | 11,187 | 374 | 8,087 | 2,700 | 0 | 10,950 | 0 | 3,093 | 5,760 | 1,464 | 7,426 | 3,981 | 0 | 2 | 0 | 0 | 3,865 | 0 | 8,156 | 37,835 | 0 | 79,224 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167,690 | 0 | 0 | 31,500 | 314 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Oct-21 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 40,654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 32,550 | 0 | 0 | 0 | 0 | 0 | 11,579 | 138.01 |
| Nov-21 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,950 | 0 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 39,397 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 31,500 | 0 | 0 | 0 | 0 | 0 | 13,217 | 138.18 |
| Dec-21 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,315 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 40,654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 32,550 | 0 | 0 | 0 | 0 | 0 | 14,796 | 138.34 |
| Jan-22 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 41,894 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 33,790 | 0 | 0 | 0 | 0 | 0 | 16,220 | 138.48 |
| Feb-22 | 0 | 0 | 0 | 0 | 2,520 | 0 | 10,080 | 0 | 2,887 | 5,376 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 37,993 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,000 | 0 | 30,520 | 0 | 0 | 0 | 0 | 0 | 17,812 | 138.62 |
| Mar-22 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 41,894 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 33,790 | 0 | 0 | 0 | 0 | 0 | 19,236 | 138.74 |
| Apr-22 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,800 | 0 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 40,597 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,700 | 0 | 0 | 0 | 0 | 0 | 50,724 | 140.69 |
| May-22 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 41,894 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33,790 | 0 | 0 | 0 | 0 | 0 | 83,148 | 142.00 |
| Jun-22 | 43,649 | 34,763 | 1,029 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 4,569 | 23,178 | 12,424 | 0 | 127 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 173,603 | 32,700 | 83 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-22 | 5,024 | 4,094 | 359 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 536 | 2,718 | 1,457 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27,345 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-22 | 6,879 | 5,715 | 399 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 748 | 3,794 | 2,034 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,717 | 811 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Sep-22 | 13,205 | 11,187 | 374 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 1,464 | 7,426 | 3,981 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18,128 | 32,700 | 314 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Oct-22 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Nov-22 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,500 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Dec-22 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jan-23 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Feb-23 | 0 | 0 | 0 | 0 | 2,520 | 0 | 10,080 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,600 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Mar-23 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Apr-23 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,500 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| May-23 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jun-23 | 38,395 | 34,914 | 873 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 3,965 | 23,178 | 13,028 | 0 | 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95,266 | 32,700 | 71 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-23 | 4,502 | 4,094 | 359 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 452 | 2,718 | 1,541 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,827 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-23 | 6,285 | 5,715 | 399 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 612 | 3,794 | 2,169 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32,127 | 811 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Sep-23 | 12,302 | 11,187 | 374 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 1,163 | 7,426 | 4,282 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,225 | 32,700 | 314 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Oct-23 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Nov-23 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,500 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Dec-23 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jan-24 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Feb-24 | 0 | 0 | 0 | 0 | 2,610 | 0 | 10,440 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,050 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Mar-24 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Apr-24 | 0 | 0 | 0 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,500 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| May-24 | 0 | 0 | 0 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,950 | 0 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jun-24 | 38,403 | 34,921 | 874 | 0 | 2,700 | 0 | 10,800 | 0 | 0 | 0 | 3,147 | 23,182 | 13,850 | 0 | 183 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95,289 | 32,700 | 71 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Jul-24 | 4,502 | 4,094 | 359 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 367 | 2,718 | 1,626 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,827 | 803 | 0 | 0 | 0 | 0 | 10,000 | 137.82 |
| Aug-24 | 6,285 | 5,715 | 399 | 0 | 2,790 | 0 | 11,160 | 0 | 0 | 0 | 509 | 3,794 | 2,273 | 0 | 13 | 0 | 0 | 0 | 0 | 

## WHALE TAIL LAKE (NORTH BASIN) & WHALE TAIL ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | | | | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Clean Area Runoff | Lakebed Sediment Runoff | Direct Precipitation | Whale Tail WRSF | Groundwater to Attn Pond | GW to WTN | Seepage Thru Dike | Dust Control | Truck Shop | Camp Biodisk | Industrial Sector | Camp Sector Runoff | Ore Stockpile | Natural WT Pit Runoff | NPAG to Attn Pond | Northeast Sector | East Sector Runoff | North Sector / Sump | Whale Tail Lake (South Basin) | IVR WRSF | IVR Pit | IVR Pit Sector Runoff (Closure) | Whale Tail Pit | Whale Tail Pit Sector Runoff | Pumped from WTS to WTN | Overburden | Lake A16 (Mammoth Lake) | Dewatering to WT Lake (South) bypass C-WTP | Dewatering to WT Lake (South) through C-WTP | O-WTP | STP (Brackish) | IVR Attenuation Pond | Groundwater | Evaporation | Drawdown to WT Pit | WTN to Pits | GSP1 | Overflow to WT WRSF | Volume | Water Level |
| Feb-28 | 0 | 0 | 0 | 0 | 5,053 | 0 | 9,945 | 0 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,346 | 0 | 0 | 291,982 | 146.30 |
| Mar-28 | 0 | 0 | 0 | 0 | 5,403 | 0 | 10,631 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,406 | 0 | 0 | 291,982 | 146.30 |
| Apr-28 | 0 | 0 | 0 | 0 | 5,230 | 0 | 10,289 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,878 | 0 | 0 | 291,982 | 146.30 |
| May-28 | 0 | 0 | 0 | 0 | 5,406 | 0 | 10,632 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,409 | 0 | 0 | 291,982 | 146.30 |
| Jun-28 | 38,403 | 25,817 | 10,230 | 0 | 5,313 | 0 | 10,296 | 0 | 0 | 360 | 15,903 | 23,182 | 0 | 0 | 11,987 | 0 | 91,608 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 232,272 | 0 | 0 | 291,982 | 146.30 |
| Jul-28 | 4,502 | 3,027 | 4,207 | 0 | 5,558 | 0 | 10,645 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 34,423 | 0 | 0 | 291,982 | 146.30 |
| Aug-28 | 6,285 | 4,225 | 4,669 | 0 | 5,562 | 0 | 10,645 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 44,384 | 0 | 0 | 291,982 | 146.30 |
| Sep-28 | 12,302 | 8,270 | 4,384 | 0 | 5,394 | 0 | 10,303 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 82,600 | 0 | 0 | 291,982 | 146.30 |
| Oct-28 | 0 | 0 | 0 | 0 | 5,586 | 0 | 10,647 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,605 | 0 | 0 | 291,982 | 146.30 |
| Nov-28 | 0 | 0 | 0 | 0 | 5,407 | 0 | 10,303 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,070 | 0 | 0 | 291,982 | 146.30 |
| Dec-28 | 0 | 0 | 0 | 0 | 5,587 | 0 | 10,647 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,606 | 0 | 0 | 291,982 | 146.30 |
| Jan-29 | 0 | 0 | 0 | 0 | 5,588 | 0 | 10,647 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,607 | 0 | 0 | 291,982 | 146.30 |
| Feb-29 | 0 | 0 | 0 | 0 | 5,047 | 0 | 9,617 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,000 | 0 | 0 | 291,982 | 146.30 |
| Mar-29 | 0 | 0 | 0 | 0 | 5,588 | 0 | 10,647 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,607 | 0 | 0 | 291,982 | 146.30 |
| Apr-29 | 0 | 0 | 0 | 0 | 5,408 | 0 | 10,304 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,072 | 0 | 0 | 291,982 | 146.30 |
| May-29 | 0 | 0 | 0 | 0 | 5,589 | 0 | 10,647 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,608 | 0 | 0 | 291,982 | 146.30 |
| Jun-29 | 38,395 | 25,811 | 10,228 | 0 | 5,435 | 0 | 10,305 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 232,358 | 0 | 0 | 291,982 | 146.30 |
| Jul-29 | 4,502 | 3,027 | 4,207 | 0 | 5,649 | 0 | 10,651 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 34,519 | 0 | 0 | 291,982 | 146.30 |
| Aug-29 | 6,285 | 4,225 | 4,669 | 0 | 5,652 | 0 | 10,651 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 44,480 | 0 | 0 | 291,982 | 146.30 |
| Sep-29 | 12,302 | 8,270 | 4,384 | 0 | 5,483 | 0 | 10,310 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 82,696 | 0 | 0 | 291,982 | 146.30 |
| Oct-29 | 0 | 0 | 0 | 0 | 5,678 | 0 | 10,656 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,706 | 0 | 0 | 291,982 | 146.30 |
| Nov-29 | 0 | 0 | 0 | 0 | 5,495 | 0 | 10,312 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,167 | 0 | 0 | 291,982 | 146.30 |
| Dec-29 | 0 | 0 | 0 | 0 | 5,679 | 0 | 10,656 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,707 | 0 | 0 | 291,982 | 146.30 |
| Jan-30 | 0 | 0 | 0 | 0 | 5,679 | 0 | 10,656 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,707 | 0 | 0 | 291,982 | 146.30 |
| Feb-30 | 0 | 0 | 0 | 0 | 5,130 | 0 | 9,625 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,091 | 0 | 0 | 291,982 | 146.30 |
| Mar-30 | 0 | 0 | 0 | 0 | 5,680 | 0 | 10,656 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,708 | 0 | 0 | 291,982 | 146.30 |
| Apr-30 | 0 | 0 | 0 | 0 | 5,497 | 0 | 10,313 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,170 | 0 | 0 | 291,982 | 146.30 |
| May-30 | 0 | 0 | 0 | 0 | 5,681 | 0 | 10,656 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,709 | 0 | 0 | 291,982 | 146.30 |
| Jun-30 | 38,395 | 25,811 | 10,228 | 0 | 5,529 | 0 | 10,318 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 232,465 | 0 | 0 | 291,982 | 146.30 |
| Jul-30 | 4,502 | 3,027 | 4,207 | 0 | 5,752 | 0 | 10,670 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 34,641 | 0 | 0 | 291,982 | 146.30 |
| Aug-30 | 6,285 | 4,225 | 4,669 | 0 | 5,754 | 0 | 10,670 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 44,601 | 0 | 0 | 291,982 | 146.30 |
| Sep-30 | 12,302 | 8,270 | 4,384 | 0 | 5,536 | 0 | 10,325 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 82,764 | 0 | 0 | 291,982 | 146.30 |
| Oct-30 | 0 | 0 | 0 | 0 | 5,663 | 0 | 10,667 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,701 | 0 | 0 | 291,982 | 146.30 |
| Nov-30 | 0 | 0 | 0 | 0 | 5,478 | 0 | 10,322 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,160 | 0 | 0 | 291,982 | 146.30 |
| Dec-30 | 0 | 0 | 0 | 0 | 5,658 | 0 | 10,666 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,696 | 0 | 0 | 291,982 | 146.30 |
| Jan-31 | 0 | 0 | 0 | 0 | 5,656 | 0 | 10,666 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,694 | 0 | 0 | 291,982 | 146.30 |
| Feb-31 | 0 | 0 | 0 | 0 | 5,106 | 0 | 9,634 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,076 | 0 | 0 | 291,982 | 146.30 |
| Mar-31 | 0 | 0 | 0 | 0 | 5,651 | 0 | 10,666 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 0 | 291,982 | 146.30 |
| Apr-31 | 0 | 0 | 0 | 0 | 5,467 | 0 | 10,322 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,149 | 0 | 0 | 291,982 | 146.30 |
| May-31 | 0 | 0 | 0 | 0 | 5,647 | 0 | 10,666 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,684 | 0 | 0 | 291,982 | 146.30 |
| Jun-31 | 38,395 | 25,811 | 10,228 | 0 | 5,314 | 0 | 10,315 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 232,247 | 0 | 0 | 291,982 | 146.30 |
| Jul-31 | 4,502 | 3,027 | 4,207 | 0 | 5,299 | 0 | 10,650 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 34,169 | 0 | 0 | 291,982 | 146.30 |
| Aug-31 | 6,285 | 4,225 | 4,669 | 0 | 5,287 | 0 | 10,649 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 44,113 | 0 | 0 | 291,982 | 146.30 |
| Sep-31 | 12,302 | 8,270 | 4,384 | 0 | 5,076 | 0 | 10,297 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 82,276 | 0 | 0 | 291,982 | 146.30 |
| Oct-31 | 0 | 0 | 0 | 0 | 5,205 | 0 | 10,632 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,208 | 0 | 0 | 291,982 | 146.30 |
| Nov-31 | 0 | 0 | 0 | 0 | 5,035 | 0 | 10,288 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,684 | 0 | 0 | 291,982 | 146.30 |
| Dec-31 | 0 | 0 | 0 | 0 | 5,202 | 0 | 10,631 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,204 | 0 | 0 | 291,982 | 146.30 |
| Jan-32 | 0 | 0 | 0 | 0 | 5,200 | 0 | 10,630 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,202 | 0 | 0 | 291,982 | 146.30 |
| Feb-32 | 0 | 0 | 0 | 0 | 4,863 | 0 | 9,944 | 0 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,155 | 0 | 0 | 291,982 | 146.30 |
| Mar-32 | 0 | 0 | 0 | 0 | 5,197 | 0 | 10,630 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,199 | 0 | 0 | 291,982 | 146.30 |
| Apr-32 | 0 | 0 | 0 | 0 | 5,028 | 0 | 10,287 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,674 | 0 | 0 | 291,982 | 146.30 |
| May-32 | 0 | 0 | 0 | 0 | 5,194 | 0 | 10,629 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,195 | 0 | 0 | 291,982 | 146.30 |
| Jun-32 | 38,403 | 25,817 | 10,230 | 0 | 4,930 | 0 | 10,264 | 0 | 0 | 360 | 15,903 | 23,182 | 0 | 0 | 11,987 | 0 | 91,608 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 231,857 | 0 | 0 | 291,982 | 146.30 |
| Jul-32 | 4,502 | 3,027 | 4,207 | 0 | 4,970 | 0 | 10,578 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 33,767 | 0 | 0 | 291,982 | 146.30 |
| Aug-32 | 6,285 | 4,225 | 4,669 | 0 | 4,962 | 0 | 10,576 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 43,715 | 0 | 0 | 291,982 | 146.30 |
| Sep-32 | 12,302 | 8,270 | 4,384 | 0 | 4,767 | 0 | 10,227 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 81,898 | 0 | 0 | 291,982 | 146.30 |
| Oct-32 | 0 | 0 | 0 | 0 | 4,894 | 0 | 10,559 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,825 | 0 | 0 | 291,982 | 146.30 |
| Nov-32 | 0 | 0 | 0 | 0 | 4,735 | 0 | 10,218 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,313 | 0 | 0 | 291,982 | 146.30 |
| Dec-32 | 0 | 0 | 0 | 0 | 4,891 | 0 | 10,558 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,821 | 0 | 0 | 291,982 | 146.30 |
| Jan-33 | 0 | 0 | 0 | 0 | 4,890 | 0 | 10,558 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,820 | 0 | 0 | 291,982 | 146.30 |
| Feb-33 | 0 | 0 | 0 | 0 | 4,415 | 0 | 9,536 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,287 | 0 | 0 | 291,982 | 146.30 |
| Mar-33 | 0 | 0 | 0 | 0 | 4,887 | 0 | 10,557 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,816 | 0 | 0 | 291,982 | 146.30 |
| Apr-33 | 0 | 0 | 0 | 0 | 4,728 | 0 | 10,216 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,305 | 0 | 0 | 291,982 | 146.30 |
| May-33 | 0 | 0 | 0 | 0 | 4,885 | 0 | 10,556 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,813 | 0 | 0 | 291,982 | 146.30 |
| Jun-33 | 38,395 | 25,811 | 10,228 | 0 | 4,653 | 0 | 10,191 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 231,463 | 0 | 0 | 291,982 | 146.30 |
| Jul-33 | 4,502 | 3,027 | 4,207 | 0 | 4,714 | 0 | 10,499 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 33,432 | 0 | 0 | 291,982 | 146.30 |
| Aug-33 | 6,285 | 4,225 | 4,669 | 0 | 4,708 | 0 | 10,497 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 43,382 | 0 | 0 | 291,982 | 146.30 |
| Sep-33 | 12,302 | 8,270 | 4,384 | 0 | 4,536 | 0 | 10,149 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 81,589 | 0 | 0 | 291,982 | 146.30 |
| Oct-33 | 0 | 0 | 0 | 0 | 4,670 | 0 | 10,478 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,521 | 0 | 0 | 291,982 | 146.30 |
| Nov-33 | 0 | 0 | 0 | 0 | 4,519 | 0 | 10,140 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,019 | 0 | 0 | 291,982 | 146.30 |
| Dec-33 | 0 | 0 | 0 | 0 | 4,669 | 0 | 10,478 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,518 | 0 | 0 | 291,982 | 146.30 |
| Jan-34 | 0 | 0 | 0 | 0 | 4,668 | 0 | 10,477 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,517 | 0 | 0 | 291,982 | 146.30 |
| Feb-34 | 0 | 0 | 0 | 0 | 4,216 | 0 | 9,463 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,015 | 0 | 0 | 291,982 | 146.30 |
| Mar-34 | 0 | 0 | 0 | 0 | 4,667 | 0 | 10,476 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,515 | 0 | 0 | 291,982 | 146.30 |
| Apr-34 | 0 | 0 | 0 | 0 | 4,515 | 0 | 10,138 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,013 | 0 | 0 | 291,982 | 146.30 |
| May-34 | 0 | 0 | 0 | 0 | 4,665 | 0 | 10,475 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,513 | 0 | 0 | 291,982 | 146.30 |
| Jun-34 | 38,395 | 25,811 | 10,228 | 0 | 4,471 | 0 | 10,113 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 231,202 | 0 | 0 | 291,982 | 146.30 |
| Jul-34 | 4,502 | 3,027 | 4,207 | 0 | 4,563 | 0 | 10,418 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 33,200 | 0 | 0 | 291,982 | 146.30 |
| Aug-34 | 6,285 | 4,225 | 4,669 | 0 | 4,559 | 0 | 10,416 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 43,152 | 0 | 0 | 291,982 | 146.30 |
| Sep-34 | 12,302 | 8,270 | 4,384 | 0 | 4,393 | 0 | 10,070 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 81,365 | 0 | 0 | 291,982 | 146.30 |
| Oct-34 | 0 | 0 | 0 | 0 | 4,493 | 0 | 10,388 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,252 | 0 | 0 | 291,982 | 146.30 |
| Nov-34 | 0 | 0 | 0 | 0 | 4,344 | 0 | 10,052 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,756 | 0 | 0 | 291,982 | 146.30 |
| Dec-34 | 0 | 0 | 0 | 0 | 4,486 | 0 | 10,386 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,243 | 0 | 0 | 291,982 | 146.30 |
| Jan-35 | 0 | 0 | 0 | 0 | 4,482 | 0 | 10,384 | 0 | 0 | 372 

## WHALE TAIL LAKE (NORTH BASIN) & WHALE TAIL ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | | | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Clean Area Runoff | Lakebed Sediment Runoff | Direct Precipitation | Whale Tail WRSF | Groundwater to Attn Pond | GW to WTN | Seepage Thru Dike | Dust Control | Truck Shop | Camp Biodisk | Industrial Sector | Camp Sector Runoff | Ore Stockpile | Natural WT Pit Runoff | NPAG to Attn Pond | Northeast Sector | East Sector Runoff | North Sector / Sump | Whale Tail Lake (South Basin) | IVR WRSF | IVR Pit | IVR Pit Sector Runoff (Closure) | Whale Tail Pit | Whale Tail Pit Sector Runoff | Pumped from WTS to WTN | Overburden | Lake A16 (Mammoth Lake) | Dewatering to WT Lake (South) bypass C-WTP | Dewatering to WT Lake (South) through C-WTP | O-WTP | STP (Brackish) | IVR Attenuation Pond | Groundwater | Evaporation | Drawdown to WT Pit | WTN to Pits | GSP1 | Overflow to WT WRSF | Volume | Water Level |
| Mar-38 | 0 | 0 | 0 | 0 | 2,705 | 0 | 9,239 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,663 | 0 | 0 | 0 | 0 | 0 | 271,808 | 146.08 |
| Apr-38 | 0 | 0 | 0 | 0 | 2,618 | 0 | 8,941 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,124 | 0 | 0 | 0 | 0 | 0 | 268,603 | 146.04 |
| May-38 | 0 | 0 | 0 | 0 | 2,706 | 0 | 9,239 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,594 | 0 | 0 | 0 | 0 | 0 | 265,326 | 146.00 |
| Jun-38 | 38,395 | 25,890 | 10,147 | 0 | 2,691 | 0 | 8,979 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,164 | 821 | 0 | 188,473 | 0 | 0 | 291,982 | 146.30 |
| Jul-38 | 4,502 | 3,027 | 4,207 | 0 | 3,029 | 0 | 9,431 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,155 | 9,404 | 0 | 21,524 | 0 | 0 | 291,982 | 146.30 |
| Aug-38 | 6,285 | 4,225 | 4,669 | 0 | 3,050 | 0 | 9,445 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,810 | 9,499 | 0 | 31,862 | 0 | 0 | 291,982 | 146.30 |
| Sep-38 | 12,302 | 8,270 | 4,384 | 0 | 3,045 | 0 | 9,199 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,997 | 3,677 | 0 | 72,151 | 0 | 0 | 291,982 | 146.30 |
| Oct-38 | 0 | 0 | 0 | 0 | 3,242 | 0 | 9,566 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,681 | 0 | 0 | 7,498 | 0 | 0 | 291,982 | 146.30 |
| Nov-38 | 0 | 0 | 0 | 0 | 3,143 | 0 | 9,260 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,413 | 0 | 0 | 7,349 | 0 | 0 | 291,982 | 146.30 |
| Dec-38 | 0 | 0 | 0 | 0 | 3,252 | 0 | 9,572 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,509 | 0 | 0 | 7,688 | 0 | 0 | 291,982 | 146.30 |
| Jan-39 | 0 | 0 | 0 | 0 | 3,258 | 0 | 9,576 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,423 | 0 | 0 | 7,782 | 0 | 0 | 291,982 | 146.30 |
| Feb-39 | 0 | 0 | 0 | 0 | 2,947 | 0 | 8,652 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,824 | 0 | 0 | 7,111 | 0 | 0 | 291,982 | 146.30 |
| Mar-39 | 0 | 0 | 0 | 0 | 3,268 | 0 | 9,582 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,259 | 0 | 0 | 7,962 | 0 | 0 | 291,982 | 146.30 |
| Apr-39 | 0 | 0 | 0 | 0 | 3,167 | 0 | 9,276 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,008 | 0 | 0 | 7,796 | 0 | 0 | 291,982 | 146.30 |
| May-39 | 0 | 0 | 0 | 0 | 3,278 | 0 | 9,589 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,090 | 0 | 0 | 8,149 | 0 | 0 | 291,982 | 146.30 |
| Jun-39 | 38,395 | 25,811 | 10,228 | 0 | 3,289 | 0 | 9,508 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,605 | 827 | 0 | 227,811 | 0 | 0 | 291,982 | 146.30 |
| Jul-39 | 4,502 | 3,027 | 4,207 | 0 | 3,110 | 0 | 10,343 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 31,672 | 0 | 0 | 291,982 | 146.30 |
| Aug-39 | 6,285 | 4,225 | 4,669 | 0 | 3,078 | 0 | 10,381 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 41,635 | 0 | 0 | 291,982 | 146.30 |
| Sep-39 | 12,302 | 8,270 | 4,384 | 0 | 2,825 | 0 | 10,224 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 79,952 | 0 | 0 | 291,982 | 146.30 |
| Oct-39 | 0 | 0 | 0 | 0 | 2,763 | 0 | 10,745 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,880 | 0 | 0 | 291,982 | 146.30 |
| Nov-39 | 0 | 0 | 0 | 0 | 2,668 | 0 | 10,405 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,434 | 0 | 0 | 291,982 | 146.30 |
| Dec-39 | 0 | 0 | 0 | 0 | 2,751 | 0 | 10,759 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,882 | 0 | 0 | 291,982 | 146.30 |
| Jan-40 | 0 | 0 | 0 | 0 | 2,745 | 0 | 10,767 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,883 | 0 | 0 | 291,982 | 146.30 |
| Feb-40 | 0 | 0 | 0 | 0 | 2,562 | 0 | 10,079 | 0 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,989 | 0 | 0 | 291,982 | 146.30 |
| Mar-40 | 0 | 0 | 0 | 0 | 2,733 | 0 | 10,781 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,885 | 0 | 0 | 291,982 | 146.30 |
| Apr-40 | 0 | 0 | 0 | 0 | 2,639 | 0 | 10,440 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,438 | 0 | 0 | 291,982 | 146.30 |
| May-40 | 0 | 0 | 0 | 0 | 2,721 | 0 | 10,795 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,887 | 0 | 0 | 291,982 | 146.30 |
| Jun-40 | 38,403 | 25,817 | 10,230 | 0 | 2,119 | 0 | 10,416 | 0 | 0 | 360 | 15,903 | 23,182 | 0 | 0 | 11,987 | 0 | 91,608 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 827 | 0 | 229,197 | 0 | 0 | 291,982 | 146.30 |
| Jul-40 | 4,502 | 3,027 | 4,207 | 0 | 1,045 | 0 | 8,118 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,404 | 0 | 27,382 | 0 | 0 | 291,982 | 146.30 |
| Aug-40 | 6,285 | 4,225 | 4,669 | 0 | 960 | 0 | 7,848 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,499 | 0 | 36,985 | 0 | 0 | 291,982 | 146.30 |
| Sep-40 | 12,302 | 8,270 | 4,384 | 0 | 501 | 0 | 6,235 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3,677 | 0 | 73,639 | 0 | 0 | 291,982 | 146.30 |
| Oct-40 | 0 | 0 | 0 | 0 | 87 | 0 | 5,072 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,530 | 0 | 0 | 291,982 | 146.30 |
| Nov-40 | 0 | 0 | 0 | 0 | 78 | 0 | 4,891 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,329 | 0 | 0 | 291,982 | 146.30 |
| Dec-40 | 0 | 0 | 0 | 0 | 76 | 0 | 5,038 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,486 | 0 | 0 | 291,982 | 146.30 |
| Jan-41 | 0 | 0 | 0 | 0 | 71 | 0 | 5,022 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,465 | 0 | 0 | 291,982 | 146.30 |
| Feb-41 | 0 | 0 | 0 | 0 | 60 | 0 | 4,523 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,919 | 0 | 0 | 291,982 | 146.30 |
| Mar-41 | 0 | 0 | 0 | 0 | 62 | 0 | 4,992 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,426 | 0 | 0 | 291,982 | 146.30 |
| Apr-41 | 0 | 0 | 0 | 0 | 55 | 0 | 4,816 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,231 | 0 | 0 | 291,982 | 146.30 |
| May-41 | 0 | 0 | 0 | 0 | 52 | 0 | 4,962 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,386 | 0 | 0 | 291,982 | 146.30 |
| Jun-41 | 38,395 | 1,721 | 79,523 | 0 | 2 | 0 | 3,131 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 1,829,305 | 585,558 | 0 | 100,161 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,432 | 193 | 10,172 | 0 | 0 | 3.06E+06 | 150.01 |
| Jul-41 | 4,502 | 0 | 48,260 | 0 | 0 | 0 | 1,764 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 12,162 | 0 | 43,924 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107,883 | 124 | 0 | 0 | 0 | 3.07E+06 | 150.03 |
| Aug-41 | 6,285 | 0 | 53,831 | 0 | 0 | 0 | 1,706 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 148,381 | 0 | 16,940 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 109,521 | 120 | 0 | 0 | 0 | 3.21E+06 | 150.16 |
| Sep-41 | 12,302 | 0 | 51,715 | 0 | 0 | 0 | 1,309 | 0 | 0 | 360 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 708,107 | 0 | 32,956 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43,376 | 96 | 0 | 0 | 0 | 4.02E+06 | 150.89 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 1,049 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,810 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 1,014 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 1,047 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 1,046 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 944 | 0 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 1,044 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 1,010 | 0 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 4.03E+06 | 150.90 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 1,042 | 0 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 0 | 0 | 0 | 4.04E+06 | 150.91 |
| Jun-42 | 38,395 | 0 | 131,726 | 0 | 0 | 0 | 278 | 0 | 0 | 360 | 15,900 | 23,178 | 0 | 0 | 11,985 | 0 | 91,589 | 0 | 0 | 0 | 0 | 0 | 2,455,685 | 0 | 102,918 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 120 | 10,655 | 26 | 0 | 0 | 0 | 6.90E+06 | 153.29 |
| Jul-42 | 4,502 | 0 | 57,627 | 0 | 0 | 0 | 0 | 0 | 0 | 372 | 1,865 | 2,718 | 0 | 0 | 1,405 | 0 | 9,527 | 0 | 0 | 0 | 0 | 0 | 47,778 | 0 | 11,934 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 128,822 | 0 | 0 | 0 | 0 | 6.91E+06 | 153.29 |
| Aug-42 | 6,285 | 0 | 64,146 | 0 | 0 | 0 | 0 | 0 | 0 | 372 | 2,603 | 3,794 | 0 | 0 | 1,962 | 0 | 13,766 | 0 | 0 | 0 | 0 | 0 | 150,224 | 0 | 16,615 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 130,508 | 0 | 0 | 0 | 0 | 7.04E+06 | 153.39 |
| Sep-42 | 12,302 | 0 | 60,741 | 0 | 0 | 0 | 0 | 0 | 0 | 61 | 5,095 | 7,426 | 0 | 0 | 3,840 | 0 | 28,902 | 0 | 0 | 0 | 0 | 0 | 703,121 | 0 | 32,359 | 0 | 0 | 665,990 | 0 | 0 | 0 | 0 | 0 | 0 | 208 | 50,946 | 21 | 0 | 0 | 0 | 7.17E+06 | 153.50 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,873 | 0 | 71 | 0 | 0 | 21,937 | 0 | 0 | 0 | 0 | 0 | 0 | 184 | 0 | 42 | 0 | 0 | 0 | 7.17E+06 | 153.50 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170 | 0 | 55 | 0 | 0 | 0 | 7.17E+06 | 153.50 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 170 | 0 | 68 | 0 | 0 | 0 | 7.17E+06 | 153.50 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 165.11 | 0 | 76.27974 | 0 | 0 | 0 | 7.17E+06 | 153.4993 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 145.9035 | 0 | 75.14385 | 0 | 0 | 0 | 7.17E+06 | 153.4991 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 158.5398 | 0 | 88.39511 | 0 | 0 | 0 | 7.17E+06 | 153.4989 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150.5983 | 0 | 90.29189 | 0 | 0 | 0 | 7.17E+06 | 153.4987 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 153.2066 | 0 | 96.87977 | 0 | 0 | 0 | 7.17E+06 | 153.4985 |
| Jun-43 | 38,395 | 0 | 141791 | 0 | 0 | 0 | 0 | 0 | 0 | 15899.96 | 23177.66 | 0 | 0 | 11984.51 | 0 | 91588.53 | 0 | 0 | 0 | 0 | 0 | 2.48E+06 | 0 | 102018 | 0 | 0 | 2.89E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 145.9708 | 11468.94 | 97.11279 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Jul-43 | 4,502 | 0 | 58316.67 | 0 | 0 | 0 | 0 | 0 | 0 | 1864.521 | 2717.945 | 0 | 0 | 1405.373 | 0 | 9527.095 | 0 | 0 | 0 | 0 | 0 | 120485.5 | 0 | 12108.69 | 0 | 0 | 80312.6 | 0 | 0 | 0 | 0 | 0 | 0 | 148.6494 | 130363.7 | 103.3078 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Aug-43 | 6,285 | 0 | 64722.27 | 0 | 0 | 0 | 0 | 0 | 0 | 2602.726 | 3794.041 | 0 | 0 | 1961.792 | 0 | 13766.02 | 0 | 0 | 0 | 0 | 0 | 144003.1 | 0 | 16588.96 | 0 | 0 | 121791.2 | 0 | 0 | 0 | 0 | 0 | 0 | 146.6922 | 131680.5 | 105.5675 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Sep-43 | 12,302 | 0 | 60773.29 | 0 | 0 | 0 | 0 | 0 | 0 | 5094.588 | 7426.474 | 0 | 0 | 3840.02 | 0 | 28902.44 | 0 | 0 | 0 | 0 | 0 | 685851.5 | 0 | 32325.06 | 0 | 0 | 785298.3 | 0 | 0 | 0 | 0 | 0 | 0 | 140.1 | 50973.08 | 104.306 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 70.54922 | 0 | 0 | 21935.65 | 0 | 0 | 0 | 0 | 0 | 0 | 142.86 | 0 | 109.9756 | 0 | 0 | 0 | 7.17E+06 | 153.4998 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136.6633 | 0 | 108.0166 | 0 | 0 | 0 | 7.17E+06 | 153.4996 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139.7063 | 0 | 112.9954 | 0 | 0 | 0 | 7.17E+06 | 153.4994 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 138.1689 | 0 | 114.3963 | 0 | 0 | 0 | 7.17E+06 | 153.4992 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127.8631 | 0 | 108.2841 | 0 | 0 | 0 | 7.17E+06 | 153.499 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135.2088 | 0 | 117.0864 | 0 | 0 | 0 | 7.17E+06 | 153.4989 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 129.6655 | 0 | 114.2536 | 0 | 0 | 0 | 7.17E+06 | 153.4987 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 132.8719 | 0 | 118.8919 | 0 | 0 | 0 | 7.17E+06 | 153.4985 |
| Jun-44 | 38,403 | 0 | 141819.5 | 0 | 0 | 0 | 0 | 0 | 0 | 15903.25 | 23182.45 | 0 | 0 | 11986.99 | 0 | 91607.5 | 0 | 0 | 0 | 0 | 0 | 2.48E+06 | 0 | 102038.9 | 0 | 0 | 2.90E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 127.506 | 11468.94 | 115.8598 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Jul-44 | 4,502 | 0 | 58316.67 | 0 | 0 | 0 | 0 | 0 | 0 | 1864.521 | 2717.945 | 0 | 0 | 1405.373 | 0 | 9527.095 | 0 | 0 | 0 | 0 | 0 | 120501.7 | 0 | 12108.74 | 0 | 0 | 80329.67 | 0 | 0 | 0 | 0 | 0 | 0 | 130.6406 | 130363.7 | 120.5516 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Aug-44 | 6,285 | 0 | 64722.27 | 0 | 0 | 0 | 0 | 0 | 0 | 2602.726 | 3794.041 | 0 | 0 | 1961.792 | 0 | 13766.02 | 0 | 0 | 0 | 0 | 0 | 144003.1 | 0 | 16588.96 | 0 | 0 | 121792.6 | 0 | 0 | 0 | 0 | 0 | 0 | 129.5056 | 131680.5 | 121.3958 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Sep-44 | 12,302 | 0 | 60773.29 | 0 | 0 | 0 | 0 | 0 | 0 | 5094.588 | 7426.474 | 0 | 0 | 3840.02 | 0 | 28902.44 | 0 | 0 | 0 | 0 | 0 | 685851.5 | 0 | 32325.06 | 0 | 0 | 785300.2 | 0 | 0 | 0 | 0 | 0 | 0 | 124.2479 | 50973.08 | 118.2831 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 70.54922 | 0 | 0 | 21935.72 | 0 | 

**WHALE TAIL LAKE (NORTH BASIN) & WHALE TAIL ATTENUATION POND**

| | INFLOWS | | | | | | | | | | | | | | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Clean Area Runoff | Lakebed Sediment Runoff | Direct Precipitation | Whale Tail WRSF | Groundwater to Attn Pond | GW to WTN | Seepage Thru Dike | Dust Control | Truck Shop | Camp Biodisk | Industrial Sector | Camp Sector Runoff | Ore Stockpile | Natural WT Pit Runoff | NPAG to Attn Pond | Northeast Sector | East Sector Runoff | North Sector / Sump | Whale Tail Lake (South Basin) | IVR WRSF | IVR Pit | IVR Pit Sector Runoff (Closure) | Whale Tail Pit | Whale Tail Pit Sector Runoff | Pumped from WTS to WTN | Overburden | Lake A16 (Mammoth Lake) | Dewatering to WT Lake (South) bypass C-WTP | Dewatering to WT Lake (South) through C-WTP | O-WTP | STP (Brackish) | IVR Attenuation Pond | Groundwater | Evaporation | Drawdown to WT Pit | WTN to Pits | GSP1 | Overflow to WT WRSF | Volume | Water Level |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 93.40611 | 0 | 113.3094 | 0 | 0 | 0 | 7.17E+06 | 153.4989 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95.88607 | 0 | 116.6021 | 0 | 0 | 0 | 7.17E+06 | 153.4987 |
| Jun-48 | 38,403 | 0 | 141819.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15903.25 | 23182.45 | 0 | 0 | 11986.99 | 0 | 91607.5 | 0 | 0 | 0 | 0 | 2.98E+06 | 0 | 102038.9 | 0 | 0 | 2.90E+06 | 0 | 0 | 0 | 0 | 0 | 92.2406 | 11468.94 | 112.3504 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Jul-48 | 4,502 | 0 | 58316.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1864.521 | 2717.945 | 0 | 0 | 1405.373 | 0 | 9527.095 | 0 | 0 | 0 | 0 | 120501.7 | 0 | 12108.74 | 0 | 0 | 80370.53 | 0 | 0 | 0 | 0 | 0 | 94.74541 | 130363.7 | 115.5885 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Aug-48 | 6,285 | 0 | 64722.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2602.726 | 3794.041 | 0 | 0 | 1961.792 | 0 | 13766.02 | 0 | 0 | 0 | 0 | 144003.1 | 0 | 16588.96 | 0 | 0 | 121834.2 | 0 | 0 | 0 | 0 | 0 | 94.16568 | 131680.5 | 115.0728 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Sep-48 | 12,302 | 0 | 60773.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5094.588 | 7426.474 | 0 | 0 | 3840.02 | 0 | 28902.44 | 0 | 0 | 0 | 0 | 685851.5 | 0 | 32325.06 | 0 | 0 | 785341.3 | 0 | 0 | 0 | 0 | 0 | 90.5764 | 50973.08 | 110.8701 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 70.54922 | 0 | 0 | 21937.11 | 0 | 0 | 0 | 0 | 0 | 93.0264 | 0 | 114.0594 | 0 | 0 | 0 | 7.17E+06 | 153.4998 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89.47404 | 0 | 109.8895 | 0 | 0 | 0 | 7.17E+06 | 153.4997 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91.88662 | 0 | 113.0455 | 0 | 0 | 0 | 7.17E+06 | 153.4995 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91.30739 | 0 | 112.5303 | 0 | 0 | 0 | 7.17E+06 | 153.4994 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81.97333 | 0 | 101.1974 | 0 | 0 | 0 | 7.17E+06 | 153.4992 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90.20498 | 0 | 111.5496 | 0 | 0 | 0 | 7.17E+06 | 153.4991 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86.74363 | 0 | 107.4606 | 0 | 0 | 0 | 7.17E+06 | 153.4989 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 89.09515 | 0 | 110.5422 | 0 | 0 | 0 | 7.17E+06 | 153.4988 |
| Jun-49 | 38,395 | 0 | 141791 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15899.96 | 23177.66 | 0 | 0 | 11984.51 | 0 | 91588.53 | 0 | 0 | 0 | 0 | 2.48E+06 | 0 | 102018 | 0 | 0 | 2.90E+06 | 0 | 0 | 0 | 0 | 0 | 85.74416 | 11468.94 | 106.5018 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Jul-49 | 4,502 | 0 | 58316.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1864.521 | 2717.945 | 0 | 0 | 1405.373 | 0 | 9527.095 | 0 | 0 | 0 | 0 | 120485.5 | 0 | 12108.69 | 0 | 0 | 80366.88 | 0 | 0 | 0 | 0 | 0 | 88.11013 | 130363.7 | 109.5616 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Aug-49 | 6,285 | 0 | 64722.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2602.726 | 3794.041 | 0 | 0 | 1961.792 | 0 | 13766.02 | 0 | 0 | 0 | 0 | 144003.1 | 0 | 16588.96 | 0 | 0 | 121846.8 | 0 | 0 | 0 | 0 | 0 | 87.60945 | 131680.5 | 109.063 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Sep-49 | 12,302 | 0 | 60773.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5094.588 | 7426.474 | 0 | 0 | 3840.02 | 0 | 28902.44 | 0 | 0 | 0 | 0 | 685851.5 | 0 | 32325.06 | 0 | 0 | 785353.3 | 0 | 0 | 0 | 0 | 0 | 84.30689 | 50973.08 | 105.0703 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 70.54922 | 0 | 0 | 21937.51 | 0 | 0 | 0 | 0 | 0 | 86.62553 | 0 | 108.083 | 0 | 0 | 0 | 7.17E+06 | 153.4998 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83.35485 | 0 | 104.1221 | 0 | 0 | 0 | 7.17E+06 | 153.4997 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85.64117 | 0 | 107.1026 | 0 | 0 | 0 | 7.17E+06 | 153.4996 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 85.14092 | 0 | 106.6044 | 0 | 0 | 0 | 7.17E+06 | 153.4994 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76.4715 | 0 | 95.85957 | 0 | 0 | 0 | 7.17E+06 | 153.4993 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 84.18884 | 0 | 105.6561 | 0 | 0 | 0 | 7.17E+06 | 153.4991 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 80.99677 | 0 | 101.7735 | 0 | 0 | 0 | 7.17E+06 | 153.499 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 83.22446 | 0 | 104.689 | 0 | 0 | 0 | 7.17E+06 | 153.4988 |
| Jun-50 | 38,395 | 0 | 141791 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15899.96 | 23177.66 | 0 | 0 | 11984.51 | 0 | 91588.53 | 0 | 0 | 0 | 0 | 2.48E+06 | 0 | 102018 | 0 | 0 | 2.90E+06 | 0 | 0 | 0 | 0 | 0 | 80.11319 | 11468.94 | 100.8705 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Jul-50 | 4,502 | 0 | 58316.67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1864.521 | 2717.945 | 0 | 0 | 1405.373 | 0 | 9527.095 | 0 | 0 | 0 | 0 | 120485.5 | 0 | 12108.69 | 0 | 0 | 80378.44 | 0 | 0 | 0 | 0 | 0 | 82.34328 | 130363.7 | 103.7771 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Aug-50 | 6,285 | 0 | 64722.27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2602.726 | 3794.041 | 0 | 0 | 1961.792 | 0 | 13766.02 | 0 | 0 | 0 | 0 | 144003.1 | 0 | 16588.96 | 0 | 0 | 121858.3 | 0 | 0 | 0 | 0 | 0 | 81.8953 | 131680.5 | 103.3134 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Sep-50 | 12,302 | 0 | 60773.29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5094.588 | 7426.474 | 0 | 0 | 3840.02 | 0 | 28902.44 | 0 | 0 | 0 | 0 | 685851.5 | 0 | 32325.06 | 0 | 0 | 785364.4 | 0 | 0 | 0 | 0 | 0 | 78.82722 | 50973.08 | 99.53947 | 0 | 0 | 0 | 7.17E+06 | 153.5 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 70.54922 | 0 | 0 | 21937.87 | 0 | 0 | 0 | 0 | 0 | 81.01495 | 0 | 102.4022 | 0 | 0 | 0 | 7.17E+06 | 153.4999 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77.9754 | 0 | 98.65779 | 0 | 0 | 0 | 7.17E+06 | 153.4997 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 77.55622 | 0 | 98.22392 | 0 | 0 | 0 | 7.17E+06 | 153.4996 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jun-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jul-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Aug-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Sep-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jun-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jul-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Aug-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Sep-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 |
| Jun-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 130.2 |
| Jul-20 | 2,976 | 0 | 973 | 24 | 0 | 13,741 | 0 | 0 | 0 | 0 | 0 | 0 | 16,222 | 0 | 53 | 1,439 | 0 | 0 | 1,000 | 130.2 |
| Aug-20 | 2,976 | 0 | 1,359 | 26 | 0 | 19,182 | 0 | 0 | 0 | 0 | 0 | 0 | 22,050 | 0 | 54 | 1,439 | 0 | 0 | 1,000 | 130.2 |
| Sep-20 | 2,880 | 0 | 2,659 | 25 | 0 | 37,546 | 0 | 0 | 0 | 0 | 0 | 0 | 41,742 | 0 | 21 | 1,348 | 0 | 0 | 1,000 | 130.2 |
| Oct-20 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,537 | 0 | 0 | 1,439 | 0 | 0 | 1,000 | 130.2 |
| Nov-20 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,532 | 0 | 0 | 1,348 | 0 | 0 | 1,000 | 130.2 |
| Dec-20 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,537 | 0 | 0 | 1,439 | 0 | 0 | 1,000 | 122.1 |
| Jan-21 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Feb-21 | 2,688 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 0 | 1,431 | 0 | 0 | 1,000 | 122.1 |
| Mar-21 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Apr-21 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 1,643 | 0 | 0 | 1,000 | 122.1 |
| May-21 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Jun-21 | 2,880 | 0 | 18,641 | 38 | 73 | 32,516 | 67,031 | 77 | 0 | 0 | 0 | 0 | 119,605 | 0 | 9 | 1,643 | 0 | 0 | 1,000 | 122.1 |
| Jul-21 | 2,976 | 0 | 2,186 | 46 | 0 | 11,518 | 0 | 7 | 0 | 0 | 0 | 0 | 14,876 | 0 | 102 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Aug-21 | 2,976 | 0 | 3,051 | 51 | 0 | 15,857 | 0 | 8 | 0 | 0 | 0 | 0 | 20,086 | 0 | 103 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Sep-21 | 2,880 | 0 | 5,973 | 47 | 0 | 30,614 | 0 | 3 | 0 | 0 | 0 | 0 | 37,835 | 0 | 40 | 1,643 | 0 | 0 | 1,000 | 122.1 |
| Oct-21 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 122.1 |
| Nov-21 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 1,643 | 0 | 0 | 1,000 | 122.1 |
| Dec-21 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Jan-22 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Feb-22 | 2,688 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 0 | 1,431 | 0 | 0 | 1,000 | 74.3 |
| Mar-22 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Apr-22 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 1,643 | 0 | 0 | 1,000 | 74.3 |
| May-22 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Jun-22 | 2,880 | 0 | 37,932 | 20 | 38 | 23,413 | 48,265 | 170 | 0 | 0 | 0 | 0 | 0 | 111,071 | 5 | 1,643 | 0 | 0 | 1,000 | 74.3 |
| Jul-22 | 2,976 | 0 | 4,448 | 24 | 0 | 8,405 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 14,058 | 54 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Aug-22 | 2,976 | 0 | 6,209 | 27 | 0 | 11,733 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 19,149 | 54 | 1,754 | 0 | 0 | 1,000 | 74.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Sep-22 | 2,880 | 0 | 12,154 | 25 | 0 | 22,967 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 36,366 | 21 | 1,643 | 0 | 0 | 1,000 | 74.3 |
| Oct-22 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 74.3 |
| Nov-22 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 74.3 |
| Dec-22 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Jan-23 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Feb-23 | 2,688 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 1,431 | 0 | 0 | 1,000 | 58.6 |
| Mar-23 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Apr-23 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| May-23 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Jun-23 | 2,880 | 0 | 37,935 | 19 | 36 | 23,413 | 48,265 | 170 | 0 | 0 | 0 | 0 | 0 | 111,071 | 4 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Jul-23 | 2,976 | 0 | 4,449 | 23 | 0 | 8,405 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 14,060 | 51 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Aug-23 | 2,976 | 0 | 6,210 | 25 | 0 | 11,733 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 19,151 | 51 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Sep-23 | 2,880 | 0 | 12,155 | 24 | 0 | 22,967 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 36,367 | 20 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Oct-23 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Nov-23 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Dec-23 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Jan-24 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Feb-24 | 2,784 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,249 | 0 | 1,535 | 0 | 0 | 1,000 | 58.6 |
| Mar-24 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Apr-24 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| May-24 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Jun-24 | 2,880 | 0 | 37,943 | 19 | 36 | 23,413 | 48,280 | 170 | 0 | 0 | 0 | 0 | 0 | 111,094 | 4 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Jul-24 | 2,976 | 0 | 4,449 | 23 | 0 | 8,405 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 14,060 | 51 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Aug-24 | 2,976 | 0 | 6,210 | 25 | 0 | 11,733 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 19,151 | 51 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Sep-24 | 2,880 | 0 | 12,155 | 24 | 0 | 22,967 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 36,367 | 20 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Oct-24 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 58.6 |
| Nov-24 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 58.6 |
| Dec-24 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 46.3 |
| Jan-25 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 46.3 |
| Feb-25 | 2,688 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 1,431 | 0 | 0 | 1,000 | 46.3 |
| Mar-25 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 46.3 |
| Apr-25 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 1,643 | 0 | 0 | 1,000 | 46.3 |
| May-25 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 1,754 | 0 | 0 | 1,000 | 46.3 |
| Jun-25 | 2,880 | 0 | 37,962 | 10 | 18 | 23,413 | 48,265 | 170 | 0 | 0 | 0 | 0 | 0 | 111,073 | 2 | 1,643 | 0 | 0 | 1,000 | 46.3 |
| Jul-25 | 2,976 | 0 | 4,452 | 11 | 0 | 8,405 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 14,077 | 26 | 1,754 | 0 | 0 | 1,000 | 46.3 |
| Aug-25 | 2,976 | 0 | 6,214 | 13 | 0 | 11,733 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 19,904 | 26 | 1,018 | 0 | 0 | 1,000 | 46.3 |
| Sep-25 | 2,880 | 0 | 12,164 | 12 | 0 | 22,967 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 38,016 | 10 | 0 | 0 | 0 | 1,000 | 46.3 |
| Oct-25 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,976 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Nov-25 | 2,880 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,880 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Dec-25 | 2,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,976 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 | 46.3 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 526,637 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 527,637 | 79.8 |
| Jun-26 | 0 | 0 | 31,143 | 2,426 | 4,610 | 23,413 | 48,265 | 170 | 72,990 | 1,350,000 | 0 | 25,316 | 0 | 0 | 569 | 0 | 0 | 0 | 2,085,400 | 105.2 |
| Jul-26 | 0 | 0 | 3,010 | 5,207 | 0 | 8,405 | 0 | 12 | 8,559 | 1,395,000 | 0 | 2,923 | 0 | 0 | 11,641 | 0 | 0 | 0 | 3,496,877 | 117.6 |
| Aug-26 | 0 | 0 | 3,574 | 7,579 | 0 | 11,733 | 0 | 12 | 11,948 | 1,395,000 | 0 | 4,053 | 0 | 0 | 15,420 | 0 | 0 | 0 | 4,915,357 | 126.9 |
| Sep-26 | 0 | 0 | 5,830 | 8,719 | 0 | 22,967 | 0 | 4 | 23,387 | 1,350,000 | 0 | 7,818 | 0 | 0 | 7,313 | 0 | 0 | 0 | 6,326,769 | 134.1 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,395,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,721,769 | 140.2 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,766,769 | 140.4 |
| Jun-27 | 0 | 0 | 10,127 | 9,873 | 18,762 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,087,479 | 25,316 | 0 | 0 | 2,316 | 0 | 0 | 0 | 10,060,850 | 149.1 |
| Jul-27 | 0 | 0 | 729 | 13,431 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 54,907 | 2,923 | 0 | 0 | 30,024 | 0 | 12,284 | 0 | 10,107,510 | 149.3 |
| Aug-27 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,179 | 4,053 | 0 | 0 | 30,330 | 0 | 115,520 | 0 | 10,107,510 | 149.3 |
| Sep-27 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,391 | 7,818 | 0 | 0 | 11,740 | 0 | 679,815 | 0 | 10,107,510 | 149.3 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,305 | 0 | 0 | 0 | 0 | 0 | 21,305 | 0 | 10,107,510 | 149.3 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-28 | 0 | 0 | 6,213 | 11,260 | 21,405 | 23,413 | 48,280 | 170 | 73,006 | 0 | 2,165,184 | 25,321 | 0 | 0 | 2,642 | 0 | 2,371,608 | 0 | 10,107,510 | 149.3 |
| Jul-28 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,458 | 2,923 | 0 | 0 | 30,026 | 0 | 89,492 | 0 | 10,107,510 | 149.3 |
| Aug-28 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,087 | 4,053 | 0 | 0 | 30,330 | 0 | 115,428 | 0 | 10,107,510 | 149.3 |
| Sep-28 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,317 | 7,818 | 0 | 0 | 11,740 | 0 | 679,740 | 0 | 10,107,510 | 149.3 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,303 | 0 | 0 | 0 | 0 | 0 | 21,303 | 0 | 10,107,510 | 149.3 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-29 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,702 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,084 | 0 | 10,107,510 | 149.3 |
| Jul-29 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,426 | 2,923 | 0 | 0 | 30,026 | 0 | 89,461 | 0 | 10,107,510 | 149.3 |
| Aug-29 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,072 | 4,053 | 0 | 0 | 30,330 | 0 | 115,413 | 0 | 10,107,510 | 149.3 |
| Sep-29 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,303 | 7,818 | 0 | 0 | 11,740 | 0 | 679,727 | 0 | 10,107,510 | 149.3 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 10,107,510 | 149.3 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-30 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,692 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,074 | 0 | 10,107,510 | 149.3 |
| Jul-30 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,417 | 2,923 | 0 | 0 | 30,026 | 0 | 89,451 | 0 | 10,107,510 | 149.3 |
| Aug-30 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,062 | 4,053 | 0 | 0 | 30,330 | 0 | 115,403 | 0 | 10,107,510 | 149.3 |
| Sep-30 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,294 | 7,818 | 0 | 0 | 11,740 | 0 | 679,717 | 0 | 10,107,510 | 149.3 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 10,107,510 | 149.3 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-31 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,682 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,064 | 0 | 10,107,510 | 149.3 |
| Jul-31 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,405 | 2,923 | 0 | 0 | 30,026 | 0 | 89,440 | 0 | 10,107,510 | 149.3 |
| Aug-31 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,051 | 4,053 | 0 | 0 | 30,330 | 0 | 115,392 | 0 | 10,107,510 | 149.3 |
| Sep-31 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,282 | 7,818 | 0 | 0 | 11,740 | 0 | 679,706 | 0 | 10,107,510 | 149.3 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 0 | 0 | 0 | 0 | 21,302 | 0 | 10,107,510 | 149.3 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-32 | 0 | 0 | 6,213 | 11,260 | 21,405 | 23,413 | 48,280 | 170 | 73,006 | 0 | 2,165,126 | 25,321 | 0 | 0 | 2,642 | 0 | 2,371,551 | 0 | 10,107,510 | 149.3 |
| Jul-32 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,407 | 2,923 | 0 | 0 | 30,026 | 0 | 89,442 | 0 | 10,107,510 | 149.3 |
| Aug-32 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,037 | 4,053 | 0 | 0 | 30,330 | 0 | 115,378 | 0 | 10,107,510 | 149.3 |
| Sep-32 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,269 | 7,818 | 0 | 0 | 11,740 | 0 | 679,692 | 0 | 10,107,510 | 149.3 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,301 | 0 | 0 | 0 | 0 | 0 | 21,301 | 0 | 10,107,510 | 149.3 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-33 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,657 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,039 | 0 | 10,107,510 | 149.3 |
| Jul-33 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,376 | 2,923 | 0 | 0 | 30,026 | 0 | 89,410 | 0 | 10,107,510 | 149.3 |
| Aug-33 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,022 | 4,053 | 0 | 0 | 30,330 | 0 | 115,363 | 0 | 10,107,510 | 149.3 |
| Sep-33 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,254 | 7,818 | 0 | 0 | 11,740 | 0 | 679,677 | 0 | 10,107,510 | 149.3 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,301 | 0 | 0 | 0 | 0 | 0 | 21,301 | 0 | 10,107,510 | 149.3 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-34 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,643 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,025 | 0 | 10,107,510 | 149.3 |
| Jul-34 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,360 | 2,923 | 0 | 0 | 30,026 | 0 | 89,394 | 0 | 10,107,510 | 149.3 |
| Aug-34 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,006 | 4,053 | 0 | 0 | 30,330 | 0 | 115,347 | 0 | 10,107,510 | 149.3 |
| Sep-34 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,238 | 7,818 | 0 | 0 | 11,740 | 0 | 679,662 | 0 | 10,107,510 | 149.3 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,300 | 0 | 0 | 0 | 0 | 0 | 21,300 | 0 | 10,107,510 | 149.3 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-35 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,620 | 25,316 | 0 | 0 | 2,642 | 0 | 2,371,002 | 0 | 10,107,510 | 149.3 |
| Jul-35 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,325 | 2,923 | 0 | 0 | 30,026 | 0 | 89,360 | 0 | 10,107,510 | 149.3 |
| Aug-35 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 101,970 | 4,053 | 0 | 0 | 30,330 | 0 | 115,311 | 0 | 10,107,510 | 149.3 |
| Sep-35 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,201 | 7,818 | 0 | 0 | 11,740 | 0 | 679,625 | 0 | 10,107,510 | 149.3 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,299 | 0 | 0 | 0 | 0 | 0 | 21,299 | 0 | 10,107,510 | 149.3 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-36 | 0 | 0 | 6,213 | 11,260 | 21,405 | 23,413 | 48,280 | 170 | 73,006 | 0 | 2,165,011 | 25,321 | 0 | 0 | 2,642 | 0 | 2,371,436 | 0 | 10,107,510 | 149.3 |
| Jul-36 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,212 | 2,923 | 0 | 0 | 30,026 | 0 | 89,247 | 0 | 10,107,510 | 149.3 |
| Aug-36 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 101,837 | 4,053 | 0 | 0 | 30,330 | 0 | 115,178 | 0 | 10,107,510 | 149.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Sep-36 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,056 | 7,818 | 0 | 0 | 11,740 | 0 | 679,480 | 0 | 10,107,510 | 149.3 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,294 | 0 | 0 | 0 | 0 | 0 | 21,294 | 0 | 10,107,510 | 149.3 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-37 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,430 | 25,316 | 0 | 0 | 2,642 | 0 | 2,370,811 | 0 | 10,107,510 | 149.3 |
| Jul-37 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,132 | 2,923 | 0 | 0 | 30,026 | 0 | 89,166 | 0 | 10,107,510 | 149.3 |
| Aug-37 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 101,778 | 4,053 | 0 | 0 | 30,330 | 0 | 115,119 | 0 | 10,107,510 | 149.3 |
| Sep-37 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,021 | 7,818 | 0 | 0 | 11,740 | 0 | 679,444 | 0 | 10,107,510 | 149.3 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,293 | 0 | 0 | 0 | 0 | 0 | 21,293 | 0 | 10,107,510 | 149.3 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-38 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,440 | 25,316 | 0 | 0 | 2,642 | 0 | 2,370,822 | 0 | 10,107,510 | 149.3 |
| Jul-38 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,173 | 2,923 | 0 | 0 | 30,026 | 0 | 89,208 | 0 | 10,107,510 | 149.3 |
| Aug-38 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 101,822 | 4,053 | 0 | 0 | 30,330 | 0 | 115,163 | 0 | 10,107,510 | 149.3 |
| Sep-38 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,074 | 7,818 | 0 | 0 | 11,740 | 0 | 679,497 | 0 | 10,107,510 | 149.3 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,295 | 0 | 0 | 0 | 0 | 0 | 21,295 | 0 | 10,107,510 | 149.3 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-39 | 0 | 0 | 6,211 | 11,260 | 21,398 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,164,574 | 25,316 | 0 | 0 | 2,642 | 0 | 2,370,956 | 0 | 10,107,510 | 149.3 |
| Jul-39 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 85,585 | 2,923 | 0 | 0 | 30,026 | 0 | 89,619 | 0 | 10,107,510 | 149.3 |
| Aug-39 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 102,254 | 4,053 | 0 | 0 | 30,330 | 0 | 115,595 | 0 | 10,107,510 | 149.3 |
| Sep-39 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 621,585 | 7,818 | 0 | 0 | 11,740 | 0 | 680,009 | 0 | 10,107,510 | 149.3 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,315 | 0 | 0 | 0 | 0 | 0 | 21,315 | 0 | 10,107,510 | 149.3 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-40 | 0 | 0 | 6,213 | 11,260 | 21,405 | 23,413 | 48,280 | 170 | 73,006 | 0 | 2,166,371 | 25,321 | 0 | 0 | 2,642 | 0 | 2,372,796 | 0 | 10,107,510 | 149.3 |
| Jul-40 | 0 | 0 | 728 | 13,432 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 91,578 | 2,923 | 0 | 0 | 30,026 | 0 | 95,612 | 0 | 10,107,510 | 149.3 |
| Aug-40 | 0 | 0 | 1,017 | 14,907 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 108,627 | 4,053 | 0 | 0 | 30,330 | 0 | 121,968 | 0 | 10,107,510 | 149.3 |
| Sep-40 | 0 | 0 | 1,990 | 13,998 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 629,695 | 7,818 | 0 | 0 | 11,740 | 0 | 688,119 | 0 | 10,107,510 | 149.3 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,646 | 0 | 0 | 0 | 0 | 0 | 21,646 | 0 | 10,107,510 | 149.3 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-41 | 0 | 0 | 6,147 | 8,374 | 15,913 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,254,396 | 25,316 | 0 | 0 | 1,964 | 0 | 38,846 | 1,770,905 | 10,107,510 | 149.3 |
| Jul-41 | 0 | 0 | 668 | 0 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 25,541 | 2,923 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Aug-41 | 0 | 0 | 925 | 0 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 119,640 | 4,053 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Sep-41 | 0 | 0 | 1,716 | 0 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 652,216 | 7,818 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,824 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jun-42 | 0 | 0 | 4,296 | 0 | 0 | 23,413 | 48,265 | 170 | 72,990 | 0 | 2,281,260 | 25,316 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jul-42 | 0 | 0 | 406 | 0 | 0 | 8,405 | 0 | 12 | 8,559 | 0 | 48,884 | 2,923 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Aug-42 | 0 | 0 | 562 | 0 | 0 | 11,733 | 0 | 12 | 11,948 | 0 | 121,969 | 4,053 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Sep-42 | 0 | 0 | 1,070 | 0 | 0 | 22,967 | 0 | 4 | 23,387 | 0 | 654,369 | 1,113 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21,873 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,107,510 | 149.3 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-43 | 0 | 0 | 3335.391 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-43 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-43 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-43 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-44 | 0 | 0 | 3336.081 | 0 | 0 | 23412.57 | 48280.13 | 169.6456 | 73005.52 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-44 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103133.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-44 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-44 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-45 | 0 | 0 | 3335.391 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-45 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-45 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-45 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-46 | 0 | 0 | 3335.391 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-46 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-46 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-46 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-47 | 0 | 0 | 3335.39 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-47 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-47 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-47 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-48 | 0 | 0 | 3336.081 | 0 | 0 | 23412.57 | 48280.13 | 169.6456 | 73005.52 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-48 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103133.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-48 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-48 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-49 | 0 | 0 | 3335.39 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-49 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-49 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Sep-49 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jun-50 | 0 | 0 | 3335.39 | 0 | 0 | 23412.57 | 48265.3 | 169.6456 | 72990.41 | 0 | 2.34E+06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Jul-50 | 0 | 0 | 391.127 | 0 | 0 | 8405.358 | 0 | 12.23026 | 8559.275 | 0 | 103117.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Aug-50 | 0 | 0 | 545.9829 | 0 | 0 | 11733.23 | 0 | 12.23026 | 11948.08 | 0 | 119763.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |

## IVR PIT

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Drilling Water | Groundwater | Pitwall Runoff | Direct Rainfall Runoff | Direct Snow Runoff | Rainfall Runoff | Snow Runoff | Whale Tail WRSF Runoff | IVR Diversion | Whale Tail Lake (South Basin) Drawdown | Whale Tail Lake (South Basin) Overflow | WT WRSF | Whale Tail Attenuation Pond | IVR Attenuation Pond | Evaporation | Drill Water Loss | Overflow to WT Pit | Overflow to WT North | Volume | Water Level |
| Sep-50 | 0 | 0 | 1068.71 | 0 | 0 | 22966.68 | 0 | 3.945246 | 23387.24 | 0 | 638424.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21873.25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1.01E+07 | 149.3 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-18 | 15,985 | 32,953 | 0 | 0 | 0 | 48,937 | 0 | 0 | 0 | 0 | 0 |
| Jul-18 | 5,739 | 0 | 0 | 0 | 0 | 5,739 | 0 | 0 | 0 | 0 | 0 |
| Aug-18 | 8,011 | 0 | 0 | 0 | 0 | 8,011 | 0 | 0 | 0 | 0 | 0 |
| Sep-18 | 15,680 | 0 | 0 | 0 | 0 | 15,680 | 0 | 0 | 0 | 0 | 0 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-19 | 15,985 | 32,953 | 0 | 0 | 0 | 0 | 0 | 48,938 | 0 | 0 | 0 |
| Jul-19 | 5,739 | 0 | 0 | 0 | 0 | 0 | 0 | 5,739 | 0 | 0 | 0 |
| Aug-19 | 8,011 | 0 | 0 | 0 | 0 | 0 | 0 | 8,011 | 0 | 0 | 0 |
| Sep-19 | 15,680 | 0 | 0 | 0 | 0 | 0 | 0 | 15,680 | 0 | 0 | 0 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-20 | 12,566 | 25,913 | 0 | 0 | 0 | 0 | 0 | 38,479 | 0 | 0 | 0 |
| Jul-20 | 4,288 | 0 | 2 | 0 | 0 | 0 | 4,290 | 0 | 0 | 0 | 0 |
| Aug-20 | 5,668 | 0 | 5 | 0 | 0 | 0 | 5,673 | 0 | 0 | 0 | 0 |
| Sep-20 | 10,485 | 0 | 2 | 0 | 0 | 0 | 10,487 | 0 | 0 | 0 | 0 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-21 | 8,309 | 17,128 | 244 | 0 | 0 | 0 | 25,681 | 0 | 0 | 0 | 0 |
| Jul-21 | 2,983 | 0 | 18 | 0 | 0 | 0 | 3,000 | 0 | 0 | 0 | 0 |
| Aug-21 | 4,164 | 0 | 18 | 0 | 0 | 0 | 4,181 | 0 | 0 | 0 | 0 |
| Sep-21 | 8,150 | 0 | 6 | 0 | 0 | 0 | 8,156 | 0 | 0 | 0 | 0 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-22 | 6,358 | 13,106 | 244 | 0 | 0 | 0 | 0 | 0 | 19,709 | 0 | 0 |
| Jul-22 | 2,282 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 2,300 | 0 | 0 |
| Aug-22 | 3,186 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 3,204 | 0 | 0 |
| Sep-22 | 6,237 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 6,242 | 0 | 0 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-23 | 4,585 | 9,452 | 541 | 0 | 0 | 0 | 0 | 0 | 14,577 | 0 | 0 |
| Jul-23 | 1,529 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | 1,572 | 0 | 0 |
| Aug-23 | 1,969 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | 2,016 | 0 | 0 |
| Sep-23 | 3,536 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 3,553 | 0 | 0 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-24 | 2,471 | 5,096 | 894 | 0 | 0 | 0 | 0 | 0 | 8,461 | 0 | 0 |
| Jul-24 | 887 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 952 | 0 | 0 |
| Aug-24 | 1,238 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 1,303 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Sep-24 | 2,424 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 2,445 | 0 | 0 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-25 | 2,471 | 5,095 | 894 | 0 | 0 | 0 | 0 | 0 | 8,460 | 0 | 0 |
| Jul-25 | 887 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 952 | 0 | 0 |
| Aug-25 | 1,238 | 0 | 64 | 0 | 0 | 0 | 0 | 0 | 1,303 | 0 | 0 |
| Sep-25 | 2,424 | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 2,445 | 0 | 0 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-26 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-26 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-26 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-26 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-26 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-27 | 2,471 | 5,095 | 894 | 0 | 6,462 | 0 | 0 | 0 | 0 | 14,922 | 0 |
| Jul-27 | 887 | 0 | 64 | 0 | 892 | 0 | 0 | 0 | 0 | 1,844 | 0 |
| Aug-27 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-27 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-27 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-28 | 2,471 | 5,096 | 894 | 0 | 6,387 | 0 | 0 | 0 | 0 | 14,848 | 0 |
| Jul-28 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-28 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-28 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-28 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-29 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-29 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-29 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-29 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-29 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-30 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-30 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-30 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-30 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-30 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-31 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-31 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-31 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-31 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-31 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-32 | 2,471 | 5,096 | 894 | 0 | 6,387 | 0 | 0 | 0 | 0 | 14,848 | 0 |
| Jul-32 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-32 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-32 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-32 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-33 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-33 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-33 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-33 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-33 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-34 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-34 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-34 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Sep-34 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-34 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-35 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-35 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-35 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-35 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-35 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-36 | 2,471 | 5,096 | 894 | 0 | 6,387 | 0 | 0 | 0 | 0 | 14,848 | 0 |
| Jul-36 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-36 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-36 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-36 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-37 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-37 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-37 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-37 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-37 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-38 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-38 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-38 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-38 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-38 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-39 | 2,471 | 5,095 | 894 | 0 | 6,385 | 0 | 0 | 0 | 0 | 14,845 | 0 |
| Jul-39 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-39 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-39 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-39 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-40 | 2,471 | 5,096 | 894 | 0 | 6,387 | 0 | 0 | 0 | 0 | 14,848 | 0 |
| Jul-40 | 887 | 0 | 64 | 0 | 970 | 0 | 0 | 0 | 0 | 1,921 | 0 |
| Aug-40 | 1,238 | 0 | 64 | 0 | 1,071 | 0 | 0 | 0 | 0 | 2,374 | 0 |
| Sep-40 | 2,424 | 0 | 21 | 0 | 2,081 | 0 | 0 | 0 | 0 | 4,526 | 0 |
| Oct-40 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-41 | 2,471 | 5,095 | 894 | 0 | 6,456 | 0 | 0 | 0 | 0 | 14,916 | 0 |
| Jul-41 | 887 | 0 | 64 | 0 | 780 | 0 | 0 | 0 | 0 | 1,732 | 0 |
| Aug-41 | 1,238 | 0 | 64 | 0 | 1,081 | 0 | 0 | 0 | 0 | 2,384 | 0 |
| Sep-41 | 2,424 | 0 | 21 | 0 | 2,113 | 0 | 0 | 0 | 0 | 4,558 | 0 |
| Oct-41 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 9 | 0 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-42 | 2,471 | 5,095 | 894 | 0 | 6,583 | 0 | 0 | 0 | 0 | 15,043 | 0 |
| Jul-42 | 887 | 0 | 64 | 0 | 833 | 0 | 0 | 0 | 0 | 1,785 | 0 |
| Aug-42 | 1,238 | 0 | 64 | 0 | 1,081 | 0 | 0 | 0 | 0 | 2,384 | 0 |
| Sep-42 | 2,424 | 0 | 21 | 0 | 2,113 | 0 | 0 | 0 | 0 | 4,558 | 0 |
| Oct-42 | 0 | 0 | 0 | 0 | 71 | 0 | 0 | 0 | 0 | 71 | 0 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-43 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-43 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-43 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-43 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-43 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-44 | 2471.268 | 5096.116 | 893.8622 | 0 | 6606.047 | 0 | 0 | 0 | 0 | 15067.29 | 0 |
| Jul-44 | 887.2114 | 0 | 64.44123 | 0 | 969.8289 | 0 | 0 | 0 | 0 | 1921.481 | 0 |
| Aug-44 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Sep-44 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-44 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-45 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-45 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-45 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-45 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-45 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-46 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-46 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-46 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-46 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-46 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-47 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-47 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-47 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-47 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-47 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## IVR WASTE ROCK STORAGE FACILITY

| | INFLOWS | | | | | OUTFLOWS | | | | | STORAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 |
| Date | Rainfall Runoff | SWE Runoff | IVR WRSF Runoff | IVR WRSF Seepage | GSP-2 | Whale Tail (North Basin) | Whale Tail Attenuation Pond | Northeast Sector | IVR Attenuation Pond | Whale Tail Pit | Storage |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-48 | 2471.268 | 5096.116 | 893.8622 | 0 | 6606.047 | 0 | 0 | 0 | 0 | 15067.29 | 0 |
| Jul-48 | 887.2114 | 0 | 64.44123 | 0 | 969.8289 | 0 | 0 | 0 | 0 | 1921.481 | 0 |
| Aug-48 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-48 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-48 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-49 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-49 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-49 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-49 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-49 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-50 | 2471.268 | 5094.551 | 893.8622 | 0 | 6604.684 | 0 | 0 | 0 | 0 | 15064.37 | 0 |
| Jul-50 | 887.2114 | 0 | 64.44123 | 0 | 969.7833 | 0 | 0 | 0 | 0 | 1921.436 | 0 |
| Aug-50 | 1238.478 | 0 | 64.44123 | 0 | 1071.374 | 0 | 0 | 0 | 0 | 2374.293 | 0 |
| Sep-50 | 2424.203 | 0 | 20.78749 | 0 | 2080.807 | 0 | 0 | 0 | 0 | 4525.798 | 0 |
| Oct-50 | 0 | 0 | 0 | 0 | 70.54922 | 0 | 0 | 0 | 0 | 70.54922 | 0 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154,735 | 161.73 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154,735 | 161.73 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154,735 | 161.73 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154,735 | 161.73 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 154,735 | 161.73 |
| Jun-18 | 122,328 | 17,216 | 0 | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 115,154 | 0 | 0 | 1,393 | 0 | 0 | 179,085 | 161.90 |
| Jul-18 | 14,326 | 7,149 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,652 | 0 | 0 | 15,982 | 0 | 0 | 179,085 | 161.90 |
| Aug-18 | 19,998 | 7,935 | 0 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,010 | 0 | 0 | 16,143 | 0 | 0 | 179,085 | 161.90 |
| Sep-18 | 39,143 | 7,450 | 0 | 434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40,778 | 0 | 0 | 6,249 | 0 | 0 | 179,085 | 161.90 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jun-19 | 122,165 | 17,383 | 0 | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139,495 | 0 | 0 | 1,406 | 0 | 0 | 179,085 | 161.90 |
| Jul-19 | 14,326 | 7,149 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,652 | 0 | 0 | 15,982 | 0 | 0 | 179,085 | 161.90 |
| Aug-19 | 19,998 | 7,935 | 0 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,010 | 0 | 0 | 16,143 | 0 | 0 | 179,085 | 161.90 |
| Sep-19 | 39,143 | 7,450 | 0 | 434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40,778 | 0 | 0 | 6,249 | 0 | 0 | 179,085 | 161.90 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jun-20 | 122,190 | 17,386 | 0 | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139,524 | 0 | 1,406 | 0 | 0 | 179,085 | 161.90 |
| Jul-20 | 14,326 | 7,149 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,652 | 0 | 15,982 | 0 | 0 | 179,085 | 161.90 |
| Aug-20 | 19,998 | 7,935 | 0 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,010 | 0 | 16,143 | 0 | 0 | 179,085 | 161.90 |
| Sep-20 | 39,143 | 7,450 | 0 | 434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40,778 | 0 | 6,249 | 0 | 0 | 179,085 | 161.90 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jun-21 | 122,165 | 17,383 | 0 | 1,353 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 139,495 | 0 | 1,406 | 0 | 0 | 179,085 | 161.90 |
| Jul-21 | 14,326 | 7,149 | 0 | 159 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,652 | 0 | 15,982 | 0 | 0 | 179,085 | 161.90 |
| Aug-21 | 19,998 | 7,935 | 0 | 221 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12,010 | 0 | 16,143 | 0 | 0 | 179,085 | 161.90 |
| Sep-21 | 39,143 | 7,450 | 0 | 434 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40,778 | 0 | 6,249 | 0 | 0 | 179,085 | 161.90 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 179,085 | 161.90 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 103,157 | 75,928 | 160.91 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51,578 | 24,350 | 159.87 |
| Jun-22 | 136,315 | 2,841 | 0 | 1,353 | 148,003 | 111,071 | 19,709 | 6,569 | 24,472 | 157,822 | 2,990 | 5,568 | 0 | 0 | 639,831 | 230 | 0 | 0 | 1,000 | 158.33 |
| Jul-22 | 16,046 | 950 | 0 | 159 | 3,335 | 14,058 | 2,300 | 761 | 3,673 | 59,773 | 3,196 | 5,952 | 0 | 0 | 108,080 | 2,123 | 0 | 0 | 1,000 | 158.33 |
| Aug-22 | 22,399 | 1,054 | 0 | 221 | 0 | 19,149 | 3,204 | 1,056 | 4,017 | 61,586 | 3,196 | 5,952 | 0 | 0 | 119,690 | 2,144 | 0 | 0 | 1,000 | 158.33 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Sep-22 | 43,843 | 990 | 0 | 434 | 17,526 | 36,366 | 6,242 | 2,043 | 7,689 | 78,870 | 3,093 | 5,760 | 0 | 0 | 202,025 | 830 | 0 | 0 | 1,000 | 158.33 |
| Oct-22 | 0 | 0 | 0 | 0 | 600 | 1,222 | 0 | 0 | 261 | 43,192 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 55,423 | 160.60 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,595 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 106,108 | 161.28 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,896 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 158,374 | 161.76 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,894 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 210,638 | 162.11 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 0 | 0 | 37,988 | 2,887 | 5,376 | 0 | 0 | 0 | 0 | 0 | 0 | 258,146 | 162.40 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,899 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 310,415 | 162.68 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,595 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 361,101 | 162.93 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,896 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 413,367 | 163.18 |
| Jun-23 | 92,361 | 20,060 | 4,965 | 1,353 | 92,090 | 111,071 | 14,577 | 6,569 | 24,472 | 157,023 | 3,093 | 5,760 | 0 | 0 | 864,000 | 1,623 | 0 | 0 | 81,138 | 160.98 |
| Jul-23 | 12,200 | 1,211 | 689 | 159 | 3,176 | 14,060 | 1,572 | 761 | 3,673 | 59,490 | 3,196 | 5,952 | 0 | 0 | 183,569 | 2,707 | 0 | 0 | 1,000 | 158.33 |
| Aug-23 | 16,302 | 1,054 | 1,113 | 221 | 0 | 19,151 | 2,016 | 1,056 | 4,017 | 61,335 | 3,196 | 5,952 | 0 | 0 | 113,269 | 2,144 | 0 | 0 | 1,000 | 158.33 |
| Sep-23 | 30,312 | 990 | 2,470 | 434 | 16,651 | 36,367 | 3,553 | 2,043 | 7,689 | 78,489 | 3,093 | 5,760 | 0 | 0 | 187,019 | 830 | 0 | 0 | 1,000 | 158.33 |
| Oct-23 | 0 | 0 | 0 | 0 | 574 | 1,222 | 0 | 0 | 261 | 43,181 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 55,385 | 160.60 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,595 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 106,071 | 161.28 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,896 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 158,337 | 161.76 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,594 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 210,301 | 162.11 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 1,249 | 0 | 0 | 0 | 39,003 | 2,990 | 5,568 | 0 | 0 | 0 | 0 | 0 | 0 | 259,111 | 162.40 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,588 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 311,069 | 162.68 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,295 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 361,455 | 162.93 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,586 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 413,411 | 163.18 |
| Jun-24 | 60,865 | 19,124 | 10,887 | 1,353 | 92,113 | 111,094 | 8,461 | 6,570 | 24,477 | 156,746 | 3,093 | 5,760 | 0 | 0 | 864,000 | 1,547 | 0 | 0 | 48,407 | 160.47 |
| Jul-24 | 9,022 | 1,066 | 1,276 | 159 | 3,176 | 14,060 | 952 | 761 | 3,673 | 59,164 | 3,196 | 5,952 | 0 | 0 | 147,481 | 2,382 | 0 | 0 | 1,000 | 158.33 |
| Aug-24 | 12,639 | 1,054 | 1,782 | 221 | 0 | 19,151 | 1,303 | 1,056 | 4,017 | 61,007 | 3,196 | 5,952 | 0 | 0 | 109,233 | 2,144 | 0 | 0 | 1,000 | 158.33 |
| Sep-24 | 24,739 | 990 | 3,488 | 434 | 16,651 | 36,367 | 2,445 | 2,043 | 7,689 | 78,182 | 3,093 | 5,760 | 0 | 0 | 181,049 | 830 | 0 | 0 | 1,000 | 158.33 |
| Oct-24 | 0 | 0 | 0 | 0 | 574 | 1,222 | 0 | 0 | 261 | 42,870 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 55,075 | 160.60 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,295 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 105,461 | 161.27 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,586 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 157,417 | 161.75 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,584 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 209,371 | 162.10 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 1,257 | 0 | 0 | 0 | 37,708 | 2,887 | 5,376 | 0 | 0 | 0 | 0 | 0 | 0 | 256,598 | 162.39 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,589 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 308,558 | 162.67 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 1,237 | 0 | 0 | 0 | 40,295 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 358,943 | 162.92 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 1,222 | 0 | 0 | 0 | 41,586 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 410,899 | 163.17 |
| Jun-25 | 60,974 | 18,995 | 10,885 | 1,353 | 92,090 | 111,073 | 8,460 | 6,569 | 24,472 | 156,722 | 3,093 | 5,760 | 0 | 0 | 864,000 | 1,536 | 0 | 0 | 45,807 | 160.42 |
| Jul-25 | 9,024 | 1,057 | 1,276 | 159 | 3,176 | 14,077 | 952 | 761 | 3,673 | 59,163 | 3,196 | 5,952 | 0 | 0 | 144,910 | 2,363 | 0 | 0 | 1,000 | 158.33 |
| Aug-25 | 12,639 | 1,054 | 1,782 | 221 | 0 | 19,904 | 1,303 | 1,056 | 4,017 | 61,718 | 3,196 | 5,952 | 0 | 0 | 110,698 | 2,144 | 0 | 0 | 1,000 | 158.33 |
| Sep-25 | 24,739 | 990 | 3,488 | 434 | 16,651 | 38,016 | 2,445 | 2,043 | 7,689 | 79,794 | 3,093 | 5,760 | 0 | 0 | 184,310 | 830 | 0 | 0 | 1,000 | 158.33 |
| Oct-25 | 0 | 0 | 0 | 0 | 574 | 2,976 | 0 | 0 | 261 | 44,623 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 58,582 | 160.66 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 2,880 | 0 | 0 | 0 | 41,940 | 3,093 | 5,760 | 0 | 0 | 0 | 0 | 0 | 0 | 112,255 | 161.34 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 2,976 | 0 | 0 | 0 | 43,338 | 3,196 | 5,952 | 0 | 0 | 0 | 0 | 0 | 0 | 167,717 | 161.82 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,350 | 0 | 228 | 2 | 0 | 0 | 0 | 169,293 | 0 | 0 | 157.75 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-26 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-26 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-26 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-26 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-27 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-27 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-27 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-27 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-28 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,608 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-28 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-28 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-28 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-29 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-29 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-29 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-29 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-30 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-30 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-30 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-30 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-31 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-31 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-31 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-31 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-32 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,608 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-32 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-32 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-32 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-33 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-33 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-33 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-33 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-34 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-34 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-34 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-34 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-35 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-35 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-35 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-35 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-36 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,608 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-36 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-36 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Sep-36 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-37 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-37 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-37 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-37 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-38 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-38 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-38 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-38 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-39 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-39 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-39 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-39 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-40 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,608 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-40 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-40 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-40 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-41 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-41 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-41 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-41 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-42 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91,589 | 0 | 0 | 159 | 0 | 0 | 0 | 157.75 |
| Jul-42 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9,527 | 0 | 0 | 1,811 | 0 | 0 | 0 | 157.75 |
| Aug-42 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13,766 | 0 | 0 | 1,829 | 0 | 0 | 0 | 157.75 |
| Sep-42 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,902 | 0 | 0 | 708 | 0 | 0 | 0 | 157.75 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-43 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-43 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-43 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-43 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-44 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91607.5 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-44 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-44 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-44 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-45 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-45 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-45 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-45 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-46 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-46 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-46 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-46 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-47 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-47 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-47 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-47 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-48 | 77556.62 | 1970.034 | 10886.79 | 1353.377 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91607.5 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-48 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-48 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-48 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-49 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-49 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-49 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |
| Sep-49 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Jun-50 | 77540.58 | 1969.637 | 10884.54 | 1353.097 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 91588.53 | 0 | 0 | 159.3166 | 0 | 0 | 0 | 157.75 |
| Jul-50 | 9092.854 | 810.0847 | 1276.383 | 158.672 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9527.095 | 0 | 0 | 1810.899 | 0 | 0 | 0 | 157.75 |
| Aug-50 | 12692.92 | 899.0657 | 1781.732 | 221.4937 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13766.02 | 0 | 0 | 1829.191 | 0 | 0 | 0 | 157.75 |

## EAST (LAKE A53) SECTOR / IVR ATTENUATION POND

| | INFLOWS | | | | | | | | | | | | OUTFLOWS | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Natural Runoff | Direct Runoff | Ore Runoff | Land Farm | Whale Tail Attenuation Pond | IVR Pit | IVR WRSF | North Sump | Whale Tail WRSF | Whale Tail Pit | Truck Shop | Camp Biodisk | Whale Tail Lake (North Basin) | Whale Tail Lake (South Basin) | O-WTP | Evaporation | Underground | Flush during Operations | Pond Volume | Water Level |
| Sep-50 | 24845.18 | 844.21 | 3487.571 | 433.5529 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28902.44 | 0 | 0 | 708.0739 | 0 | 0 | 0 | 157.75 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 157.75 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 3,196 | 744 | 0 | 0 | 4,591,416 | 152.49 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,178 | 0 | 2,887 | 672 | 0 | 0 | 4,585,679 | 152.49 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 3,196 | 744 | 0 | 0 | 4,579,327 | 152.48 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,334 | 0 | 3,093 | 720 | 0 | 0 | 4,573,180 | 152.47 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 3,196 | 744 | 0 | 0 | 4,566,828 | 152.47 |
| Jun-18 | 78,414 | 161,653 | 33,763 | 64,160 | 941,469 | 0 | 418,007 | 223,042 | 78,288 | 346,307 | 0 | 0 | 0 | 2,299,747 | 0 | 0 | 0 | 2,334 | 0 | 3,093 | 1,068 | 7,921 | 0 | 4,597,768 | 152.50 |
| Jul-18 | 28,120 | 0 | 40,389 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 3,196 | 1,488 | 90,288 | 0 | 4,624,737 | 152.53 |
| Aug-18 | 39,040 | 0 | 45,435 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,412 | 0 | 3,196 | 1,488 | 92,440 | 0 | 4,747,366 | 152.67 |
| Sep-18 | 74,971 | 0 | 44,651 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37,451 | 0 | 5,405,248 | 153.36 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,405,248 | 153.36 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,405,248 | 153.36 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,405,248 | 153.36 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,405,248 | 153.36 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,405,248 | 153.36 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,333,333 | 0 | 0 | 0 | 13,609 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,724,972 | 154.44 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 711,111 | 0 | 0 | 0 | 6,585 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,429,498 | 154.73 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,429,498 | 154.73 |
| Jun-19 | 349,062 | 719,595 | 129,286 | 245,684 | 0 | 0 | 55,786 | 223,041 | 47,259 | 0 | 0 | 1,128,365 | 0 | 0 | 0 | 23,109 | 0 | 0 | 0 | 0 | 0 | 30,330 | 0 | 10,274,140 | 155.60 |
| Jul-19 | 130,334 | 0 | 166,486 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,040 | 0 | 0 | 0 | 0 | 0 | 372,171 | 0 | 10,172,750 | 155.57 |
| Aug-19 | 182,271 | 0 | 183,813 | 0 | 0 | 0 | 0 | 4,182 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,040 | 0 | 0 | 0 | 0 | 0 | 373,976 | 0 | 10,143,000 | 155.56 |
| Sep-19 | 355,072 | 0 | 174,943 | 0 | 0 | 0 | 0 | 60,824 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,200 | 0 | 0 | 0 | 0 | 0 | 146,732 | 0 | 10,561,900 | 155.68 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,535,860 | 155.67 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,510,660 | 155.66 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26,040 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,484,620 | 155.65 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,464,110 | 155.65 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,440 | 0 | 0 | 0 | 0 | 29,290 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,445,260 | 155.64 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,425,110 | 155.64 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 0 | 0 | 0 | 30,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,405,610 | 155.63 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,385,460 | 155.63 |
| Jun-20 | 354,607 | 731,251 | 148,714 | 282,688 | 0 | 139,524 | 0 | 223,088 | 0 | 0 | 10,800 | 0 | 0 | 0 | 377,986 | 30,300 | 0 | 0 | 0 | 0 | 0 | 34,887 | 0 | 11,832,960 | 156.00 |
| Jul-20 | 125,761 | 0 | 182,970 | 0 | 0 | 5,652 | 0 | 0 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 409,019 | 0 | 11,718,170 | 155.97 |
| Aug-20 | 175,857 | 0 | 202,193 | 0 | 0 | 12,010 | 0 | 4,182 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 411,370 | 0 | 11,680,900 | 155.96 |
| Sep-20 | 343,411 | 0 | 190,974 | 0 | 0 | 40,778 | 0 | 60,824 | 0 | 0 | 10,800 | 0 | 0 | 0 | 304,244 | 30,300 | 0 | 0 | 0 | 0 | 0 | 160,178 | 0 | 11,832,960 | 156.00 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,812,810 | 155.99 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 0 | 0 | 0 | 30,300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,793,310 | 155.99 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 0 | 0 | 0 | 31,310 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,773,160 | 155.99 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,310 | 0 | 0 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,752,850 | 155.98 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,220 | 0 | 0 | 0 | 0 | 28,560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,734,510 | 155.98 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,315 | 0 | 0 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,714,210 | 155.97 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,950 | 0 | 0 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,694,560 | 155.97 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,315 | 0 | 0 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,674,250 | 155.96 |
| Jun-21 | 349,929 | 721,384 | 153,788 | 292,244 | 0 | 139,495 | 0 | 223,041 | 0 | 0 | 10,950 | 0 | 455,239 | 0 | 2,120,681 | 30,600 | 0 | 0 | 0 | 0 | 0 | 36,078 | 0 | 11,832,960 | 156.00 |
| Jul-21 | 125,647 | 0 | 183,381 | 0 | 0 | 5,652 | 0 | 0 | 0 | 0 | 11,315 | 0 | 95,427 | 0 | 11,817 | 31,620 | 0 | 0 | 0 | 0 | 0 | 409,938 | 0 | 11,801,010 | 155.99 |
| Aug-21 | 175,371 | 0 | 203,586 | 0 | 0 | 12,010 | 0 | 4,182 | 0 | 0 | 11,315 | 0 | 101,414 | 0 | 30,100 | 31,620 | 0 | 0 | 0 | 0 | 0 | 414,206 | 0 | 11,832,960 | 156.00 |
| Sep-21 | 343,200 | 0 | 191,264 | 0 | 0 | 40,778 | 0 | 60,824 | 0 | 0 | 10,950 | 0 | 165,393 | 0 | 621,388 | 30,600 | 0 | 0 | 0 | 0 | 0 | 160,421 | 0 | 11,832,960 | 156.00 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,315 | 0 | 31,073 | 0 | 10,768 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,950 | 0 | 25,500 | 0 | 5,850 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,315 | 0 | 26,350 | 0 | 6,045 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,165 | 0 | 26,350 | 0 | 5,895 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,080 | 0 | 23,800 | 0 | 5,320 | 28,560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 26,350 | 0 | 5,890 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 102,248 | 0 | 82,448 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 55,213 | 0 | 34,753 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,832,960 | 156.00 |
| Jun-22 | 349,863 | 721,248 | 153,859 | 292,380 | 0 | 0 | 0 | 223,041 | 0 | 0 | 10,800 | 0 | 632,235 | 0 | 2,316,732 | 30,600 | 0 | 0 | 0 | 0 | 0 | 36,095 | 0 | 11,832,960 | 156.00 |
| Jul-22 | 125,621 | 0 | 183,474 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 131,780 | 0 | 22,952 | 31,620 | 0 | 0 | 0 | 0 | 0 | 410,146 | 0 | 11,820,280 | 156.00 |
| Aug-22 | 175,340 | 0 | 203,676 | 0 | 0 | 0 | 0 | 4,182 | 0 | 0 | 11,160 | 0 | 126,930 | 0 | 62,597 | 31,620 | 0 | 0 | 0 | 0 | 0 | 414,387 | 0 | 11,832,960 | 156.00 |
| Sep-22 | 343,200 | 0 | 191,264 | 0 | 0 | 0 | 0 | 60,824 | 0 | 0 | 10,800 | 0 | 207,781 | 0 | 622,848 | 30,600 | 0 | 0 | 0 | 0 | 0 | 160,421 | 0 | 11,832,960 | 156.00 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 8,865 | 0 | 6,405 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,814,960 | 156.00 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 1,800 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,796,960 | 155.99 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 1,860 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,778,360 | 155.99 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,760 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,760,660 | 155.98 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,080 | 0 | 2,520 | 0 | 0 | 28,560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,744,700 | 155.98 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,727,030 | 155.97 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,709,930 | 155.97 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,692,260 | 155.96 |
| Jun-23 | 349,922 | 721,368 | 153,796 | 292,260 | 0 | 0 | 0 | 223,041 | 0 | 0 | 10,800 | 0 | 862,550 | 0 | 2,406,357 | 30,600 | 0 | 0 | 0 | 0 | 0 | 36,080 | 0 | 11,832,960 | 156.00 |
| Jul-23 | 125,605 | 0 | 183,532 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 228,230 | 0 | 106,631 | 31,620 | 0 | 0 | 0 | 0 | 0 | 410,276 | 0 | 11,832,960 | 156.00 |
| Aug-23 | 175,334 | 0 | 203,692 | 0 | 0 | 0 | 0 | 4,182 | 0 | 0 | 11,160 | 0 | 141,857 | 0 | 90,184 | 31,620 | 0 | 0 | 0 | 0 | 0 | 414,420 | 0 | 11,832,960 | 156.00 |
| Sep-23 | 343,200 | 0 | 191,264 | 0 | 0 | 0 | 0 | 60,824 | 0 | 0 | 10,800 | 0 | 212,603 | 0 | 627,670 | 30,600 | 0 | 0 | 0 | 0 | 0 | 160,421 | 0 | 11,832,960 | 156.00 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 9,894 | 0 | 6,534 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,815,860 | 156.00 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,798,760 | 155.99 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,781,090 | 155.99 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,763,420 | 155.98 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,440 | 0 | 2,610 | 0 | 0 | 29,580 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,746,890 | 155.98 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,729,220 | 155.97 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,712,120 | 155.97 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,694,450 | 155.97 |
| Jun-24 | 349,920 | 721,586 | 153,798 | 292,353 | 0 | 0 | 0 | 223,088 | 0 | 0 | 10,800 | 0 | 862,550 | 0 | 2,408,905 | 30,600 | 0 | 0 | 0 | 0 | 0 | 36,080 | 0 | 11,832,960 | 156.00 |
| Jul-24 | 125,605 | 0 | 183,532 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 199,322 | 0 | 77,723 | 31,620 | 0 | 0 | 0 | 0 | 0 | 410,276 | 0 | 11,832,960 | 156.00 |
| Aug-24 | 175,334 | 0 | 203,692 | 0 | 0 | 0 | 0 | 4,182 | 0 | 0 | 11,160 | 0 | 137,835 | 0 | 86,162 | 31,620 | 0 | 0 | 0 | 0 | 0 | 414,420 | 0 | 11,832,960 | 156.00 |
| Sep-24 | 343,200 | 0 | 191,264 | 0 | 0 | 0 | 0 | 60,824 | 0 | 0 | 10,800 | 0 | 206,700 | 0 | 621,767 | 30,600 | 0 | 0 | 0 | 0 | 0 | 160,421 | 0 | 11,832,960 | 156.00 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 9,720 | 0 | 6,360 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,815,860 | 156.00 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,798,760 | 155.99 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,781,090 | 155.99 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,763,420 | 155.98 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,080 | 0 | 2,520 | 0 | 0 | 28,560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,747,460 | 155.98 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,729,790 | 155.97 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,712,690 | 155.97 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,695,020 | 155.97 |
| Jun-25 | 349,920 | 721,363 | 153,799 | 292,264 | 0 | 0 | 0 | 223,041 | 0 | 0 | 10,800 | 0 | 862,550 | 0 | 2,409,117 | 30,600 | 0 | 0 | 0 | 0 | 0 | 36,080 | 0 | 11,832,960 | 156.00 |
| Jul-25 | 125,605 | 0 | 183,532 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 199,337 | 0 | 77,738 | 31,620 | 0 | 0 | 0 | 0 | 0 | 410,276 | 0 | 11,832,960 | 156.00 |
| Aug-25 | 175,334 | 0 | 203,692 | 0 | 0 | 0 | 0 | 4,182 | 0 | 0 | 11,160 | 0 | 139,252 | 0 | 87,580 | 31,620 | 0 | 0 | 0 | 0 | 0 | 414,420 | 0 | 11,832,960 | 156.00 |
| Sep-25 | 343,200 | 0 | 191,264 | 0 | 0 | 0 | 0 | 60,824 | 0 | 0 | 10,800 | 0 | 209,899 | 0 | 624,966 | 30,600 | 0 | 0 | 0 | 0 | 0 | 160,421 | 0 | 11,832,960 | 156.00 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 9,830 | 0 | 6,470 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,815,860 | 156.00 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10,800 | 0 | 2,700 | 0 | 0 | 30,600 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,798,760 | 155.99 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,160 | 0 | 2,790 | 0 | 0 | 31,620 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11,781,090 | 155.99 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 11,763,560 | 155.98 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,577 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 11,747,650 | 155.98 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 11,730,030 | 155.97 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 11,712,980 | 155.97 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 1,395,000 | 10,300,370 | 155.61 |
| Jun-26 | 360,929 | 744,060 | 141,855 | 269,568 | 0 | 0 | 0 | 223,041 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 360 | 0 | 0 | 0 | 33,278 | 1,350,000 | 10,639,490 | 155.70 |
| Jul-26 | 129,023 | 0 | 162,633 | 0 | 0 | 0 | 0 | 0 | 2,889 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 363,557 | 1,395,000 | 9,157,860 | 155.28 |
| Aug-26 | 170,590 | 0 | 160,556 | 0 | 0 | 0 | 15,360 | 4,182 | 14,848 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 326,660 | 1,395,000 | 7,784,119 | 154.86 |
| Sep-26 | 288,785 | 0 | 129,035 | 0 | 0 | 0 | 126,013 | 60,824 | 24,224 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 360 | 0 | 0 | 0 | 108,227 | 1,350,000 | 6,937,725 | 154.54 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 1,395,000 | 5,525,107 | 153.48 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,508,058 | 153.46 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,490,439 | 153.44 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,472,822 | 153.43 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,577 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,456,909 | 153.41 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,439,292 | 153.39 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,689 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,422,242 | 153.38 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,404,625 | 153.36 |
| Jun-27 | 74,297 | 153,163 | 38,230 | 72,649 | 918,505 | 0 | 418,006 | 223,041 | 78,288 | 327,812 | 0 | 0 | 0 | 0 | 0 | 16,689 | 2,134,794 | 360 | 0 | 0 | 0 | 8,969 | 0 | 5,547,803 | 153.50 |
| Jul-27 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,246 | 8,493 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-27 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,246 | 104,877 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-27 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,707 | 639,163 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,282 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,148 | 153.48 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,725 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,513,063 | 153.47 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,283 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,408 | 153.45 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,284 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,752 | 153.43 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,169 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 5,461,235 | 153.41 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,285 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,578 | 153.40 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,728 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,490 | 153.38 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,286 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,831 | 153.36 |
| Jun-28 | 74,291 | 153,199 | 38,236 | 72,682 | 941,663 | 0 | 418,093 | 223,088 | 78,304 | 346,378 | 0 | 0 | 0 | 0 | 0 | 16,759 | 2,180,873 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-28 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,337 | 8,401 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-28 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,338 | 104,786 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-28 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,781 | 639,089 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,342 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,089 | 153.48 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,783 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,946 | 153.47 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,342 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,232 | 153.45 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,342 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,518 | 153.43 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,664 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,518 | 153.41 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,342 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,804 | 153.40 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,783 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,661 | 153.38 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,342 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,947 | 153.36 |
| Jun-29 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,787 | 2,180,473 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-29 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,352 | 8,386 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-29 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,353 | 104,770 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| Sep-29 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,794 | 639,076 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,355 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,076 | 153.48 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,795 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,920 | 153.47 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,355 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,193 | 153.45 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,355 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,466 | 153.43 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,676 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,454 | 153.41 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,355 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,727 | 153.40 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,796 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,571 | 153.38 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,355 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,844 | 153.36 |
| Jun-30 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,799 | 2,180,358 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-30 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,362 | 8,376 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-30 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,362 | 104,761 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-30 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,803 | 639,066 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,365 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,066 | 153.48 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,805 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,901 | 153.47 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,365 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,164 | 153.45 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,365 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,427 | 153.43 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,685 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,406 | 153.41 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,365 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,669 | 153.40 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,805 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,504 | 153.38 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,365 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,767 | 153.36 |
| Jun-31 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,809 | 2,180,271 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-31 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,373 | 8,365 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-31 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,374 | 104,750 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-31 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,815 | 639,055 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,377 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,053 | 153.48 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,817 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,877 | 153.47 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,377 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,128 | 153.45 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,377 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,379 | 153.43 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,256 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 5,460,774 | 153.41 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,377 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,025 | 153.40 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,817 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,425,847 | 153.38 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,378 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,098 | 153.36 |
| Jun-32 | 74,291 | 153,199 | 38,236 | 72,682 | 941,663 | 0 | 418,093 | 223,088 | 78,304 | 346,378 | 0 | 0 | 0 | 0 | 0 | 16,821 | 2,180,078 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-32 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,387 | 8,351 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-32 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,388 | 104,735 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-32 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,828 | 639,041 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,391 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,040 | 153.48 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,830 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,850 | 153.47 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,391 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,086 | 153.45 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,391 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,323 | 153.43 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,708 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,278 | 153.41 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,392 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,515 | 153.40 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,831 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,324 | 153.38 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,392 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,561 | 153.36 |
| Jun-33 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,835 | 2,180,038 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-33 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,403 | 8,336 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-33 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,403 | 104,720 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-33 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,843 | 639,026 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,407 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,024 | 153.48 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,845 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,819 | 153.47 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,407 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,040 | 153.45 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,407 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,261 | 153.43 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,722 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,203 | 153.41 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,407 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,423 | 153.40 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,846 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,218 | 153.38 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,407 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,438 | 153.36 |
| Jun-34 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,851 | 2,179,901 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-34 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,419 | 8,320 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-34 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,419 | 104,704 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-34 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,859 | 639,011 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,424 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,007 | 153.48 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,862 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,784 | 153.47 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,425 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,494,988 | 153.45 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,425 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,191 | 153.43 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,739 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,461,116 | 153.41 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,425 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,443,318 | 153.40 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,863 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,426,096 | 153.38 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,426 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,408,298 | 153.36 |
| Jun-35 | 74,291 | 153,152 | 38,236 | 72,660 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,875 | 2,179,736 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| Jul-35 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,454 | 8,285 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-35 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,455 | 104,669 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-35 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,896 | 638,974 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,463 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,529,967 | 153.48 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,900 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,707 | 153.47 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,464 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,494,871 | 153.45 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,464 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,477,035 | 153.43 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,338 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 5,460,349 | 153.41 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,465 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,442,512 | 153.40 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,902 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,425,250 | 153.38 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,465 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,407,413 | 153.36 |
| Jun-36 | 74,292 | 153,200 | 38,235 | 72,681 | 941,663 | 0 | 418,093 | 223,088 | 78,304 | 346,378 | 0 | 0 | 0 | 0 | 0 | 16,945 | 2,179,270 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-36 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,583 | 8,156 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-36 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,588 | 104,535 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-36 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 17,042 | 638,828 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,632 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,529,799 | 153.48 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,065 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,374 | 153.47 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,635 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,494,367 | 153.45 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,637 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,476,358 | 153.43 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,931 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,460,091 | 153.41 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,640 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,442,079 | 153.40 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,072 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,424,647 | 153.38 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,643 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,406,631 | 153.36 |
| Jun-37 | 74,292 | 153,154 | 38,235 | 72,658 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 17,079 | 2,177,865 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-37 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,647 | 8,092 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-37 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,646 | 104,477 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-37 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 17,076 | 638,793 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,645 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,529,786 | 153.48 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,075 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,350 | 153.47 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,645 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,494,334 | 153.45 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,645 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,476,318 | 153.43 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,937 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,460,045 | 153.41 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,644 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,442,028 | 153.40 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,075 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,424,593 | 153.38 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,644 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,406,577 | 153.36 |
| Jun-38 | 74,292 | 153,154 | 38,235 | 72,658 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 17,067 | 2,177,823 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-38 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,605 | 8,133 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-38 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,603 | 104,521 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-38 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 17,023 | 638,847 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,578 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,529,853 | 153.48 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,010 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,512,482 | 153.47 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,577 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,494,533 | 153.45 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,576 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,476,585 | 153.43 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,875 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,460,375 | 153.41 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,575 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,442,428 | 153.40 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,007 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,425,061 | 153.38 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17,574 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,407,115 | 153.36 |
| Jun-39 | 74,292 | 153,153 | 38,235 | 72,659 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 16,919 | 2,178,509 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-39 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 17,193 | 8,545 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-39 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 17,170 | 104,953 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-39 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 16,507 | 639,362 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,947 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,530,483 | 153.48 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,396 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,513,727 | 153.47 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,939 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,496,417 | 153.45 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,934 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,479,110 | 153.43 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,838 | 0 | 348 | 0 | 0 | 0 | 0 | 0 | 5,462,925 | 153.42 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,926 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,445,627 | 153.40 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,376 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,428,892 | 153.38 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16,917 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,411,602 | 153.36 |
| Jun-40 | 74,290 | 153,197 | 38,237 | 72,685 | 941,663 | 0 | 418,093 | 223,088 | 78,304 | 346,378 | 0 | 0 | 0 | 0 | 0 | 15,392 | 2,185,012 | 360 | 0 | 0 | 0 | 8,970 | 0 | 5,547,803 | 153.50 |
| Jul-40 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 11,200 | 14,539 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-40 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 10,778 | 111,345 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-40 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 8,307 | 647,563 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,443 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,540,988 | 153.49 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,208 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,534,420 | 153.49 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,390 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,527,657 | 153.48 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,366 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,520,920 | 153.47 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,729 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,514,855 | 153.47 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,319 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,508,164 | 153.46 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,092 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,501,713 | 153.45 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6,271 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,495,070 | 153.45 |
| Jun-41 | 74,268 | 153,104 | 38,261 | 72,708 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 4,030 | 2,279,348 | 360 | 0 | 0 | 0 | 8,976 | 0 | 5,547,803 | 153.50 |
| Jul-41 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 2,423 | 23,315 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-41 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 2,354 | 119,769 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-41 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 1,874 | 653,995 | 360 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,578 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,545,853 | 153.50 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,526 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,543,968 | 153.50 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,575 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,542,020 | 153.49 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,574 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,540,074 | 153.49 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,421 | 0 | 336 | 0 | 0 | 0 | 0 | 0 | 5,538,317 | 153.49 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,572 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,536,373 | 153.49 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,520 | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 5,534,493 | 153.49 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,570 | 0 | 372 | 0 | 0 | 0 | 0 | 0 | 5,532,551 | 153.48 |
| Jun-42 | 74,263 | 153,094 | 38,267 | 72,718 | 941,466 | 0 | 418,006 | 223,041 | 78,288 | 346,306 | 0 | 0 | 0 | 0 | 0 | 539 | 2,320,320 | 360 | 0 | 0 | 0 | 8,977 | 0 | 5,547,803 | 153.50 |
| Jul-42 | 26,661 | 0 | 45,647 | 0 | 25,899 | 0 | 24,855 | 0 | 5,090 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 25,705 | 372 | 0 | 0 | 0 | 102,041 | 0 | 5,547,803 | 153.50 |
| Aug-42 | 37,217 | 0 | 50,661 | 0 | 68,679 | 0 | 43,996 | 4,182 | 8,679 | 12,153 | 0 | 0 | 0 | 0 | 0 | 33 | 122,090 | 372 | 0 | 0 | 0 | 103,072 | 0 | 5,547,803 | 153.50 |
| Sep-42 | 72,848 | 0 | 47,570 | 0 | 270,738 | 0 | 125,094 | 60,824 | 23,588 | 95,468 | 0 | 0 | 0 | 0 | 0 | 32 | 656,146 | 51 | 0 | 0 | 0 | 39,899 | 0 | 5,547,803 | 153.50 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,547,770 | 153.50 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,547,738 | 153.50 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,547,704 | 153.50 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-43 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-43 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-43 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-43 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.03632 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-44 | 74262.51 | 153140.1 | 38266.86 | 72741.09 | 941662.5 | 0 | 418093.1 | 223087.8 | 78304.2 | 346378 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-44 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-44 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-44 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-45 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-45 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-45 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-45 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-46 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-46 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-46 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-46 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |

## WHALE TAIL LAKE (SOUTH BASIN)

| | INFLOWS | | | | | | | | | | | | | OUTFLOWS | | | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Rainfall Land Runoff | SWE Land Runoff | Rainfall Lake Runoff | SWE Lake Runoff | Lake A18 | East Sector | Lake A55 | Lake A60 | Lake A62 | Lake A65 | Whale Tail Dike Seepage Pumping Station | Whale Tail Lake (North Basin) | Discharge from O-WTP | Overflow to WTN | Diversion Lake A16 (Mammoth Lake) | Groundwater Infiltration | IVR Pit | Camp Use | Dust Control | Truck Shop | Drilling Water | Evaporation | Drawdown to UG / IVR Pit | Pond Volume | Water Level |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-47 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-47 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-47 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-47 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31.03632 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-48 | 74262.51 | 153140.1 | 38266.86 | 72741.09 | 941662.5 | 0 | 418093.1 | 223087.8 | 78304.2 | 346378 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-48 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-48 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-48 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-49 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-49 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-49 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-49 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29.9661 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4998 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4997 |
| Jun-50 | 74262.51 | 153093.1 | 38266.86 | 72718.74 | 941466.2 | 0 | 418006.2 | 223041.1 | 78287.92 | 346305.6 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 2.34E+06 | 0 | 0 | 0 | 0 | 8977.212 | 0 | 5.55E+06 | 153.5 |
| Jul-50 | 26661.03 | 0 | 45646.84 | 0 | 25899.12 | 0 | 24855.04 | 0 | 5089.512 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 26077.39 | 0 | 0 | 0 | 0 | 102041 | 0 | 5.55E+06 | 153.5 |
| Aug-50 | 37216.72 | 0 | 50660.77 | 0 | 68678.95 | 0 | 43996.16 | 4181.555 | 8679.217 | 12153.48 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 122462 | 0 | 0 | 0 | 0 | 103071.7 | 0 | 5.55E+06 | 153.5 |
| Sep-50 | 72848.19 | 0 | 47569.75 | 0 | 270737.5 | 0 | 125093.5 | 60823.67 | 23587.6 | 95468.19 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 656197.6 | 0 | 0 | 0 | 0 | 39898.72 | 0 | 5.55E+06 | 153.5 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33.17676 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.5 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32.10654 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5.55E+06 | 153.4999 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 303 | 0 | 0 | 8,359,697 | 7.08 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122 | 0 | 0 | 8,359,575 | 7.08 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 0 | 0 | 8,359,440 | 7.08 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 131 | 0 | 0 | 8,359,309 | 7.08 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 | 0 | 0 | 8,359,174 | 7.08 |
| Jun-18 | 124,903 | 262,523 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 375,733 | 8,360,000 | 7.08 |
| Jul-18 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-18 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-18 | 139,791 | 0 | 0 | 0 | 48,300 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 17,922 | 8,360,000 | 7.08 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,352,904 | 7.08 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 0 | 8,346,037 | 7.07 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,128 | 0 | 0 | 0 | 0 | 8,339,301 | 7.07 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 744 | 0 | 0 | 0 | 0 | 8,332,950 | 7.06 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 2,178 | 2,887 | 672 | 0 | 0 | 0 | 0 | 8,327,212 | 7.06 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 744 | 0 | 0 | 0 | 0 | 8,320,860 | 7.05 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 720 | 0 | 0 | 0 | 0 | 8,314,713 | 7.05 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 744 | 0 | 0 | 0 | 0 | 8,308,362 | 7.04 |
| Jun-19 | 124,903 | 238,257 | 0 | 0 | 10,867 | 2,334 | 3,093 | 1,069 | 0 | 0 | 0 | 294,158 | 8,360,000 | 7.08 |
| Jul-19 | 82,037 | 0 | 0 | 0 | 123,526 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,311,415 | 7.04 |
| Aug-19 | 99,562 | 0 | 0 | 0 | 124,774 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,279,107 | 7.02 |
| Sep-19 | 139,791 | 0 | 0 | 0 | 48,300 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 3,731 | 8,360,000 | 7.08 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,352,904 | 7.08 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 0 | 8,346,037 | 7.07 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,338,941 | 7.07 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,331,846 | 7.06 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 2,256 | 2,990 | 1,392 | 0 | 0 | 0 | 0 | 8,325,207 | 7.06 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,318,112 | 7.05 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 0 | 8,311,245 | 7.04 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 1,488 | 0 | 0 | 0 | 0 | 8,304,149 | 7.04 |
| Jun-20 | 124,903 | 238,330 | 0 | 0 | 10,867 | 2,334 | 3,093 | 1,440 | 0 | 0 | 0 | 289,647 | 8,360,000 | 7.08 |
| Jul-20 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 0 | 0 | 8,318,486 | 7.05 |
| Aug-20 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 0 | 0 | 8,296,638 | 7.03 |
| Sep-20 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 0 | 43,209 | 8,360,000 | 7.08 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 0 | 0 | 8,351,416 | 7.08 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 0 | 0 | 8,343,109 | 7.07 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 0 | 0 | 8,334,525 | 7.06 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,324,316 | 7.05 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 2,178 | 2,887 | 2,688 | 0 | 0 | 1,468 | 0 | 8,315,095 | 7.05 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,304,885 | 7.04 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,573 | 0 | 8,295,004 | 7.03 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,284,795 | 7.02 |
| Jun-21 | 124,903 | 238,257 | 0 | 72,990 | 10,867 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,573 | 340,198 | 8,360,000 | 7.08 |
| Jul-21 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,316,861 | 7.05 |
| Aug-21 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,293,387 | 7.03 |
| Sep-21 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,573 | 38,385 | 8,360,000 | 7.08 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,349,790 | 7.08 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,573 | 0 | 8,339,911 | 7.07 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,626 | 0 | 8,329,701 | 7.06 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,319,393 | 7.05 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 2,178 | 2,887 | 2,688 | 0 | 0 | 1,558 | 0 | 8,310,081 | 7.04 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,299,773 | 7.03 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,669 | 0 | 8,289,798 | 7.03 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,279,489 | 7.02 |
| Jun-22 | 124,903 | 238,257 | 0 | 72,990 | 10,867 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,669 | 334,796 | 8,360,000 | 7.08 |
| Jul-22 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,316,761 | 7.05 |
| Aug-22 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,293,189 | 7.03 |
| Sep-22 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,669 | 38,091 | 8,360,000 | 7.08 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,349,692 | 7.08 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,669 | 0 | 8,339,716 | 7.07 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 1,725 | 0 | 8,329,407 | 7.06 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,320,065 | 7.05 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 2,178 | 2,887 | 2,688 | 0 | 0 | 685 | 0 | 8,311,627 | 7.04 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,302,284 | 7.04 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 734 | 0 | 8,293,243 | 7.03 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,283,901 | 7.02 |
| Jun-23 | 124,903 | 238,257 | 0 | 72,990 | 10,867 | 2,334 | 3,093 | 2,880 | 0 | 0 | 734 | 340,143 | 8,360,000 | 7.08 |
| Jul-23 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,317,727 | 7.05 |
| Aug-23 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,295,121 | 7.03 |
| Sep-23 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 734 | 40,958 | 8,360,000 | 7.08 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,350,658 | 7.08 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 734 | 0 | 8,341,617 | 7.07 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 758 | 0 | 8,332,275 | 7.06 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,321,675 | 7.05 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 2,256 | 2,990 | 2,784 | 0 | 0 | 1,886 | 0 | 8,311,759 | 7.04 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,301,160 | 7.03 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,951 | 0 | 8,290,902 | 7.03 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,280,302 | 7.02 |
| Jun-24 | 124,903 | 238,330 | 0 | 73,006 | 10,867 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,951 | 335,416 | 8,360,000 | 7.08 |
| Jul-24 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,316,471 | 7.05 |
| Aug-24 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,292,607 | 7.03 |
| Sep-24 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,951 | 37,227 | 8,360,000 | 7.08 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,349,401 | 7.08 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 1,951 | 0 | 8,339,143 | 7.07 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 2,016 | 0 | 8,328,543 | 7.06 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,319,229 | 7.05 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 2,178 | 2,887 | 2,688 | 0 | 0 | 659 | 0 | 8,310,817 | 7.04 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,301,503 | 7.04 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 707 | 0 | 8,292,489 | 7.03 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,283,175 | 7.02 |
| Jun-25 | 124,903 | 238,257 | 0 | 72,990 | 10,867 | 2,334 | 3,093 | 2,880 | 0 | 0 | 707 | 339,445 | 8,360,000 | 7.08 |
| Jul-25 | 82,037 | 0 | 0 | 8,559 | 123,526 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,317,756 | 7.05 |
| Aug-25 | 99,562 | 0 | 0 | 11,948 | 124,774 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,295,178 | 7.03 |
| Sep-25 | 139,791 | 0 | 0 | 23,387 | 48,300 | 2,334 | 3,093 | 2,880 | 0 | 0 | 707 | 41,042 | 8,360,000 | 7.08 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,350,686 | 7.08 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 2,334 | 3,093 | 2,880 | 0 | 0 | 707 | 0 | 8,341,673 | 7.07 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 2,412 | 3,196 | 2,976 | 0 | 0 | 730 | 0 | 8,332,359 | 7.06 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,332,359 | 7.06 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,332,359 | 7.06 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,332,359 | 7.06 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,332,359 | 7.06 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,332,359 | 7.06 |
| Jun-26 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 324,651 | 8,360,000 | 7.08 |
| Jul-26 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-26 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-26 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-27 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-27 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-27 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-27 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-28 | 124,903 | 238,330 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,366 | 8,360,000 | 7.08 |
| Jul-28 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-28 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-28 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-29 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-29 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-29 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-29 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-30 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-30 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-30 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-30 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-31 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-31 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-31 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-31 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-32 | 124,903 | 238,330 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,366 | 8,360,000 | 7.08 |
| Jul-32 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-32 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-32 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-33 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-33 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-33 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-33 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-34 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-34 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-34 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-34 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-35 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-35 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-35 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-35 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-36 | 124,903 | 238,330 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,366 | 8,360,000 | 7.08 |
| Jul-36 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-36 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-36 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-37 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-37 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-37 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-37 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Jun-38 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-38 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-38 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-38 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-39 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-39 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-39 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-39 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-40 | 124,903 | 238,330 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,366 | 8,360,000 | 7.08 |
| Jul-40 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-40 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-40 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-41 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |
| Jul-41 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-41 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-41 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jun-42 | 124,903 | 238,257 | 0 | 0 | 10,867 | 0 | 0 | 0 | 0 | 0 | 0 | 352,293 | 8,360,000 | 7.08 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Jul-42 | 82,037 | 0 | 0 | 0 | 123,526 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,318,511 | 7.05 |
| Aug-42 | 99,562 | 0 | 0 | 0 | 124,774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,293,299 | 7.03 |
| Sep-42 | 139,791 | 0 | 0 | 0 | 48,300 | 0 | 0 | 0 | 0 | 0 | 0 | 24,789 | 8,360,000 | 7.08 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8,360,000 | 7.08 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-43 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-43 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-43 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-43 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-44 | 124903.3 | 238330 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352365.9 | 8.36E+06 | 7.084746 |
| Jul-44 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-44 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-44 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-45 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-45 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-45 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-45 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-46 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-46 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Aug-46 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-46 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-47 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-47 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-47 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-47 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-48 | 124903.3 | 238330 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352365.9 | 8.36E+06 | 7.084746 |
| Jul-48 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-48 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-48 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-49 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-49 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-49 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |
| Sep-49 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Jun-50 | 124903.3 | 238256.7 | 0 | 0 | 10867.42 | 0 | 0 | 0.00E+00 | 0 | 0 | 0 | 352292.6 | 8.36E+06 | 7.084746 |
| Jul-50 | 82037 | 0 | 0 | 0 | 123526.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.32E+06 | 7.049585 |
| Aug-50 | 99561.93 | 0 | 0 | 0 | 124774 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.29E+06 | 7.028219 |

## Nemo Lake

| | INFLOWS | | | | OUTFLOWS | | | | | | | | STORAGE | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3 | m |
| Date | Net_Summer_Precipit | Net_Winter_Precipitation | NE_Pond_Dewatering | NC Channel | Evaporation | Camp_Use_Act | Truck_shop_Ac | Drilling_water_ | Dust_control_A | UG_Actual | Cement_Actual | Discharge | Pond Volume | Water Level |
| Sep-50 | 139790.5 | 0 | 0 | 0 | 48299.63 | 0 | 0 | 0 | 0 | 0 | 0 | 24789.41 | 8.36E+06 | 7.084746 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8.36E+06 | 7.084746 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Jan-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-19 | 237,261 | 462,519 | 0 | 0 | 235,932 | 0 | 1,128,365 | 0 | 0 | 0 | 0 | 2,064,078 | 0 | 935,712 | 1,128,365 | 0 | 0 | 0 | 0 | 2,064,077 |
| Jul-19 | 0 | 107,320 | 0 | 0 | 22,599 | 0 | 0 | 0 | 0 | 0 | 0 | 129,920 | 0 | 129,920 | 0 | 0 | 0 | 0 | 0 | 129,920 |
| Aug-19 | 0 | 129,974 | 0 | 0 | 33,497 | 0 | 0 | 0 | 0 | 0 | 0 | 163,471 | 0 | 163,471 | 0 | 0 | 0 | 0 | 0 | 163,471 |
| Sep-19 | 0 | 212,628 | 0 | 0 | 73,742 | 0 | 0 | 0 | 0 | 0 | 0 | 286,370 | 0 | 286,370 | 0 | 0 | 0 | 0 | 0 | 286,370 |
| Oct-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-20 | 0 | 476,647 | 236,680 | 0 | 235,981 | 0 | 0 | 0 | 0 | 0 | 0 | 949,308 | 0 | 949,308 | 0 | 0 | 0 | 0 | 0 | 949,308 |
| Jul-20 | 0 | 87,355 | 482 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 87,837 | 0 | 87,837 | 0 | 0 | 0 | 0 | 0 | 87,837 |
| Aug-20 | 0 | 108,876 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 108,876 | 0 | 108,876 | 0 | 0 | 0 | 0 | 0 | 108,876 |
| Sep-20 | 0 | 181,702 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 181,702 | 0 | 181,702 | 0 | 0 | 0 | 0 | 0 | 181,702 |
| Oct-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 26,350 | 0 | 0 | 4,650 | 31,000 |
| Nov-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 25,500 | 0 | 0 | 4,500 | 30,000 |
| Dec-20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 26,350 | 0 | 0 | 4,650 | 31,000 |
| Jan-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 26,350 | 0 | 0 | 4,650 | 31,000 |
| Feb-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,000 | 0 | 0 | 0 | 28,000 | 0 | 0 | 0 | 23,800 | 0 | 0 | 4,200 | 28,000 |
| Mar-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 26,350 | 0 | 0 | 4,650 | 31,000 |
| Apr-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 25,500 | 0 | 0 | 4,500 | 30,000 |
| May-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 26,350 | 0 | 0 | 4,650 | 31,000 |
| Jun-21 | 0 | 480,098 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 480,098 | 0 | 480,098 | 0 | 0 | 0 | 0 | 0 | 480,098 |
| Jul-21 | 0 | 82,532 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82,532 | 0 | 82,532 | 0 | 0 | 0 | 0 | 0 | 82,532 |
| Aug-21 | 0 | 102,043 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 102,043 | 0 | 102,043 | 0 | 0 | 0 | 0 | 0 | 102,043 |
| Sep-21 | 0 | 167,690 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 167,690 | 0 | 167,690 | 0 | 0 | 0 | 0 | 0 | 167,690 |
| Oct-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 0 | 26,350 | 0 | 4,650 | 31,000 |
| Nov-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 30,000 | 0 | 0 | 0 | 0 | 25,500 | 0 | 4,500 | 30,000 |
| Dec-21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 0 | 26,350 | 0 | 4,650 | 31,000 |
| Jan-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 0 | 26,350 | 0 | 4,650 | 31,000 |
| Feb-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28,000 | 0 | 0 | 0 | 28,000 | 0 | 0 | 0 | 0 | 23,800 | 0 | 4,200 | 28,000 |
| Mar-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 31,000 | 0 | 0 | 0 | 0 | 26,350 | 0 | 4,650 | 31,000 |
| Apr-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,740 | 103,157 | 104,897 | 103,157 | 0 | 0 | 0 | 0 | 1,740 | 0 | 104,897 |
| May-22 | 0 | 0 | 0 | 0 | 0 | 51,578 | 0 | 0 | 0 | 1,860 | 0 | 53,438 | 0 | 51,578 | 0 | 0 | 0 | 1,860 | 0 | 53,438 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Jun-22 | 0 | 0 | 0 | 639,831 | 0 | 0 | 0 | 0 | 18,022 | 1,800 | 0 | 659,653 | 0 | 639,831 | 0 | 0 | 15,319 | 1,800 | 2,703 | 659,653 |
| Jul-22 | 0 | 0 | 0 | 108,080 | 0 | 0 | 0 | 0 | 6,726 | 1,860 | 0 | 116,666 | 0 | 108,080 | 0 | 0 | 5,717 | 1,860 | 1,009 | 116,666 |
| Aug-22 | 0 | 0 | 0 | 119,690 | 0 | 0 | 0 | 0 | 7,083 | 1,860 | 0 | 128,633 | 0 | 119,690 | 0 | 0 | 6,021 | 1,860 | 1,062 | 128,633 |
| Sep-22 | 0 | 0 | 0 | 202,025 | 0 | 0 | 0 | 0 | 8,121 | 1,800 | 0 | 211,945 | 0 | 202,025 | 0 | 0 | 6,903 | 1,800 | 1,218 | 211,945 |
| Oct-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 1,860 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 1,860 |
| Nov-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,800 | 0 | 1,800 | 0 | 0 | 0 | 0 | 0 | 1,800 | 0 | 1,800 |
| Dec-22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 1,860 | 0 | 0 | 0 | 0 | 0 | 1,860 | 0 | 1,860 |
| Jan-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Feb-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 2,520 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 2,520 |
| Mar-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Apr-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| May-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jun-23 | 0 | 0 | 0 | 864,000 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 896,700 | 0 | 864,000 | 0 | 0 | 25,500 | 2,700 | 4,500 | 896,700 |
| Jul-23 | 0 | 0 | 0 | 183,569 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 217,359 | 0 | 183,569 | 0 | 0 | 26,350 | 2,790 | 4,650 | 217,359 |
| Aug-23 | 0 | 0 | 0 | 113,269 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 147,059 | 0 | 113,269 | 0 | 0 | 26,350 | 2,790 | 4,650 | 147,059 |
| Sep-23 | 0 | 0 | 0 | 187,019 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 219,719 | 0 | 187,019 | 0 | 0 | 25,500 | 2,700 | 4,500 | 219,719 |
| Oct-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Nov-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| Dec-23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jan-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Feb-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,610 | 0 | 2,610 | 0 | 0 | 0 | 0 | 0 | 2,610 | 0 | 2,610 |
| Mar-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Apr-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| May-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jun-24 | 0 | 0 | 0 | 864,000 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 896,700 | 0 | 864,000 | 0 | 0 | 25,500 | 2,700 | 4,500 | 896,700 |
| Jul-24 | 0 | 0 | 0 | 147,481 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 181,271 | 0 | 147,481 | 0 | 0 | 26,350 | 2,790 | 4,650 | 181,271 |
| Aug-24 | 0 | 0 | 0 | 109,233 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 143,023 | 0 | 109,233 | 0 | 0 | 26,350 | 2,790 | 4,650 | 143,023 |
| Sep-24 | 0 | 0 | 0 | 181,049 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 213,749 | 0 | 181,049 | 0 | 0 | 25,500 | 2,700 | 4,500 | 213,749 |
| Oct-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Nov-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| Dec-24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jan-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Feb-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 2,520 | 0 | 0 | 0 | 0 | 0 | 2,520 | 0 | 2,520 |
| Mar-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Apr-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| May-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jun-25 | 0 | 0 | 0 | 864,000 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 896,700 | 0 | 864,000 | 0 | 0 | 25,500 | 2,700 | 4,500 | 896,700 |
| Jul-25 | 0 | 0 | 0 | 144,910 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 178,700 | 0 | 144,910 | 0 | 0 | 26,350 | 2,790 | 4,650 | 178,700 |
| Aug-25 | 0 | 0 | 0 | 110,698 | 0 | 0 | 0 | 0 | 31,000 | 2,790 | 0 | 144,488 | 0 | 110,698 | 0 | 0 | 26,350 | 2,790 | 4,650 | 144,488 |
| Sep-25 | 0 | 0 | 0 | 184,310 | 0 | 0 | 0 | 0 | 30,000 | 2,700 | 0 | 217,010 | 0 | 184,310 | 0 | 0 | 25,500 | 2,700 | 4,500 | 217,010 |
| Oct-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Nov-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 | 0 | 0 | 0 | 0 | 0 | 2,700 | 0 | 2,700 |
| Dec-25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 | 0 | 0 | 0 | 0 | 0 | 2,790 | 0 | 2,790 |
| Jan-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Nov-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Apr-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Sep-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-35 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-38 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Feb-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-40 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-42 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Jul-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-47 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

## WATER TREATMENT

| | INFLOWS: Metal WTP | | | | | | INFLOWS: TSS WTP | INFLOWS: RO Plant | | INFLOWS: Saltmaker | Bypass | Total Inflows | Bypass | OUTLOWS: Lake A16 (Mammoth Lake) / Whale Tail Lake (South Basin) | | | | | OUTFLOWS: GSP (Brine) | Total Outflows |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon | m3/mon |
| Date | Quarry 1 | Whale Tail Attenuation Pond | GSP-1 | IVR Attenuation Pond (Contact Water) | Northeast Sector | IVR Attenuation Pond (Lake A53 Dewatering) | Whale Tail Lake (North Basin) | Whale Tail Attenuation Pond | GSP-2 | GSP-1 | A53 Bypass | Total Inflows | Bypass to Mammoth Lake | O-WTP to Mammoth Lake | O-WTP to Whale Tail Lake (South Basin) | S-WTP (Brackish) to Mammoth Lake | RO Permeate to Whale Tail Lake (South Basin) | S-WTP (Brine) to Whale Tail Lake (South Basin) | RO Brine to GSP-1 | Total Discharge |
| Dec-48 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jan-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Feb-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mar-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apr-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jun-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jul-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aug-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sep-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nov-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dec-50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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