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Skyline Mine - Mine and Well Discharge - Sept 2019

Taylon Earl <TEarl@wolverinefuels.com> Wed, Oct 2, 2019 at 3:14 PM
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All:

Per Special Permit Condition #2 attached is the Skyline Mine monthly flow data for discharges into Eccles creek – updated through Sept 2019.

Thanks

Taylon Earl

Environmental Tech, Skyline Mine

Canyon Fuel Company, LLC

A Subsidiary of Wolverine Fuels, LLC
Skyline Mine

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2 attachments

Mine-James- Discharge Sept 2019.pdf
82K

Mine-James- Discharge.xls
4257K

		Scofield Reservoir Storage Capacity 73,600 ac-ft					Electric Lake Storage Capacity 31,500 ac-ft											
		ECCLES CREEK					**ELECTRIC LAKE**										**Discharge to Both Drainages**	
		Discharge to Eccles			Cumulative		JC-1 Well			Cumulative		JC-3 Well			Cumulative		Cumulative	
Month	Days	GPM	CFS	MGD	Gallons	Ac-Ft	GPM	CFS	MGD	Gallons	Ac-Ft	GPM	CFS	MGD	Gallons	Ac-Ft	Gallons	Acre-Feet
Feb-17	28	3,000	6.7	4.32	35,393,013,926	108,617	4,185	9.3	6.03	28,106,258,791	86,255	-	0.0	0.00	1,543,938,457	4,738	65,043,211,173	199,610
Mar-17	31	3,055	6.8	4.40	35,529,389,126	109,036	3,885	8.7	5.59	28,279,685,191	86,787	-	0.0	0.00	1,543,938,457	4,738	65,353,012,773	200,561
Apr-17	30	2,803	6.2	4.04	35,650,478,726	109,407	4,248	9.5	6.12	28,463,198,791	87,350	-	0.0	0.00	1,543,938,457	4,738	65,657,615,973	201,496
May-17	31	2,821	6.3	4.06	35,776,408,166	109,794	3,029	6.7	4.36	28,598,413,351	87,765	-	0.0	0.00	1,543,938,457	4,738	65,918,759,973	202,297
Jun-17	30	2,889	6.4	4.16	35,901,212,966	110,177	4,226	9.4	6.09	28,780,976,551	88,326	-	0.0	0.00	1,543,938,457	4,738	66,226,127,973	203,241
Jul-17	31	3,194	7.1	4.60	36,043,793,126	110,614	3,305	7.4	4.76	28,928,511,751	88,778	-	0.0	0.00	1,543,938,457	4,738	66,516,243,333	204,131
Aug-17	31	3,038	6.8	4.37	36,179,409,446	111,031	3,897	8.7	5.61	29,102,463,895	89,312	-	0.0	0.00	1,543,938,457	4,738	66,825,811,797	205,081
Sep-17	30	2,919	6.5	4.20	36,305,510,246	111,418	4,282	9.5	6.17	29,287,446,295	89,880	-	0.0	0.00	1,543,938,457	4,738	67,136,894,997	206,036
Oct-17	31	2,892	6.4	4.16	36,434,609,126	111,814	4,077	9.1	5.87	29,469,443,575	90,438	-	0.0	0.00	1,543,938,457	4,738	67,447,991,157	206,990
Nov-17	30	2,417	5.4	3.48	36,539,023,526	112,134	3,958	8.8	5.70	29,640,429,175	90,963	-	0.0	0.00	1,543,938,457	4,738	67,723,391,157	207,835
Dec-17	31	2,930	6.5	4.22	36,669,818,726	112,536	4,251	9.5	6.12	29,830,186,795	91,545	-	0.0	0.00	1,543,938,457	4,738	68,043,943,977	208,819
Jan-18	31	5,009	11.2	7.21	36,893,420,486	113,222	1,082	2.4	1.56	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	68,315,854,279	209,654
Feb-18	28	3,783	8.4	5.45	37,045,940,966	113,690	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	68,468,374,759	210,122
Mar-18	31	3,487	7.8	5.02	37,201,606,406	114,168	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	68,624,040,199	210,599
Apr-18	30	3,852	8.6	5.55	37,368,018,566	114,678	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	68,790,452,359	211,110
May-18	31	3,282	7.3	4.73	37,514,527,046	115,128	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	68,936,960,839	211,560
Jun-18	30	3,254	7.2	4.69	37,655,099,846	115,559	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	69,077,533,639	211,991
Jul-18	31	3,240	7.2	4.67	37,799,733,446	116,003	-	0.0	0.00	29,878,495,336	91,694	-	0.0	0.00	1,543,938,457	4,738	69,222,167,239	212,435
Aug-18	31	2,883	6.4	4.15	37,928,408,966	116,398	1,826	4.1	2.63	29,959,999,271	91,944	-	0.0	0.00	1,543,938,457	4,738	69,432,346,693	213,080
Sep-18	30	1,779	4.0	2.56	38,005,279,046	116,634	4,221	9.4	6.08	30,142,350,277	92,503	-	0.0	0.00	1,543,938,457	4,738	69,691,567,780	213,876
Oct-18	31	2,049	4.6	2.95	38,096,757,926	116,915	4,122	9.2	5.94	30,326,363,437	93,068	-	0.0	0.00	1,543,938,457	4,738	69,967,059,820	214,721
Nov-18	30	1,875	4.2	2.70	38,177,747,846	117,163	4,007	8.9	5.77	30,499,472,077	93,599	-	0.0	0.00	1,543,938,457	4,738	70,221,158,380	215,501
Dec-18	31	2,016	4.5	2.90	38,267,742,086	117,439	3,834	8.5	5.52	30,670,604,197	94,125	-	0.0	0.00	1,543,938,457	4,738	70,482,284,740	216,302
Jan-19	31	1,726	3.8	2.48	38,344,773,446	117,676	3,693	8.2	5.32	30,835,469,197	94,631	-	0.0	0.00	1,543,938,457	4,738	70,724,181,100	217,045
Feb-19	31	1,807	4.0	2.60	38,425,437,926	117,923	3,681	8.2	5.30	30,999,801,725	95,135	-	0.0	0.00	1,543,938,457	4,738	70,969,178,108	217,796
Mar-19	31	1,897	4.2	2.73	38,510,120,006	118,183	3,589	8.0	5.17	31,160,004,125	95,627	-	0.0	0.00	1,543,938,457	4,738	71,214,062,588	218,548
Apr-19	30	1,962	4.4	2.82	38,594,856,806	118,443	3,114	6.9	4.48	31,294,531,839	96,039	-	0.0	0.00	1,543,938,457	4,738	71,433,327,102	219,221
May-19	31	2,312	5.2	3.33	38,698,049,606	118,760	2,579	5.7	3.71	31,409,663,706	96,393	-	0.0	0.00	1,543,938,457	4,738	71,651,651,768	219,891
Jun-19	30	2,261	5.0	3.26	38,795,713,286	119,060	3,994	8.9	5.75	31,582,204,506	96,922	-	0.0	0.00	1,543,938,457	4,738	71,921,856,248	220,720
Jul-19	31	2,173	4.8	3.13	38,892,726,422	119,357	3,578	8.0	5.15	31,741,933,631	97,412	-	0.0	0.00	1,543,938,457	4,738	72,178,598,509	221,508
Aug-19	31	2,297	5.1	3.31	38,995,264,502	119,672	3,676	8.2	5.29	31,906,030,271	97,916	-	0.0	0.00	1,543,938,457	4,738	72,445,233,229	222,326
Sep-19	30	2,265	5.0	3.26	39,093,112,502	119,972	3,977	8.9	5.73	32,077,836,671	98,443	-	0.0	0.00	1,543,938,457	4,738	72,714,887,629	223,154