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OCT 26 2023

Oklahoma Water Resources Board

October 19, 2023

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

Consumptive Water Use Report – Quarter 3 2023
Mine L.E.-1565 – Covia Corporation – Roff Facility

Dear Sir or Madam:

Enclosed please find Covia's consumptive water use report for the third quarter of 2023. 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,

A handwritten signature in black ink, appearing to read 'Jim Bonsall', written over a horizontal line.

Jim Bonsall
Plant Manager

Consumptive Use of Pitwater Worksheet Quarter 3

2023

Pit Groundwater Volume

| | | |
|-------------------------------------|---|--|
| 1 | Total volume of water pumped from the producing mine pit(s) | |
| 2 | Volume of precipitation that falls onto the surface of water in the producing mining pit(s) | |
| 3 | Portion of total precipitation that flows over the land surfaces that drains into the mine pit water | |
| 4 | Other non-pit waters pumped from the producing mine pit | |
| 5 | Add lines 2 through 4 | |
| 6 | Pit Groundwater Volume (Line 1 - Line 5) | |
| Defined Elements of Consumptive Use | | |
| 7 | Volume of pit water that is driven off (by drying) the mined material transported off the mine site | |
| 8 | Volume of pit water that is carried away with the mined material transported off the mining site (shipped) | |
| 9 | Volume of pit water that evaporates from the producing mine pit, process water ponds, and lined ponds (excluding structures used for augmentation) | |
| 10 | Volume of pit water that is used for other beneficial uses off the mine site | |
| 11 | Defined Elements of Consumptive Use of Pit Groundwater (add Lines 7 through 10) | |
| Pit Groundwater Balance | | |
| 12 | Total groundwater from pit | |
| 13 | Groundwater Augmentation (Volume of pit groundwater returned to the groundwater basin or sub basin) | |
| 14 | Stream Augmentation (Volume of pit groundwater discharged to a definite stream, during flow conditions 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 for augmentation) | |
| 16 | Recycled Pit Groundwater (Volume of pit groundwater returned to a mine pit or holding basin not included on lines 7 through 10) | |
| 17 | Other Non-Consumptive Losses (including pit groundwater returned to the land surface from which surface run-off flows into a mine pit, and other losses not included in lines 7 through 10) | |
| 18 | Add lines 13 through 18 | |
| 19 | Other Consumptive Use (adjusted) Line 12 minus 18 | |

Total Reported Consumptive Use Of Pit

21

Total Reported Consumptive Use Of Pit (add Line 11 and Line 19)

Facility's Equal Proportionate Share (EPS)

Amount (gallons)

283,652,700

35,623,949

43,233,637

30,120,000

108,977,586

174,675,114

Amount (gallons)

3,160,204

0

12,324,045

15,484,249

Amount (gallons)

159,190,865

0

0

159,190,865

0

0

Amount (gallons)

159,190,865

0

0

159,190,865

0

0

Amount (gallons)

15,484,249

97,533,849

(acres)

205

298

2.9

89

5.2

48

2.7

Tons Mined: 263,561

% Moisture

5.0

0.08

0.7

514252

2545511

819570

91

Days

Rainfall:

Weighted CN:

Runoff:

Weighted CN Kite:

Runoff:

Weighted CN HTC:

Runoff:

Pan Evaporation (ins)

Lake Evaporation Coefficient

Wingard

J

G

for

0.2

acre-feet

1,497

acres

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