



Life of Mine Water Balance Summary Sheet, Jericho Diamond Mine, Nunavut

15-Aug-11

Month - Year	Days in Month	Monthly Percentage of Runoff (%)	Monthly Lake Surface Evaporation (mm/m ²)	Net Water Volume from Pit to PKCA (m ³ /month)	Net Water Volume from Catchment Area A to PKCA (m ³ /month)	Net Water Volume from Catchment Area B to PKCA (m ³ /month)	Net Water Volume from Plant Site to PKCA (m ³ /month)	Water From Waste Water Treatment (m ³ /month)	Net Water Volume from PKCA Catchment to PKCA (m ³ /month)	Net Water Volume Discharge from PKCA to C3 (m ³ /month)	Reclaim Water to Mill (m ³ /month)	Water Remaining within the Fine PK Voids (m ³ /month)	Accumulative PKCA Water Storage (m ³)	PKCA Storage Increment (m ³)	Water To PKCA (m ³ /month)	Water Intake Volume from Carat Lake (m ³ /month)	Water Intake Volume from Carat Lake (m ³ /hr)
Aug - Year 1	31	10	57	5440	15825	4024	6936	837	7986	65700	7300	6364	217087				
Sep - Year 1	30	13	24	7072	20572	5231	9017	810	14607	89400	7150	6159	274033	56946	56500	7415	10
Oct - Year 1	31	1	0	544	1582	402	694	837	1319	0	0	6364	286424	12391	4541	15051	20
Nov - Year 1	30	0	0	0	0	0	0	810	0	0	0	6159	294021	7597	0	14565	20
Dec - Year 1	31	0	0	0	0	0	0	837	0	0	0	6364	301871	7850	0	15051	20
Jan - Year 1	31	0	0	0	0	0	0	837	0	0	0	6364	309721	7850	0	15051	20
Feb - Year 1	28	0	0	0	0	0	0	756	0	0	0	5748	316811	7090	0	13594	20
Mar - Year 1	31	0	0	0	0	0	0	837	0	0	0	6364	324661	7850	0	15051	20
Apr - Year 1	30	0	0	0	0	0	0	810	0	0	0	6159	332257	7597	0	14565	20
May - Year 1	31	3	14	1632	4747	1207	2081	837	2084	0	0	6364	351858	19601	11751	15051	20
Jun - Year 1	30	57	78	31006	90200	22937	39537	810	65559	175200	7150	6159	601544	249686	249240	7415	10
Jul - Year 1	31	16	97	8704	25319	6439	11098	837	4324	109500	7300	6364	657978	56434	55884	7751	10
Aug - Year 2	31	10	57	5440	15825	4024	6936	837	3233	65700	7300	6364	693985	36007	35458	7751	10
Sep - Year 2	30	13	24	7072	20572	5231	9017	810	13623	89400	7150	6159	749947	55961	55915	7415	10
Oct - Year 2	31	1	0	544	1582	402	694	837	1415	0	0	6364	762434	12487	4638	15051	20
Nov - Year 2	30	0	0	0	0	0	0	810	0	0	0	6159	770031	7597	0	14565	20
Dec - Year 2	31	0	0	0	0	0	0	837	0	0	0	6364	777880	7850	0	15051	20
Jan - Year 2	31	0	0	0	0	0	0	837	0	0	0	6364	785730	7850	0	15051	20
Feb - Year 2	28	0	0	0	0	0	0	756	0	0	0	5748	792820	7090	0	13594	20
Mar - Year 2	31	0	0	0	0	0	0	837	0	0	0	6364	800670	7850	0	15051	20
Apr - Year 2	30	0	0	0	0	0	0	810	0	0	0	6159	808627	7597	0	14565	20
May - Year 2	31	3	14	1632	4747	1207	2081	837	1182	0	0	6364	826965	18699	10849	15051	20
Jun - Year 2	30	57	78	31006	90200	22937	39537	810	65086	175200	7150	6159	1076179	249213	248767	7415	10
Jul - Year 2	31	16	97	8704	25319	6439	11098	837	8101	109500	7300	6364	1136389	60210	59660	7751	10
Aug - Year 3	31	10	57	5440	15825	4024	6936	837	6173	65700	7300	6364	1175336	38947	38397	7751	10
Sep - Year 3	30	13	24	7072	20572	5231	9017	810	14418	89400	7150	6159	1232093	56756	56310	7415	10
Oct - Year 3	31	1	0	544	1582	402	694	837	1321	0	0	6364	1244486	12393	4544	15051	20
Nov - Year 3	30	0	0	0	0	0	0	810	0	0	0	6159	1252083	7597	0	14565	20
Dec - Year 3	31	0	0	0	0	0	0	837	0	0	0	6364	1259932	7850	0	15051	20
Jan - Year 3	31	0	0	0	0	0	0	837	0	0	0	6364	1267782	7850	0	15051	20
Feb - Year 3	29	0	0	0	0	0	0	783	0	0	0	5953	1275125	7343	0	14080	20
Mar - Year 3	31	0	0	0	0	0	0	837	0	0	0	6364	1282975	7850	0	15051	20
Apr - Year 3	30	0	0	0	0	0	0	810	0	0	0	6159	1290572	7597	0	14565	20
May - Year 3	31	3	14	1632	4747	1207	2081	837	2319	0	0	6364	1310409	19837	11987	15051	20
Jun - Year 3	30	57	78	31006	90200	22937	39537	810	66471	175200	7150	6159	1561007	250599	250152	7415	10
Jul - Year 3	31	16	97	8704	25319	6439	11098	837	10865	109500	7300	6364	1623982	62974	62425	7751	10
Aug - Year 4	31	10	57	5440	15825	4024	6936	837	7880	65700	7300	6364	1664636	40654	40104	7751	10
Sep - Year 4	30	13	24	7072	20572	5231	9017	810	14770	89400	7150	6159	1721745	57109	56662	7415	10
Oct - Year 4	31	1	0	544	1582	402	694	837	1287	0	0	6364	1734104	12359	4509	15051	20
Nov - Year 4	30	0	0	0	0	0	0	810	0	0	0	6159	1741700	7597	0	14565	20
Dec - Year 4	31	0	0	0	0	0	0	837	0	0	0	6364	1749650	7850	0	15051	20
Jan - Year 4	31	0	0	0	0	0	0	837	0	0	0	6364	1757400	7850	0	15051	20
Feb - Year 4	28	0	0	0	0	0	0	756	0	0	0	5748	1764490	7090	0	13594	20
Mar - Year 4	31	0	0	0	0	0	0	837	0	0	0	6364	1772340	7850	0	15051	20
Apr - Year 4	30	0	0	0	0	0	0	810	0	0	0	6159	1779936	7597	0	14565	20
May - Year 4	31	3	14	1632	4747	1207	2081	837	2547	0	0	6364	1800000	20064	12214	15051	20
Jun - Year 4	30	57	78	31006	90200	22937	39537	810	66816	175200	7150	6159	2065094	250943	250497	7415	10
Jul - Year 4	31	16	97	8704	25319	6439	11098	837	11678	109500	7300	6364	2114731	63787	63238	7751	10
Aug - Year 5	31	10	57	5440	15825	4024	6936	837	7820	65700	7300	6364	2155325	40594	40044	7751	10
Sep - Year 5	30	13	24	7072	20572	5231	9017	810	14710	89400	7150	6159	2212374	57048	56602	7415	10
Oct - Year 5	31	1	0	544	1582	402	694	837	1297	0	0	6364	2224742	12369	4519	15051	20
Nov - Year 5	30	0	0	0	0	0	0	810	0	0	0	6159	2232339	7597	0	14565	20
Dec - Year 5	31	0	0	0	0	0	0	837	0	0	0	6364	2240189	7850	0	15051	20
Jan - Year 5	31	0	0	0	0	0	0	837	0	0	0	6364	2248038	7850	0	15051	20
Feb - Year 5	28	0	0	0	0	0	0	756	0	0	0	5748	2255129	7090	0	13594	20
Mar - Year 5	31	0	0	0	0	0	0	837	0	0	0	6364	2262978	7850	0	15051	20
Apr - Year 5	30	0	0	0	0	0	0	810	0	0	0	6159	2270575	7597	0	14565	20
May - Year 5	31	3	14	1632	4747	1207	2081	837	2701	0	0	6364	2280794	20219	12369	15051	20
Jun - Year 5	30	57	78	31006	90200	22937	39537	810	67070	175200	7150	6159	2541991	251197	250751	7415	10
Jul - Year 5	31	16	97	8704	25319	6439	11098	837	12565	109500	7300	6364	2606665	64674	64124	7751	10
Aug - Year 6	31	10	57	5440	15825	4024	6936	837	8258	65700	7300	6364	2647898	41033	40483	7751	10
Sep - Year 6	30	13	24	7072	20572	5231	9017	810	14823	89400	7150	6159	2704859	57162	56715	7415	10
Oct - Year 6	31	1	0	544	1582	402	694	837	1285	0	0	6364	2717217	12357	4508	15051	20
Nov - Year 6	30	0	0	0	0	0	0	810	0	0	0	6159	2724813	7597	0	14565	20
Dec - Year 6	31	0	0	0	0	0	0	837	0	0	0	6364	2732663	7850	0	15051	20
Jan - Year 6	31	0	0	0	0	0	0	837	0	0	0	6364	2740513	7850	0	15051	20
Feb - Year 6	28	0	0	0	0	0	0	756	0	0	0	5748	2747603	7090	0	13594	20
Mar - Year 6	31	0	0	0	0	0	0	837	0	0	0	6364	2755453	7850	0	15051	20
Apr - Year 6	30	0	0	0	0	0	0	810	0	0	0	6159	2763049	7597	0	14565	20
May - Year 6	31	3	14	1632	4747	1207	2081	837	2701	0	0	6364	2783410	20361	12369	15193	20
Jun - Year 6	30	57	78	31006	90200	22937	39537	810	67070	175200	7150	6159	3034823	251413	250751	7631	11
Jul - Year 6	31	16	97	8704	25319	6439	11098	837	12565	109500	7300	6364	3100351	65528	64124	8605	12
Aug - Year 7	31	10	57	5440	15825	4024	6936	837	8258	65700	7300	6364	3141821	41470	40483	8188	11
Sep - Year 7	30	13	24	7072	20572	5231	9017	810	14823	89400	7150	6159	3199067	57246	56715	7500	10
Oct - Year 7	31	1	0	544	1582	402	694	837	1285	0	0	6364	3211418	12350	4508	15044	20
Nov - Year 7	30	0	0	0	0	0	0	810	0	0	0	6159	3219014	7597	0	14565	20
Dec - Year 7	31	0	0	0	0	0	0	837	0	0	0	6364	3226864	7850	0	15051	20
Jan - Year 7	31	0	0	0	0	0	0	837	0	0	0	6364	3234714	7850	0	15051	20
Feb - Year 7	29	0	0	0	0	0	0	783	0	0	0	5953	3242057	7343	0	14080	20
Mar - Year 7	31	0	0	0	0	0	0	837	0	0	0	6364	3249907	785			