

Whale Tail Pit

## Appendix C • Whale Tail Pit Tailings Deposition Plan

















## Introduction

Following the revision of the Whale Tail Pit LOM, AEM reviewed the global tailings deposition plan required to store 8,279,144 tons of tailings in the Meadowbank TSF.

## **Parameters**

The model inputs are to one measured with the North Cell bathymetry analysis presented during the MDRB meeting #17:

- Sub aerial tailings slope set at 0.45%;
- Sub aqueous tailings slope set at 2.36%;

Tailings dry density & ice entrapment are presented on next slide.

# **Assumptions**

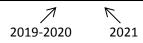
- Using Water <u>balance</u> <u>Whale Tail Pit LOM</u>
- Starting surfaces:
  - North Cell: October 2015 from "15 October 2015 NC backward analysis" (actual deposition)
  - South Cell: December 2017 from "13 Integrated deposition plan + August 2015" (actual budget)
- NC suction location for NC to SC transfers is mobile in time to match the pond's dynamic geometry;
- Maximum of 122days of deposition considered in the NC (summer period).

# **Model parameters**

AEM observed an higher tailings dry density than expected in the South Cell during winter 2014-2015. Following the analysis of the parameter completed this fall, adjustment on the tailings dry density in time was done. This new model represents the evolution of this parameter in function of the tailings pond configuration.

	North Cell Parameters 2019-2021		
Month	Ice	Tailings Dry	Ice
Wionen	Thickness	Density	entrapment
	(m)	(t/m³)	(%)
January	1.1	1.08	90%
February	1.3	1.08	90%
March	1.5	1.08	90%
Q1	1.5	1.08	90%
April	1.7	1.08	90%
May	0	1.32	60%
June	0	1.56	30%
Q2	0	1.32	60%
July	0	1.56	30%
August	0	1.56	30%
September	0	1.56	30%
Q3	0	1.56	30%
October	0.2	1.32	75%
November	0.5	1.08	80%
December	0.8	1.08	90%
Q4	0.8	1.16	82%
Average	-	1.28	65%

	South Cell Parameters 2019-2020 & 2021		
Month	Ice	Tailings Dry	Ice
WIOTILLI	Thickness	Density	entrapment
	(m)	(t/m³)	(%)
January	1.1	1.22 - 1.08	50% - 90%
February	1.3	1.22 - 1.08	50% - 90%
March	1.5	1.22 - 1.08	50% - 90%
Q1	1.5	1.22 - 1.08	50% - 90%
April	1.7	1.49 - 1.08	50% - 90%
May	0	1.49 - 1.32	40% - 60%
June	0	1.49 - 1.56	30%
Q2	0	1.49 - 1.32	40% - 60%
July	0	1.76 - 1.56	30%
August	0	1.76 - 1.56	30%
September	0	1.76 - 1.56	30%
Q3	0	1.76 - 1.56	30%
October	0.2	1.31 - 1.32	40% - 75%
November	0.5	1.31 - 1.08	50% - 80%
December	0.8	1.31 - 1.08	50% - 90%
Q4	0.8	1.31 - 1.16	47% - 82%
Average	-	1.44 - 1.28	42% - 65%



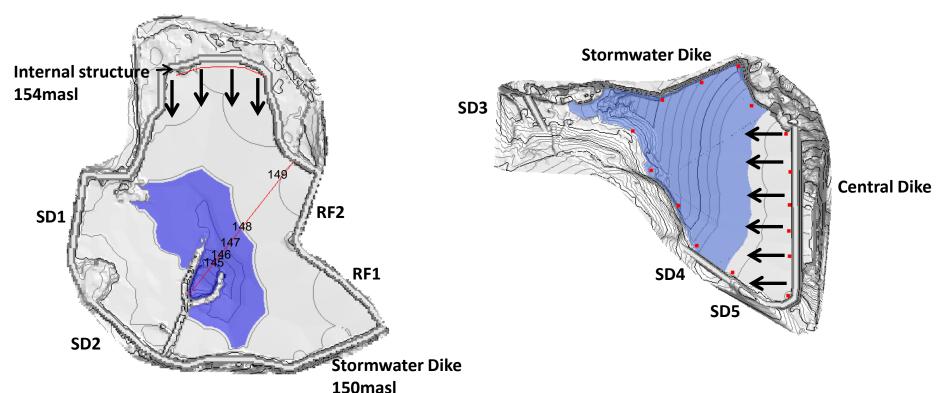
# **Deposition strategy**

#### North Cell TSF

The figure below on the left depicts the geometry of the North Cell before resuming the deposition in June 2019. An incline internal structure will surround the North Cell TSF starting at elevation 154m at the north end of the cell and will decrease in elevation until reaching the SWD at elevation 150m. Most of the deposition will occurred from the north end identified by a red line on the picture below.

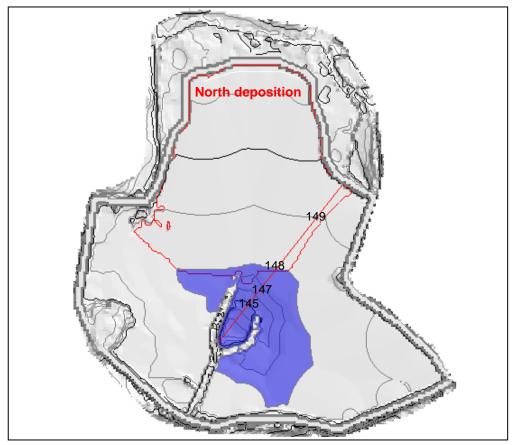
### **South Cell TSF**

The figure below on the right depicts the geometry of the North Cell before resuming the deposition in October 2019. All structure (Central Dike, SD3, 4 & 5 and Stormwater Dike) will be at elevation 150m. Most of the deposition will occurred from the Central Dike in order to reclaim water from the west end of the TSF.



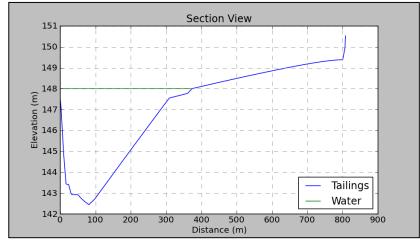
# South Cell TSF deposition plan 2019 Q3

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
92	North	822,454	151.4



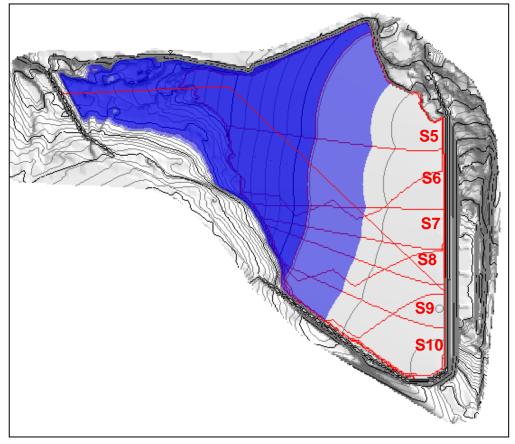
MODEL INPUT		
Pond Volume (m)	713,948	
Ice thickness (m)	0	
Tonnes (t)	821,250	

MODEL OUTPUT		
Total water volume (m³)	183,440	
Free water volume (m³)	183,440	
Ice volume (m³)	O	
Pond elevation (m)	148.000	
Free water elevation (m)	148.000	
Pond bottom elevation (m)	146.422	
Ice ratio (%)	0%	
Ice entrampment (%)	30%	
Transfer (m³)	530,508 (Monthly: 176,836)	



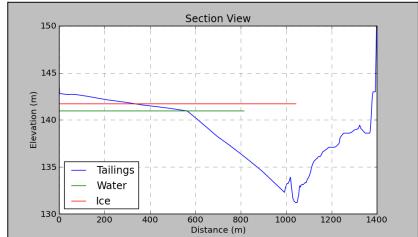
# South Cell TSF deposition plan 2019 Q4

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
46	S5	413,398	142.578
19	S6	170,751	142.772
10	S7	89,869	142.773
8	S8	71,895	142.866
6	S9	53,921	143.053
3	S10	26,961	143.367



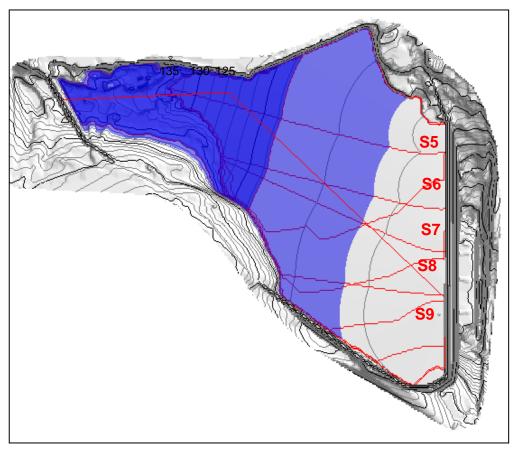
MODEL INPUT		
Pond Volume (m3)	715,998	
Ice thickness (m)	0.8	
Tonnes (t)	821,250	

MODEL OUTPUT		
Total water volume (m³)	955,072	
Free water volume (m³)	715,717	
Ice volume (m³)	239,355	
Pond elevation (m)	141.722	
Free water elevation (m)	140.964	
Pond bottom elevation (m)	131.036	
Ice ratio (%)	25%	
Ice entrampment (%)	47%	
Transfer (m³)	0	



# South Cell TSF deposition plan 2020 Q1

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
50	S5	452,818	143.287
20	S6	181,127	143.568
10	S7	90,564	143.729
8	S8	72,451	143.945
3	S9	27,169	144.017



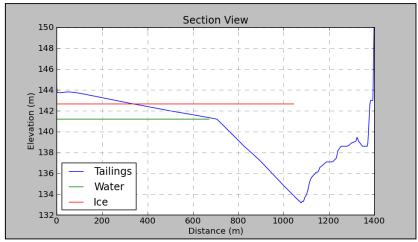
### **Operation risk – Effect of slurry channel**

Beach length: 624m

Tailings volume above water: 315,002m<sup>3</sup>

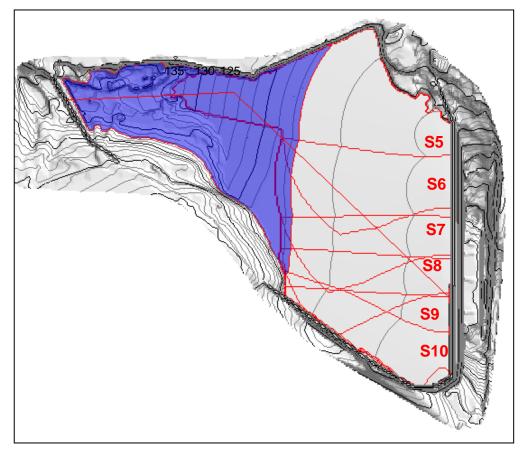
MODEL INPUT		
Pond Volume (m3)	420,922	
Ice thickness (m)	1.5	
Tonnes (t)	821,250	

MODEL OUTPUT		
Total water volume (m³)	829,879	
Free water volume (m³)	420,672	
Ice volume (m³)	409,207	
Pond elevation (m)	142.672	
Free water elevation (m)	141.205	
Pond bottom elevation (m)	132.982	
Ice ratio (%)	49%	
Ice entrampment (%)	50%	
Transfer (m³)	O	



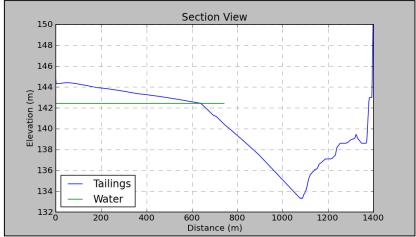
# **South Cell TSF deposition plan 2020 April-May**

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
30	S5	271,577	144.328
12	S6	108,631	144.533
6	S7	54,315	144.505
5	S8	45,263	144.544
4	S9	36,210	144.579
4	S10	36,210	144.930



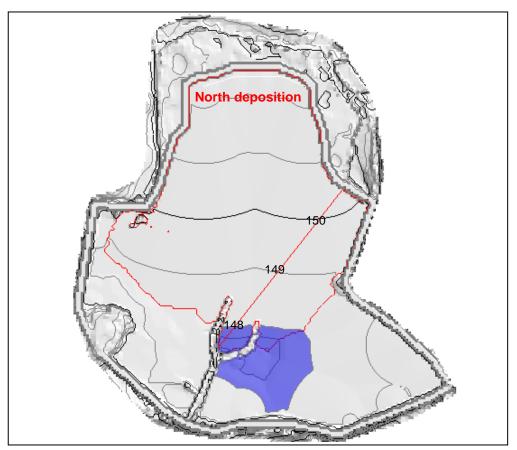
MODEL INPUT		
Pond Volume (m3)	638,376	
Ice thickness (m)	0	
Tonnes (t)	550,508	

MODEL OUTPUT		
Total water volume (m³)	637,638	
Free water volume (m³)	637,638	
Ice volume (m³)	0	
Pond elevation (m)	142.429	
Free water elevation (m)	142.429	
Pond bottom elevation (m)	133.156	
Ice ratio (%)	0%	
Ice entrampment (%)	45%	
Transfer (m³)	0	



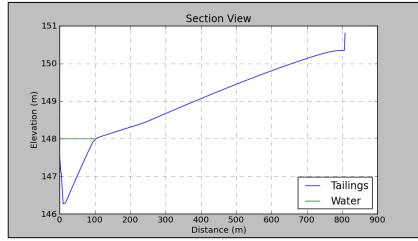
# South Cell TSF deposition plan 2020 June + Q3

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
122	North	1,093,897	152.165



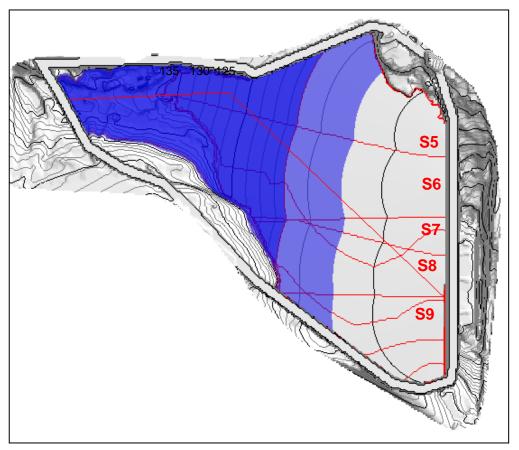
MODEL INPUT		
Pond Volume (m)	845,127	
Ice thickness (m)	О	
Tonnes (t)	1,091,992	

MODEL OUTPUT		
Total water volume (m³)	54,826	
Free water volume (m³)	54,826	
Ice volume (m³)	0	
Pond elevation (m)	148.000	
Free water elevation (m)	148.000	
Pond bottom elevation (m)	145.685	
Ice ratio (%)	0%	
Ice entrampment (%)	30%	
Transfer (m³)	790,301 (Monthly: 197,575)	



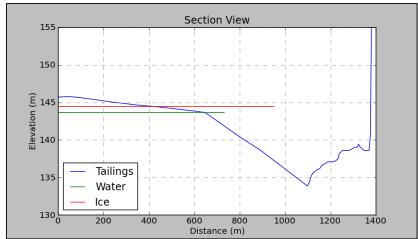
# South Cell TSF deposition plan 2020 Q4

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
45	S5	402,069	145.67
26	S6	232,307	145.867
10	S7	89,349	145.845
8	S8	71,479	145,958
3	S9	26,805	145,969



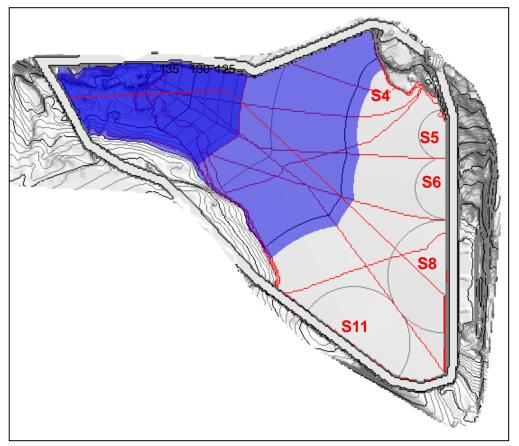
MODEL INPUT		
Pond Volume (m3)	981,347	
Ice thickness (m)	0.8	
Tonnes (t)	821,250	

MODEL OUTPUT		
Total water volume (m³)	981,347	
Free water volume (m³)	757,719	
Ice volume (m³)	223,628	
Pond elevation (m)	144,454	
Free water elevation (m)	143,671	
Pond bottom elevation (m)	133,875	
Ice ratio (%)	23%	
Ice entrampment (%)	47%	
Transfer (m³)	0	



# South Cell TSF deposition plan 2021 Q1

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
33	S4	294,584	145.446
23	S6	205,316	146.411
15	S8	133,902	146.762
15	S11	133,902	146.760
5	S5	44,634	146.341



### Operation risk – Effect of slurry channel

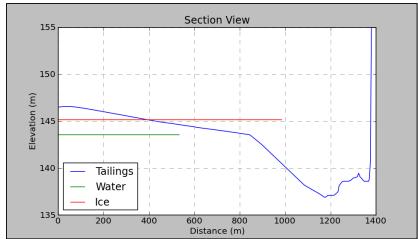
Beach length: 500m

Tailings volume above water: 384,741m³

Tailings volume may fill up the reclaim pond.

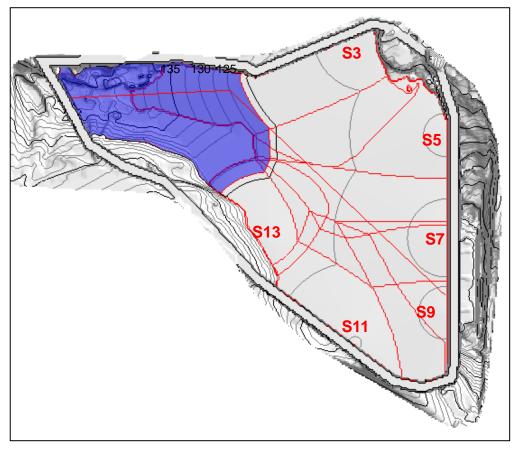
MODEL INPUT		
Pond Volume (m3)	707,990	
Ice thickness (m)	1.5	
Tonnes (t)	810,000	

MODEL OUTPUT		
Total water volume (m³)	707,990	
Free water volume (m³)	368,743	
Ice volume (m³)	339,247	
Pond elevation (m)	145.165	
Free water elevation (m)	143.557	
Pond bottom elevation (m)	136.852	
Ice ratio (%)	48%	
Ice entrampment (%)	90%	
Transfer (m³)	0	



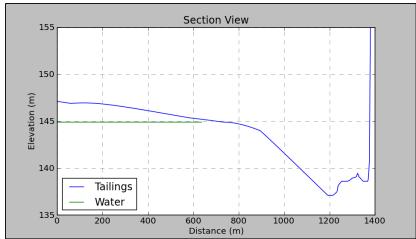
# South Cell TSF deposition plan 2021 April-May

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
23	S3	207,921	146.756
5	S13	45,200	145.853
15	S5	135,601	147.291
5	S11	45,200	147.087
5	S9	45,200	147.355
8	S7	72,320	147.527



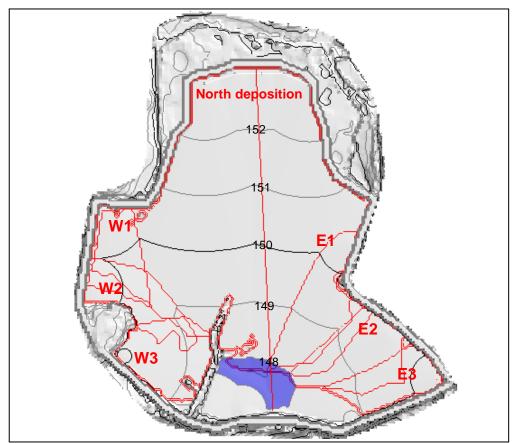
MODEL INPUT		
Pond Volume (m3)	504,484	
Ice thickness (m)	0	
Tonnes (t)	549,000	

MODEL OUTPUT	
Total water volume (m³)	502,913
Free water volume (m³)	502,913
Ice volume (m³)	0
Pond elevation (m)	144.907
Free water elevation (m)	144.907
Pond bottom elevation (m)	137.108
Ice ratio (%)	0%
Ice entrampment (%)	75%
Transfer (m³)	0



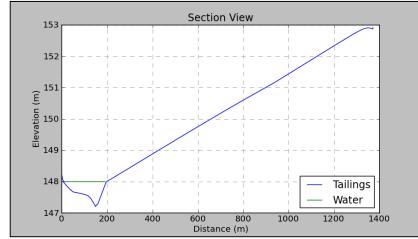
# South Cell TSF deposition plan 2021 June + Q3

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
92	North	829,230	153.02
5	W1	45,067	150.834
5	W2	45,067	150.562
5	W3	45,067	150.132
5	E1	45,067	150.556
5	E2	45,067	150.447
5	E3	45,067	149.915



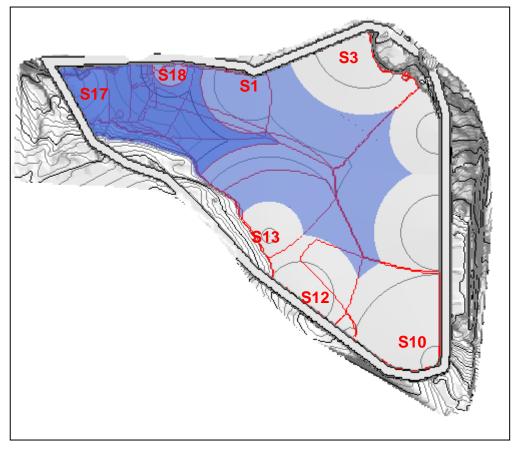
MODEL INPUT	
Pond Volume (m) 731	
Ice thickness (m)	0
Tonnes (t)	1,098,000

MODEL OUTPUT	
Total water volume (m³)	12,735
Free water volume (m³)	12,735
Ice volume (m³)	0
Pond elevation (m)	148.000
Free water elevation (m)	148.000
Pond bottom elevation (m)	146.992
Ice ratio (%)	0%
Ice entrampment (%)	30%
Transfer (m³)	718,823



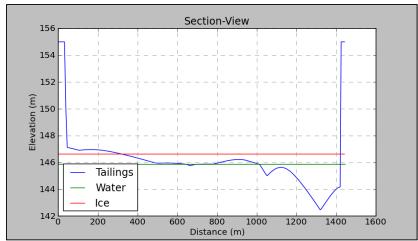
# South Cell TSF deposition plan 2021 Q4

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
5	S10	45,041	147.612
13	S17	117,106	147.805
11	S12	99,090	147.900
12	S13	108,098	147.676
18	S3	162,147	147.122
18	S1	162,147	147.738
15	S18	135,122	146.509



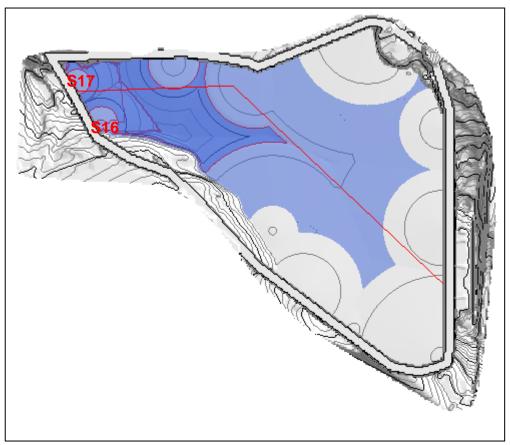
MODEL INPUT		
Pond Volume (m3)	375,815	
Ice thickness (m)	0.80	
Tonnes (t)	828,000	

MODEL OUTPUT	
Total water volume (m³)	375,815
Free water volume (m³)	229,436
Ice volume (m³)	146,379
Pond elevation (m)	146.529
Free water elevation (m)	145.729
Pond bottom elevation (m)	138.981
Ice ratio (%)	39%
Ice entrampment (%)	82%
Transfer (m³)	0



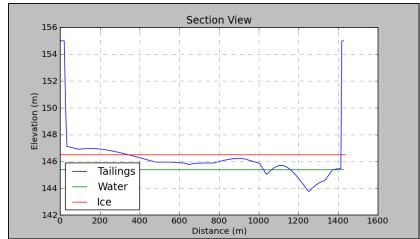
# **South Cell TSF deposition plan 2022 January**

Duration	<b>Deposition Point</b>	Tonnes	Elevation (m)
15	S17	32,619	145.81
16	S16	34,793	147.76



MODEL INPUT		
Pond Volume (m3)	337,197	
Ice thickness (m)	1.10	
Tonnes (t)	66,644	

MODEL OUTPUT		
Total water volume (m³)	337,197	
Free water volume (m³)	103,979	
Ice volume (m³)	233,218	
Pond elevation (m)	146.702	
Free water elevation (m)	145.600	
Pond bottom elevation (m)	142.408	
Ice ratio (%)	69%	
Ice entrampment (%)	90%	
Transfer (m³)	0	



# Results

### **Tonnage profile**

Table below summarizes the tonnage store in each cells in time.

Time	North Cell (t)	South Cell (t)	Total (t)
2019	821,250	821,250	1,642,500
2020	1,091,992	2,193,008	3,285,000
2021	1,098,000	2,187,000	3,285,000
2022	0	66,644	66,644
Total	3,011,242	5,267,902	8,279,144

### **Remaining capacity**

Assuming a tailings dry density of 1.28 t/m³, the South Cell still have a capacity of 1,9Mt. AEM consider that the North Cell is full as the final surface is ideal to minimize capping requirement for closure of the tailings pond.

Dikes elevation	Remaining capacity
North Cell (154m)	0 t
South Cell (150m)	1,900,376 t

No contingency is applied on the remaining capacity presented is this table.

# **Analysis**

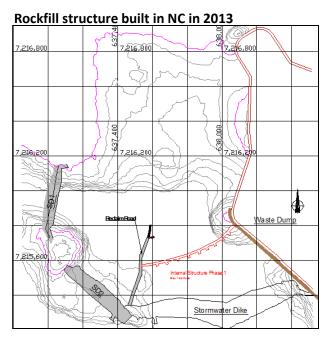
#### **Operational risk**

Deposition in the South Cell will only be performed during winter time as the operation of the North Cell Internal Structure concept requires summer deposition. Base on field observation, slurry discharge over frozen tailings beach habitually channel through the tailings pond instead of beaching in front of the dike. Tons discharged above reclaim water elevation may lead to the bottom of the pond and compromise reclaim water availability in the mill as observed during the winter 2013 in Meadowbank. This event caused a reduction of the storage capacity and compromise mill operation. The 2021-Q1 will be the most critical month.

#### Mitigation

AEM developed an in-house expertise in tailings deposition modeling to forecast these kind of events. To solve this problem in 2013, AEM built rockfill structures inside the tailings pond to prevent the slurry to reach the reclaim water pumping system and higher freshwater consumption was required to operate the mill.

















**Trading Symbol:** AEM on TSX & NYSE

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agnicoeagle.com





Whale Tail Pit

### Appendix D • Meadowbank Mine Water Balance



		•	•	•	•	Yea	r 2019		•		•		ANNUAL TOTAL
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	31	28	31	30	31	30	31	31	30	31	30	31	365
Tailings (tonnes):	0	0	0	0	0	0	276,726	276,726	267,799	276,726	267,799	276,726	1,642,500
Cummulative Tailings (tonnes):	27,874,532	27,874,532	27,874,532	27,874,532	27,874,532	27,874,532	28,151,257	28,427,983	28,695,782	28,972,507	29,240,306	29,517,032	-
Cummulative Tailings (m3) - North Cell	14,248,693	14,248,693	14,248,693	14,248,693	14,248,693	14,248,693	14,426,082	14,603,470	14,775,136	14,775,136	14,775,136	14,775,136	-
Cummulative Tailings (m3) - South Cell	9,556,106	9,556,106	9,556,106	9,556,106	9,556,106	9,556,106	9,556,106	9,556,106	9,556,106	9,767,346	9,971,773	10,183,014	-
North Cell (TSF)									<u> </u>	1			
Starting Pond Volume (m³)	0	196,038	196,038	196,038	196,038	196,038	196,038	194,183	191,708	183,440	158,440	158,440	-
Water from tailings slurry (m³)	0	0	0	0	0	0	174,981	174,361	168,568	0	0	0	517,911
Runoff (m <sup>3</sup> )	0	0	0	0	0	76,665	7,700	42,862	21,238	-13	0	0	148,451
Total Inflow (m³)	0	0	0	0	0	76,665	182,681	217,223	189,806	-13	0	0	666,361
Transfer to South Cell (m³)	0	0	0	0	0	76,665	184,536	219,698	198,074	24,987	0	0	703,959
Reclaim water to the mill (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	76,665	184,536	219,698	198,074	24,987	0	0	703,959
Net Inflow (m <sup>3</sup> )	0	0	0	0	0	0	-1,855	-2,475	-8,268	-25,000	0	0	-37,597
End-of-Month Volume (m <sup>3</sup> )	196,038	196,038	196,038	196,038	196,038	196,038	194,183	191,708	183,440	158,440	158,440	158,440	
South Cell (TSF)													
Pumped From Portage Pit (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m³)	0	0	0	0	0	40,982	-10,260	8,951	5,933	-22	0	0	45,584
Transfer from North Cell (m³)	0	0	0	0	0	76,665	184,536	219,698	198,074	24,987	0	0	703,959
Water from tailings slurry (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	149,469	120,178	124,475	394,122
Total Inflow (m³)	0	0	0	0	0	117,646	174,276	228,648	204.007	174,434	120.178	124,475	1,143,664
Reclaim water to the mill (m <sup>3</sup> )	0	0	0	0	0	0	212,121	212,121	205,278	212,121	205,278	167,481	1,214,399
Transfer to Portage Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	0	212,121	212,121	205,278	212,121	205,278	167,481	1,214,399
	0	0	0	0	0	117,646	-37,845	16,527	-1,271	-37,687	-85,100	-43,006	-70,735
Net Inflow (m³)	-	-						· ·		,	· ·		-70,733
End-of-Month Volume (m³)	1,034,718	1,034,718	1,034,718	1,034,718	1,034,718	1,152,364	1,114,519	1,131,046	1,129,775	1,092,089	1,006,989	963,982	-
Mill/Camp	0	1 0				0	2.507	2.712	2 202	2.740	1.020	2.574	45.024
Ore water (m³)	0	0	0	0	0	0	3,597	2,712	2,383	2,740	1,928	2,574	15,934
Reclaim water (m³)	0	0	0	0	0	0	212,121	212,121	205,278	212,121	205,278	167,481	1,214,399
Freshwater from Third Portage Lake (m³)	2,945	2,660	2,945	2,850	2,945	2,850	37,200	37,200	36,000	37,200	36,000	81,840	282,635
Total Inflow (m <sup>3</sup> )	2,945	2,660	2,945	2,850	2,945	2,850	252,918	252,033	243,662	252,060	243,206	251,894	1,512,968
Freshwater for camp purposes (m <sup>3</sup> )	2,945	2,660	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	34,675
Slurry water (m³)	0	0	0	0	0	0	249,973	249,088	240,812	249,115	240,356	248,949	1,478,293
Total Outflow (m <sup>3</sup> )	2,945	2,660	2,945	2,850	2,945	2,850	252,918	252,033	243,662	252,060	243,206	251,894	1,512,968
Net Inflow (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclaim water pumping rate (m³/hr)	0	0	0	0	0	0	285	285	285	285	285	225	•
Freshwater pumping rate (m³/hr)	4	4	4	4	4	4	50	50	50	50	50	110	-
TSF Water Balance													
Slurry water (m³)	0	0	0	0	0	0	249,973	249,088	240,812	249,115	240,356	248,949	1,478,293
Tonnage destination (1=100% SC, 0=100% NC)	1.000	1.000	1.000	1.000	1.000	1.000	0.000	0.000	0.000	1.000	1.000	1.000	
NC Tailings water/ice entrampment (%)	90%	90%	90%	90%	60%	30%	30%	30%	30%	75%	80%	90%	
SC Tailings water/ice entrampment (%)	50%	50%	50%	50%	40%	30%	30%	30%	30%	40%	50%	50%	
Slurry water returned to the NC pond (m <sup>3</sup> )	0	0	0	0	0	0	174,981	174,361	168,568	0	0	0	517,911
Slurry water returned to the SC pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	149,469	120,178	124,475	394,122

1						Yea	r 2019						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	31	28	31	30	31	30	31	31	30	31	30	31	365
Goose Pit (ATP)													
Runoff (m³)	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
Transfer from South Cell (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumped from Third Portage Lake (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inflow (m³)	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
Pumped to Attenuation Pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Inflow (m³)	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
End-of-Month Volume (m³)	4,561,026	4,580,339	4,599,470	4,618,601	4,637,914	4,698,630	4,728,872	4,778,169	4,811,434	4,830,565	4,849,878	4,869,009	-
Portage Pit	1,000,000	1,000,000	1,000,	1,020,002	1,001,021	1,000,000	.,,	1,110,200	1,022,101	1,000,000	ησ πογεί σ	1,000,000	
Runoff (m <sup>3</sup> )	0	0	0	0	0	78,539	20,985	56,628	26,694	0	0	0	182,846
Transfer from South Cell (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Sewage water from Tear Drop Lake (m³)	0	0	0	0	23,085	0	0	0	11,590	0	0	0	34,675
Pumped from Third Portage Lake (m³)	0	0	0	0	0	1,130,000	1,130,000	1,130,000	1,130,000	0	0	0	4,520,000
East Dike Seepage (m <sup>3</sup> )	30,000	30,000	30,000	30,000	30,000	0	0	0	0	30,000	30,000	30,000	240,000
Total Inflow (m³)	30,000	30,000	30,000	30,000	53,085	1,208,539	1,150,985	1,186,628	1,168,284	30,000	30,000	30,000	4,977,521
Pumped to Attenuation Pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Net Inflow (m³)	30,000	30,000	30,000	30,000	53,085	1,208,539	1,150,985	1,186,628	1,168,284	30,000	30,000	30,000	4,977,521
End-of-Month Volume (m³)	221,074	251,074	281,074	311,074	364,159	1,572,698	2,723,683	3,910,311	5,078,595	5,108,595	5,138,595	5,168,595	-
Vault Attenuation Pond	222/07 1	251)071	201)071	511)071	50 1/155	1,572,050	2)723,003	0,510,511	3,070,033	5)100)555	5)150)555	5)100)555	
Runoff (m <sup>3</sup> )	0	0	0	0	0	118,708	6,053	60,667	30,672	0	0	0	216,100
Pumped From Vault Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumped From Phaser Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inflow (m³)	0	0	0	0	0	118,708	6,053	60,667	30,672	0	0	0	216,100
Decant - TSS to Wally Lake (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0												
-		0	0	0	0	0	0	0	0	0	0	0	0
WELLINOW (III )			0	0	-		0 6.053			-	0		-
Net Inflow (m³)  Fnd-of-Month Volume (m³)	0	0	0	0	0	118,708	6,053	60,667	30,672	0	0	0	0 216,100
End-of-Month Volume (m³)			-		-					-	-		216,100
End-of-Month Volume (m³) Vault Open Pit	0	0	0	0	0	118,708 809,880	6,053 815,933	60,667 876,600	30,672	0	0	0	216,100
End-of-Month Volume (m³) Vault Open Pit Runoff (m³)	0 691,172	0 691,172	0 691,172	0 691,172	0 691,172	118,708	6,053	60,667	30,672 907,272	907,272	0 907,272	0 907,272	216,100
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)	0 691,172 0	0 691,172 0	0 691,172 0	0 691,172 0	0 691,172 0	118,708 809,880 66,526	6,053 815,933 17,775	60,667 876,600 47,967	30,672 907,272 22,611	0 907,272 0	0 907,272 0	0 907,272 0	216,100 - 154,880
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)	0 691,172 0 0	0 691,172 0 0	0 691,172 0 0	0 691,172 0 0	0 691,172 0 0	118,708 809,880 66,526 603,783	6,053 815,933 17,775 1,006,306	60,667 876,600 47,967 1,360,338	30,672 907,272 22,611 1,212,177	0 907,272 0 0	0 907,272 0 0	0 907,272 0 0	216,100 - 154,880 4,182,604
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	0 691,172 0 0 0	0 691,172 0 0	0 691,172 0 0	0 691,172 0 0 0	0 691,172 0 0	118,708 809,880 66,526 603,783 670,309 0	6,053 815,933 17,775 1,006,306 1,024,081	60,667 876,600 47,967 1,360,338 1,408,305	30,672 907,272 22,611 1,212,177 1,234,788	0 907,272 0 0	0 907,272 0 0 0	0 907,272 0 0	216,100 - 154,880 4,182,604 4,337,484
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)	0 691,172 0 0 0	0 691,172 0 0 0	0 691,172 0 0 0	0 691,172 0 0 0	0 691,172 0 0 0	118,708 809,880 66,526 603,783 670,309 0	6,053 815,933 17,775 1,006,306 1,024,081 0	60,667 876,600 47,967 1,360,338 1,408,305 0	30,672 907,272 22,611 1,212,177 1,234,788 0	0 907,272 0 0 0	0 907,272 0 0	0 907,272 0 0 0	216,100 - 154,880 4,182,604 4,337,484 0
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	0 691,172 0 0 0 0 0	0 691,172 0 0 0 0 0	0 691,172 0 0 0 0	0 691,172 0 0 0 0 0	0 691,172 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 0 670,309	6,053 815,933 17,775 1,006,306 1,024,081 0 0 1,024,081	60,667 876,600 47,967 1,360,338 1,408,305 0 0 1,408,305	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788	0 907,272 0 0 0 0	0 907,272 0 0 0 0	0 907,272 0 0 0 0	216,100 - 154,880 4,182,604 4,337,484 0
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	0 691,172 0 0 0 0	0 691,172 0 0 0 0	0 691,172 0 0 0 0 0	0 691,172 0 0 0 0	0 691,172 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0	6,053 815,933 17,775 1,006,306 1,024,081 0	60,667 876,600 47,967 1,360,338 1,408,305 0	30,672 907,272 22,611 1,212,177 1,234,788 0	0 907,272 0 0 0 0	0 907,272 0 0 0 0	0 907,272 0 0 0 0	216,100 - 154,880 4,182,604 4,337,484 0
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 0 670,309	6,053 815,933 17,775 1,006,306 1,024,081 0 0 1,024,081 1,694,391	60,667 876,600 47,967 1,360,338 1,408,305 0 0 1,408,305 3,102,695	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788 4,337,484	0 907,272 0 0 0 0	0 907,272 0 0 0 0	0 907,272 0 0 0 0 0 0 0 4,337,484	216,100 - 154,880 4,182,604 4,337,484 0
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 670,309 670,309	6,053 815,933 17,775 1,006,306 1,024,081 0 0 1,024,081 1,694,391	60,667 876,600 47,967 1,360,338 1,408,305 0 0 1,408,305 3,102,695	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	216,100  - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 0 670,309	6,053 815,933 17,775 1,006,306 1,024,081 0 0 1,024,081 1,694,391	60,667 876,600 47,967 1,360,338 1,408,305 0 0 1,408,305 3,102,695	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	216,100 - 154,880 4,182,604 4,337,484 0 0 4,337,484
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 670,309 670,309 73,652 73,652 0	6,053 815,933 17,775 1,006,306 1,024,081 0 1,024,081 1,694,391 19,679 19,679 0	60,667 876,600 47,967 1,360,338 1,408,305 0 1,408,305 3,102,695 53,105 0	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788 4,337,484 25,033 25,033 0	0 907,272 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	216,100  154,880 4,182,604 4,337,484 0 0 4,337,484 171,470 171,470 0
End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	0 691,172 0 0 0 0 0 0 0	118,708 809,880 66,526 603,783 670,309 0 670,309 670,309 73,652	6,053 815,933 17,775 1,006,306 1,024,081 0 1,024,081 1,694,391 19,679	60,667 876,600 47,967 1,360,338 1,408,305 0 1,408,305 3,102,695 53,105 53,105	30,672 907,272 22,611 1,212,177 1,234,788 0 0 1,234,788 4,337,484 25,033 25,033	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	0 907,272 0 0 0 0 0 0 0 4,337,484	216,100  - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470



Whale Tail Pit

						Yea	r 2020						ANNUAL TOTAL
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
No. of days Tailings (tonnes):	<b>31</b> 279,766	<b>29</b> 261,717	<b>31</b> 279,766	<b>30</b> 270,742	<b>31</b> 279,766	<b>30</b> 270,742	<b>31</b> 276,726	<b>31</b> 276,726	<b>30</b> 267,799	<b>31</b> 276,726	<b>30</b> 267,799	<b>31</b> 276,726	366 3,285,000
Cummulative Tailings (tonnes):	29,796,798	30,058,515	30,338,282	30,609,024	30,888,790	31,159,532	31,436,257	31,712,983	31,980,782	32,257,507	32,525,306	32,802,032	-
Cummulative Tailings (m3) - North Cell	14,775,136	14,775,136	14,775,136	14,775,136	14,775,136	14,948,688	15,126,076	15,303,465	15,475,130	15,475,130	15,475,130	15,475,130	-
Cummulative Tailings (m3) - South Cell	10,412,331	10,626,853	10,856,170	11,037,876	11,225,638	11,225,638	11,225,638	11,225,638	11,225,638	11,436,879	11,641,306	11,852,547	-
North Cell (TSF)	158,440	158,440	158,440	158,440	158,440	158,440	129,641	107,048	83,834	54,827	44,827	44,827	
Starting Pond Volume (m³)  Water from tailings slurry (m³)	0	0	0	0	0	168,776	174,981	174,361	168,568	0	0	0	686,686
Runoff (m <sup>3</sup> )	0	0	0	0	0	76,665	7,700	42,862	21,238	-13	0	0	148,451
Total Inflow (m³)	0	0	0	0	0	245,440	182,681	217,223	189,806	-13	0	0	835,137
Transfer to South Cell (m <sup>3</sup> )	0	0	0	0	0	274,240	205,275	240,437	218,813	9,987	0	0	948,751
Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	274,240	205,275	240,437	218,813	9,987	0	0	948,751
Net Inflow (m³)	0	0	0	0	0	-28,799	-22,594	-23,214	-29,007	-10,000	0	0	-113,614
End-of-Month Volume (m³)	158,440	158,440	158,440	158,440	158,440	129,641	107,048	83,834	54,827	44,827	44,827	44,827	-
South Cell (TSF)	_	_		_	_	_	-	-	_	_	-		
Pumped From Portage Pit (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m³)	0	0	0	0	0	40,982 274,240	-10,260 205,275	8,951 240,437	5,933 218,813	-22 9,987	0	0	45,584 948,751
Transfer from North Cell (m³)	124,559	117,242	124,643	120,690	149,638	0	0	0	0	149,469	120,178	124,475	1,030,894
Water from tailings slurry (m³)  Total Inflow (m³)	124,559	117,242	124,643	120,690	149,638	315,221	195,015	249,387	224,746	159,434	120,178	124,475	2,025,228
Reclaim water to the mill (m <sup>3</sup> )	167,481	156,675	167,481	162,078	212,121	205,278	212,121	212,121	205,278	100,521	97,278	100,521	1,998,953
Transfer to Portage Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m <sup>3</sup> )	167,481	156,675	167,481	162,078	212,121	205,278	212,121	212,121	205,278	100,521	97,278	100,521	1,998,953
Net Inflow (m <sup>3</sup> )	-42,922	-39,433	-42,838	-41,389	-62,482	109,943	-17,106	37,266	19,468	58,913	22,900	23,954	26,275
End-of-Month Volume (m³)	921,060	881,627	838,789	797,401	734,918	844,861	827,756	865,022	884,490	943,403	966,303	990,257	-
Mill/Camp													
Ore water (m <sup>3</sup> )	2,742	4,004	2,910	2,951	3,021	2,680	3,597	2,712	2,383	2,740	1,928	2,574	34,242
Reclaim water (m³)	167,481	156,675	167,481	162,078	212,121	205,278	212,121	212,121	205,278	100,521	97,278	100,521	1,998,953
Freshwater from Third Portage Lake (m³)	81,840	76,560 237,240	81,840 252,230	79,200	37,200 252,342	36,000	37,200 252,918	37,200 252,033	36,000	148,800 252,060	144,000 243,206	148,800 251,894	944,640
Total Inflow (m³)  Freshwater for camp purposes (m³)	252,062 2,945	237,240	252,230	244,229 2,850	252,342	243,958 2,850	252,918	252,033 2,945	243,662 2,850	252,060 2,945	2,850	251,894 2,945	2,977,835 34,770
Freshwater for camp purposes (m³)  Slurry water (m³)	2,945	2,755	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	2,943,065
Total Outflow (m³)	252,062	237,240	252,230	244,229	252,342	243,958	252,918	252,033	243,662	252,060	243,206	251,894	2,977,835
Net Inflow (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclaim water pumping rate (m³/hr)	225	225	225	225	285	285	285	285	285	135	135	135	-
Freshwater pumping rate (m³/hr)	110	110	110	110	50	50	50	50	50	200	200	200	-
TSF Water Balance													
Slurry water (m <sup>3</sup> )	249,117	234,485	249,285	241,379	249,397	241,108	249,973	249,088	240,812	249,115	240,356	248,949	2,943,065
Tonnage destination (1=100% SC, 0=100% NC)  NC Tailings water/ice entrampment (%)	1.000 90%	1.000 90%	1.000 90%	1.000 90%	1.000	0.000	0.000	0.000	0.000 30%	1.000 75%	1.000 80%	1.000 90%	
SC Tailings water/ice entrampment (%)	50%	50%	50%	50%	40%	30%	30%	30%	30%	40%	50%	50%	
Slurry water returned to the NC pond (m³)	0	0	0	0	0	168,776	174,981	174,361	168,568	0	0	0	686,686
Slurry water returned to the SC pond (m <sup>3</sup> )													
Siturry water returned to the SC polid (III )	124,559	117,242	124,643	120,690	149,638	0	0	0	0	149,469	120,178	124,475	1,030,894
Signify water returned to the SC polid (III )	124,559	117,242	124,643	120,690	149,638		-	0	0	149,469	120,178	124,475	1,030,894
Granty water returned to the SC point (if)		·		·		Yea	2020				·		1,030,894  ANNUAL TOTAL
No. of days	Jan 31	117,242 Feb	124,643 Mar 31	120,690 Apr 30	149,638 May 31		-	0 Aug 31	0 Sep 30	149,469 Oct 31	120,178 Nov 30	124,4/5  Dec 31	
, , , ,	Jan	Feb	Mar	Apr	May	Yea Jun	r 2020 Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	Jan 31 19,131	Feb 28	Mar 31 19,131	Apr 30	May 31 19,313	Year Jun 30 60,716	Jul 31 30,242	Aug 31 49,297	Sep 30 33,265	Oct 31 19,131	Nov 30	Dec 31 19,131	ANNUAL TOTAL 365 327,114
No. of days Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³)	Jan 31 19,131 0	Feb 28 19,313 0	Mar 31 19,131	Apr 30 19,131	May 31 19,313	Year Jun 30 60,716	30,242 0	Aug 31 49,297	Sep 30 33,265	Oct 31 19,131 0	Nov 30 19,313	Dec 31 19,131	ANNUAL TOTAL 365 327,114 0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)	Jan 31 19,131 0	Feb 28 19,313 0 0	Mar 31 19,131 0	Apr 30 19,131 0 0	May 31 19,313 0	Year Jun 30 60,716 0	30,242 0	Aug 31 49,297 0	Sep 30 33,265 0	Oct 31 19,131 0 0	Nov 30 19,313 0	Dec 31 19,131 0 0	365 327,114 0 0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)	Jan 31 19,131 0 0 0 19,131	Feb 28 19,313 0 0 19,313	Mar 31 19,131 0 0 19,131	Apr 30 19,131 0 0 19,131	May 31 19,313 0 0 19,313	Year Jun 30 60,716 0 0 60,716	30,242 0 0 30,242	Aug 31 49,297 0 0 49,297	33,265 0 0 33,265	Oct 31 19,131 0 0 19,131	Nov 30 19,313 0 0 19,313	Dec 31 19,131 0 0 19,131	365 327,114 0 0 327,114
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)	Jan 31 19,131 0 0 19,131 0	Feb 28 19,313 0 0 19,313 0	Mar 31 19,131 0 0 19,131 0	Apr 30 19,131 0 0 19,131 0	May 31 19,313 0 0 19,313 0	Yea Jun 30 60,716 0 0 60,716 0	30,242 0 0 30,242 0	Aug 31 49,297 0 0 49,297 0	Sep 30 33,265 0 0 33,265 0	Oct 31 19,131 0 0 19,131 0	Nov 30 19,313 0 0 19,313 0	Dec 31 19,131 0 0 19,131 0	365 327,114 0 0 327,114 0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)	Jan 31 19,131 0 0 19,131 0 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 0 0 19,313 0 0 0 0	Mar 31 19,131 0 0 19,131 0	Apr 30 19,131 0 0 19,131 0	May 31 19,313 0 0 19,313 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0	30,242 0 0 30,242 0 0	Aug 31 49,297 0 0 49,297 0	Sep 30 33,265 0 0 33,265 0	Oct 31 19,131 0 0 19,131 0	Nov 30 19,313 0 0 19,313 0	Dec 31 19,131 0 0 19,131 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 19,313	Mar 31 19,131 0 0 19,131 0 0	Apr 30 19,131 0 0 19,131 0 0	May 31 19,313 0 0 19,313 0 0 19,313 0 0 19,313	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 30,242 0 0 30,242	Aug 31 49,297 0 0 49,297 0 0 49,297	Sep 30 33,265 0 0 33,265 0 0 33,265	Oct 31 19,131 0 0 19,131 0 0	Nov 30 19,313 0 0 19,313 0 0 19,313	Dec 31 19,131 0 0 19,131 0 0 19,131	365 327,114 0 0 327,114 0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)	Jan 31 19,131 0 0 19,131 0 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 0 0 19,313 0 0 0 0	Mar 31 19,131 0 0 19,131 0	Apr 30 19,131 0 0 19,131 0	May 31 19,313 0 0 19,313 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0	30,242 0 0 30,242 0 0	Aug 31 49,297 0 0 49,297 0	Sep 30 33,265 0 0 33,265 0	Oct 31 19,131 0 0 19,131 0	Nov 30 19,313 0 0 19,313 0	Dec 31 19,131 0 0 19,131 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	Jan 31 19,131 0 0 19,131 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 19,313	Mar 31 19,131 0 0 19,131 0 0	Apr 30 19,131 0 0 19,131 0 0	May 31 19,313 0 0 19,313 0 0 19,313 0 0 19,313	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 30,242 0 0 30,242	Aug 31 49,297 0 0 49,297 0 0 49,297	Sep 30 33,265 0 0 33,265 0 0 33,265	Oct 31 19,131 0 0 19,131 0 0	Nov 30 19,313 0 0 19,313 0 0 19,313	Dec 31 19,131 0 0 19,131 0 0 19,131	365  327,114  0  0  327,114  0  0  327,114  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140	Feb 28 19,313 0 0 19,313 0 0 19,313 4,907,453	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 5,025,744	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548	Oct 31 19,131 0 0 19,131 0 0 19,131 5,157,679	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992	Dec 31 19,131 0 0 19,131 0 0 19,131 5,196,123	ANNUAL TOTAL  365  327,114  0  0  327,114  0  327,114  -
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 5,025,744 78,539 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590	Oct 31 19,131 0 0 19,131 0 0 19,131 5,157,679	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992	Dec 31  19,131 0 0 19,131 0 19,131 0 0 19,131 5,196,123	ANNUAL TOTAL  365  327,114  0  0  327,114  0  3327,114   182,846  0  34,675
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 0 0 0	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028 0 0 23,085	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 5,025,744  78,539 0 1,130,000	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000	Oct 31 19,131 0 0 19,131 0 0 19,131 5,157,679	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992	Dec 31  19,131 0 0 19,131 0 19,131 0 0 19,131 5,196,123	ANNUAL TOTAL  365  327,114  0  0  327,114  0  3327,114   182,846  0  34,675  4,520,000
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 0 19,131 4,888,140 0 0 0 0 0 0 0 30,000	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 0 30,000	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028 0 0 23,085 0 30,000	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 5,025,744 78,539 0 1,130,000 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0	Oct 31 19,131 0 0 19,131 0 0 19,131 5,157,679 0 0 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0	Dec 31 19,131 0 0 19,131 0 0 19,131 5,196,123 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  3327,114   182,846  0  34,675  4,520,000  240,000
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 0 19,131 4,888,140 0 0 0 0 0 0 30,000 30,000	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 0 0 30,000 30,000	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 30,000	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 30,000	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028 0 0 23,085 0 30,000 53,085	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284	Oct 31 19,131 0 0 19,131 0 0 19,131 5,157,679 0 0 0 0 30,000	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000	Dec 31 19,131 0 0 19,131 0 0 19,131 5,196,123 0 0 0 0 30,000	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114   182,846  0  34,675  4,520,000  240,000  4,977,521
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Total Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 0 19,131 4,888,140 0 0 0 0 0 0 0 0 30,000 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 30,000 30,000 0	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 30,000 0	May 31 19,313 0 0 19,313 0 0 19,313 4,965,028 0 0 23,085 0 30,000 53,085 0	Yea  Jun  30  60,716  0  0  60,716  0  0  60,716  5,025,744  78,539  0  1,130,000  0  1,208,539  0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 30,000 0	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114   182,846  0  34,675  4,520,000  240,000  4,977,521  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 0 19,131 4,888,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 30,000 0 0 0 0 0	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0	Yea  Jun  30  60,716  0  0  60,716  0  0  60,716  5,025,744  78,539  0  1,130,000  0  1,208,539  0  0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 30,000 0	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114   182,846  0  34,675  4,520,000  240,000  4,977,521  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 0 30,000	Feb 28 19,313 0 0 19,313 0 0 19,313 0 0 0 19,313 4,907,453 0 0 0 0 0 30,000 30,000 0	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 0 30,000 0 30,000	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085	Yea  Jun  30  60,716  0  0  60,716  0  0  60,716  0  60,716  5,025,744  78,539  0  1,130,000  0  1,208,539  0  1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 30,000	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 30,000	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0 30,000 0 30,000	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 0 19,131 4,888,140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28 19,313 0 0 19,313 0 0 19,313 4,907,453 0 0 0 30,000 0 0 30,000 0 0 30,000	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0	Yea  Jun  30  60,716  0  0 60,716  0  60,716  0  60,716  5,025,744  78,539  0  1,130,000  0  1,208,539  0  0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 30,000 0	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Ret Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 0 30,000	Feb 28 19,313 0 0 19,313 0 0 19,313 4,907,453 0 0 0 30,000 0 0 30,000 0 0 30,000	Mar 31 19,131 0 0 19,131 0 0 19,131 4,926,584 0 0 0 0 30,000 0 30,000 0 30,000	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085	Year Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 6,550,218	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 30,000	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 30,000	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0 30,000 0 30,000	ANNUAL TOTAL  365  327,114  0  0  327,114  0  337,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Vault Attenuation Pond	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 5,228,595	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 5,258,595	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000 5,288,595	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 0 1,208,539 0 1,208,539 6,550,218	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 30,000 10,116,115	Dec 31  19,131 0 0 19,131 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  3327,114  0  3327,114   182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521   367,144  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Pumped Tom Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped Tom Hould (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 30,000 30,000 0 30,000 5,198,595	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 5,228,595	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 5,258,595	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 30,000 0 30,000 0 30,000 5,288,595	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 6,550,218 183,978 0 0	2020 Jul 31 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 30,000 10,116,115	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  3327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Vault Attenuation Pond  Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 30,000 30,000 0 30,000 5,198,595	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 5,228,595	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 30,000 30,000 0 30,000 0 5,258,595	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000 5,288,595 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 52,710	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 30,000 10,116,115	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Attenuation Pond (m³)  Vault Attenuation Pond  Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 5,228,595	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 5,258,595	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 30,000 30,000 0 30,000 5,288,595 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 1,208,539	2020  Jul 31  30,242  0  0 30,242  0  0 30,242  5,055,986  20,985  0 1,130,000  0 1,150,985  0 0 1,150,985  7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 52,710 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 30,000 10,116,115	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Attenuation Pond (m³)  Vault Attenuation Pond  Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 5,288,595 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539	2020  Jul 31  30,242  0  0 30,242  0  0 30,242  5,055,986  20,985  0 1,130,000  0 1,150,985  0 0 1,150,985  7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 0 52,710 0 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 10,116,115 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 0 30,000 0 0 30,000 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 6,550,218 183,978 0 0 183,978 0 0 183,978	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 0 52,710 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115  0 0 0 0 0 0 0 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Net Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 5,288,595 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539	2020  Jul 31  30,242  0  0 30,242  0  0 30,242  5,055,986  20,985  0 1,130,000  0 1,150,985  0 0 1,150,985  7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831	Sep 30 33,265 0 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 0 52,710 0 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 10,116,115 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)	Jan 31 19,131 0 0 19,131 0 0 19,131 4,888,140 0 0 0 30,000 30,000 0 30,000 5,198,595 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 0 30,000 0 0 30,000 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 6,550,218 183,978 0 0 183,978 0 0 183,978	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352	Sep 30 33,265 0 0 33,265 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115 52,710 0 0 52,710 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115  0 0 0 0 0 0 0 0	Nov 30 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Find-of-Month Volume (m³)  Vault Attenuation Pond  Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Net Inflow (m³)  Fotal Outflow (m³)  Net Inflow (m³)  Fotal Outflow (m³)  Find-of-Month Volume (m³)  Vault Open Pit	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 5,198,595  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 0 0 23,085 0 30,000 53,085 0 0 53,085 5,341,680 0 0 0 0 0 0 0 0 0 0 0 907,272	Yea Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744 78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 1,208,539 1,208,539 1,208,539 1,208,539 1,208,539 1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352 0	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 10,086,115  0 0 0 0 1,274,416	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 10,116,115 0 0 0 0 0 1,274,416	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 0 1,274,416	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114   182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521   367,144  0  0  367,144  0  0  367,144
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pecant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pecant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 5,198,595  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 0 0 23,085 0 30,000 53,085 0 0 53,085 5,341,680 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 1,208,530 1,208,539 1,	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 8,887,831 107,352 0 0 107,352 0 107,352	Sep 30 33,265 0 0 0 33,265 0 0 0 33,265 5,138,548 26,694 0 11,590 1,130,000 0 1,168,284 0 0 0 1,168,284 10,056,115 52,710 0 0 52,710 0 0 52,710 1,274,416 22,611	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 0 10,086,115  0 0 0 0 1,274,416	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 0 1,274,416	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  -  154,880
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 0 30,000 5,198,595  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 0 30,000 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 0 0 23,085 0 30,000 53,085 0 0 53,085 5,341,680 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 1,208,539 0 0 1,208,539 1,208,	2020  Jul 31  30,242 0 0 30,242 0 0 30,242 5,055,986  20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203  23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 1,186,528 0 0 0 1,186,528 0 0 0 1,186,528 0 0 0 1,186,528 0 0 0 1,186,528 0 0 0 0 1,186,528 0 0 0 0 1,186,528 0 0 0 0 1,186,528 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 0 30,000 10,086,115  0 0 0 1,274,416	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 1,274,416	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 1,274,416	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Vally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 0 30,000 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 0 0 23,085 0 30,000 53,085 0 0 53,085 5,341,680 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 1,208,539 0 1,208,530 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,530 0 1,208,539 0 1,208,53	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,17,352 0 0 1,17,352 0 0 1,21,706 47,967 1,360,338 1,408,305	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 0 10,086,115  0 0 0 1,274,416 0 0 0	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 1,274,416 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 0 30,000 0 0 10,146,115  0 0 0 1,274,416	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped Tom Third Portage Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Valle Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 0 30,000 0 0 0 0	Apr 30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 4,945,715  0 0 0 30,000 30,000 0 0 30,000 5,288,595  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 0 1,208,539 0 0 0 0 0 670,309	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0 1,024,081	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352 0 107,352	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0 1,234,788	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 0 30,000 10,086,115  0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992  0 0 0 0 30,000 0 30,000 0 0 10,116,115  0 0 0 0 1,274,416  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 1,274,416  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  0  367,144  0  0  0  367,144  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Total Inflow (m³)  Pumped From Wallt Pit (m³)  Total Outflow (m³)  Total Inflow (m³)  Total Outflow (m³)  Total Outflow (m³)  Total Outflow (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 1,091,249 66,526 603,783 670,309 0 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352 0 107,352 107,35	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 0 10,086,115  0 0 0 1,274,416 0 0 0 0 0	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 1,274,416 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 0 30,000 0 0 10,146,115  0 0 0 1,274,416  0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Wallt Pit (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Total Inflow (m³)  Pumped From Wallt Pit (m³)  Total Inflow (m³)  Total Inflow (m³)  Total Outflow (m³)  Total Inflow (m³)  Pumped From Wallty Lake (m³)  Total Inflow (m³)  Pumped from Wallty Lake (m³)  Total Outflow (m³)  Pumped from Wallty Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Phaser Open Pit (including Phaser Lake)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 0 0 4,337,484	Yea Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 0 1,208,539 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0 1,024,081 6,031,874	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 8,887,831 107,352 0 0 107,352 0 107,352 0 107,352 1,221,706 47,967 1,360,338 1,408,305 0 1,408,305 7,440,179	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0 1,234,788 0 0 1,234,788 8,674,967	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 0 30,000 0 0 1,086,115  0 0 0 1,274,416 0 0 0 0 0 8,674,967	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992  0 0 0 0 30,000 0 30,000 0 0 10,116,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0 10,146,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Pit (including Phaser Lake)  Runoff (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 0 30,000 30,000 0 0 30,000 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 4,337,484	Year Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 0 1,208,539 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0 1,024,081 6,031,874	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 1,221,706 1,360,338 1,408,305 0 1,408,305 1,408	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0 1,234,788 0 0 1,234,788 8,674,967	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 0 30,000 10,086,115  0 0 0 0 1,274,416 0 0 0 0 0 0 8,674,967	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992  0 0 0 0 30,000 0 30,000 0 0 10,116,115  0 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0 0 30,000 10,146,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484  -  171,470
No. of days Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m²) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Portage Pit Runoff (m³) Transfer from South Cell (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pumped Tomped Pit (including Phaser Lake) Runoff (m³) Total Inflow (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 0 30,000 5,198,595  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 30,000 30,000 0 30,000 0 0 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 0 30,000 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 4,337,484	Yea  Jun  30  60,716  0  0  60,716  0  0  60,716  0  0  60,716  5,025,744  78,539  0  1,130,000  0  1,208,539  1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0 1,024,081 6,031,874	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 1,221,706 1,360,338 1,408,305 0 0 1,408,305 7,440,179 53,105 53,105 53,105 53,105	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0 1,234,788 8,674,967	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 0 30,000 0 0 10,086,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992 0 0 0 0 0 30,000 0 30,000 0 0 10,116,115 0 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 0 30,000 0 10,146,115  0 0 0 0 1,274,416  0 0 0 0 0 8,674,967	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484  -  171,470
No. of days  Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from South Cell (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Pit (including Phaser Lake)  Runoff (m³)	Jan 31  19,131 0 0 19,131 0 0 19,131 4,888,140  0 0 0 30,000 30,000 0 30,000 0 0 0 0	Feb 28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 4,907,453  0 0 0 30,000 30,000 0 0 30,000 0 0 0	Mar 31  19,131 0 0 19,131 0 0 19,131 4,926,584  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	Apr 30 19,131 0 0 19,131 0 0 19,131 4,945,715 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	May 31  19,313 0 0 19,313 0 0 19,313 4,965,028  0 23,085 0 30,000 53,085 0 0 53,085 5,341,680  0 0 0 0 0 0 0 0 0 4,337,484	Year Jun 30  60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,025,744  78,539 0 1,130,000 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 1,208,539 0 0 0 0 1,208,539 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,055,986 20,985 0 0 1,130,000 0 1,150,985 7,701,203 23,105 0 0 23,105 0 0 23,105 1,114,354 17,775 1,006,306 1,024,081 0 0 1,024,081 6,031,874	Aug 31 49,297 0 0 49,297 0 0 49,297 5,105,283 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,628 0 0 1,186,628 1,221,706 1,360,338 1,408,305 0 1,408,305 1,408	Sep 30  33,265 0 0 33,265 0 0 33,265 0 0 33,265 5,138,548  26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 10,056,115  52,710 0 0 52,710 0 0 52,710 1,274,416 22,611 1,212,177 1,234,788 0 0 1,234,788 0 0 1,234,788 8,674,967	Oct 31  19,131 0 0 19,131 0 0 19,131 5,157,679  0 0 0 30,000 30,000 0 0 30,000 10,086,115  0 0 0 0 1,274,416 0 0 0 0 0 0 8,674,967	Nov 30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,176,992  0 0 0 0 30,000 0 30,000 0 0 10,116,115  0 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Dec 31  19,131 0 0 19,131 0 0 19,131 5,196,123  0 0 0 30,000 30,000 0 0 30,000 10,146,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ANNUAL TOTAL  365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484  -  171,470

171,469

171,469

Net Inflow (m<sup>3</sup>)

End-of-Month Volume (m³)

171,469

171,469

171,469

264,801

245,122

317,906

342,939

342,939

342,939

342,939



			I	·			r 2021					I _	ANNUAL TOTAL
No. of days	Jan 31	Feb 28	Mar 31	Apr 30	May 31	Jun 30	Jul 31	Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	365
Tailings (tonnes):	279,000	252,000	279,000	270,000	279,000	270,000	279,000	279,000	270,000	279,000	270,000	279,000	3,285,000
Cummulative Tailings (tonnes): Cummulative Tailings (m3) - North Cell	33,081,032 15,475,130	33,333,032 15,475,130	33,612,032 15,475,130	33,882,032 15,475,130	34,161,032 15,475,130	34,431,032 15,648,207	34,710,032 15,827,054	34,989,032 16,005,900	35,259,032 16,178,977	35,538,032 16,178,977	35,808,032 16,178,977	36,087,032 16,178,977	-
Cumulative Tailings (m3) - North Cell	12,110,880	12,344,213	12,602,547	12,852,547	13,063,910	13,063,910	13,063,910	13,063,910	13,063,910	13,275,274	13,525,274	13,783,607	-
North Cell (TSF)			I									I	ì
Starting Pond Volume (m³)	44,827 0	44,827 0	44,827	44,827 0	44,827 0	44,827 168,771	33,892	29,188	23,859 168,582	12,734	0	0	
Water from tailings slurry (m³) Runoff (m³)	0	0	0	0	0	76,665	175,002 7,700	174,377 42,862	21,238	-13	0	0	686,731 148,451
Total Inflow (m³)	0	0	0	0	0	245,435	182,702	217,238	189,819	-13	0	0	835,182
Transfer to South Cell (m³)	0	0	0	0	0	256,371	187,406	222,568	200,944	12,721	0	0	880,009
Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	256,371	187,406	222,568	200,944	12,721	0	0	880,009
Net Inflow (m <sup>3</sup> )	0 44,827	0 44,827	0 44,827	0 44,827	0 44,827	-10,935 33,892	-4,704 29,188	-5,329 23,859	-11,124 12,734	-12,734 0	0	0	-44,827
End-of-Month Volume (m³) South Cell (TSF)	44,027	44,027	44,027	44,027	44,027	33,032	29,100	23,639	12,734	U	U	U	-
Pumped From Portage Pit (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m³)	0	0	0	0	0	40,982	-10,260	8,951	5,933	-22	0	0	45,584
Transfer from North Cell (m³)	0	0	0	0	0	256,371	187,406	222,568	200,944	12,721	0	0	880,009
Water from tailings slurry (m³)	24,911 24,911	22,639 22,639	24,928 24,928	24,137 24,137	99,756 99,756	0 297,352	0 177,146	0 231,518	0 206,877	62,284 74,983	48,074 48,074	24,897 24,897	331,626 1,257,218
Total Inflow (m³)  Reclaim water to the mill (m³)	119,121	107,593	119,121	115,278	212,121	205,278	212,121	231,318	205,278	212,121	79,278	63,321	1,862,750
Transfer to Portage Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	119,121	107,593	119,121	115,278	212,121	205,278	212,121	212,121	205,278	212,121	79,278	63,321	1,862,750
Net Inflow (m³)	-94,210	-84,954	-94,193	-91,141	-112,365	92,074	-34,975	19,397	1,599	-137,137	-31,204	-38,424	-605,532
End-of-Month Volume (m³)	896,047	811,093	716,900	625,759	513,394	605,468	570,494	589,891	591,490	454,352	423,149	384,725	-
Mill/Camp  Ore water (m³)	2,734	3,856	2,902	2,943	3,013	2,673	3,627	2,734	2,403	2,762	1,944	2,595	34,186
Ore water (m <sup>3</sup> )  Reclaim water (m <sup>3</sup> )	119,121	107,593	119,121	2,943 115,278	212,121	2,673	212,121	2,734	2,403	212,121	79,278	63,321	1,862,750
Freshwater from Third Portage Lake (m <sup>3</sup> )	130,200	117,600	130,200	126,000	37,200	36,000	37,200	37,200	36,000	37,200	162,000	186,000	1,072,800
Total Inflow (m³)	252,055	229,048	252,222	244,221	252,334	243,951	252,948	252,055	243,681	252,083	243,222	251,915	2,969,736
Freshwater for camp purposes (m <sup>3</sup> )	2,945	2,660	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	34,675
Slurry water (m³)	249,110	226,388	249,277	241,371	249,389	241,101	250,003	249,110	240,831	249,138	240,372	248,970	2,935,061
Total Outflow (m³)	252,055 0	229,048 0	252,222 0	244,221 0	252,334 0	243,951 0	252,948 0	252,055 0	243,681 0	252,083 0	243,222 0	251,915 0	2,969,736
Net Inflow (m³)  Reclaim water pumping rate (m³/hr)	160	160	160	160	285	285	285	285	285	285	110	85	-
Freshwater pumping rate (m <sup>-</sup> /hr) Freshwater pumping rate (m <sup>3</sup> /hr)	175	175	175	175	50	50	50	50	50	50	225	250	
TSF Water Balance	_,,	_,,											
Slurry water (m³)	249,110	226,388	249,277	241,371	249,389	241,101	250,003	249,110	240,831	249,138	240,372	248,970	2,935,061
Tonnage destination (1=100% SC, 0=100% NC)  NC Tailings water/ice entrampment (%)	1.000 90%	1.000 90%	1.000 90%	1.000 90%	1.000	0.000	0.000	0.000	0.000	1.000 75%	1.000 80%	1.000 90%	
SC Tailings water/ice entrampment (%)	90%	90%	90%	90%	60%	30%	30%	30%	30%	75%	80%	90%	
Slurry water returned to the NC pond (m³)	0	0	0	0	0	168,771	175,002	174,377	168,582	0	0	0	686,731
Slurry water returned to the SC pond (m <sup>3</sup> )	24,911	22,639	24,928	24,137	99,756	0	0	0	0	62,284	48,074	24,897	331,626
						V	r 2021						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	Jan 31	Feb 28	Mar 31	Apr 30	May 31			Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	ANNUAL TOTAL 365
Goose Pit (ATP)	31	28	31	30	31	Jun 30	Jul 31	31	30	31	30	31	365
Goose Pit (ATP)  Runoff (m³)	<b>31</b> 19,131	<b>28</b> 19,313	<b>31</b> 19,131	<b>30</b> 19,131	<b>31</b> 19,313	Jun 30 60,716	Jul 31 30,242	<b>31</b> 49,297	<b>30</b> 33,265	<b>31</b> 19,131	<b>30</b> 19,313	<b>31</b> 19,131	365 327,114
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³)	31	28	31	30	31	Jun 30	Jul 31	31	30	31	30	31	365
Goose Pit (ATP)  Runoff (m³)	19,131 0	19,313 0	19,131 0	30 19,131 0	<b>31</b> 19,313 0	Jun 30 60,716	Jul 31 30,242 0	<b>31</b> 49,297 0	33,265 0	<b>31</b> 19,131 0	19,313 0	31 19,131 0	365 327,114 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)	19,131 0 0 19,131 0	19,313 0 0 19,313 0	31 19,131 0 0 19,131 0	30 19,131 0 0 19,131 0	31 19,313 0 0 19,313	Jun 30 60,716 0 0 60,716	Jul 31 30,242 0	49,297 0 0	33,265 0 0 33,265 0	19,131 0 0 19,131 0	19,313 0 0 19,313 0	31 19,131 0 0 19,131 0	365 327,114 0 0 327,114 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³)	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	30 60,716 0 0 60,716 0 0	30,242 0 0 30,242 0 0	31 49,297 0 0 49,297 0 0	33,265 0 0 33,265 0 0	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	365  327,114  0  0  327,114  0  0  0  0  0  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)	19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 0 19,313	31 19,131 0 0 19,131 0 0 19,131	19,131 0 0 19,131 0 0 19,131	31 19,313 0 0 19,313 0 0 19,313	30 60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 0 30,242 0 0	31 49,297 0 0 49,297 0 0 49,297	33,265 0 0 33,265 0 0 33,265	31 19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 0 19,313	31 19,131 0 0 19,131 0 0 19,131	365 327,114 0 0 327,114
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	30 60,716 0 0 60,716 0 0	30,242 0 0 30,242 0 0	31 49,297 0 0 49,297 0 0	33,265 0 0 33,265 0 0	19,131 0 0 19,131 0 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	365 327,114 0 0 327,114 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)	19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 0 19,313	31 19,131 0 0 19,131 0 0 19,131	19,131 0 0 19,131 0 0 19,131	31 19,313 0 0 19,313 0 0 19,313	30 60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 0 30,242 0 0	31 49,297 0 0 49,297 0 0 49,297	33,265 0 0 33,265 0 0 33,265	31 19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 0 19,313	31 19,131 0 0 19,131 0 0 19,131	365  327,114  0  0  327,114  0  0  0  0  0  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit	31 19,131 0 0 19,131 0 0 19,131 5,215,254	28 19,313 0 0 19,313 0 0 19,313 5,234,567	31 19,131 0 0 19,131 0 0 19,131 5,253,698	30 19,131 0 0 19,131 0 0 19,131 5,272,829	31 19,313 0 0 19,313 0 0 19,313 5,292,142	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0	30,242 0 0 30,242 0 0 30,242 5,383,100 20,985	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793	30 19,313 0 0 19,313 0 0 19,313 5,504,106	31 19,131 0 0 19,131 0 0 19,131 5,523,237	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254	28 19,313 0 0 19,313 0 0 19,313 5,234,567	31 19,131 0 0 19,131 0 0 19,131 5,253,698	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0	30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0	33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590	31 19,131 0 0 19,131 0 0 19,131 5,484,793	19,313 0 0 19,313 0 0 19,313 5,504,106	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0	28 19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 0 1,130,000	30,242 0 0 30,242 0 0 30,242 0 30,242 5,383,100 20,985 0 0 1,130,000	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000	33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000	31 19,131 0 0 19,131 0 0 19,131 5,484,793	19,313 0 0 19,313 0 0 19,313 5,504,106	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254	28 19,313 0 0 19,313 0 0 19,313 5,234,567	31 19,131 0 0 19,131 0 0 19,131 5,253,698	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0	30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0	33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590	31 19,131 0 0 19,131 0 0 19,131 5,484,793	19,313 0 0 19,313 0 0 19,313 5,504,106	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 0 30,000	28 19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 0 1,130,000 0	30,242 0 0 30,242 0 0 30,242 0 30,242 5,383,100 20,985 0 0 1,130,000 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 0 30,000	19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 0 30,000 0 0	28 19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 0 0 30,000 30,000	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 30,000	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 0 1,130,000 0 1,208,539 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 0 30,000 30,000	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 0 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 30,000	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 30,000 30,000 0 30,000 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 30,000 0 30,000 0 30,000	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 0 30,000 0 30,000	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 53,085	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 1,150,985	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 1,130,000 0 1,186,628 0 1,186,628	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 30,000	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 0 30,000 0 30,000	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 0 30,000 0 0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 30,000 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 0	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 0 1,130,000 0 1,208,539 0	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 0 0 30,000 0 0	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 0 0 30,000 0 0	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Pransfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Outflow (m³) Pumped to Attenuation Pond (m³)  Pumped Total Outflow (m³) Net Inflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Vault Attenuation Pond	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 30,000 30,000 0 30,000 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 30,000 0 30,000 0 30,000	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 0 30,000 0 30,000	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 53,085	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739	30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 1,150,985 12,678,724	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 1,186,628 13,865,352	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 30,000	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 0 30,000 0 30,000	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000 10,176,115	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 30,000 30,000 0 30,000 10,206,115	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 30,000 0 30,000 0 30,000 10,236,115	30 19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 0 30,000 0 30,000 10,266,115	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 53,085 10,319,200	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 1,150,985	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 1,130,000 0 1,186,628 0 1,186,628	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 30,000 15,063,636	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 30,000 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 0 30,000 0 30,000 15,123,636	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³) Net Inflow (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Runoff (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 10,176,115	28  19,313 0 0 19,313 0 0 19,313 0 19,313 5,234,567  0 0 30,000 30,000 0 30,000 10,206,115	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 30,000 0 30,000 10,236,115	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,272,829  0 0 0 30,000 30,000 0 30,000 10,266,115	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 53,085 10,319,200	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739	30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 1,150,985 12,678,724	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 30,000 15,063,636	30 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 30,000 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 0 30,000 0 30,000 15,123,636	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped Fom Third Portage Lake (m³) Pumped Total Inflow (m³) Pumped Total Outflow (m³) Net Inflow (m³) Pumped Fom Volume (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000 10,176,115	28  19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 30,000 0 30,000 10,206,115	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 10,236,115	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,272,829  0 0 0 30,000 0 30,000 0 10,266,115	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 53,085 10,319,200 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 1,150,985 12,678,724 23,105 0 0 23,105	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 13,865,352 107,352 0 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 0 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 30,000 0 30,000 0 10,176,115	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 10,206,115 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 30,000 30,000 0 30,000 10,236,115	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 30,242 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 0 0 23,105 0 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352 0 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 0 1,168,284 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 0 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 0 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 30,000 0 30,000 0 15,123,636	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Punded Tomal Portage Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000 10,176,115	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 10,206,115 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 30,000 10,236,115 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 10 0 10 10 10 10 10 10 10 10 10 10	Jul 31 30,242 0 0 30,242 0 30,242 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,5352 107,352 0 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 0 30,000 30,000 0 30,000 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 0 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 30,000 0 30,000 15,123,636	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Pend-of-Month Volume (m³)  Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)	31 19,131 0 0 19,131 0 19,131 5,215,254 0 0 0 30,000 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	28  19,313 0 0 19,313 0 19,313 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 0 1,130,000 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 1,186,628 13,865,352 107,352 0 0 107,352	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0	31  19,131 0 0 19,131 0 19,131 5,484,793  0 0 30,000 30,000 0 30,000 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 15,093,636 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Punded Tomal Portage Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³)	31 19,131 0 0 19,131 0 0 19,131 5,215,254 0 0 0 30,000 0 30,000 0 30,000 10,176,115	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 10,206,115 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 30,000 10,236,115 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 10 0 10 10 10 10 10 10 10 10 10 10	Jul 31 30,242 0 0 30,242 0 30,242 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 0 0 1,186,5352 107,352 0 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 1,168,284 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 0 30,000 30,000 0 30,000 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 0 15,093,636	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 30,000 0 30,000 15,123,636	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  Pecant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pecant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)	31 19,131 0 0 19,131 0 19,131 5,215,254 0 0 0 30,000 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	28  19,313 0 0 19,313 0 19,313 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,292,142 0 0 23,085 0 30,000 53,085 0 0 0 0 0 0 0 0 0 0 0 0 0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 0 1,130,000 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105	31 49,297 0 0 49,297 0 0 49,297 5,432,397 56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352 107,352 0 0 107,352	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0	31  19,131 0 0 19,131 0 19,131 5,484,793  0 0 30,000 30,000 0 30,000 15,063,636	30  19,313 0 0 19,313 0 19,313 0 19,313 5,504,106 0 0 30,000 30,000 0 30,000 15,093,636 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vallt Pit (m³)	31  19,131 0 0 19,131 0 0 19,131 5,215,254  0 0 0 30,000 0 30,000 0 30,000 0 0 10,176,115	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 0 30,000 10,206,115 0 0 0 0 1,274,416	31  19,131  0  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  0  30,000  10,236,115  0  0  0  0  1,274,416	30  19,131 0 0 19,131 0 19,131 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0	31  19,313  0  0  19,313  0  19,313  0  19,313  5,292,142  0  0  23,085  0  30,000  53,085  0  0  53,085  10,319,200  0  0  0  0  1,274,416	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 0 1,130,000 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 183,978 1,458,393 66,526 603,783	Jul 31 30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352  107,352 0 0 107,352 0 107,352 1,588,850  47,967 1,360,338	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 15,063,636 0 0 0 0 0 1,641,559	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 30,000 0 15,093,636 0 0 0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 0 1,641,559	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  367,144  0  0  0  367,144  0  0  367,144  0  0  0  367,144  0  0  0  367,144  0  0  0  367,144  0  0  0  367,144  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) Pend-of-Month Volume (m³)  Total Inflow (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Pumped From Volume (m³)  Total Outflow (m³) Pumped From Volume (m³)  Total Outflow (m³) Pumped From Wally Lake (m³) Total Ontflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  1,274,416	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 10,206,115 0 0 0 1,274,416 0 0 0 0	31  19,131  0  0  19,131  0  19,131  5,253,698  0  0  0  30,000  30,000  0  30,000  10,236,115  0  0  0  1,274,416	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 1,274,416 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  53,085  10,319,200  0  0  0  0  1,274,416	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 1,458,393 66,526 603,783 670,309	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352  107,352 0 0 107,352 0 107,352 1,588,850  47,967 1,360,338 1,408,305	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 15,063,636 0 0 0 0 1,641,559 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 0 1,641,559 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  154,880  4,182,604  4,337,484
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Yoult Attenuation Pond Runoff (m³)  Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Total Inflow (m³)  Net Inflow (m³)  Pumped From Phaser Pit (m³)  Pumped From Outling (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Volume (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  1,274,416  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 10,206,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  53,085  10,319,200  0  0  0  1,274,416  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 1,458,393 66,526 603,783 670,309 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 13,865,352  107,352 0 0 107,352 0 107,352 1,588,850  47,967 1,360,338 1,408,305 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 0 1,641,559 22,611 1,212,177 1,234,788 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 15,063,636 0 0 0 0 1,641,559 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 0 1,641,559 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  4,182,604  4,337,484  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pend-of-Month Volume (m³)  Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³) Pumped From Wally Lake (m³)  Total Outflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  1,274,416  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 10,206,115 0 0 0 1,274,416 0 0 0 0	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  1,274,416	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 0 30,000 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  53,085  10,319,200  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 1,458,393 66,526 603,783 670,309 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 13,865,352  107,352 0 0 107,352 0 0 107,352 1,588,850  47,967 1,360,338 1,408,305 0 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788 0 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0 0 327,114 0 0 327,114 0 182,846 0 34,675 4,520,000 240,000 4,977,521 0 0 4,977,521 - 367,144 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Pumped from Third Portage Lake (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) Pend-of-Month Volume (m³)  Total Outflow (m³) Pumped From Phaser Pit (m³) Total Inflow (m³)  Total Inflow (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  1,274,416  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 30,000 0 30,000 10,206,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,253,698 0 0 0 0 30,000 0 30,000 0 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 0 30,000 0 30,000 0 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  53,085  10,319,200  0  0  0  1,274,416  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 1,458,393 66,526 603,783 670,309 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 13,865,352  107,352 0 0 107,352 0 107,352 1,588,850  47,967 1,360,338 1,408,305 0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 0 1,641,559 22,611 1,212,177 1,234,788 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 0 30,000 0 15,063,636 0 0 0 0 1,641,559 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 0 1,641,559 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  0  0  367,144  0  4,182,604  4,337,484  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pend-of-Month Volume (m³)  Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³) Pumped From Wally Lake (m³)  Total Outflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 0 30,000 10,206,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352  107,352 0 0 107,352 0 0 107,352 1,588,850  47,967 1,360,338 1,408,305 0 1,408,305	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 0 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 30,000 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  -  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Find-of-Month Volume (m³)  Pumped from Third Portage Lake (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Fotal Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pend-of-Month Volume (m³)  Total Outflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped Total Outflow (m³)  Ret Inflow (m³)  Pumped Total Outflow (m³)  Ret Inflow (m³)  Pumped Total Outflow (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,234,567 0 0 0 30,000 0 30,000 0 0 30,000 10,206,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  1,274,416  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081	31  49,297 0 0 49,297 0 0 49,297 5,432,397  56,628 0 0 1,130,000 0 1,186,628 0 0 1,186,628 13,865,352  107,352 0 0 107,352 0 0 107,352 1,588,850  47,967 1,360,338 1,408,305 0 1,408,305	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 0 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 30,000 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,523,237 0 0 0 30,000 30,000 0 30,000 15,123,636 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484  0  0  4,337,484  -  171,470
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Fast Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Fotal Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Pumped From Vault Pit (m³)  Total Inflow (m³)  Pumped From Vallt Pit (m³)  Total Inflow (m³)  Pumped From Vallt Pit (m³)  Total Inflow (m³)  Net Inflow (m³)  Pumped From Vallt Lake (m³)  Total Inflow (m³)  Net Inflow (m³)  Pumped From Wallty Lake (m³)  Total Inflow (m³)  Pumped From Vallty Lake (m³)  Total Inflow (m³)  Pumped from Wallty Lake (m³)  Total Inflow (m³)  Pumped from Wallty Lake (m³)  Total Inflow (m³)  Pumped from Pit (minduding Phaser Lake)  Runoff (m³)  Total Inflow (m³)  Total Inflow (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  30,000  10,176,115  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 0 0 30,000 10,206,115  0 0 0 0 0 1,274,416  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 1,458,393	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081 10,369,358	31  49,297  0  0  49,297  0  49,297  5,432,397  56,628  0  1,130,000  0  1,186,628  0  1,186,628  13,865,352  107,352  0  107,352  0  107,352  0  107,352  1,588,850  47,967  1,360,338  1,408,305  0  1,408,305  1,408,305  1,1777,662	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788 13,012,451	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 1,641,559	30  19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 30,000 0 30,000 15,093,636 0 0 0 0 1,641,559 0 0 0 1,30,000 0 1,641,559	31  19,131  0  0  19,131  0  19,131  5,523,237  0  0  0  30,000  30,000  15,123,636  0  0  0  0  0  1,641,559  0  0  0  13,012,451	365  327,114  0  0  327,114  0  0  327,114  0  182,846  0  34,675  4,520,000  240,000  4,977,521  0  0  4,977,521  -  367,144  0  0  367,144  -  154,880  4,182,604  4,337,484  0  0  4,337,484  0  0  4,337,484  -  171,470
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped so Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped from Vault Pit (m³)  Pumped From Phaser Pit (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pend-of-Month Volume (m³)  Pumped From Wallt Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 0 0 30,000 10,206,115  0 0 0 0 1,274,416  0 0 0 0 0 8,674,967	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 0 0 7 0 7 3,652 7 3,652 0 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081 10,369,358	31  49,297  0  0  49,297  0  49,297  5,432,397  56,628  0  1,130,000  0  1,186,628  13,865,352  107,352  0  107,352  0  107,352  0  107,352  1,588,850  47,967  1,360,338  1,408,305  0  1,408,305  11,777,662  53,105  0  0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788 13,012,451 25,033 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 1,3012,451	30  19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 1,3012,451	31  19,131  0  0  19,131  0  19,131  5,523,237  0  0  0  30,000  30,000  15,123,636  0  0  0  0  0  1,641,559  0  0  0  13,012,451	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 182,846 0 34,675 4,520,000 240,000 4,977,521 0 0 4,977,521 - 367,144 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 0 4,337,484 0 0 0 4,337,484 - 171,470 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped from Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Total Inflow (m³) Net Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Total Inflow (m³) Pumped From Vault Pit (m³) Total Inflow (m³) Pumped From Vally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Phaser Open Pit (including Phaser Lake) Runoff (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 0 0 30,000 10,206,115  0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 0 0 7 3,652 7 3,652 7 3,652 0 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100  20,985 0 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724  23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081 10,369,358	31  49,297  0  0  49,297  0  49,297  5,432,397  56,628  0  1,130,000  0  1,186,628  13,865,352  107,352  0  107,352  0  107,352  0  107,352  1,588,850  47,967  1,360,338  1,408,305  0  0  1,408,305  1,1777,662  53,105  0  0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788 13,012,451 25,033 0 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793  0 0 0 30,000 0 30,000 0 0 30,000 15,063,636  0 0 0 1,641,559  0 0 0 1,642,559	30  19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 1,3012,451	31  19,131 0 0 19,131 0 0 19,131 5,523,237  0 0 0 30,000 30,000 0 30,000 15,123,636  0 0 0 0 1,641,559  0 0 0 1,3012,451	365  327,114 0 0 0 327,114 0 0 327,114 0 0 327,114 182,846 0 34,675 4,520,000 240,000 4,977,521 0 0 4,977,521 367,144 0 0 367,144 0 0 367,144 154,880 4,182,604 4,337,484 171,470 0 0 171,470 0 0
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped so Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped from Vault Pit (m³)  Pumped From Phaser Pit (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pend-of-Month Volume (m³)  Pumped From Wallt Pit (m³)  Pumped From Phaser Pit (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,215,254  0  0  0  30,000  0  30,000  10,176,115  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,234,567  0 0 0 30,000 0 0 30,000 10,206,115  0 0 0 0 1,274,416  0 0 0 0 0 8,674,967	31  19,131  0  0  19,131  0  19,131  0  19,131  5,253,698  0  0  0  30,000  0  30,000  10,236,115  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,131 0 0 19,131 0 0 19,131 5,272,829 0 0 0 30,000 30,000 0 30,000 10,266,115 0 0 0 0 0 1,274,416 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  19,313  5,292,142  0  23,085  0  30,000  53,085  0  0  0  0  0  0  0  0  0  0  0  0  0	Jun 30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,352,858 78,539 0 1,130,000 0 1,208,539 0 1,208,539 11,527,739 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 0 0 7 0 7 3,652 7 3,652 0 0	Jul 31 30,242 0 0 30,242 0 0 30,242 5,383,100 20,985 0 1,130,000 0 1,150,985 0 0 1,150,985 12,678,724 23,105 0 0 23,105 0 0 23,105 1,481,498 17,775 1,006,306 1,024,081 0 0 1,024,081 10,369,358	31  49,297  0  0  49,297  0  49,297  5,432,397  56,628  0  1,130,000  0  1,186,628  13,865,352  107,352  0  107,352  0  107,352  0  107,352  1,588,850  47,967  1,360,338  1,408,305  0  1,408,305  11,777,662  53,105  0  0	30 33,265 0 0 33,265 0 0 33,265 5,465,662 26,694 0 11,590 1,130,000 0 1,168,284 0 0 1,168,284 15,033,636 52,710 0 0 52,710 0 0 52,710 1,641,559 22,611 1,212,177 1,234,788 0 0 1,234,788 13,012,451 25,033 0	31  19,131 0 0 19,131 0 0 19,131 5,484,793 0 0 0 30,000 30,000 0 30,000 15,063,636 0 0 0 0 1,641,559 0 0 0 1,3012,451	30  19,313 0 0 19,313 0 0 19,313 5,504,106 0 0 0 30,000 0 30,000 0 15,093,636 0 0 0 0 1,641,559 0 0 0 1,3012,451	31  19,131  0  0  19,131  0  19,131  5,523,237  0  0  0  30,000  30,000  15,123,636  0  0  0  0  0  1,641,559  0  0  0  13,012,451	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 -  182,846 0 34,675 4,520,000 240,000 4,977,521 0 0 4,977,521 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 0 0 171,470 171,470 0



		-	•	•		Yea	r 2022						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	31	28	31	30	31	30	31	31	30	31	30	31	365
Tailings (tonnes): Cummulative Tailings (tonnes):	66,644 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	0 36,153,676	66,644
Cummulative Tailings (m3) - North Cell	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	16,178,977	-
Cummulative Tailings (m3) - South Cell	12,110,880	12,344,213	12,602,547	12,852,547	13,063,910	13,063,910	13,063,910	13,063,910	13,063,910	13,275,274	13,525,274	13,783,607	-
North Cell (TSF) Starting Pond Volume (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	
Water from tailings slurry (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m <sup>3</sup> )	0	0	0	0	0	76,665	7,700	42,862	21,238	-13	0	0	148,451
Total Inflow (m³)	0	0	0	0	0	76,665	7,700	42,862	21,238	-13	0	0	148,451
Transfer to South Cell (m³)	0	0	0	0	0	76,665	7,700	42,862	21,238	-13	0	0	148,451
Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)  Net Inflow (m³)	0	0	0	0	0	76,665 0	7,700 0	42,862 0	21,238 0	-13 0	0	0	148,451 0
End-of-Month Volume (m³)	0	0	0	0	0	0	0	0	0	0	0	0	-
South Cell (TSF)													
Pumped From Portage Pit (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m <sup>3</sup> )	0	0	0	0	0	40,982	-10,260	8,951	5,933	0	0	0	45,605
Transfer from North Cell (m³)	0	0	0	0	0	76,665 0	7,700 0	42,862 0	21,238	-13 0	0	0	148,451
Water from tailings slurry (m³)  Total Inflow (m³)	24,703 24,703	0	0	0	0	117,646	-2,560	51,812	27,171	-13	0	0	24,703 218,759
Reclaim water to the mill (m <sup>3</sup> )	63,321	0	0	0	0	0	0	0	0	0	0	0	63,321
Transfer to Portage Pit (m³)	0	0	0	0	0	267,646	184,637	51,812	36,068	0	0	0	540,163
Total Outflow (m³)	63,321	0	0	0	0	267,646	184,637	51,812	36,068	0	0	0	603,484
Net Inflow (m³)	-38,618	0	0	0	0	-150,000	-187,197	0	-8,897	-13	0	0	-384,725
End-of-Month Volume (m³)	346,107	346,107	346,107	346,107	346,107	196,107	8,910	8,910	13	0	0	0	-
Mill/Camp  Ore water (m³)	653	0	0	0	0	0	0	0	0	0	0	0	653
Reclaim water (m³)	63,321	0	0	0	0	0	0	0	0	0	0	0	63,321
Freshwater from Third Portage Lake (m³)	186,000	2,688	2,976	2,880	2,976	2,880	2,976	2,976	2,880	2,976	2,880	2,976	218,064
Total Inflow (m³)	249,974	2,688	2,976	2,880	2,976	2,880	2,976	2,976	2,880	2,976	2,880	2,976	282,038
Freshwater for camp purposes (m³)	2,945	2,688	2,976	2,880	2,976	2,880	2,976	2,976	2,880	2,976	2,880	2,976	35,009
Slurry water (m³)	247,029	0	0	0	0	0	0	0	0	0	0	0	247,029
Total Outflow (m³)  Net Inflow (m³)	249,974	2,688 0	2,976 0	2,880	2,976 0	2,880	2,976 0	2,976	2,880	2,976 0	2,880	2,976	282,038 0
Reclaim water pumping rate (m³/hr)	85	0	0	0	0	0	0	0	0	0	0	0	-
Freshwater pumping rate (m³/hr)	250	4	4	4	4	4	4	4	4	4	4	4	-
TSF Water Balance													
Slurry water (m³)	247,029	0	0	0	0	0	0	0	0	0	0	0	247,029
Tonnage destination (1=100% SC, 0=100% NC)  NC Tailings water/ice entrampment (%)	1.000 90%	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
SC Tailings water/ice entrampment (%)	90%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
Slurry water returned to the NC pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Slurry water returned to the SC pond (m³)	24,703	0	0	0	0	0	0	0	0	0	0	0	24,703
						Von	r 2022						
		1					1 2022					1	ANNUAL TOTAL
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
No. of days	Jan 31	Feb 28	Mar 31	Apr 30	May 31	Jun 30	Jul 31	Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	365
Goose Pit (ATP)	31	28	31	30	31	30	31	31	30	31	30	31	365
Goose Pit (ATP) Runoff (m³)	<b>31</b> 19,131	<b>28</b> 19,313	<b>31</b> 19,131	<b>30</b> 19,131	<b>31</b> 19,313	<b>30</b> 60,716	<b>31</b> 30,242	<b>31</b> 49,297	<b>30</b> 33,265		<b>30</b> 19,313	<b>31</b> 19,131	
Goose Pit (ATP)	31	28	31	30	31	30	31	31	30	<b>31</b> 19,131	30	31	365 327,114
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³)	19,131 0	19,313 0	19,131 0	19,131 0	31 19,313 0	60,716 0	30,242 0	<b>31</b> 49,297 0	33,265 0	19,131 0	19,313 0	19,131 0	365 327,114 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)	19,131 0 0 19,131 0	19,313 0 0 19,313 0	19,131 0 0 19,131 0	19,131 0 0 19,131 0	19,313 0 0 19,313 0	60,716 0 0 60,716 0	30,242 0 0 30,242 0	49,297 0 0 49,297 0	33,265 0 0 33,265 0	19,131 0 0 19,131 0	19,313 0 0 19,313 0	19,131 0 0 19,131 0	365 327,114 0 0 327,114 0
Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)	19,131 0 0 19,131 0 19,131 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	19,131 0 0 19,131 0 19,131 0	19,313 0 0 19,313 0 0	60,716 0 0 60,716 0 60,716 0	31 30,242 0 0 30,242 0	49,297 0 0 49,297 0 0	33,265 0 0 33,265 0 0	19,131 0 0 19,131 0 0 0	19,313 0 0 19,313 0	19,131 0 0 19,131 0 19,131 0	365 327,114 0 0 327,114 0 0
Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	31 19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 19,313 0 19,313	19,131 0 0 19,131 0 0 19,131	30 19,131 0 0 19,131 0 0 19,131	31 19,313 0 0 19,313 0 0 19,313	60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 0 30,242	31 49,297 0 0 49,297 0 0 49,297	30 33,265 0 0 33,265 0 0 33,265	19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 19,313 0 19,313	31 19,131 0 0 19,131 0 0 19,131	365 327,114 0 0 327,114 0
Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	19,131 0 0 19,131 0 19,131 0	19,313 0 0 19,313 0 0	19,131 0 0 19,131 0 0	19,131 0 0 19,131 0 19,131 0	19,313 0 0 19,313 0 0	60,716 0 0 60,716 0 60,716 0	31 30,242 0 0 30,242 0	49,297 0 0 49,297 0 0	33,265 0 0 33,265 0 0	19,131 0 0 19,131 0 0 0	19,313 0 0 19,313 0	19,131 0 0 19,131 0 19,131 0	365 327,114 0 0 327,114 0 0
Goose Pit (ATP)  Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	31 19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 19,313 0 19,313	19,131 0 0 19,131 0 0 19,131	30 19,131 0 0 19,131 0 0 19,131	31 19,313 0 0 19,313 0 0 19,313	60,716 0 0 60,716 0 0 60,716	30,242 0 0 30,242 0 0 30,242	31 49,297 0 0 49,297 0 0 49,297	30 33,265 0 0 33,265 0 0 33,265	19,131 0 0 19,131 0 0 19,131	19,313 0 0 19,313 0 19,313 0 19,313	31 19,131 0 0 19,131 0 0 19,131	365 327,114 0 0 327,114 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit	31 19,131 0 0 19,131 0 0 19,131 5,542,368	28 19,313 0 0 19,313 0 0 19,313 5,561,681	31 19,131 0 0 19,131 0 0 19,131 5,580,812	30 19,131 0 0 19,131 0 0 19,131 5,599,943	31 19,313 0 0 19,313 0 0 19,313 5,619,256	30 60,716 0 0 60,716 0 0 60,716 5,679,972	30,242 0 0 30,242 0 0 30,242 5,710,214	31 49,297 0 0 49,297 0 0 49,297 5,759,511	30 33,265 0 0 33,265 0 0 33,265 5,792,776	31 19,131 0 0 19,131 0 0 19,131 5,811,907	30 19,313 0 0 19,313 0 0 19,313 5,831,220	31 19,131 0 0 19,131 0 0 19,131 5,850,351	365  327,114  0  0  327,114  0  327,114  -
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368	28 19,313 0 0 19,313 0 0 19,313 5,561,681	31 19,131 0 0 19,131 0 0 19,131 5,580,812	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0	31 49,297 0 0 49,297 0 49,297 5,759,511 56,628 51,812 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590	31 19,131 0 0 19,131 0 0 19,131 5,811,907	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0	365  327,114  0  0  327,114  0  327,114  -  182,846  540,163  34,675
Goose Pit (ATP) Runoff (m³)  Transfer from South Cell (m³)  Pumped from Third Portage Lake (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000	31 49,297 0 0 49,297 0 49,297 5,759,511 56,628 51,812 0 1,130,000	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000	31 19,131 0 0 19,131 0 0 19,131 5,811,907	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 0	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0	31 49,297 0 0 49,297 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 0 30,000	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000	31 49,297 0 0 49,297 0 49,297 5,759,511 56,628 51,812 0 1,130,000	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000	31 19,131 0 0 19,131 0 0 19,131 5,811,907	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 0 30,000 30,000	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 0 30,000 30,000	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 30,000	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 30,000	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000 53,085	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 30,000	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 30,000	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 0 30,000 30,000	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 0 0 30,000 0	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 0 0 30,000 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000 53,085 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 0 30,000 0	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 0 0 30,000 0	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 0 30,000 0 0	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 0 30,000 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 0	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000 53,085 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 0	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 30,000 0 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 0 30,000 0 0	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Find-of-Month Volume (m³)  Vault Attenuation Pond	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 30,000 0 30,000 0 30,000 15,153,636	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 30,000 0 30,000 0 30,000 15,183,636	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0 30,000 0 30,000 15,243,636	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 30,000 0 30,000 0 30,000 0 30,000 20,581,319	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 30,000 0 30,000 0 30,000 0 30,000 20,611,319	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 30,000 0 30,000 0 30,000 0 30,000 20,641,319	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  End-of-Month Volume (m³)  End-of-Month Volume (m³)  Vault Attenuation Pond Runoff (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 30,000 0 30,000 0 30,000 15,153,636	28  19,313 0 0 19,313 0 0 19,313 0 19,313 5,561,681  0 0 30,000 30,000 0 30,000 15,183,636	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0 30,000 15,243,636	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 1,476,185 16,772,905	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 30,000	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 30,000 0 30,000 0 30,000	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 30,000 0 30,000 0 30,000 0 20,641,319	365  327,114 0 0 327,114 0 0 327,114 0 327,114 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Find-of-Month Volume (m³)  Vault Attenuation Pond	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 30,000 0 30,000 0 30,000 15,153,636	28 19,313 0 0 19,313 0 0 19,313 5,561,681 0 0 0 30,000 0 30,000 0 30,000 15,183,636	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0 30,000 0 30,000 15,243,636	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0	30 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 30,000 0 30,000 0 30,000 0 30,000 0 0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 30,000 0 30,000 0 30,000 0 30,000 20,641,319	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -  367,144
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³)  Vault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 30,000 0 30,000 0 30,000 15,153,636	28  19,313 0 0 19,313 0 0 19,313 0 19,313 5,561,681  0 0 30,000 30,000 0 30,000 15,183,636 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0 30,000 0 30,000 15,243,636	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 53,085 15,296,721	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 1,476,185 16,772,905	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 30,000 0 30,000 0 20,581,319	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 30,000 0 30,000 0 30,000 0 20,641,319	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -  367,144  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Volume (m³)  Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³)	31 19,131 0 0 19,131 0 0 19,131 5,542,368 0 0 0 30,000 0 30,000 0 30,000 0 15,153,636 0 0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721 0 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 16,772,905 183,978 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319 52,710 0	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 30,000 0 30,000 0 20,581,319	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0	31 19,131 0 0 19,131 0 0 19,131 5,850,351 0 0 0 0 30,000 0 30,000 0 30,000 0 20,641,319 0 0	365  327,114  0  0  327,114  0  327,114  0  327,114  -  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -  367,144  0  0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped from Volume (m³)  Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)	31  19,131  0  0  19,131  0  19,131  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 0 30,000 0 30,000 15,243,636 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721 0 0 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 16,772,905 183,978 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 0 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319 52,710 0 0 52,710 0	31 19,131 0 0 19,131 0 0 19,131 5,811,907 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0  0  0  0	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,850,351  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Put the Total Outflow (m³) Pumped from Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)	31  19,131  0  0  19,131  0  19,131  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  53,085  15,296,721  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 0 23,105 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0 107,352 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319 52,710 0 0 52,710 0	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 30,000 0 30,000 20,581,319  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0  0  0  0  0  0  0  0  0  0	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,850,351  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped from Volume (m³)  Vault Attenuation Pond Runoff (m³) Pumped From Phaser Pit (m³) Pumped From Wallt Pit (m³) Pumped from Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  Net Inflow (m³)  Net Inflow (m³)	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 30,000 0 30,000 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 30,000 15,243,636  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721 0 0 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 23,105	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0 107,352 0 107,352	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 1,204,352 20,551,319 52,710 0 0 52,710 0	31  19,131  0  0  19,131  0  0  19,131  5,811,907  0  0  0  0  30,000  30,000  0  30,000  20,581,319  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0  0  0  0  0  0  0  0  0  0  0  0	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,850,351  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114  0  0  327,114  0  327,114  0  327,114  0  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -  367,144  0  0  0  367,144  0  0  0  367,144
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Put the Total Outflow (m³) Pumped from Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)	31  19,131  0  0  19,131  0  19,131  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 19,131 0 0 19,131 0 0 19,131 5,580,812 0 0 0 0 30,000 0 30,000 0 30,000 15,213,636	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  53,085  15,296,721  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 0 23,105 0	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0 107,352 0	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319 52,710 0 0 52,710 0	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 30,000 0 30,000 20,581,319  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0  0  0  0  0  0  0  0  0  0	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,850,351  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Pend-of-Month Volume (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Ret Inflow (m³)  End-of-Month Volume (m³)	31  19,131  0  0  19,131  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 0 1,641,559	31  19,131  0  0  19,131  0  0  19,131  5,580,812  0  0  0  0  30,000  30,000  15,213,636  0  0  0  0  0  0  1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0 0 1,641,559	31 19,313 0 0 19,313 0 0 19,313 5,619,256 0 0 23,085 0 30,000 53,085 0 0 53,085 15,296,721 0 0 0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 23,105	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0 107,352 0 107,352	30 33,265 0 0 33,265 0 0 33,265 5,792,776 26,694 36,068 11,590 1,130,000 0 1,204,352 0 1,204,352 20,551,319 52,710 0 0 52,710 0	31  19,131  0  0  19,131  0  0  19,131  5,811,907  0  0  0  0  30,000  30,000  0  30,000  20,581,319  0  0  0  0  0  0  0  0  0  0  0  0  0	30  19,313  0  0  19,313  0  0  19,313  5,831,220  0  0  0  30,000  30,000  0  30,000  20,611,319  0  0  0  0  0  0  0  0  0  0  0  0  0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114  0  0  327,114  0  327,114  0  327,114  0  182,846  540,163  34,675  4,520,000  240,000  5,517,684  0  0  5,517,684  -  367,144  0  0  0  367,144  0  0  0  367,144
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Pumped From Volume (m³)  Vault Attenuation Pond Runoff (m³)  Pumped From Phaser Pit (m³) Pumped From Wally Lake (m³)  Total Outflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pet Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  1,641,559	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 30,000 0 30,000 0 15,213,636  0 0 0 0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0 1,641,559	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  1,641,559	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 0 183,978 0 0 183,978 1825,537	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 0 1,238,440 19,346,967 107,352 0 0 107,352 0 107,352 1,955,993 47,967 1,360,338	30  33,265  0  0  33,265  0  0  33,265  5,792,776  26,694  36,068  11,590  1,130,000  0  1,204,352  0  0  1,204,352  20,551,319  52,710  0  0  52,710  0  0  52,710  0  52,710  2,008,703	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 30,000 0 30,000 0 30,000 20,581,319  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 30,000 30,000 0 30,000 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Volume (m³)  Vault Attenuation Pond Runoff (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³)  Total Outflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Pet Inflow (m³)  End-of-Month Volume (m³)  Pumped from Wally Lake (m³)  Total Oren Pit Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  1,641,559	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 0 30,000 0 15,213,636  0 0 0 0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 30,000 15,243,636  0 0 0 0 0 1,641,559	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  1,641,559  0  0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 0 183,978 0 1,825,537 66,526 603,783 670,309	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081	31 49,297 0 0 49,297 0 0 49,297 5,759,511 56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967 107,352 0 0 107,352 0 107,352 0 107,352 1,955,993 47,967 1,360,338 1,408,305	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 30,000 0 30,000 0 30,000 20,581,319  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 30,000 30,000 0 30,000 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 0 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³) Net Inflow (m³)  Pumped From Volume (m³)  Vault Attenuation Pond Runoff (m³)  Pumped From Wallt Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pecant - TSS to Wally Lake (m³)  Total Outflow (m³)  Pet Inflow (m³)  End-of-Month Volume (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 0 30,000 0 15,183,636  0 0 0 0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 0 30,000 0 15,213,636  0 0 0 0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 0 30,000 0 30,000 0 15,243,636  0 0 0 0 0 1,641,559	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 1,476,185 16,772,905 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 0 183,978 0 0 0 0 0 0 0 0 0 0 0 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 0 0 1,335,622 18,108,527 23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0	31  49,297 0 0 49,297 0 0 49,297 5,759,511  56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967  107,352 0 0 107,352 0 107,352 1,955,993  47,967 1,360,338 1,408,305 0	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 30,000 0 30,000 0 30,000 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 0 30,000 0 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  30,000  0  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Voulme (m³)  Vault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 0 30,000 0 15,213,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 30,000 0 30,000 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  15,296,721  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 183,978 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 0 183,978 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 18,108,527 23,105 0 0 23,105 0 23,105 1,848,642 17,775 1,06,306 1,024,081 0	31  49,297 0 0 49,297 0 0 49,297 5,759,511  56,628 51,812 0 1,130,000 0 1,238,440 19,346,967  107,352 0 0 107,352 0 107,352 0 107,352 1,955,993  47,967 1,360,338 1,408,305 0	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 0 30,000 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 0 30,000 0 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  0  30,000  0  30,000  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) Pend-of-Month Volume (m³)  Total Inflow (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³)  Total Outflow (m³) Pumped from Wally Lake (m³)  Total Outflow (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³) Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  30,000  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 0 15,183,636  0 0 0 0 1,641,559  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 30,000 0 30,000 15,213,636  0 0 0 0 0 1,641,559  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 30,000 0 30,000 0 15,243,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  15,296,721  0  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 183,978	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 18,108,527 23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081	31  49,297 0 0 49,297 0 0 49,297 5,759,511  56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967  107,352 0 0 107,352 0 107,352 1,955,993  47,967 1,360,338 1,408,305 0 1,408,305	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 0 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 0 30,000 30,000 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 30,000 0 30,000 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Voulme (m³)  Vault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pet Inflow (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 0 30,000 0 15,213,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 30,000 0 30,000 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  15,296,721  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 183,978 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 0 183,978 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 18,108,527 23,105 0 0 23,105 0 23,105 1,848,642 17,775 1,06,306 1,024,081 0	31  49,297 0 0 49,297 0 0 49,297 5,759,511  56,628 51,812 0 1,130,000 0 1,238,440 19,346,967  107,352 0 0 107,352 0 107,352 0 107,352 1,955,993  47,967 1,360,338 1,408,305 0	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 0 30,000 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 0 30,000 0 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  0  30,000  0  30,000  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  End-of-Month Volume (m³)  Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Volume (m³)  Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pet Inflow (m³)  Pet Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  30,000  30,000  30,000  0  0  0  0  0  0  0  0  0  0  0	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 0 15,183,636  0 0 0 0 1,641,559  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 30,000 0 30,000 15,213,636  0 0 0 0 0 1,641,559  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 30,000 30,000 0 30,000 0 15,243,636  0 0 0 0 0 1,641,559 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,313  0  0  19,313  0  0  19,313  0  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  15,296,721  0  0  0  0  0  0  0  1,641,559  0  0  0  0  0  0  0  0  0  0  0  0  0	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 183,978 0 0 0 0 183,978 0 0 0 0 183,978	31 30,242 0 0 30,242 0 0 30,242 5,710,214 20,985 184,637 0 1,130,000 0 1,335,622 18,108,527 23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081	31  49,297 0 0 49,297 0 0 49,297 5,759,511  56,628 51,812 0 1,130,000 0 1,238,440 0 1,238,440 19,346,967  107,352 0 0 107,352 0 107,352 1,955,993  47,967 1,360,338 1,408,305 0 1,408,305	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 0 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 0 30,000 30,000 0 0 0 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 30,000 0 30,000 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,850,351  0  0  0  0  30,000  30,000  20,641,319  0  0  0  0  0  0  0  0  0  0  0  0  0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 - 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Rend-of-Month Volume (m³) Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped do Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Volume (m³) Pumped from Vault Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pend-of-Month Volume (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pend-of-Month Volume (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Pit (including Phaser Lake) Runoff (m³) Total Inflow (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  0  30,000  30,000  30,000  15,153,636  0  0  0  0  0  0  0  0  1,641,559  0  0  0  1,3012,451	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 0 15,183,636  0 0 0 0 0 1,641,559  0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 30,000 0 30,000 0 15,213,636  0 0 0 0 0 1,641,559  0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943  0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	31  19,313  0  0  19,313  0  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  0  1,641,559  0  0  0  1,641,559	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 1,825,537 66,526 603,783 670,309 0 670,309 13,682,760	31  30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,710,214  20,985 184,637 0 1,130,000 0 1,335,622 18,108,527  23,105 0 0 23,105 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081 14,706,841	31  49,297  0  0  49,297  0  0  49,297  5,759,511  56,628  51,812  0  1,130,000  0  1,238,440  0  1,238,440  19,346,967  107,352  0  107,352  0  107,352  0  107,352  0  107,352  0  107,352  0  107,352  0  107,352  1,955,993  47,967  1,360,338  1,408,305  0  1,408,305  0  1,408,305  16,115,146	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788 17,349,934	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220 0 0 0 0 0 30,000 30,000 0 30,000 20,611,319 0 0 0 0 0 0 0 0 0 0 0 0 17,349,934	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,850,351  0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	365  327,114 0 0 327,114 0 0 327,114 0 0 327,114 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 171,470 171,470
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pet Inflow (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³) Pumped from Wally Lake (m³)  Total Open Pit Runoff (m³) Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Phaser Open Pit (including Phaser Lake) Runoff (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  1,641,559  0  0  0  1,3012,451	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 0 1,641,559  0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 30,000 30,000 0 30,000 0 15,213,636  0 0 0 0 0 0 1,641,559  0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 30,000 0 0 30,000 0 0 15,243,636 0 0 0 0 0 1,641,559 0 0 0 0 1,641,559	31  19,313  0  19,313  0  19,313  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  1,641,559  0  0  0  1,641,559	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 0 183,978 1,825,537 66,526 603,783 670,309 0 670,309 13,682,760	31  30,242 0 0 30,242 0 0 30,242 5,710,214  20,985 184,637 0 1,130,000 0 1,335,622 18,108,527  23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081 14,706,841	31  49,297  0  0  49,297  0  0  49,297  5,759,511  56,628  51,812  0  1,130,000  0  1,238,440  0  1,238,440  19,346,967  107,352  0  0  107,352  0  107,352  1,955,993  47,967  1,360,338  1,408,305  0  1,408,305  16,115,146	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788 17,349,934  25,033 0	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220  0 0 0 0 30,000 30,000 0 30,000 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,850,351  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	365  327,114 0 0 327,114 0 0 327,114 0 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 0 0 171,470 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Pumped to Attenuation Pond (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Phaser Open Pit (including Phaser Lake) Runoff (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³)	31  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,542,368  0 0 0 0 30,000 30,000 0 0 30,000 0 15,153,636  0 0 0 0 0 1,641,559  0 0 0 1,3012,451	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 0 1,641,559  0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 0 30,000 30,000 0 30,000 0 15,213,636  0 0 0 0 0 1,641,559  0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 30,000 0 0 30,000 0 0 15,243,636 0 0 0 0 0 1,641,559 0 0 0 1,641,559	31  19,313  0  19,313  0  19,313  0  19,313  5,619,256  0  0  23,085  0  30,000  53,085  15,296,721  0  0  0  0  0  1,641,559  0  0  0  1,641,559	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 1,476,185 16,772,905 183,978 0 0 183,978 0 183,978 0 0 183,978 0 0 183,978 0 0 183,978 1,825,537 66,526 603,783 670,309 0 670,309 13,682,760 73,652 73,652 0 0	31  30,242 0 0 30,242 0 0 30,242 0 0 30,242 5,710,214  20,985 184,637 0 1,130,000 0 1,335,622 18,108,527  23,105 0 0 23,105 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081 14,706,841	31  49,297  0  0  49,297  0  0  49,297  5,759,511  56,628  51,812  0  1,130,000  0  1,238,440  0  1,238,440  0  19,346,967  107,352  0  0  107,352  0  0  107,352  0  0  107,352  0  0  107,352	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788 17,349,934  25,033 0 0	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220  0 0 0 0 0 30,000 30,000 0 0 30,000 20,611,319  0 0 0 0 0 2,008,703  0 0 0 17,349,934	31  19,131 0 0 19,131 0 0 19,131 5,850,351  0 0 0 0 30,000 30,000 0 30,000 0 0 0 0	365  327,114 0 0 327,114 0 0 327,114 0 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470 0 0
Goose Pit (ATP) Runoff (m³) Transfer from South Cell (m³) Pumped from Third Portage Lake (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pet Inflow (m³)  Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³)  Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³) Net Inflow (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³) Pumped from Wally Lake (m³)  Total Open Pit Runoff (m³) Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Inflow (m³)  Phaser Open Pit (including Phaser Lake) Runoff (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	31  19,131  0  0  19,131  0  0  19,131  0  0  19,131  5,542,368  0  0  0  0  30,000  30,000  0  30,000  15,153,636  0  0  0  0  0  0  1,641,559  0  0  0  1,3012,451	28  19,313 0 0 19,313 0 0 19,313 5,561,681  0 0 0 30,000 30,000 0 30,000 15,183,636  0 0 0 0 0 0 1,641,559  0 0 0 1,641,559	31  19,131 0 0 19,131 0 0 19,131 5,580,812  0 0 0 30,000 30,000 0 30,000 0 15,213,636  0 0 0 0 0 0 1,641,559  0 0 0 1,641,559	30  19,131 0 0 19,131 0 0 19,131 0 0 19,131 5,599,943 0 0 0 0 30,000 30,000 0 0 30,000 0 0 15,243,636 0 0 0 0 0 1,641,559 0 0 0 0 1,641,559	31  19,313  0  19,313  0  19,313  0  19,313  5,619,256  0  23,085  0  30,000  53,085  0  0  53,085  15,296,721  0  0  0  0  0  1,641,559  0  0  0  1,641,559	30 60,716 0 0 60,716 0 0 60,716 0 0 60,716 5,679,972 78,539 267,646 0 1,130,000 0 1,476,185 0 0 1,476,185 16,772,905 183,978 0 0 183,978 0 0 183,978 1,825,537 66,526 603,783 670,309 0 670,309 13,682,760	31  30,242 0 0 30,242 0 0 30,242 5,710,214  20,985 184,637 0 1,130,000 0 1,335,622 18,108,527  23,105 0 0 23,105 0 0 23,105 1,848,642 17,775 1,006,306 1,024,081 0 0 1,024,081 14,706,841	31  49,297  0  0  49,297  0  0  49,297  5,759,511  56,628  51,812  0  1,130,000  0  1,238,440  0  1,238,440  19,346,967  107,352  0  0  107,352  0  107,352  1,955,993  47,967  1,360,338  1,408,305  0  1,408,305  16,115,146	30  33,265 0 0 33,265 0 0 33,265 5,792,776  26,694 36,068 11,590 1,130,000 0 1,204,352 0 0 1,204,352 20,551,319  52,710 0 0 52,710 0 0 52,710 2,008,703  22,611 1,212,177 1,234,788 0 0 1,234,788 17,349,934  25,033 0	31  19,131 0 0 19,131 0 0 19,131 5,811,907  0 0 0 0 0 30,000 30,000 0 0 30,000 0 0 0	30  19,313 0 0 19,313 0 0 19,313 5,831,220  0 0 0 0 30,000 30,000 0 30,000 0 0 0	31  19,131 0 0 19,131 0 0 19,131 5,850,351  0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	365  327,114 0 0 327,114 0 0 327,114 0 182,846 540,163 34,675 4,520,000 240,000 5,517,684 0 0 5,517,684 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470 0



Land Company of the C							Yea	r 2023						
Section   Property					-									ANNUAL TOTAL
Section   Company   Comp	•		_						_					
Commonity   Comm		_	_		_				_					-
Company   Comp														-
Comment   Comm		13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	13,845,315	-
Company   Comp		0	l 0	0	0	0	0	l 0	l 0	<u> </u>	0	Ι ο	0	
Marchand   1														
Section   Sect	_					-			-			-	-	-
Section of the Property of the Company of the Com			0	0	0						0	0	0	,
Second company		0	0	0	0	0	77,826	20,794	56,114	26,452	0	0	0	181,187
Marchard   C	Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Commonwhealth   Declaration   Commonwealth   Declaration   Declaration   Commonwealth   Declaration   Declaratio	Total Outflow (m³)	0	0	0	0	0	77,826	20,794	56,114	26,452	0	0	0	181,187
STANDALLES	Net Inflow (m <sup>3</sup> )			0	0	0	0	0	0	0		0		0
Septembro   C		0	0	0	0	0	0	0	0	0	0	0	0	
Transport in special prints		0	0	0	0	0	42,000	11 //65	20.029	14 594	0	l 0	0	00 906
The content of the	, ,								-	-				,
Station action and minds	•			-		-				,		-		
		0	0	0	0	0	0	0	0	0	0	0	0	0
Section of the content   Section of the cont	Transfer to Portage Pit (m³)	0	0	0	0	0	120,735	32,259	87,052	41,036	0	0	0	281,082
See A March Young (m)	Total Outflow (m³)	0	0	0	0	0	120,735	32,259	87,052	41,036	0	0	0	281,082
Comment   Comm	Net Inflow (m³)	0	0	0	0	0	0	0	0	0		0		0
Separate production   C	, ,	0	0	0	0	0	0	0	0	0	0	0	0	-
Institution for the extraction of the control of	2	0	n	0	0	0	0	0	n	0	0	0	n	0
Institution from front integrate face "1"   2,900	, ,		-	-		-			-			-	-	
Total marker			-						-			-		
Experience for company concessors   2.58   2.69   2.69   2.60	_		-						-			,		-
Test Outline (art)	2	2,945	2,660	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	34,675
Methodology (see of of first)	Slurry water (m <sup>3</sup> )													-
Column Annual Print	2				·				,	,				-
International configuration   Company   Comp	, ,		-						-					0
Story upset refine				-	_	-	-		_			-	-	-
Substitution		4	4	4	4	4	4	4	4	4	4	4	4	•
Telling set of the entire representation   Set   Set   One		0	0	0	0	0	0	0	0	0	0	0	0	0
Surry water entured to the panel pin*)	, , ,				0%				-					-
Minute   Fig.   Fig.   Mart   Apr   Mary   Mart	Void and ice entrapment losses (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Description	Slurry water returned to the pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Description								2022						
No. of says		Jan	Feb	Mar	Apr	Mav			Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
Reservice (m)   \$3.131   \$3.	No. of days													365
Transfer form South Cell (m)	Goose Pit (ATP)													
Purpose from There Provides Liste (mr)									-					· ·
Total Marcha (m <sup>2</sup> )														-
Parameter de Asternation Promisée   0	_													-
Total Cuttor(orin)   19.313	, ,							·	-			-	-	·
								0	0	0	0	0		0
Section   Part	2	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
Branch (firth   0	End-of-Month Volume (m³)	5,869,482	5,888,795	5,907,926	5,927,057	5,946,370	6,007,086	6,037,328	6,086,625	6,119,890	6,139,021	6,158,334	6,177,465	-
Transfer from SC (m²)							70.500	20.005	EC 500	25.504				100.010
Service water from Tear Drop Lake (m²)	, ,						· ·			· ·				·
Pumped from third Portage Lake (m²)	, ,		-						-			-		·
East Dike Sepage (m²) 30,000 3									-					-
Total Inflow (m²)   30,000														
Total Outflow (m <sup>2</sup> )		30,000	30,000	30,000	30,000	53,085	1,329,274	1,183,244	1,273,681	1,209,320	30,000	30,000	30,000	5,258,603
Net Inflow (m)   30,000   30		0	0	0	0	0	0	0	0	0	0	0	0	0
Sed-of-Month Volume (m*)   20,671,319   20,701,319   20,701,319   20,731,319   20,761,319   20,781,319   20			-				-	-	-					-
Runoff (m²)				·							· ·	·		5,258,603
Runoff (m³)		20,671,319	20,701,319	20,731,319	20,761,319	20,814,404	22,143,678	23,326,922	24,600,602	25,809,922	25,839,922	25,869,922	25,899,922	-
Pumped From Vault Pitt (m¹)	_	0	0	0	0	0	183.978	23,105	107.352	52,710	0	0	0	367,144
Pumped From Phaser Pit (m²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0														·
Pumped from Wally Lake (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2		-						-			-		0
Decant - TSS to Wally Lake (m³)	Pumped from Wally Lake (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Inflow (m <sup>3</sup> )		-	-						-				367,144
Net inflow (m²)			-					-	-					-
End-of-Month Volume (m³)  2,008,703  2,008,703  2,008,703  2,008,703  2,008,703  2,008,703  2,008,703  2,008,703  2,192,681  2,215,786  2,323,137  2,375,847  2,375,8	Total Outflow (m³)							-	-					-
Number   N	Nat Inflammas		U	U	U			·	·	·				36/,144
Runoff (m³) 0 0 0 0 0 0 0 66,526 17,775 47,967 22,611 0 0 0 0 154,880  Pumped from Wally Lake (m³) 0 0 0 0 0 0 603,783 1,006,306 1,360,338 1,212,177 0 0 0 0 4,182,604  Total Inflow (m³) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	, ,	× .		2 009 702	2 000 702	2 000 702	4.174.001	4,413,780	4,343,13/	4,373,647	4,373,647	4,373,647	4,373,647	•
Pumped from Wally Lake (m³) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	End-of-Month Volume (m³)	× .		2,008,703	2,008,703	2,008,703								
Pumped to Vault Attenuation Pond (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	End-of-Month Volume (m³) Vault Open Pit	2,008,703	2,008,703	, ,				17,775	47,967	22,611	0	0	0	154,880
Total Outflow (m³)  Det Inflow (m³)  Det O O O O O O O O O O O O O O O O O O O	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)	2,008,703	2,008,703	0	0	0	66,526							
Net Inflow (m³) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)	2,008,703 0 0	2,008,703 0 0	0 0 0	0 0 0	0 0 0	66,526 603,783 670,309	1,006,306	1,360,338 1,408,305	1,212,177 1,234,788	0	0	0	4,182,604 4,337,484
End-of-Month Volume (m³)  17,349,934  18,020,243  19,044,325  20,452,629  21,687,418  21,6	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	2,008,703 0 0 0 0	2,008,703 0 0 0 0	0 0 0 0	0 0 0	0 0 0	66,526 603,783 670,309 0	1,006,306 1,024,081 0	1,360,338 1,408,305 0	1,212,177 1,234,788 0	0 0 0	0 0 0	0 0 0	4,182,604 4,337,484 0
Phaser Open Pit (including Phaser Lake)       Runoff (m³)     0     0     0     0     0     53,105     25,033     0     0     0     171,470       Total Inflow (m³)     0	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)	2,008,703 0 0 0 0 0	2,008,703 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	66,526 603,783 670,309 0	1,006,306 1,024,081 0	1,360,338 1,408,305 0	1,212,177 1,234,788 0 0	0 0 0	0 0 0 0	0 0 0	4,182,604 4,337,484 0
Runoff (m³)         0         0         0         0         0         0         0         0         0         171,470           Total Inflow (m³)         0	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	2,008,703 0 0 0 0 0 0	2,008,703 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	66,526 603,783 670,309 0 0 670,309	1,006,306 1,024,081 0 0 1,024,081	1,360,338 1,408,305 0 0 1,408,305	1,212,177 1,234,788 0 0 1,234,788	0 0 0 0	0 0 0 0	0 0 0 0	4,182,604 4,337,484 0
Total Inflow (m³)         0         0         0         0         0         0         0         73,652         19,679         53,105         25,033         0         0         0         171,470           Pumped to Vault Attenuation Pond (m³)         0         171,470         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	2,008,703 0 0 0 0 0 0	2,008,703 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	66,526 603,783 670,309 0 0 670,309	1,006,306 1,024,081 0 0 1,024,081	1,360,338 1,408,305 0 0 1,408,305	1,212,177 1,234,788 0 0 1,234,788	0 0 0 0	0 0 0 0	0 0 0 0	4,182,604 4,337,484 0
Pumped to Vault Attenuation Pond (m³)         0         171,470	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)	2,008,703 0 0 0 0 0 0 0 17,349,934	2,008,703 0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	66,526 603,783 670,309 0 0 670,309 18,020,243	1,006,306 1,024,081 0 0 1,024,081 19,044,325	1,360,338 1,408,305 0 0 1,408,305 20,452,629	1,212,177 1,234,788 0 0 1,234,788 21,687,418	0 0 0 0 0 21,687,418	0 0 0 0 0 0 21,687,418	0 0 0 0 0 0 21,687,418	4,182,604 4,337,484 0 0 4,337,484
Total Outflow (m³)         0         171,470	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)	2,008,703 0 0 0 0 0 0 0 17,349,934	2,008,703 0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	66,526 603,783 670,309 0 670,309 18,020,243	1,006,306 1,024,081 0 0 1,024,081 19,044,325	1,360,338 1,408,305 0 0 1,408,305 20,452,629	1,212,177 1,234,788 0 0 1,234,788 21,687,418	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	4,182,604 4,337,484 0 0 4,337,484 - 171,470
	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	2,008,703 0 0 0 0 0 0 0 17,349,934	2,008,703 0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	66,526 603,783 670,309 0 670,309 18,020,243 73,652	1,006,306 1,024,081 0 1,024,081 19,044,325 19,679 19,679	1,360,338 1,408,305 0 0 1,408,305 20,452,629 53,105	1,212,177 1,234,788 0 0 1,234,788 21,687,418 25,033 25,033	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	4,182,604 4,337,484 0 0 4,337,484 - 171,470
End-of-Month Volume (m³) 685,878 685,878 685,878 685,878 685,878 685,878 759,530 779,209 832,314 857,347 857,347 857,347 -	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)	2,008,703  0  0  0  0  0  0  17,349,934	2,008,703  0  0  0  0  0  17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 17,349,934	66,526 603,783 670,309 0 0 670,309 18,020,243 73,652 0	1,006,306 1,024,081 0 0 1,024,081 19,044,325 19,679 19,679 0	1,360,338 1,408,305 0 1,408,305 20,452,629 53,105 0	1,212,177 1,234,788 0 0 1,234,788 21,687,418 25,033 25,033 0	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	0 0 0 0 0 21,687,418	4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470 0
	End-of-Month Volume (m³)  Vault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	2,008,703  0 0 0 0 0 17,349,934  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,008,703  0 0 0 0 0 17,349,934  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 17,349,934	0 0 0 0 0 0 17,349,934 0 0 0	0 0 0 0 0 0 17,349,934 0 0 0	66,526 603,783 670,309 0 0 670,309 18,020,243 73,652 73,652 0 0	1,006,306 1,024,081 0 0 1,024,081 19,044,325 19,679 19,679 0 0 19679.2	1,360,338 1,408,305 0 1,408,305 20,452,629 53,105 53,105 0 0 53104.9	1,212,177 1,234,788 0 0 1,234,788 21,687,418 25,033 25,033 0 0 25033.1	0 0 0 0 0 21,687,418 0 0 0	0 0 0 0 0 21,687,418 0 0 0	0 0 0 0 0 21,687,418	4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470 0 0 171,470



						Year	r 2024						ANNUAL TOTAL
No. of days	Jan 31	Feb 29	Mar 31	Apr 30	May 31	Jun 30	Jul 31	Aug 31	Sep 30	Oct 31	Nov 30	Dec 31	366
Tailings (tonnes):	0	0	0	0	0	0	0	0	0	0	0	0	0
Cummulative Tailings (tonnes):	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	36,153,676	-
Cummulative Tailings (m3) - North Cell Cummulative Tailings (m3) - South Cell	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	16,178,977 13,845,315	-
North Cell (TSF)	, , ,		,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							7, 7,		
Starting Pond Volume (m³)	0	0	0	0	0	0	0	0	0	0	0	0	-
Water from tailings slurry (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Runoff (m <sup>3</sup> )  Total Inflow (m <sup>3</sup> )	0	0	0	0	0	77,826 77,826	20,794	56,114 56,114	26,452 26,452	0	0	0	181,187 181,187
Transfer to South Cell (m³)	0	0	0	0	0	77,826	20,794	56,114	26,452	0	0	0	181,187
Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	0	0	0	0	0	77,826	20,794	56,114	26,452	0	0	0	181,187
Net Inflow (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
End-of-Month Volume (m³)	0	0	0	0	0	0	0	0	0	0	0	0	-
South Cell (TSF)  Runoff (m³)	0	0	0	0	0	42,909	11,465	30,938	14,584	0	0	0	99,896
Transfer from North Cell (m³)	0	0	0	0	0	77,826	20,794	56,114	26,452	0	0	0	181,187
Total Inflow (m³)	0	0	0	0	0	120,735	32,259	87,052	41,036	0	0	0	281,082
Reclaim water to the mill (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Transfer to Portage Pit (m³)	0	0	0	0	0	120,735	32,259	87,052	41,036	0	0	0	281,082
Total Outflow (m <sup>3</sup> )  Net Inflow (m <sup>3</sup> )	0	0	0	0	0	120,735 0	32,259 0	87,052 0	41,036 0	0	0	0	281,082
End-of-Month Volume (m³)	0	0	0	0	0	0	0	0	0	0	0	0	-
Mill/Camp													
Ore water (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclaim water (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Freshwater from Third Portage Lake (m³)	2,945 2,945	2,755 2,755	2,945 2,945	2,850 2,850	2,945 2,945	2,850 2,850	2,945 2,945	2,945 2,945	2,850 2,850	2,945 2,945	2,850 2,850	2,945 2,945	34,770 34,770
Total Inflow (m³)  Freshwater for camp purposes (m³)	2,945	2,755	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	34,770
Slurry water (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)	2,945	2,755	2,945	2,850	2,945	2,850	2,945	2,945	2,850	2,945	2,850	2,945	34,770
Net Inflow (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Reclaim water pumping rate (m³/hr)	0	0	0	0	0	0	0	0	0	0	0	0	-
Freshwater pumping rate (m³/hr)	4	4	4	4	4	4	4	4	4	4	4	4	-
TSF Water Balance Slurry water (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Tailings water/ice entrampment (%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	-
Void and ice entrapment losses (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Slurry water returned to the pond (m <sup>3</sup> )	0	0	0	0	0	0	0	0	0	0	0	0	0
						Vea	r 2024						
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	ANNUAL TOTAL
No. of days	31	28	31	30	31	30	31	31	30	31	30	31	365
Goose Pit (ATP)  Runoff (m³)	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
Transfer from South Cell (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Pumped from Third Portage Lake (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Inflow (m³)	19,131	19,313	19,131	19,131	19,313	60,716	30,242	49,297	33,265	19,131	19,313	19,131	327,114
Pumped to Attenuation Pond (m³)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Outflow (m³)  Net Inflow (m³)	0	0	0	0	0	0	0 30,242	0 49,297	0 33,265	0	0	0	0
End-of-Month Volume (m <sup>3</sup> )	10 121		10 121	10 121	10 212		30,242			10 121	10 212	10 121	227 114
	19,131	19,313	19,131 6,235,040	19,131 6 254 171	19,313	60,716				19,131 6 466 135	19,313	19,131 6 504 579	327,114
Portage Pit	19,131 6,196,596		19,131 6,235,040	19,131 6,254,171	19,313 6,273,484	6,334,200	6,364,442	6,413,739	6,447,004	19,131 6,466,135	19,313 6,485,448	19,131 6,504,579	327,114
		19,313		-									327,114 - - 182,846
Portage Pit Runoff (m³) Transfer from SC (m³)	6,196,596 0 0	19,313 6,215,909 0 0	6,235,040 0 0	6,254,171 0 0	6,273,484 0 0	6,334,200 78,539 120,735	6,364,442 20,985 32,259	6,413,739 56,628 87,052	6,447,004 26,694 41,036	6,466,135 0 0	6,485,448 0 0	6,504,579 0 0	182,846 281,082
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)	0 0 0	19,313 6,215,909 0 0	6,235,040 0 0	0 0 0	0 0 23,085	6,334,200 78,539 120,735 0	20,985 32,259 0	56,628 87,052 11,590	6,447,004 26,694 41,036 0	0 0 0	0 0 0	0 0 0	182,846 281,082 34,675
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	0 0 0 0	19,313 6,215,909 0 0 0	0 0 0 0	0 0 0 0	0 0 23,085	78,539 120,735 0 1,130,000	20,985 32,259 0 1,130,000	56,628 87,052 11,590 1,130,000	26,694 41,036 0 1,130,000	0 0 0 0	0 0 0 0	0 0 0 0	182,846 281,082 34,675 4,520,000
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)	0 0 0	19,313 6,215,909 0 0	6,235,040 0 0	0 0 0	0 0 23,085	6,334,200 78,539 120,735 0	20,985 32,259 0	56,628 87,052 11,590	6,447,004 26,694 41,036 0	0 0 0	0 0 0	0 0 0	182,846 281,082 34,675
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)	0 0 0 0 0 0 30,000	19,313 6,215,909 0 0 0 0 0 30,000	0 0 0 0 0 30,000	0 0 0 0 0 30,000	0 0 23,085 0 30,000	78,539 120,735 0 1,130,000	20,985 32,259 0 1,130,000	56,628 87,052 11,590 1,130,000	6,447,004 26,694 41,036 0 1,130,000 0	0 0 0 0 0 30,000	0 0 0 0 0 30,000	0 0 0 0 0 30,000	182,846 281,082 34,675 4,520,000 240,000
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)	0 0 0 0 0 30,000 30,000 0	19,313 6,215,909 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 23,085 0 30,000 53,085 0	78,539 120,735 0 1,130,000 0 1,329,274 0	20,985 32,259 0 1,130,000 0 1,183,244 0	56,628 87,052 11,590 1,130,000 0 1,285,271 0	26,694 41,036 0 1,130,000 0 1,197,730 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)	0 0 0 0 30,000 30,000 0 0 30,000	19,313 6,215,909 0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	0 0 23,085 0 30,000 53,085 0 0 53,085	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274	20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244	56,628 87,052 11,590 1,130,000 0 1,285,271 0 1,285,271	26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730	0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	182,846 281,082 34,675 4,520,000 240,000 5,258,603
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	0 0 0 0 0 30,000 30,000 0	19,313 6,215,909 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 23,085 0 30,000 53,085 0	78,539 120,735 0 1,130,000 0 1,329,274 0	20,985 32,259 0 1,130,000 0 1,183,244 0	56,628 87,052 11,590 1,130,000 0 1,285,271 0	26,694 41,036 0 1,130,000 0 1,197,730 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	0 0 0 0 0 30,000 30,000 0	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Vault Attenuation Pond	0 0 0 0 30,000 30,000 0 0 30,000	19,313 6,215,909 0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	0 0 23,085 0 30,000 53,085 0 0 53,085	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274	20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244	56,628 87,052 11,590 1,130,000 0 1,285,271 0 1,285,271	26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730	0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	0 0 0 0 30,000 30,000 0 0 30,000	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0
Portage Pit  Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)	0 0 0 0 30,000 30,000 0 0 30,000 25,929,922	19,313 6,215,909 0 0 0 0 30,000 30,000 0 0 30,000 25,959,922	0 0 0 0 30,000 30,000 0 0 30,000 25,989,922	0 0 0 0 30,000 30,000 0 0 30,000 0 26,019,922	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280	20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524	56,628 87,052 11,590 1,130,000 0 1,285,271 0 0 1,285,271 29,870,795	26,694 41,036 0 1,130,000 0 1,197,730 0 0 1,197,730 31,068,524	0 0 0 0 30,000 30,000 0 0 30,000 0 30,000 31,098,524	0 0 0 0 30,000 30,000 0 0 30,000 0 31,128,524	0 0 0 0 30,000 30,000 0 0 30,000 0 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Vault Attenuation Pond Runoff (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0	0 0 0 0 30,000 30,000 0 30,000 0 26,019,922 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0	20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0	6,447,004 26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730 31,068,524 52,710 0	0 0 0 0 30,000 30,000 0 30,000 31,098,524	0 0 0 0 30,000 30,000 0 30,000 31,128,524	0 0 0 0 30,000 30,000 0 30,000 0 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0	20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0	6,447,004 26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730 31,068,524 52,710 0 0	0 0 0 0 30,000 30,000 0 30,000 31,098,524	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0	0 0 0 0 30,000 30,000 0 30,000 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) End-of-Month Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0	0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978	0 1,130,000 0 1,133,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105	56,628 87,052 11,590 1,130,000 0 1,285,271 0 0 1,285,271 29,870,795 107,352 0 0 107,352	6,447,004 26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730 31,068,524 52,710 0 0 52,710	0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0	0 0 0 0 30,000 0 30,000 0 30,000 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Punded Fom Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0	0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0	0 1,130,000 0 1,133,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0	6,447,004 26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730 31,068,524 52,710 0 0 52,710 0	0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0	0 0 0 0 30,000 0 30,000 0 30,000 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³)  Pedid Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³)  Total Inflow (m³) Decant - TSS to Wally Lake (m³)  Total Outflow (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0	0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978	0 1,130,000 0 1,133,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105	56,628 87,052 11,590 1,130,000 0 1,285,271 0 0 1,285,271 29,870,795 107,352 0 0 107,352	6,447,004 26,694 41,036 0 1,130,000 0 1,197,730 0 1,197,730 31,068,524 52,710 0 0 52,710	0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0	0 0 0 0 30,000 0 30,000 0 30,000 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Punded Fom Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0	19,313 6,215,909 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0	0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0 0	0 1,130,000 0 1,133,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  0	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  0	0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0	0 0 0 0 30,000 0 30,000 0 30,000 31,158,524	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Net Inflow (m³) Net Inflow (m³) Punded to Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Send-of-Month Volume (m³) Punded From Vault Pit (m³) Pumped From Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 0	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0 0 183,978 2,559,824	0,133,244 20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0 0 23,105 0 23,105 2,582,929	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  107,352  2,690,281	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991	0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 0	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped To Attenuation Pond Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Net Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Yault Open Pit Runoff (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 0	0 0 0 0 30,000 0 30,000 0 0 30,000 26,019,922 0 0 0 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 0 2,375,847	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0 0 183,978 0 66,526	0,133,244 20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0 0 23,105 2,582,929	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  47,967	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991	0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  End-of-Month Volume (m³)  Vault Attenuation Pond Runoff (m³)  Pumped From Vault Pit (m³)  Pumped From Vally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Rend-of-Month Volume (m³)  Yault Open Pit  Runoff (m³)  Pumped from Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 0 26,019,922 0 0 0 0 0 0 0 0 2,375,847	0 0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847	6,334,200  78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280  183,978 0 0 183,978 0 0 183,978 0 66,526 603,783	0,133,000 0,1,133,244 0,0 1,133,244 0,0 1,183,244 28,585,524 23,105 0,0 0,23,105 0,0 23,105 2,582,929 17,775 1,006,306	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  47,967  1,360,338	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177	0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0 0 0 0 0 0 2,375,847	0 0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0 0 183,978 0 66,526 603,783 670,309	0,133,244 20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0 0 23,105 2,582,929 17,775 1,006,306 1,024,081	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788	0,466,135 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Net Inflow (m³) Net Inflow (m³) Pumped Trom Volume (m³) Yault Attenuation Pond Runoff (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Outflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped from Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 0 26,019,922 0 0 0 0 0 0 0 0 2,375,847	0 0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847	6,334,200  78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280  183,978 0 0 183,978 0 0 183,978 0 66,526 603,783	0,133,000 0,1,133,244 0,0 1,133,244 0,0 1,183,244 28,585,524 23,105 0,0 0,23,105 0,0 23,105 2,582,929 17,775 1,006,306	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  47,967  1,360,338	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177	0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Net Inflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped From Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped From Vault Pit (m³)  Pumped From Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 26,019,922 0 0 0 0 0 0 0 2,375,847	0 0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 2,375,847	6,334,200  78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280  183,978 0 0 183,978 0 0 183,978 2,559,824  66,526 603,783 670,309 0	0,133,000 0,1,133,244 0,0 1,133,244 0,0 1,183,244 28,585,524 23,105 0,0 0,23,105 0,0 23,105 2,582,929 17,775 1,006,306 1,024,081 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  47,967  1,360,338  1,408,305  0	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0	0,466,135 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Punded From Volume (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) End-of-Month Volume (m³)	0 0 0 0 30,000 30,000 0 30,000 25,929,922 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 25,989,922 0 0 0 0 0 0 2,375,847	0 0 0 0 30,000 30,000 0 30,000 0 26,019,922 0 0 0 0 0 0 0 2,375,847	0 0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 2,375,847	78,539 120,735 0 1,130,000 0 1,329,274 0 0 1,329,274 27,402,280 183,978 0 0 183,978 0 0 183,978 0 66,526 603,783 670,309 0	0,133,000 0,1,130,000 0,1,133,244 0,0 0,1,133,244 28,585,524 23,105 0,0 0,23,105 0,0 23,105 2,582,929 17,775 1,006,306 1,024,081 0	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  0	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0	0,466,135 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Punded From Volume (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pecant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pet Inflow (m³) Pumped From Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Phaser Open Pit (including Phaser Lake)	0 0 0 0 30,000 30,000 0 30,000 0 25,929,922 0 0 0 0 0 0 0 0 0 2,375,847	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 2,375,847 0 0 0 0 21,687,418	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847 0 0 0	6,334,200  78,539  120,735  0  1,130,000  0  1,329,274  0  0  1,329,274  27,402,280  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  2,559,824	0,1,13,244 20,985 32,259 0 1,130,000 0 1,183,244 0 0 1,183,244 28,585,524 23,105 0 0 23,105 0 0 23,105 2,582,929 17,775 1,006,306 1,024,081 0 1,024,081 23,381,808	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  0  1,285,271  29,870,795  107,352  0  0  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  1,408,305  24,790,113	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0  1,234,788  26,024,901	0,466,135 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,128,524 0 0 0 0 0 0 0 2,742,991	0 0 0 0 30,000 30,000 0 30,000 31,158,524 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³) Total Inflow (m³) Pumped to Attenuation Pond (m³) Total Outflow (m³) Net Inflow (m³) Punded From Volume (m³) Pumped From Vault Pit (m³) Pumped From Wally Lake (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) End-of-Month Volume (m³) Yault Open Pit Runoff (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Phaser Open Pit (including Phaser Lake) Runoff (m³)	0 0 0 0 30,000 30,000 0 30,000 0 0 25,929,922 0 0 0 0 0 0 0 0 2,375,847 0 0 0 0 0	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 2,375,847 0 0 0 0 21,687,418	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847 0 0 0 0 0	6,334,200  78,539  120,735  0  1,130,000  0  1,329,274  0  0  1,329,274  27,402,280  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  7  7  7  7  7  7  7  7  7  7  7  7	0,1,130,000 0,1,133,244 0 0,1,133,244 0 0,1,133,244 28,585,524 23,105 0 0,23,105 0 0,23,105 2,582,929 17,775 1,006,306 1,024,081 0 0,1,024,081 23,381,808	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  1,408,305  24,790,113	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0  1,234,788  26,024,901	0,466,135 0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 2,742,991 0 0 0 0 2,742,991 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 31,128,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 31,158,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Punded From Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pended from Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Red-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847 0 0 0 0 21,687,418	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847 0 0 0 0 0	6,334,200  78,539  120,735  0  1,130,000  0  1,329,274  0  0  1,329,274  27,402,280  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  2,559,824  66,526  603,783  670,309  0  670,309  22,357,727	0,1,183,244 0,1,183,244 0,1,183,244 0,0,1,183,244 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 23,105 0,1,006,306 1,024,081 0,024,081 23,381,808	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  1,408,305  24,790,113	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0  1,234,788  26,024,901  25,033  25,033	0,466,135 0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 2,742,991 0 0 0 0 26,024,901	0 0 0 0 30,000 30,000 0 30,000 0 31,128,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 31,158,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470
Portage Pit Runoff (m³) Transfer from SC (m³) Sewage water from Tear Drop Lake (m³) Pumped from Third Portage Lake (m³) East Dike Seepage (m³)  Total Inflow (m³) Pumped to Attenuation Pond (m³)  Total Outflow (m³) Net Inflow (m³) Pumped From Vault Pit (m³) Pumped From Phaser Pit (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Net Inflow (m³) Decant - TSS to Wally Lake (m³) Total Outflow (m³) Net Inflow (m³) Pumped from Wally Lake (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³) Total Outflow (m³) Pend-of-Month Volume (m³) Phaser Open Pit (including Phaser Lake) Runoff (m³) Total Inflow (m³) Pumped to Vault Attenuation Pond (m³)	0 0 0 0 30,000 30,000 0 30,000 0 0 25,929,922 0 0 0 0 0 0 0 0 2,375,847 0 0 0 0 0 0 0	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847 0 0 0 0 21,687,418	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 0 2,375,847 0 0 0 0 0 0 0 0 0 2,375,847	6,334,200  78,539  120,735  0  1,130,000  0  1,329,274  0  0  1,329,274  27,402,280  183,978  0  0  183,978  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0	0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,244 0,133,245 0,133,105 0,133,	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  0  1,285,271  29,870,795  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  1,408,305  24,790,113  53,105  53,105	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0  1,234,788  26,024,901	0,466,135 0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 2,742,991 0 0 0 0 26,024,901	0 0 0 0 30,000 30,000 0 30,000 0 31,128,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 31,158,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0 0 0 0 0 0	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470
Portage Pit Runoff (m³)  Transfer from SC (m³)  Sewage water from Tear Drop Lake (m³)  Pumped from Third Portage Lake (m³)  East Dike Seepage (m³)  Total Inflow (m³)  Pumped to Attenuation Pond (m³)  Total Outflow (m³)  Net Inflow (m³)  Punded From Vault Pit (m³)  Pumped From Vault Pit (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Decant - TSS to Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pended from Wally Lake (m³)  Total Outflow (m³)  Net Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Outflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped from Wally Lake (m³)  Total Inflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Pumped to Vault Attenuation Pond (m³)  Total Outflow (m³)  Red-of-Month Volume (m³)  Phaser Open Pit (including Phaser Lake)  Runoff (m³)  Total Inflow (m³)	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	19,313 6,215,909 0 0 0 0 0 30,000 30,000 0 30,000 25,959,922 0 0 0 0 0 0 2,375,847 0 0 0 0 21,687,418	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 0 0 0 0	0 0 23,085 0 30,000 53,085 0 0 53,085 26,073,007 0 0 0 0 0 0 2,375,847 0 0 0 0 0	6,334,200  78,539  120,735  0  1,130,000  0  1,329,274  0  0  1,329,274  27,402,280  183,978  0  0  183,978  0  0  183,978  0  0  183,978  0  0  183,978  2,559,824  66,526  603,783  670,309  0  670,309  22,357,727	0,1,183,244 0,1,183,244 0,1,183,244 0,0,1,183,244 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 28,585,524 23,105 0,0,1,183,244 23,105 0,1,006,306 1,024,081 0,024,081 23,381,808	6,413,739  56,628  87,052  11,590  1,130,000  0  1,285,271  0  1,285,271  29,870,795  107,352  0  107,352  0  107,352  2,690,281  47,967  1,360,338  1,408,305  0  1,408,305  24,790,113	6,447,004  26,694  41,036  0  1,130,000  0  1,197,730  0  1,197,730  31,068,524  52,710  0  0  52,710  0  52,710  2,742,991  22,611  1,212,177  1,234,788  0  0  1,234,788  26,024,901  25,033  25,033  0	0,466,135 0 0 0 0 30,000 30,000 0 30,000 31,098,524 0 0 0 0 0 0 0 0 0 2,742,991 0 0 0 0 26,024,901	0 0 0 0 30,000 30,000 0 30,000 0 31,128,524 0 0 0 0 0 0 0 2,742,991 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 30,000 30,000 0 30,000 0 31,158,524 0 0 0 0 0 0 2,742,991 0 0 0 0 0 0 0 0 2,742,991	182,846 281,082 34,675 4,520,000 240,000 5,258,603 0 0 5,258,603 - 367,144 0 0 0 367,144 0 0 367,144 - 154,880 4,182,604 4,337,484 0 0 4,337,484 - 171,470 171,470 0



### Appendix WT- TAILI N G S $\mathbf{M}$ AN AGEMENT $\mathbf{P}$ L AN

March   Marc
Description   Color
Communication project symbols   Communication project symbol
Companies   Comp
Company   Comp
Description of the property   Part
Benefit with benefit
Description
Particular Science (1977)   6   2   6   5   6   7,745   2079   98,644   36,65   6   6   6   7   184
Recommendation
Security   Column
Part
Registricy
Execution
Professional content of the conten
Teach section color of the co
Rectine search for entire "
Section for the pin
Macrosopie
Control National Print   Control National Pr
Comparison   Com
Description
Pedan service (m)
Transher
Fertile Accordance   1.545   2.400   2.905   2.800   2.905   2.800   2.905   2.800   2.905   2.800   2.905
Surrepresent
Table Desire (mile)
Next Hole
Packet   P
International properties (Inc.)   A
Survey water (an)
Telling steel/file efferamenent file
Vest and the corresponsed to the panel (m')   0   0   0   0   0   0   0   0   0
No. of days
Jan   Feb   Mary   Apr   Mary   Jun   Aug   Sep   Oct   Nov   Dect   AMNUAL
Jame   Feb   More   April   31   30   31
No. of days
Particular (first)   19,131
Transfer from South Cell In")  Portuged from Third Portage Lake [in")  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pumped from Third Portrage Liate (m²) 15,131 19,313
Total Inflow (m <sup>2</sup> )
Pumped to Atternation Pond (m²)  Pumped to Atternation Pond (m²)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Net Inflow (m²)
Control Cont
Runoff (m²)
Runoff (m³)
Transfer from Sc (m²)
Sewage water from Tear Drop Lake (m²)
East Dike Seepage (m²)   30,000   30,
Total Inflow (m²) 30,000 30,000 30,000 30,000 30,000 1,229,274 1,183,244 1,273,681 737,086 30,000 30,000 30,000 4,763,2 Pumped to Attenuation Pond (m²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pumped to Attenuation Pond (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total Outflow (m²)
Net Inflow (m²)   30,000   4,763,7
Section   Company   Comp
Runoff (m³)
Pumped From Vault Pitt (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pumped From Phaser Pit (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Pumped from Wally Lake (m³)  0 0 0 0 0 0 183,978 23,105 107,352 366,904 0 0 0 681,3  Decant - TSS to Wally Lake (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Total Inflow (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Decant - TSS to Wally Lake (m³)   0   0   0   0   0   0   0   0   0
Net Inflow (m³)  Net Inflow (m³)  2,742,991  2,926,968  2,950,073  3,057,425  3,424,329  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  4,741,967  2,961  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
End-of-Month Volume (m³)  2,742,991  2,742,991  2,742,991  2,742,991  2,742,991  2,742,991  2,742,991  2,742,991  2,742,991  2,926,968  2,950,073  3,057,425  3,424,329  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  3,424,328  4,7967  2,611  0  0  0  0  0  0  0  0  0  0  0  0
VaultOpenPit           Runoff (m³)         0         0         0         0         66,526         17,775         47,967         22,611         0         0         0         154,88           Pumped from Wally Lake (m³)         0         0         0         0         0         0         0         0         0         0         0         0         22,611         0         0         0         2,955,4         0
Runoff (m³)         0         0         0         0         0         66,526         17,775         47,967         22,611         0         0         0         154,88           Pumped from Wally Lake (m³)         0         0         0         0         0         0         603,783         1,006,306         1,345,383         0         0         0         0         2,955,4           Total Inflow (m³)         0         0         0         0         0         0         670,309         1,024,081         1,393,350         22,611         0         0         0         3,110,3           Pumped to Vault Attenuation Pond (m³)         0
Pumped from Wally Lake (m³)         0         0         0         0         0         0         0         0         0         0         0         2,955,4           Total Inflow (m³)         0 <th< td=""></th<>
Total Inflow (m³)         0         0         0         0         0         0         670,309         1,024,081         1,393,350         22,611         0         0         0         3,110,3           Pumped to Vault Attenuation Pond (m³)         0
Total Outflow (m³)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Net Inflow (m³)  0 0 0 0 0 670,309 1,024,081 1,393,350 22,611 0 0 0 3,110,3  End-of-Month Volume (m³)  26,024,901 26,024,901 26,024,901 26,024,901 26,024,901 26,024,901 27,719,292 29,112,641 29,135,253 29,135,253 29,135,253 -
End-of-Month Volume (m³)  26,024,901 26,024,
Phaser Open Pit (including Phaser Lake)
Runoff (m <sup>3</sup> ) 0 0 0 0 0 73,652 19,679 53,105 25,033 0 0 0 <b>171,4</b> :
Total Inflow (m³)  0 0 0 0 0 73,652 19,679 53,105 25,033 0 0 0 171,4
Pumped to Vault Attenuation Pond (m³)         0
Total Outflow (m³) 0 0 0 0 0 0 0 0 0 0 0 0 0
Net Inflow (m³) 0 0 0 0 0 73,652 19,679 53,105 25,033 0 0 0 171,43 End-of-Month Volume (m³) 1,028,817 1,028,817 1,028,817 1,028,817 1,028,817 1,102,469 1,122,148 1,175,253 1,200,286 1,200,286 1,200,286 1,200,286
End-of-Month Volume (m³)   1,028,817   1,028,817   1,028,817   1,028,817   1,028,817   1,122,488   1,175,253   1,200,286   1,2

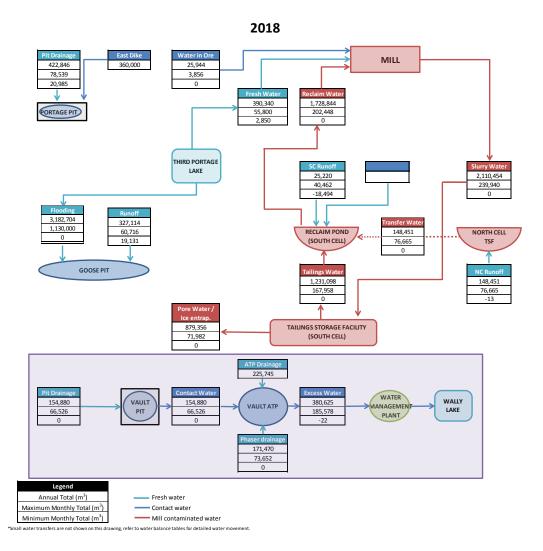


Whale Tail Pit

**Appendix E • Flow Charts** 

# AGNICO EAGLE

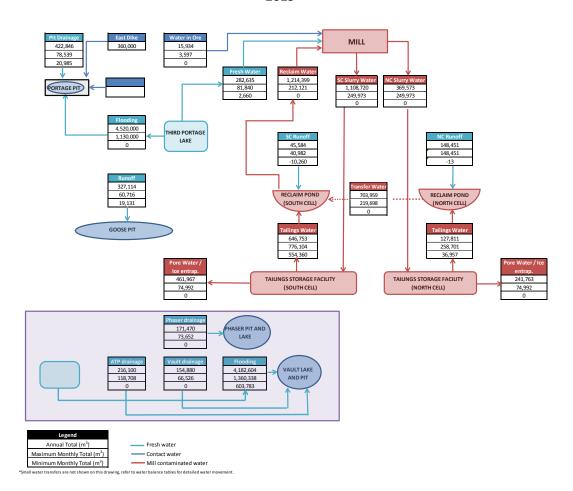
#### Appendix WT-TAILINGS MANAGEMENT PL AN





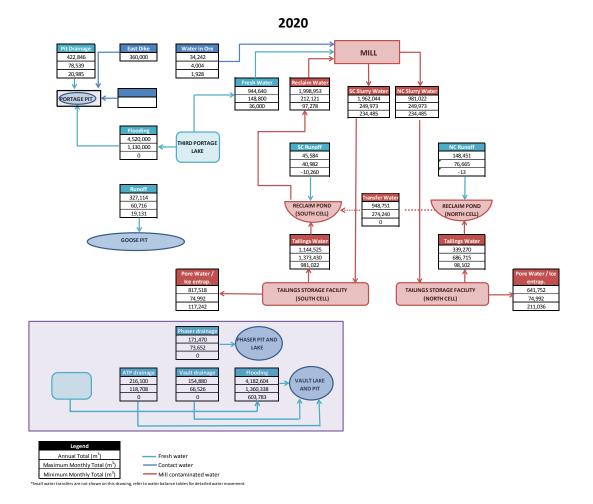
Whale Tail Pit

#### 2019



# AGNICO EAGLE

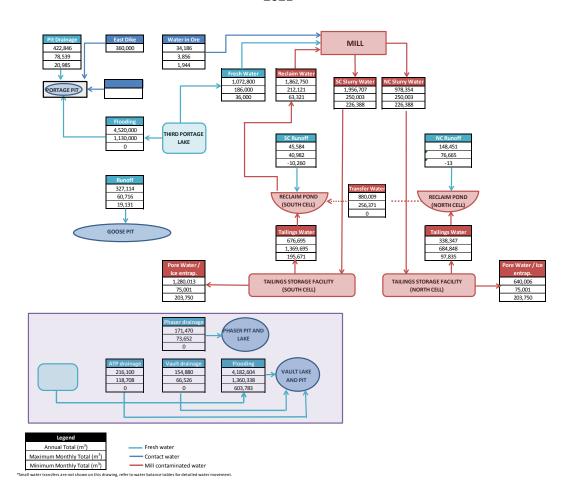
#### Appendix WT- TAILINGS MANAGEMENT PL AN





Whale Tail Pit

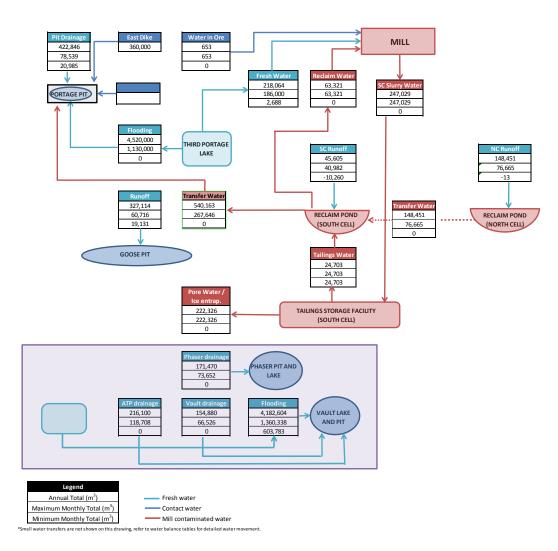
#### 2021





Whale Tail Pit

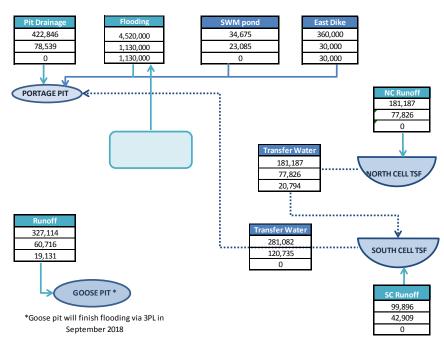
#### 2022

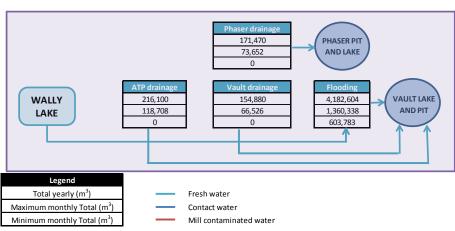




Whale Tail Pit

#### 2023-2024

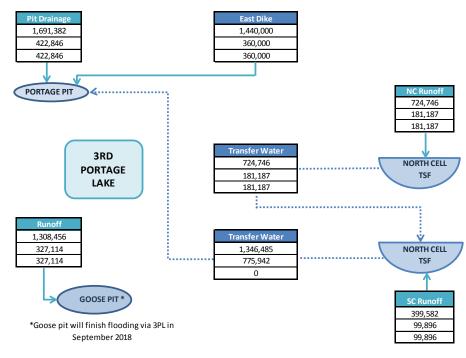


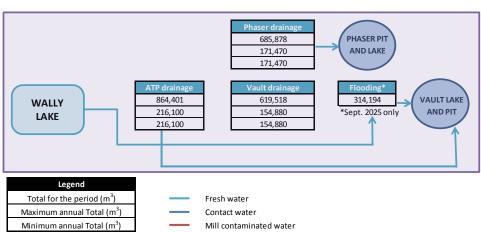




Whale Tail Pit

#### 2025-2028

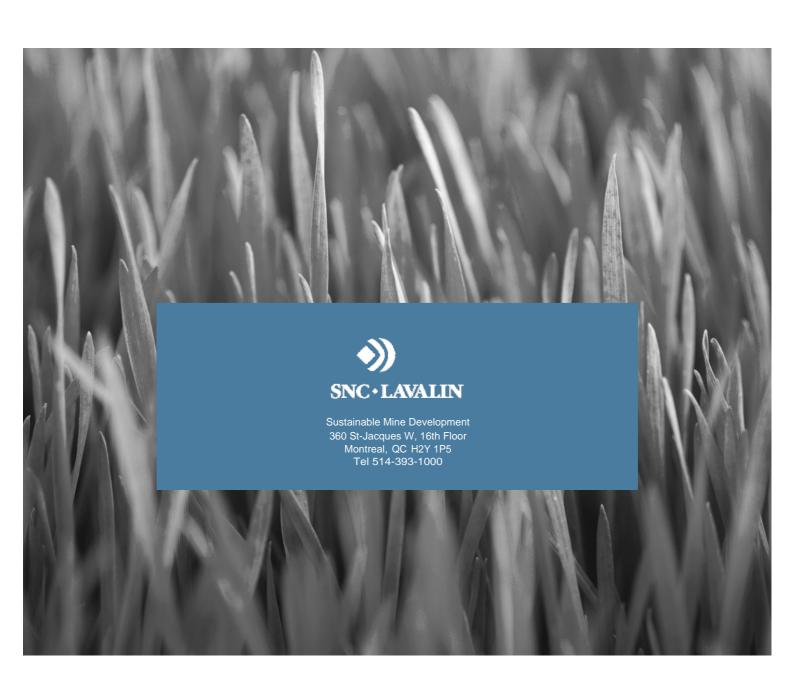






Whale Tail Pit

Appendix F • Tailings Storage Facility Expansion Project Phase 1- Water Quality Assessment





#### SNC-LAVALIN INC.

1140 De Maisonneuve West Blvd Montreal, QC Canada H3A 1M8 Tel: (514) 393-1000 Fax: (514) 390-2765

Montreal, March 11th, 2016

Mr. Michel Groleau

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

Subject: Tailings Storage Facility Expansion Project Phase 1 - Water Quality Assessment

Technical Report

Our file: 630707-0000-40ER-0001-01

Dear Mr. Groleau,

We are pleased to submit the revision 01 of the report mentioned above.

Do not hesitate to communicate with the undersigned should you have further questions regarding the content of this report.

Regards,

SNC LAVALIN INC.

Anh-Long Nguyen, Eng. Project Manager Sustaining Capital Works

Mining and Metallurgy

Genevieve Beaudoin-Lebeuf, Eng. Water Treatment Specialist Sustaining Capital Works Mining and Metallurgy

XX/xx



#### **LIST OF REVISIONS**

Revi	Revision			Revised	Remarks	
#	Prep.	Арр.	Date	pages	Remarks	
PA	GBL	ALN	2015-12-14	All	For internal review	
РВ	GBL	ALN	2015-12-15	All	For Client review	
00	GBL	ALN	2015-12-22	All	For Client review	
01	GBL	ALN	2016-03-11	All	For use	

#### **NOTICE TO READER**

This document contains the expression of the professional opinion of SNC-Lavalin Inc. ("SNC-Lavalin") as to the matters set out herein, using its professional judgment and reasonable care. It is to be read in the context of the agreement dated June 19, 2015 (the "Agreement") between SNC-Lavalin and Agnico Eagle Mine (the "Client") and the methodology, procedures and techniques used, SNC-Lavalin's assumptions, and the circumstances and constraints under which its mandate was performed. This document is written solely for the purpose stated in the Agreement, and for the sole and exclusive benefit of the Client, whose remedies are limited to those set out in the Agreement. This document is meant to be read as a whole, and sections or parts thereof should thus not be read or relied upon out of context.

SNC-Lavalin has, in preparing estimates, as the case may be, followed accepted methodology and procedures, and exercised due care consistent with the intended level of accuracy, using its professional judgment and reasonable care, and is thus of the opinion that there is a high probability that actual values will be consistent with the estimate(s). Unless expressly stated otherwise, assumptions, data and information supplied by, or gathered from other sources (including the Client, other consultants, testing laboratories and equipment suppliers, etc.) upon which SNC-Lavalin's opinion as set out herein are based have not been verified by SNC-Lavalin; SNC-Lavalin makes no representation as to its accuracy and disclaims all liability with respect thereto.

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## 1.0 INTRODUCTION

# 1.1 Context

Agnico Eagle Mines Limited, Meadowbank Division (AEM) is proposing to develop Whale Tail Pit, a satellite deposit on the Amaruq property, as a continuation of mine operations and milling at the Meadowbank Mine. The Amaruq Exploration property is a 408 km² site located on Inuit Owned Land, approximately 150 km north of the Hamlet of Baker Lake and approximately 50 km northwest of the Meadowbank Mine in the Kivalliq region of Nunavut.

AEM is looking to extend the life of the mine by constructing and operating Whale Tail Pit and processing the ore at the Meadowbank Mine Site. The additional tailings generated from the Whale Tail Pit operation will be deposited in the existing TSF (North Cell and South Cell).

## 1.2 Mandate

SNC-Lavalin (SLI) was mandated by AEM to perform a preliminary assessment of the water quality forecast in the Goose and Portage pits at closure based on the water balance developed by AEM that incorporates the additional tailings from Whale Tail Pit deposited in the existing TSF (North and South Cells).

# 1.3 Study Objectives

The objectives of this report are the following:

- Review the water qualities and water balance models provided by AEM;
- Update the water quality forecasting model accordingly;
- ☐ Analyze the results for the parameters of concern supported by graphs prepared by SLI;
- Review the results at closure with the use of geochemical tools like the software program PHREEQC (USGS 2013);
- ☐ Identify different treatment options that could be implemented depending on the water quality
- Produce a Technical Report presenting findings and our interpretation.

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# 2.0 WATER MANAGEMENT PLAN STUDIED

AEM developed a tailings deposition plan to manage the additional tailings from Whale Tail Pit within the existing North and South Cell Tailings Storage Facility (TSF). As part of this study, AEM developed a water management plan (WMP) that incorporates the Whale Tail Pit development project. Table 2-1 summarizes the preliminary schedule used for the WMP that incorporates the Whale Tail Pit development project.

Table 2-1: Schedule of Water Management Phases for the TSFE Phase 1 Project

TSFE PHASE 1 – WHALE TAIL PIT			
ACTIVITY <sup>1</sup>	Start Date	End Date	
Pits Mining and Processing at Mill			
Portage Pit	Jan.2010	Sept. 2018	
Pit A (North)	Jan. 2010	Sept. 2018	
Pit B, C, D (Central)	Jan. 2010	Apr. 2013	
Pit E (South)	Jan. 2010	July 2016	
Goose	Apr. 2012	Oct. 2015	
Vault	Jan. 2014	Sept. 2018	
Phaser (including potentially BB Phaser)	July 2017	Sept. 2018	
Whale Tail	July 2019	Jan. 2022	
Tailings Storage Facility Operations			
North Cell TSF	Jan. 2010	Oct. 2015	
North Cell TSF with Whale Tail Tailings	July 2019	Sept. 2021	
South Cell TSF	Dec. 2014	Sept. 2018	
South Cell TSF with Whale Tail Tailings	Oct. 2019	Jan. 2022	
Rock Storage Facility			
Portage RSF	Jan. 2009	March 2023	
Vault RSF	Jan. 2014	Oct. 2018	

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<sup>&</sup>lt;sup>1</sup> Periods are given from the beginning of the starting month to the end of the ending month.



		9000 TPD FROM (Nov. 2015 Model)
ACTIVITY <sup>1</sup>	Start Date	End Date
Attenuation/Reclaim Ponds Water Management		
Attenuation Pond (South Cell) <sup>2</sup>	Jan. 2009	Nov. 2014
Attenuation Pond (Vault Lake)	July 2014	Sept. 2018
Other Activities		
Dewatering of Vault	June 2013	June 2014
Dewatering of Phaser Lake	Sept. 2016	Oct. 2016
Flooding of Portage Pit with 3PL water	Jun. 2019	Sep. 2025
Flooding of Goose Island Pit with 3PL water	Jun. 2018	Aug. 2018
Flooding of Vault Pit	Mar. 2018	Oct. 2023
Flooding of Phaser Pit	June 2018	Oct. 2023
Flooding Period Completed	NA	Dec. 2028
Breaching of dykes	2029, only if water	er criteria are met

<sup>&</sup>lt;sup>2</sup> After Nov. 2014, the Reclaim Pond is relocated in the South Cell TSF and the Attenuation Pond is combined with the Reclaim Pond. After this date, there is no Attenuation Pond.

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# 3.0 WATER QUALITY ASSESSMENT

# 3.1 Mass Balance Model

### 3.1.1 Description

The updated water quality mass balance model used during this study was developed to help forecast trends in water quality in the Portage Area of Meadowbank for different parameters of interest from September 2014 to mine closure in 2029. The model forecasts the approximate concentrations in the North and South Cells and in the pits on a monthly time step, until 2029. This model was initially developed for the "Water Quality Forecast for 2012-2025" study in March 2012 based on the water balance, and is updated once a year using the updated water balance developed by AEM. It was updated for the last time in January 2015 for the following mandate: "Meadowbank Water Quality Forecasting Update Based on the 2014 Water Management Plan".

The water quality forecast model has the following characteristics:

The model uses a flow and mass balance approach to forecast the concentration of d	lifferent
parameters in the water column;	

- ☐ The model uses the monthly Reclaim Ponds surface areas defined by the deposition and closure plan;
- □ Dissolved concentration values are used in the model. The model assumes that the solid fraction in the water column will filter out in the tailings and/or settle out in the TSF;
- Conservation of mass is assumed for all parameters except for cyanide;
- Cyanide volatilization in the summer months is modeled;
- The main contaminant load reporting to the TSF Reclaim Ponds is from the mill effluent.

The forecasting of dissolved metals, nitrate and cyanide concentrations in the North and South Cell TSF Reclaim Ponds is based on a mass balance around the ponds performed on a monthly basis. The initial concentration in the Reclaim Ponds is based on the value forecasted in the previous month. The concentration of contaminant in the mill effluent is assumed to be constant from month to month, considering that the tailing water undergoes a cyanide destruction step that operates at an alkaline pH. Under such treatment conditions, the total cyanide concentration will be reduced and any dissolved metals present will precipitate out of solution as a metal hydroxide. For simplification purposes, the nitrate concentration in the mill effluent is assumed to be constant. Figure 3-1 schematically summarizes the mass balance approach used to forecast these parameters in the TSF Reclaim Ponds.

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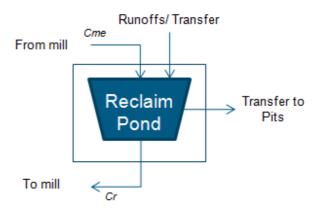


Figure 3-1: Mass balance for dissolved metals, nitrate and cyanide

For the forecasting of sulphates, chlorides and ammonia concentrations in the TSF Reclaim Ponds, the assessment considers a water/mass balance on a monthly basis around the mill and the Reclaim Ponds. Based on existing water quality data, these parameters have been shown to accumulate over time in the TSF Reclaim Ponds since they are not removed at the cyanide destruction step. Sulphate is generated from the oxidation of the sulfide present in the ore, while ammonia is generated from the hydrolysis of cyanate (i.e. end product of the cyanide destruction system). Chlorides are present in the salt added seasonally for deicing. The contaminant load for these parameters is added to the mill effluent on a monthly basis and accumulates over time. For simplification purposes, no nitrification of ammonia is assumed to occur in the TSF Reclaim Ponds during the summer months. Figure 3-2 schematically summarizes the mass balance approach used to forecast these parameters.

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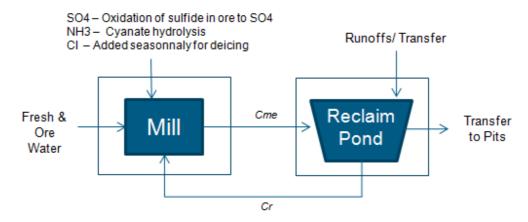


Figure 3-2: Mass balance for sulphate, chlorides and ammonia

#### 3.1.2 Assumptions

In addition to the assumptions presented in Section 3.1.1, the following assumptions were used in the development of the mass balance model of Meadowbank:

- In order to simplify the model, the North and South Cell TSF Reclaim Ponds and the Portage and Goose pits are assumed to be completely mixed systems;
- ☐ The tailings in the TSF are assumed not to undergo significant amounts of sulphide oxidation. Refer to Section 3.1.4 for further discussion on this topic;
- ☐ The pH in the TSF Reclaim Ponds is, on average, 8 during the summer months, and, on average, 7.9 for the first half of the year (January to July 2014).
- In order to simplify the mass balance model, the parameters of interest are assumed to be inert: they do not degrade or react with other elements in the system, with the exception of cyanide.
- Cyanide:

For cyanide, it is assumed that the mill effluent meets AEM's CN-WAD operational target of 16.3 mg/L at all times, based on the latest mill effluent sample.

The total cyanide in the TSF Reclaim Ponds is comprised of free cyanide and metal-cyanide complexes (weak and strong metal cyanide complexes). As per discussions with AEM, most of the iron- and metal-cyanide complexes are precipitated in the mill. However, since the reaction is not complete or perfect, some dissolved iron- and metal-cyanide complexes are expected to remain in the mill effluent. Therefore it was assumed that 10% of the total

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cyanide concentration was bound as strong iron-cyanide complexes, and that another 10% of the total cyanide concentration was present as weak metal-cyanide complexes (cyanide bound with copper, zinc, and nickel). The remainder is present as free cyanide (i.e. HCN and CN<sup>-</sup>). This agrees with values observed at other gold mine tailings sites (Simovic, 1984). These same proportions are assumed to apply to cyanide at the mill effluent.

For this model, natural cyanide degradation is only considered for the summer months.

☐ For this analysis, it is assumed that no treatment will take place at the North and South Cell TSF Reclaim Ponds, nor at the Portage and Goose pits.

# 3.1.3 Updates and Modifications to the Model

The following updates and modifications were carried out on the water quality forecast model in order to properly represent the particularities of the new closure scenario studied in this mandate:

- ☐ The water balance model dated November 2015 by AEM was entered into the water quality model. This water balance model incorporates the Whale Tail tailings deposition.
- The model was updated to forecast the following parameters in order to better evaluate and confirm if any of them could become a parameter of concern at closure. The underlined parameters are currently the parameters of concern and their forecasted trends will be presented in graphs:

Physico-Chemical Parameters:

- Alkalinity
- Hardness
- Total dissolved solids

#### Cations:

- Aluminium (Al)
- Silver (Ag)
- Arsenic (As)
- Barium (Ba)
- Cadmium (Cd)
- Chrome (Cr)
- Manganese (Mn)
- Mercury (Hg)

- Molybdenum (Mo)
- Nickel (Ni)
- Lead (Pb)
- Selenium (Se)
- Zinc (Zn)
- Copper (Cu)
- Ammonia (NH<sub>3</sub>)
- <u>Iron (Fe)</u>

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#### Anions:

- Fluoride (F)
- Sulphate (SO<sub>4</sub>)
- Cyanide (CN)
- Nitrate (NO<sub>3</sub>)
- Chloride (CI)
- ☐ The water balance model takes into consideration the mining of Whale Tail Pit from 2020 to 2023.
- The water balance model also reflects the Downstream Pond water transfer to Goose Pit that occurred in 2015.

# 3.1.4 Tailings

For Meadowbank mining and milling, the assumption that the tailings originating from the Portage, Goose and Vault pits will not undergo significant amounts of sulphide oxidation has been based on the observation that iron staining is absent from tailings materials in the North Cell TSF which suggests minimal oxidation of the sulphide content of the tailings. This may be as a result of the water saturated conditions that prevail throughout the year in the North Cell TSF. Moreover, since tailings are frozen almost all year round, this suggests that little oxidation would be expected to occur. AEM has conducted both a laboratory based SFE Leach test and SPLP1312 leach test on a representative tailings sample from the Portage/Goose/Vault pits. However, as these tests are not representative of the leachable fraction upon oxidation of the sulphide content of the tailings in field conditions, an overview of a suitable field based program has been provided in Section 6.2.

AEM has also conducted some testing on a single ore sample from the Whale Tail Pit, including an SFE Leach test. Preliminary results indicate that the tailings from Whale Tail Pit could leach slightly higher concentrations of arsenic, copper and nickel than the tailings from Portage, Goose and Vault pits, and higher concentrations of chromium.

SFE leach test results obtained from Portage/Goose/Vault tailings and Whale Tail tailings were integrated into the water quality forecast model to account for possible loading from the leaching of the tailings deposited in the TSF for that month.

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#### 3.1.5 Limitations

The limitations of the Meadowbank water quality mass balance model and ensuing results and conclusions presented in this Technical Note are listed below:

- In order to simplify the model, the mass balance model assumes that the pond and pits are completely mixed systems. However, the results from this model provide only an indication of the concentrations in the ponds and pits and these should not be considered as absolute values at this time. Future monitoring of flows and water quality would need to be undertaken to validate this assumption.
- ☐ The mass balance model is based on the water quality analysis results provided by AEM:

Water quality data provided for ST-21 is taken from samples collected at the surface of the North Cell TSF Reclaim Pond. Therefore the concentrations provided by AEM for ST-21 may not be representative of the entire TSF Reclaim Ponds water quality.

The water quality data used to assess the future mill effluent while processing the Whale Tail Pit ore is based on a sample from a batch  $SO_2$ /air cyanide destruction bench scale test performed on a single ore sample from the area. This water sample may not be representative of the actual future water quality when the Whale Tail Pit will be in operation.

- ☐ The model does not make allowances for the impact that changes in the TSF (surface area, volume, tailings characteristics, etc.) will have on the TSF Reclaim Ponds water quality over time.
- It should be noted that at this point, given the limitations, assumptions and limited data currently available, the model should only be used as a preliminary means to evaluate the impact of the mill effluent on the future water quality in the North and South Cell TSF Reclaim Ponds and Portage and Goose pits.

#### 3.1.6 Input parameters

For this study, the water quality forecasting mass balance model was updated based on the following input data:

- ☐ Flows and volumes provided in the water balance developed by AEM, dated November 2015 with a production rate of 9000 tonnes of ore/day from the Whale Tail Pit;
- Assumptions presented below in Section 3.1.2;
- Water analyses for ST-21 (North Cell TSF Reclaim Pond) (sample taken on January 8<sup>th</sup>, 2015);
- Water analyses for ST-18 (South Cell TSF Attenuation Pond) (Average of 2011-2014);

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	Water analyses for Third Portage Lake (Average of East Basin in Summer 2015);
	Water analyses for the mill effluent (sample taken on October 15 <sup>th</sup> , 2015);
	Water analyses for the future mill effluent when Whale Tail Pit will be in operation (pilot test on March $30^{th}$ , 2015);
	Water analyses for ST-19 (Portage Pit) (Average of 2015);
	Water analysis for ST-20 (Goose Pit) (sample taken on August 9 <sup>th</sup> , 2015).
3.1	.6.1 Input Concentrations

Table 3-1 presents the input concentrations considered for the water quality forecast model for the Mill, Third Portage Lake, South Cell, North Cell, Goose Pit and Portage Pit. The concentrations are highlighted in red when they are above the CCME guidelines highlighted in green.

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Table 3-1: Input Concentrations Selected for the Mass Balance Model

Parameters	Units	MILL EFFLUENT	FUTUR MILL EFFLUENT (w/ Whale Tail)	RECLAIM ST-21 NORTH CELL	THIRD PORTAGE LAKE	RECLAIM SOUTH CELL ST-18	PORTAGE PIT ST-18	GOOSE PIT ST-20	CCME Guidelines
Basis of c	data used for model:	Sample taken in Oct. 15, 2015	Sample taken Mar 30, 2015 (Pilot test)	January 8, 2014	Average- East Basin Summer 2015	Avg 2011 à 2014	Average 2015	August 09, 2015	
Alkalinity	mg CaCO <sub>3</sub> /L	45	135	135	9.100	115.565	67.875	75	n/a
Hardness	mg CaCO <sub>3</sub> /L	2030	2030	1329	12	264.350	175.00	104.0000	n/a
Dissolved Aluminium (Al)	mg/L	0.043	0.54	0.072	0.0018	0.0097	0.0030	0.0030	0.1
Dissolved Silver (Ag)	mg/L	0.00161	0.000496	0.0001	0.000005	0.0023	0.00005	0	0.0001
Dissolved Arsenic (As)	mg/L	0.0493	0.33	0.021	0.0005	0.0035	0.0182	0.0003	0.005
Dissolved Barium (Ba)	mg/L	0.09	0.0851	0.0838	0.0037	0.0972	0.0101	0.0163	n/a
Dissolved Cadmium (Cd)	mg/L	4.59E-04	4.90E-05	1.34E-03	2.50E-06	2.13E-03	1.00E-05	1.00E-05	4.00E-05
Dissolved Chromium (VI)	mg/L	9.00E-05	1.17E-02	0	0.0001	0.0000	0	0.0003	1.00E-03
Dissolved Copper (Cu)	mg/L	5.28	5.28	9.053	0.0005	0.0042	0.0005	0.0003	0.002
Dissolved Iron (Fe)	mg/L	1.74	2.73	0.03	0.010	0.024	0.0063	0.0100	0.3
Dissolved Manganese (Mn)	mg/L	0.0116	0.186	0.0595	0.002	1.871	0.0814	0.0058	n/a
Dissolved Mercury (Hg)	mg/L	0.00005	0.000005	0.0002	0.000003	0.0002	0.00001	0.0001	0.000026
Dissolved Molybdenum (Mo)	mg/L	1.14	0.128	0.5826	0.0002	0.022	0.0405	0.0148	0.073
Dissolved Nickel (Ni)	mg/L	0.0894	0.0559	0.2525	0.001	0.018	0.020	0.009	0.025
Dissolved Lead (Pb)	mg/L	0.00061	0.0114	0.0016	0.00005	0.0023	0.00019	0.0002	0.001
Dissolved Selenium (Se)	mg/L	0.285	0.01	0.072	0.0001	0.002	0.0013	0.0005	0.001
Dissolved Zinc	mg/L	0.001	0.004	0.001	0.001	0.007	0.001	0.001	0.03
Ammonia (NH <sub>3</sub> )	mg N/L	+ 30/mth	+ 50/mth	36.8	0.019	6.884	2.569	0.570	0.855296
Chloride	mg/L	North Cell: Winter:+2K/mth Summer: +1K/mth South Cell: Winter: +700/mth Summer: +350/mth	Winter:+2K/mth Summer: +1K/mth	1035	0.79	43.1450	12.6250	13.7000	120
Fluoride (F)	mg/L	0.39	0.17	0.180	0.079	0.547	0.2400	0.5500	0.12
Nitrate (NO <sub>3</sub> )	mg N/L	22.8	6.05	25.500	0.033	8.293	9.0050	4.1100	2.94
Total Cyanide (CNt)	mg/L	16.3	16.3	8.330	0.0010	0.1738	0	0.0050	0.005
Sulphate (SO4)	mg SO4/L	+ 1100/mth	+ 3520/mth	2115.0000	5.1000	277.0750	120.1500	45.8000	n/a
Total dissolved solids	mg/L	North Cell: Winter:+4.4K/mth Summer: +2.8K/mth South Cell: Winter: +2.3Kmth Summer: +1.7K/mth	Winter:+6.9K/mth Summer: +5.3K/mth	1329	22.1250	739	400.875	217	n/a

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A couple of items to note on the parameters used for the updated water quality forecast model in this study:

- □ To evaluate the concentration of ammonia that may be added to the TSF Reclaim Ponds on a monthly basis, the difference in concentration of CN-WAD before and after the cyanide destruction system was evaluated. CN-WAD was removed and converted to cyanate (CNO-). Assuming that 100% of the cyanate is hydrolyzed to ammonia (NH<sub>3</sub>), it was evaluated that on average, approximately 30 mg N/L of ammonia was added to the mill effluent for Meadowbank exploitation, and 50 mg N/L of ammonia for the mining of Whale Tail Pit. For the purpose of the model, it is assumed that these concentrations of ammonia are added to the mill effluent every month. This additional ammonia load is added to the load already present in the reclaim water. The same concentration is added in the South Cell and North Cell.
- Based on the measured data, the chloride concentration continues to increase in the mill effluent. To account for this trend, it is assumed that 2,000 mg/L of chloride is added to the mill effluent every year during the "winter" months (October until May) and 1,000 mg/L every year during the "summer" months (June to September) in the North Cell, for operations at Meadowbank and Whale Tail Pit. For the South Cell, during Meadowbank operations, a concentration of 700 mg/L of chloride is added during the "winter" months and 350 mg/L during the "summer" months. For mining of Whale Tail Pit, the values are the same as for the North Cell. This additional chloride load is added to the load already present in the reclaim water. This value was evaluated by adjusting the model to fit with the measured chloride values in the Reclaim Ponds in 2014 and 2015.
- □ The sulphates are also accumulating in the mill effluent based on the measured data. After evaluating by adjusting the model to fit with the measured sulphate values, a concentration of 1,100 mg/L is assumed to be added to the mill effluent during Meadowbank exploitation and a concentration of 3,520 mg/L during mining of Whale Tail Pit. These values are the same for the North and South Cells.
- □ Table 3-2 summarizes the actual mill effluent water quality data and the bench scale test data obtained using Whale Tail ore. When comparing the mill effluent water quality data to the bench scale test data using Whale Tail ore, aside from sulphate concentration, the Whale Tail Pit concentrations for the different parameters are lower for the Whale Tail ore compared to the actual mill effluent values. Lower concentrations for parameters of concern in the Whale Tail mill effluent could lead to optimistic concentration values at closure. For this reason, it is assumed that the copper and cyanide concentrations are similar to the concentrations currently observed in the mill effluent.

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**Table 3-2: Input Concentrations Selected for the Mass Balance Model** 

PARAMETERS (mg/L)	Mill Effluent Sample Oct. 11, 12	Mill Effluent Sample Jan. 29, 14	Mill Effluent Sample Oct, 26, 14	Mill Effluent Sample Oct. 15, 15	Whale Tail Batch CN Detox Test March 2015
Total Cyanide	10.13	18.80	111	16.3	2.02
Dissolved Copper	7.07	7.8	6.795	5.28	0.0243
Dissolved Iron	0.83	0.8	0.14	1.74	2.73
Chloride	1375	2129	2199	1200	17
Sulphate	2683	2565	2400	2500	8000
Selenium	0.025	0.19	0.154	0.269	0.01

# 3.2 Water Quality Forecast Results

With the help of the water quality forecast mass balance model, the concentrations of parameters were forecasted in the Portage and Goose pits until December 2029, after the mine closure. December 2029 is the last month in the AEM water balance model.

Table 3-3 summarizes the forecasted concentrations and compares the values against the Canadian Council of Ministers of Environment (CCME) guidelines for the Protection of Aquatic Life, right before the breaching in December 2028. Any values in red indicate a concentration that is higher than the CCME recommended guideline.

Figures showing the changes in the concentrations of various parameters (cyanide, copper, iron, chromium, ammonia, nitrate, selenium, sulphate and chloride) in the North and South Cells TSF Reclaim Ponds and in the Portage and Goose pits can be found in Appendix A of this report.

The forecasted concentrations in the graphs are also compared with CCME guidelines, as well as the Water License limit and the Third Portage Lake 2015 water quality. Since there are no binding limits, the matter was discussed with AEM, and it was decided again that the CCME guidelines were the most suited guidelines for this project.

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Table 3-3: Forecasted Concentration in the Portage and Goose pits at Closure (December 2028)

			Scenario A				
PARAMETERS	UNITS	CCME GUIDELINES	PORTAGE PIT	GOOSE PIT	ASSUME COMPLETE MIXING OF BOTH PITS		
Alkalinity	mg CaCO₃/L	n/a	10.0	9.6			
Hardness	mg CaCO₃/L	n/a	24.3	22.5			
Total dissolved solids	mg/L	n/a	62.3	44.0			
Aluminium (Al)	mg/L	0.1	0.004	0.003			
Silver (Ag)	mg/L	0.0001	0.00001	0.00002			
Arsenic (As)	mg/L	0.005	0.002	0.001			
Barium (Ba)	mg/L	n/a	0.004	0.004			
Cadmium (Cd)	mg/L	0.00004	0.00001	0.00001			
Chromium (VI)	mg/L	0.001	0.003	0.00005	0.002		
Copper (Cu)	mg/L	0.002	0.018	0.024	0.019		
Iron (Fe)	mg/L	0.3	0.036	0.019			
Manganese (Mn)	mg/L	n/a	0.003	0.003			
Mercury (Hg)	mg/L	0.000026	0.000003	0.000003			
Molybdenum (Mo)	mg/L	0.073	0.002	0.006			
Nickel (Ni)	mg/L	0.025	0.0008	0.0010			
Lead (Pb)	mg/L	0.001	0.00009	0.00005			
Selenium (Se)	mg/L	0.001	0.0001	0.0014	0.0003		
Zinc	mg/L	0.03	0.001	0.001			
Ammonia (NH <sub>3</sub> ) (ionized)	mg N/L	0.86	0.45	0.33			
Chloride	mg/L	120	10.5	7.4			
Fluoride (F)	mg/L	0.12	0.08	0.08			
Nitrate (NO <sub>3</sub> )	mg N/L	2.94	0.08	0.15			
Sulphate (SO4)	mg SO4/L	n/a	47.0	19.0			
Total Cyanide (CNt)	mg/L	0.000005	0.000004	0.000			

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# 3.3 Discussions

#### 3.3.1 Forecasted Concentrations

The parameters with higher forecasted concentrations than the CCME guidelines are copper for both pits, chromium (VI) for Portage Pit and selenium for Goose Pit. The forecasted concentration for selenium in Goose Pit is very close to the CCME guidelines. The forecasted concentration for chromium in Portage Pit is very close to the CCME guideline. Forecasted copper concentrations however are high relative to the CCME guidelines.

The Portage and Goose pits will become hydraulically linked once the water level in both pits reaches 131 masl. Based on the lake data available and assumptions made in the original water quality modelling, the assumption is that both pits are well mixed. Complete mixing of both pits was assumed for those parameters and the model was updated to take this into account. The new concentrations are shown in a third column for each scenario. When the complete mixing of pits is considered, copper and chromium (VI) concentrations still do not meeting the guidelines, but the selenium concentration does. These values provide an indication of the possible attenuation, but this needs to be confirmed with further modeling and monitoring.

Furthermore, in 2015, water from the South Cell TSF Reclaim Pond was flowing through the Central Dike and accumulating in the downstream basin. The Downstream Dike water was pumped back to the South Cell TSF Reclaim Pond. This excess water was eventually transferred in 2015 to Goose Pit. This caused an increase in the load of most parameters in this pit, as seen in the graphs presented in the Appendix A. Given there were very few exceedances in Goose Pit, the impacts on the water quality at closure are not major for now, but they should be analyzed if other transfers are planned.

#### 3.3.2 Actual Concentrations vs Forecasted Concentrations in the North and South Cells

In the figures in Appendix A, measured concentrations taken in the North and South Cells TSF Reclaim Ponds in 2014 and 2015 are plotted against the forecasted concentrations in order to assess the accuracy of the model.

Based on this comparison, the following observations can be made:

- In general, the forecasted concentrations follow the same trend as the actual measure concentration.
- There have been some unforecasted peak copper concentrations, which match peaks in cyanide concentrations measured in the North Cell during the summer of 2015. This could be due to an operational issue with the cyanide destruction system. The operating pH could be too low, leading to higher cyanide concentrations and lower copper hydroxide precipitation. Besides these peaks, the copper actual concentrations vary many times between 0 and 10 mg/L, but stays within the range of the forecasted concentrations. However, South Cell's actual and forecasted concentrations trends are

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comparable. For cyanide, both South Cell and North Cell's forecasted trends are lower than the measured concentrations.

- For iron, both forecasted trends are slightly higher than the actual concentrations, and are more pronounced in the North Cell. This suggests that most of the iron is present as a particulate that settles out readily in the TSF.
- The nitrate measured concentrations in the North Cell vary often between 5 and 65 mg/L while the forecasted concentrations stays within the range of 10 to 55 mg/L within the same period. For the South Cell, the actual trends are a bit lower than the forecasted concentrations.
- For both the South and North Cells, the selenium measured concentration trends are slightly lower than the forecasted concentrations.
- The measured and forecasted concentrations for sulphate are similar.
- The forecasted chloride concentration in South Cell TSF Reclaim Pond matches the measured concentrations. For the North Cell, forecasted and actual concentrations are in the same range, but the actual measured values vary a lot more.
- For ammonia, forecasted and measured concentration trends for both the North and South Cells are somewhat similar.
- The total dissolved solids forecasted concentration trends are similar to the measured trends in both North Cell and South Cell.

For the 2015 Meadowbank Water Quality Forecast Update, the model will be adjusted for iron, chlorides, selenium and cyanide in order to better reflect the measured values taken in the North and South Cells.

#### 3.3.3 General Comments

The model used to forecast these concentrations is based on performing a mass balance only around the North and South Cell TSF ponds and the Portage and Goose pits. It does not take into account any geochemical reactions that could help precipitate or co-precipitate some elements, thus further reducing the concentration of certain parameters in the water column. Consequently, the results of the forecast model presented in this section can be considered conservative, since it assumes no loss of load from month to month.

In the following section of the report, the impact of geochemical reactions on equilibrium concentrations in the water column will be evaluated and discussed.

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# 4.0 GEOCHEMICAL MODELLING

# 4.1 General

The following section presents the results from the geochemical modelling done using the forecasted water quality model results presented in Section 3.0.

The purpose of this exercise is to determine resulting bio-available concentrations of contaminants in the water column once total suspended solids have settled and chemical equilibrium is reached (i.e. account for processes such as mixing, gas phase equilibrium, adsorption and mineral precipitation that are likely to affect liable concentrations of metals, metalloids and sulphate).

# 4.2 Methodology

The USGS geochemical modelling tool PHREEQC (USGS 2015) was used to evaluate the equilibrium concentration in the water column for two periods: (1) in the North and South Cell TSF Reclaim Ponds at the end of September 2018 and (2) at closure in the Portage and Goose pits in December 2028. The inputs to the model were the forecasted concentrations evaluated using the forecasted water quality mass balance model discussed in Section 3.

# 4.3 Assumptions

The following assumptions were made when developing the geochemical model using the PHREEQC modeling tool:

- The concentrations used in the model are dissolved concentrations.
- ☐ The results obtained under equilibrium conditions assume that all of the total suspended solids have settled out of the water column.
- □ The tailings are assumed to be non-reactive in terms of oxidation of sulphide content, which is likely as long as there is a sufficiently deep water cover that is maintained over the tailings. As previously mentioned in Section 3.1.4, anecdotal information suggests the absence of iron staining of tailings materials in the North Cell TSF which infers that current oxidation of the sulphide content of the tailings is minimal.
- The Goose and Portage pits are assumed to be completely mixed systems.
- □ Input ammonia and nitrate are considered collectively as nitrate for the purpose of tracking total nitrogen as there is insufficient information to describe nitrification and denitrification pathways in these water bodies.
- Adsorption processes are limited to those associated with amorphous phase ferrihydrite.
- Gas phase equilibrium is limited to oxygen and carbon dioxide.

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Precipitating minerals are limited to those that would reach a positive saturation index.

# 4.4 Results

Table 4-1 presents the concentrations established by the water quality forecast modeling tool used as an input to the geochemical model and the forecasted equilibrium concentrations evaluated using the PHREEQC modeling tool after the end of Meadowbank operations in September 2018 in North and South Cells, and in Goose and Portage pits at closure in December 2028. The results are compared against the following:

- CCME guidelines for the Protection of Aquatic Life for all parameters other than total nitrogen.
- Total nitrogen has been compared with the threshold concentration for classification of an Oligotrophic lake in terms of nutrient concentrations (Nurnberg 1996). The basis of the use of this threshold concentration is that the various lake systems that surround the mine are considered Oligotrophic (Azimuth. 2015).

Any values highlighted in bright red indicate an equilibrium concentration at closure that is higher than the adopted guideline value, while a pale red value indicates a concentration forecasted by the water quality mass balance model that is higher than the adopted guideline value at closure.

The light gray and red font cells highlight parameters that exceed the CCME guidelines based on the forecasted concentration evaluated at the end of September 2018 (i.e. period before the beginning of Whale Tail Pit operation), while the dark grey cells for that same period indicate parameters where the equilibrium concentrations are higher than the CCME guidelines.

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Table 4-1: Forecasted Equilibrium Concentrations (Eq. Conc.) in the North and South Cells and Portage and Goose pits

				AT END SEPT. 2018						AT CLC	OSURE, BEFORE	BREACHING DEC. 2	028		
		ССМЕ	3rd PORTAGE LAKE	NO	RTH CELL	SOUTI	H CELL	MIXE	D PITS	PORT	AGE PIT	GOO	OSE PIT	MIXE	D PITS
PARAMETERS	UNITS	GUIDELINES	(avg. Summer 2015)	Mass Balance Conc.	PHREEQC Eq. Conc.	Mass Balance Conc.	PHREEQC Eq. Conc.								
рН				8.5	7.61	8.5	7.84	8.5	7.80	7.5	7.57	7.5	7.57	7.50	7.57
Alkalinity	mg CaCO₃/L	n/a	9.1	11	12	69	81	59.7	69.93	10	24	10	9	9.68	11.54
Hardness	mg CaCO₃/L	n/a	12	233	232	1546	1517	1335.8	1310.83	25	25	22	22	22.85	22.51
Total dissolved solids	mg/L	n/a	22.1	1661		4247		3832.1		64		44		47.39	
TDS equiv. calculated	mg/L			2333		6642		5950.7		100		50		58.47	
Sodium charge balance	mg/L			695		1535		1400.2		22		6		8.71	
Aluminium (AI)	mg/L	0.1	0.0018	0.0202	0.000208	0.118	0.000378	0.102343	0.0003507	0.00362	0.000166	0.00260	0.000163	0.002769	0.00016351
Silver (Ag)	mg/L	0.0001	0.000005	0.000255	0.000255	0.001615	0.001610	0.001397	0.001393	0.00000673	0.00000399	0.0000175	0.00000942	0.000016	0.00000850
Arsenic (As)	mg/L	0.005	0.0005	0.00857	0.00000440	0.0538	0.0000984	0.046510	0.0000833	0.00190	0.000000129	0.000843	0.00000004	0.001022	0.00000006
Barium (Ba)	mg/L	n/a	0.0037	0.0113	0.00794	0.0737	0.00466	0.06371	0.0051862	0.00392	0.00378	0.00419	0.00405	0.004148	0.00400427
Cadmium (Cd)	mg/L	0.00004	0.000003	0.000165	0.00004	0.000975	0.00068	0.00085	0.00058	0.00000912	0.00000021	0.0000108	0.00000023	0.000010	0.00000023
Chromium (VI)	mg/L	0.001	0.0001	0.0000208	0.00001	0.000127	0.00009	0.00011	0.00008	0.00299	0.00027	0.0000505	0.0000037	0.000549	0.00004936
Copper (Cu)	mg/L	0.002	0.0005	0.512	0.00027	3.489	0.00586	3.011	0.00497	0.0184	0.0000039	0.0236	0.0000050	0.0227	0.00000479
Iron (Fe)	mg/L	0.3	0.0100	0.196	0.00000011	1.304	0.000000008	1.126	0.0000001	0.0371	0.00000011	0.0186	0.00000011	0.021763	0.00000001
Manganese (Mn)	mg/L	n/a	0.0015	0.00313	0.0000000017	0.0188	0.0000000001	0.01631	0.0000000	0.00340	0.00000	0.00298	0.00000000007	0.003047	0.00000000
Mercury (Hg)	mg/L	0.000026	0.000003	0.00000151	0.0000012	0.00000891	0.00001	0.0000077	0.0000077	0.00000253	0.00000043	0.00000271	0.00000043	0.000003	0.00000043
Molybdenum (Mo)	mg/L	0.073	0.0002	0.119	0.11025	0.800	0.78918	0.691	0.68025	0.00159	0.00118	0.00551	0.00382	0.004841	0.00337140
Nickel (Ni)	mg/L	0.025	0.0006	0.00913	0.00139	0.062	0.0616	0.053	0.05194	0.000840	0.00002	0.000981	0.00002	0.000957	0.00002425
Lead (Pb)	mg/L	0.001	0.0001	0.0000671	0.00E+00	0.000447	0.00000019	0.000386	0.0000002	0.0000862	0.0000000037	0.0000542	0.00000000022	0.000060	0.00000000
Selenium (Se)	mg/L	0.001	0.0001	0.0300	0.0299	0.201	0.201	0.174	0.17350	0.000106	0.00011	0.00139	0.00138	0.00117	0.00116
Zinc	mg/L	0.03	0.0010	0.000298	0.00001	0.00178	0.00028	0.00154	0.0002364	0.000969	0.00001	0.00101	0.000006	0.001003	0.00000652
Chloride	mg/L	120	0.79	602.3	602.3	1131.1	1131.0	1046.259	1046.2	10.8	10.8	7.4	7.4	8.0	7.97514036
Fluoride (F)	mg/L	0.12	0.079	0.096	0.096	0.582	0.582	0.504	0.504	0.0765	0.0765	0.083	0.083	0.082	0.08190602
Sulphate (SO4)	mg SO4/L	n/a	5.1	915.5	914.1	3293	3292	2911	2911	48.2	47.8	19.0	18.8	23.9	23.67912699
Total Cyanide (CNt)	mg/L	0.005	0.001	3.97E-10	7.70E-11	2.32	0.825	1.950	0.69	0.00000411	0.00000057	0.0000019	0.00000024	0.0000023	0.00000030
Ammonia (NH <sub>3</sub> ) (ionized)	mg N/L	0.86	0.019	19.9		73.0		64.5		0.454		0.326		0.347	0.00000000
Nitrate (NO₃)	mg N/L	2.94	0.033	2.573		17.1		14.8		0.0847		0.153		0.141	0.00000000
Total N equivalent	mg N/L	0.35	0.052	22.5	22.5	90.1	90.2	79.3	79.3	0.538	0.538	0.478	0.478	0.489	0.488

Notes:

<sup>&</sup>lt;sup>4</sup>Cells highlighted in "light or dark grey" indicated forecasted and eq. Conc. parameters respectively in the North and South Cells that are higher than CCME guideline.

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<sup>&</sup>lt;sup>1</sup>Assumes threshold concentration for Chromium (VI).

<sup>&</sup>lt;sup>2</sup>Uses threshold concentration for classification of an Oligotrophic lake in terms of nutrient concentrations (Nurnberg 1996).

<sup>&</sup>lt;sup>3</sup>Cells in "pale or bright red" indicate forecasted and equilibrium concentration respectively at closure that are higher than CCME guidelines.



# 4.5 Discussion

Modeling of equilibrium conditions predicts that the following soluble constituents will be removed from solution to a significant extent as a result of the precipitation of various oxides, hydroxides, co-precipitates and adsorption to amorphous ferrihydrite: aluminum, arsenic, cadmium, chromium, copper, iron, manganese, mercury, nickel, lead, zinc and cyanide.

The following constituents are predicted not to undergo a significant lowering in soluble concentration as a result of the same geochemical processes: silver, barium, molybdenum, selenium, total nitrogen, chloride, fluoride and sulphate.

## North & South Cells in 2018

From October 2018 to June 2019, no ore will be processed through the mill, as the Meadowbank Mine operations will have ended, and Whale Tail Pit operations will not have started yet. Therefore, no tailings deposition will occur in the North and South Cell TSF.

A simulation was performed with the geochemical tool PHREEQC to evaluate the dissolved fraction of the different constituents that will remain in solution at equilibrium. The results are presented in Table 4-1. It is observed that there is some decrease in the concentrations of most parameters of concern. However, for most of parameters, it is not enough to meet the CCME guidelines. It is noted that there are more parameters of concerns that do not meet the guidelines in the South Cell than in the North Cell.

## Portage and Goose Pits in 2028

Another geochemical simulation was performed using the forecasted concentrations of December 2028, before the breaching of dykes begins between Goose Pit, Portage Pit and Third Portage Lake in 2029. The parameters of concern that do not meet the guidelines with the mass balance approach were presented in Section 3-2, which are copper in both pits, chromium (VI) in Portage Pit and selenium in Goose Pit. Total nitrogen was also added to the list of parameters and does not meet the CCME guidelines for both pits with the mass balance approach.

When modeling these parameters, the predicted equilibrium concentrations exceed the CCME guideline for total nitrogen in both pits, and for selenium in Goose Pit. It should be noted that the concentrations of these parameters are only slightly lower at equilibrium.

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# 5.0 TREATMENT REQUIREMENTS

Based on the results of the water quality mass balance presented in Section 3 and the PHREEQC model presented in Section 4, treatment may be required for metal removal (primarily for selenium but potentially for other metals as well if the assumption that there is no resuspension of solids is not accurate) and ammonia (to reduce total nitrogen). Treatment could be ideally undertaken at the South Cell and the North Cell TSF Reclaim Ponds.

If high selenium concentrations persist, different treatment methods based on the adsorption process may be considered, such as: iron co-precipitation, zero valent iron (oxidation), ion exchange, activated alumina or carbon.

If it is required to ensure that all metals are precipitated out, treatment for other metals (ie: copper) should be planned. It may be removed through pH adjustment: caustic or lime can be added to the effluent to increase the pH to 9, causing the formation of metal hydroxide precipitates, which settle out. The different treatment options that may be considered to implement the precipitation of metals other than selenium are listed below:

- ☐ The existing Attenuation Pond water treatment plant (WTP) can be modified for metal precipitation with the addition of a lime or sodium hydroxide dosing system. The water will be eventually transferred from the North Cell to the South Cell TSF Pond. Then, the water could be pumped from the South Cell TSF pond to the WTP for treatment, and be recirculated back to the pond. Note that the average pH in 2015 in the Attenuation Pond was 7.97.
- □ Treatment in situ at South Cell TSF Reclaim Pond or at Portage and Goose pits. Lime or sodium hydroxide would be added in the pit, and the solids would settle in the pond.
- ☐ Increase the pH of the tailings water at the cyanide destruction system to favour the precipitation of dissolved metals as metal hydroxides so that they can settle out in the TSF.

If ammonia concentrations are too high, ammonia can be removed through a variety of treatment methods:

- In-situ aeration during the summer months;
- Biological treatment;
- Chemical oxidation;

- Membrane processes such as reverse osmosis;
- Ion exchange.

These technologies should be studied and evaluated in detail to determine if they are applicable to site and effluent conditions at Meadowbank. Laboratory and/or in-situ pilot tests should also be considered to validate the treatment method selected.

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# 6.0 CONCLUSIONS

SNC-Lavalin was mandated by AEM to perform a preliminary assessment of the water quality forecast in Goose and Portage pits at closure based on the water balance developed by AEM that incorporates the additional tailings from Whale Tail Pit deposited in the existing TSF (North and South Cells).

The results of this feasibility assessment demonstrated the following:

- With regard to the water quality forecast in the pits at closure using a mass balance approach, the results show higher concentrations than the CCME guidelines for copper in both pits, chromium (VI) in Portage Pit and selenium in Goose Pit. When both pits are completely mixed, copper and selenium are still above the CCME guidelines;
- Chromium was not identified as a parameter of concern when assessing the water quality forecast with only tailings from Meadowbank only.
- □ In 2018, before Whale Tail Pit operations begin, many parameters could be above the CCME guidelines in North and South Cell TSF Reclaim Ponds based on the mass balance forecast approach. When evaluating the equilibrium concentrations using the geochemical modelling tool, some concentrations decrease, but in most cases, not enough to reach concentrations below the CCME guidelines;
- At closure, when evaluating the equilibrium concentrations using the geochemical modelling tool, the parameters of concern that remain above the CCME guidelines in the Goose and Portage pits are selenium and total nitrogen. Therefore these two parameters should be closely monitored and treatment should be considered in the event that these two parameters remain elevated in the TSF Reclaim Ponds. More accurate data on the Whale Tail tailings should be collected before a treatment strategy is developed.

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# 7.0 PERSONNEL

This report has been prepared by Geneviève Beaudoin-Lebeuf. We trust that this report is to your satisfaction. Should you have any questions, please do not hesitate to contact me.

# **Anh-Long Nguyen**

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# **Water Quality Forecasting Figures**

# **APPENDIX A**

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