

RECEIVED

MAY 09 2024

OKLAHOMA WATER RESOURCES BOARD

May 6, 2024

Oklahoma Water Resources Board 3800 N. Classen Oklahoma City, OK 73118 (405) 530-8800

Consumptive Water Use Report – Quarter 1 2024 Mine L.E.-1565 – Covia Corporation – Roff Facility

Dear Sir or Madam:

Enclosed please find Covia's consumptive water use report for the first quarter of 2024. As noted on the attached worksheet, the plant remains below our allocated equal proportionate share.

If you have any questions or require any additional information, please contact me.

Respectfully, Jim Bonsall

Plant Manager

Consumptive Use of Pitwater Worksheet Quarter 1

2024

	Pit Groundwater Volume	Amount	(gallons)						
1	Total volume of water numbed from the producing mine pit(s)	193 446 900							
2	Volume of precipitation that falls onto the surface of water in the producing mining pit(s)	35.067.325		Area of Pit(s):	205	(acres)	Rainfall:	6.3	(inches)
3	Portion of total precipitation that flows over the land surfaces that drains into the mine bit water	42,215,316		Area of Watershed Drainage:	298	(Weighted CN:	78	
4	Other non-pit waters pumped from the producing mine pit	73,464,000		Retention Before Runoff (s):	2.9		Runoff:	3.80	
5	Add lines 2 through 4	150,746,641		Area of Watershed Drainage Kite:	89		Weighted CN Kite:	66	
6	Pit Groundwater Volume (Line 1 - Line 5)	42,700,259		Retention Before Runoff (s) Kite:	5.2		Runoff:	2.65	
	and the second			Area of Watershed Drainage HTC:	48		Weighted CN HTC:	78	
	Defined Elements of Consumptive Use	Amount	(gallons)	Retention Before Runoff (s) Kite:	2.7		Runoff:	3.92	
				· · · ·					
7	Volume of pit water that is driven off (by drying) the mined material transported off the mine site	3,549,029		Tons Mined:	295,989	% Moisture	5.0		
8	Volume of pit water that is carried away with the mined material transported off the mining site (shipped)	0							
	Volume of pit water that evaporates from the producing mine pit, process water ponds, and lined ponds								
9	(excluding structures used for augmentation)	0		Mesonet Pan Evaporation Method		0.08	Pan Evaporation (ins)		
10	Volume of pit water that is used for other beneficial uses off the mine site					0.7	Lake Evaporation Coefficient		
11	Defined Elements of Consumptive Use of Pit Groundwater (add Lines 7 through 10)	3,549,029		Evaporation Areas		514252	Wingard		
						2545511	J		
	Pit Groundwater Balance	Amount	(gallons)			819570	G		
12	Total groundwater from pit	39,151,231				0	Days		
13	Groundwater Augmentation (Volume of pit groundwater returned to the groundwater basic or sub basin)	0							
	Stream Augmentation (Volume of put groundwater discharged to a definite stream, during flow conditions								
14	that are less than or equal to 50% exceedance or median historic flows.								
15	Precipitation & Run-off (Volume of precipitation and surface run-off into a recharge pit or holding pond used		its						
15	for augmentation)		ed						
16	Recycled Pit Groundwater (Volume of pit groundwater returned to a mine pit or holding basin not included on	39 151 231	ບັ						
10	lines 7 through 10)								
17	Other Non-Consumptive Losses (Including pit groundwater returned to the land surface from which surface	0							
17	run-off flows into a mine pit, and other losses not included in lines 7 through 10								
18	Add lines 13 through 18	39,151,231							
19	Other Consumptive Use (adjusted) Line 12 minus 18	0							
			101 June 101						
	Total Reported Consumptive Use Of Pit	Amount	(gallons)						
21	Total Reported Consumptive Use Of Pit (add Line 11 and Line 19)	3,549,029							
	Facility's Equal Proportionate Share (EPS)	97,533,849		0.2	acre-feet	for	1,497 a	cres	

RECEIVED

MAY () 9 2024 OKLAHOMA WATER RESOURCES BOARD