

2023 ANNUAL REPORT

Report 2023

North Troy Quarry
 Mill Creek, OK
 Vulcan Materials Company

VMC North Troy 2023 Monitoring Report

All volumes are in acre-feet.

	All Water Pumped	Total Stormwater Entering Pit note(a)	Total Groundwater Diverted	Pit Water Sent To Holding Basin	Groundwater Augmentation	Streamwater Augmentation	Defined Elements of Consumptive Use of Pit Water	Streamwater Pumped From Mill Creek	Groundwater Pumped From Wells	Total Annual Groundwater Allocation, Ac-ft
January-23	499.50	12.03	487.48	6.50	497.74	0.00	8.01	0.00	0.00	219.50
February-23	525.00	27.20	497.81	9.00	518.39	0.00	5.12	0.00	0.00	219.50
March-23	582.00	39.31	542.69	23.00	565.24	0.00	8.01	0.00	0.00	219.50
1st QTR Totals	1606.50	78.53	1527.97	38.50	1581.36	0.00	21.14	0.00	0.00	N/A
April-23	611.00	16.84	594.17	24.00	589.17	0.00	8.89	0.00	0.00	219.50
May-23	501.00	24.79	476.21	75.00	431.74	0.00	8.83	0.00	0.00	219.50
June-23	642.00	50.59	591.41	70.00	574.71	0.00	8.28	0.00	0.00	219.50
2nd QTR Totals	1754.00	92.22	1661.78	169.00	1595.62	0.00	25.99	0.00	0.00	N/A
July-23	670.00	59.24	610.76	61.00	614.24	0.00	9.01	0.00	0.00	219.50
August-23	456.60	2.68	453.92	45.00	413.99	0.00	10.31	0.00	0.00	219.50
September-23	455.80	16.74	439.06	35.00	358.14	68.40	9.35	0.00	0.00	219.50
3rd QTR Totals	1582.40	78.67	1503.73	141.00	1386.36	68.40	28.67	0.00	0.00	N/A
October-23	304.90	59.85	245.05	26.50	2.52	278.40	7.28	0.00	0.00	219.50
November-23	334.80	13.41	321.39	24.70	5.24	310.10	4.46	0.00	0.00	219.50
December-23	359.49	8.79	350.70	24.00	2.17	335.49	4.53	0.00	0.00	219.50
4th QTR Totals	999.19	82.05	917.14	75.20	9.93	923.99	16.27	0.00	0.00	N/A
2023 Totals	5942.09	331.46	5610.63	423.70	4573.28	992.39	92.07	0.00	0.00	219.50
2023 Total (adj)	5942.09	331.46	5610.63	423.70	4573.28	992.39	92.07	0.00	0.00	219.50

1st Qtr notes
 2nd Qtr notes

3rd Qtr notes
 4th Qtr notes

(a) Total Stormwater = Volume of precipitation that falls into producing mine pit and volume of precipitation that falls onto producing mine and flows over the land surface into the mine pit.
 (adj) Annual total adjustment for stormwater carried over to next calendar year

Water Balance =	-378.74	Total Net Reported Consumptive Use
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OKLAHOMA WATER RESOURCES BOARD

2023 4th Quarter Report

Report 2023

North Troy Quarry

Mill Creek, OK

Vulcan Materials Company

VMC North Troy 2023 Monitoring Report

All volumes are in acre-feet.

	All Water Pumped	Total Stormwater Entering Pit note(a)	Total Groundwater Diverted	Pit Water Sent To Holding Basin	Groundwater Augmentation	Streamwater Augmentation	Defined Elements of Consumptive Use of Pit Water	Streamwater Pumped From Mill Creek	Groundwater Pumped From Wells	Total Annual Groundwater Allocation, Ac-ft
January-23	499.50	12.03	487.48	6.50	497.74	0.00	8.01	0.00	0.00	219.50
February-23	525.00	27.20	497.81	9.00	518.39	0.00	5.12	0.00	0.00	219.50
March-23	582.00	39.31	542.69	23.00	565.24	0.00	8.01	0.00	0.00	219.50
1st QTR Totals	1606.50	78.53	1527.97	38.50	1581.36	0.00	21.14	0.00	0.00	N/A
April-23	611.00	16.84	594.17	24.00	589.17	0.00	8.89	0.00	0.00	219.50
May-23	501.00	24.79	476.21	75.00	431.74	0.00	8.83	0.00	0.00	219.50
June-23	642.00	50.59	591.41	70.00	574.71	0.00	8.28	0.00	0.00	219.50
2nd QTR Totals	1754.00	92.22	1661.78	169.00	1595.62	0.00	25.99	0.00	0.00	N/A
July-23	670.00	59.24	610.76	61.00	614.24	0.00	9.01	0.00	0.00	219.50
August-23	456.60	2.68	453.92	45.00	413.99	0.00	10.31	0.00	0.00	219.50
September-23	455.80	16.74	439.06	35.00	358.14	68.40	9.35	0.00	0.00	219.50
3rd QTR Totals	1582.40	78.67	1503.73	141.00	1386.36	68.40	28.67	0.00	0.00	N/A
October-23	304.90	59.85	245.05	26.50	2.52	278.40	7.28	0.00	0.00	219.50
November-23	334.80	13.41	321.39	24.70	5.24	310.10	4.46	0.00	0.00	219.50
December-23	359.49	8.79	350.70	24.00	2.17	335.49	4.53	0.00	0.00	219.50
4th QTR Totals	999.19	82.05	917.14	75.20	9.93	923.99	16.27	0.00	0.00	N/A
2023 Totals	5942.09	331.46	5610.63	423.70	4573.28	992.39	92.07	0.00	0.00	219.50
2023 Total (adj)	5942.09	331.46	5610.63	423.70	4573.28	992.39	92.07	0.00	0.00	219.50

1st Qtr notes Production well electric issue - unable pump / no sample

2nd Qtr notes

3rd Qtr notes

4th Qtr notes

(a) Total Stormwater = Volume of precipitation that falls into producing mine pit and volume of precipitation that falls onto producing mine and flows over the land surface into the mine pit.

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July Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement **
Pit fringe (area drains to pit)	77.00	subject to refinement **
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in.	Runoff, in.	Runoff, in.	Evaporation, in.	Daily
1-Jul	0.00	0.00	0.00	0.2	Runoff formula
2-Jul	0.00	0.00	0.00	0.27	Pe = (P-0.2S)^2/(P+0.8S)
3-Jul	0.47	0.47	0.00	0.28	S = (1000/CN)-10
4-Jul	0.00	0.00	0.00	0.31	
5-Jul	0.00	0.00	0.00	0.3	Blue cells contain formulas
6-Jul	0.00	0.00	0.00	0.25	
7-Jul	0.20	0.20	0.00	0.15	
8-Jul	0.01	0.01	0.00	0.25	
9-Jul	0.34	0.34	0.00	0.21	
10-Jul	0.00	0.00	0.00	0.24	
11-Jul	3.39	3.39	2.17	0.23	
12-Jul	0.00	0.00	0.00	0.32	
13-Jul	0.07	0.07	0.00	0.34	
14-Jul	0.01	0.01	0.00	0.18	
15-Jul	0.02	0.02	0.00	0.15	
16-Jul	0.39	0.39	0.00	0.2	
17-Jul	0.00	0.00	0.00	0.29	
18-Jul	0.00	0.00	0.00	0.43	
19-Jul	0.00	0.00	0.00	0.38	
20-Jul	0.00	0.00	0.00	0.3	
21-Jul	0.00	0.00	0.00	0.22	
22-Jul	0.00	0.00	0.00	0.26	
23-Jul	0.00	0.00	0.00	0.26	
24-Jul	0.00	0.00	0.00	0.34	
25-Jul	0.00	0.00	0.00	0.39	
26-Jul	0.00	0.00	0.00	0.41	
27-Jul	0.00	0.00	0.00	0.4	
28-Jul	0.00	0.00	0.00	0.4	
29-Jul	0.00	0.00	0.00	0.33	
30-Jul	0.00	0.00	0.00	0.31	
31-Jul	0.00	0.00	0.00	0.32	
sum	4.90	4.90	2.17	8.92	
Volume, ac-ft		45.33	13.92		
Total Vol, ac-ft		59.24			Pan Evaporation from Sulphur Mesonet

August Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement **
Pit fringe (area drains to pit)	77.00	subject to refinement **
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in.	Runoff, in.	Runoff, in.	Evaporation, in.	Daily
1-Aug	0.00	0.00	0.00	0.39	Runoff formula
2-Aug	0.00	0.00	0.00	0.42	Pe = (P-0.2S)^2/(P+0.8S)
3-Aug	0.00	0.00	0.00	0.43	S = (1000/CN)-10
4-Aug	0.00	0.00	0.00	0.41	
5-Aug	0.00	0.00	0.00	0.38	Blue cells contain formulas
6-Aug	0.00	0.00	0.00	0.33	
7-Aug	0.00	0.00	0.00	0.34	
8-Aug	0.00	0.00	0.00	0.25	
9-Aug	0.04	0.04	0.00	0.25	
10-Aug	0.00	0.00	0.00	0.28	
11-Aug	0.00	0.00	0.00	0.38	
12-Aug	0.01	0.01	0.00	0.32	
13-Aug	0.00	0.00	0.00	0.36	
14-Aug	0.00	0.00	0.00	0.27	
15-Aug	0.00	0.00	0.00	0.28	
16-Aug	0.00	0.00	0.00	0.27	
17-Aug	0.00	0.00	0.00	0.44	
18-Aug	0.00	0.00	0.00	0.33	
19-Aug	0.00	0.00	0.00	0.34	
20-Aug	0.00	0.00	0.00	0.32	
21-Aug	0.00	0.00	0.00	0.32	
22-Aug	0.00	0.00	0.00	0.33	
23-Aug	0.00	0.00	0.00	0.29	
24-Aug	0.00	0.00	0.00	0.28	
25-Aug	0.00	0.00	0.00	0.31	
26-Aug	0.24	0.24	0.00	0.31	
27-Aug	0.00	0.00	0.00	0.33	
28-Aug	0.00	0.00	0.00	0.31	
29-Aug	0.00	0.00	0.00	0.28	
30-Aug	0.00	0.00	0.00	0.27	
31-Aug	0.00	0.00	0.00	0.29	
sum	0.29	0.29	0.00	10.11	
Volume, ac-ft		2.68	0.00		
Total Vol, ac-ft		2.68			Pan Evaporation from Sulphur Mesonet

September Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement
Pit fringe (area drains to pit)	77.00	subject to refinement
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in.	Runoff, in.	Runoff, in.	Evaporation, in.	Daily
1-Sep	0.00	0.00	0.00	0.34	Runoff formula
2-Sep	0.00	0.00	0.00	0.3	Pe = (P-0.2S)^2/(P+0.8S)
3-Sep	0.00	0.00	0.00	0.42	S = (1000/CN)-10
4-Sep	0.00	0.00	0.00	0.47	
5-Sep	0.00	0.00	0.00	0.42	Blue cells contain form
6-Sep	0.00	0.00	0.00	0.33	
7-Sep	0.00	0.00	0.00	0.31	
8-Sep	0.06	0.06	0.00	0.35	
9-Sep	0.01	0.01	0.00	0.27	Evap data from Sulphur Mesonet
10-Sep	0.00	0.00	0.00	0.26	
11-Sep	0.09	0.09	0.00	0.16	
12-Sep	0.28	0.28	0.00	0.07	
13-Sep	0.01	0.01	0.00	0.11	
14-Sep	0.46	0.46	0.00	0.13	
15-Sep	0.00	0.00	0.00	0.16	
16-Sep	0.00	0.00	0.00	0.17	
17-Sep	0.00	0.00	0.00	0.19	
18-Sep	0.00	0.00	0.00	0.25	
19-Sep	0.01	0.01	0.00	0.22	
20-Sep	0.13	0.13	0.00	0.23	
21-Sep	0.76	0.76	0.00	0.18	
22-Sep	0.00	0.00	0.00	0.22	
23-Sep	0.00	0.00	0.00	0.32	
24-Sep	0.00	0.00	0.00	0.19	
25-Sep	0.00	0.00	0.00	0.24	
26-Sep	0.00	0.00	0.00	0.18	
27-Sep	0.00	0.00	0.00	0.2	
28-Sep	0.00	0.00	0.00	0.25	
29-Sep	0.00	0.00	0.00	0.34	
30-Sep	0.00	0.00	0.00	0.3	
sum	1.81	1.81	0.00	7.58	
Volume, ac-ft		16.74	0.00		
Total Vol, ac-ft		16.74			Pan Evaporation from Sulphur Mesonet

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October Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement **
Pit fringe (area drains to pit)	77.00	subject to refinement **
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in	Runoff, in	Runoff, in	Evaporation, in	Daily	Quarry area		Fringe area	Daily
						Runoff, in	Evaporation, in		
1-Oct	0.00	0.00	0.00	0.26	0.26	Runoff formula			
2-Oct	0.00	0.00	0.00	0.28	0.28	Pe = (P-0.2S)^2/(P+0.8S)			
3-Oct	0.00	0.00	0.00	0.34	0.34	S = (1000/CN)-10			
4-Oct	2.53	2.53	1.41	0.19	0.19				
5-Oct	0.01	0.01	0.00	0.14	0.14				Blue cells contain formulas
6-Oct	0.00	0.00	0.00	0.23	0.23				
7-Oct	0.00	0.00	0.00	0.17	0.17				
8-Oct	0.00	0.00	0.00	0.17	0.17				
9-Oct	0.00	0.00	0.00	0.17	0.17				
10-Oct	0.00	0.00	0.00	0.2	0.2				Oct. Precip N. Troy Rain gauge
11-Oct	0.00	0.00	0.00	0.18	0.18				
12-Oct	0.00	0.00	0.00	0.1	0.1				
13-Oct	0.00	0.00	0.00	0.21	0.21				
14-Oct	0.00	0.00	0.00	0.15	0.15				
15-Oct	0.00	0.00	0.00	0.09	0.09				
16-Oct	0.00	0.00	0.00	0.12	0.12				
17-Oct	0.00	0.00	0.00	0.14	0.14				
18-Oct	0.00	0.00	0.00	0.23	0.23				
19-Oct	0.00	0.00	0.00	0.14	0.14				
20-Oct	0.00	0.00	0.00	0.16	0.16				
21-Oct	0.00	0.00	0.00	0.13	0.13				
22-Oct	0.00	0.00	0.00	0.15	0.15				
23-Oct	0.09	0.09	0.00	0.11	0.11				
24-Oct	1.42	1.42	0.52	0.05	0.05				
25-Oct	0.99	0.99	0.00	0.06	0.06				
26-Oct	0.07	0.07	0.00	0.14	0.14				
27-Oct	0.02	0.02	0.00	0.09	0.09				
28-Oct	0.00	0.00	0.00	0.04	0.04				
29-Oct	0.00	0.00	0.00	0.03	0.03				
30-Oct	0.00	0.00	0.00	0.11	0.11				
31-Oct	0.00	0.00	0.00	0.09	0.09				
sum	5.13	5.13	1.93	4.67	4.67				
Volume, ac-ft		47.45	12.39						
Total Vol, ac-ft		59.85							Pan Evaporation from Sulphur Mesonet

* Used Mesonet Pan Evaporation - Sulphur
Rainfall data

November Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement **
Pit fringe (area drains to pit)	77.00	subject to refinement **
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in	Runoff, in	Runoff, in	Evaporation, in	Daily	Quarry area		Fringe area	Daily
						Runoff, in	Evaporation, in		
1-Nov	0.00	0.00	0.00	0.09	0.09	Runoff formula			
2-Nov	0.00	0.00	0.00	0.15	0.15	Pe = (P-0.2S)^2/(P+0.8S)			
3-Nov	0.00	0.00	0.00	0.17	0.17	S = (1000/CN)-10			
4-Nov	0.00	0.00	0.00	0.15	0.15				
5-Nov	0.00	0.00	0.00	0.17	0.17				Blue cells contain formulas
6-Nov	0.00	0.00	0.00	0.19	0.19				
7-Nov	0.00	0.00	0.00	0.19	0.19				
8-Nov	0.00	0.00	0.00	0.25	0.25				
9-Nov	0.61	0.61	0.00	0.12	0.12				Nov. Precip N. Troy Rain gauge
10-Nov	0.00	0.00	0.00	0.15	0.15				
11-Nov	0.00	0.00	0.00	0.08	0.08				
12-Nov	0.00	0.00	0.00	0.07	0.07				
13-Nov	0.00	0.00	0.00	0.1	0.1				
14-Nov	0.00	0.00	0.00	0.08	0.08				
15-Nov	0.00	0.00	0.00	0.08	0.08				
16-Nov	0.00	0.00	0.00	0.07	0.07				
17-Nov	0.00	0.00	0.00	0.02	0.02				
18-Nov	0.00	0.00	0.00	0.07	0.07				
19-Nov	0.32	0.32	0.00	0.02	0.02				
20-Nov	0.23	0.23	0.00	0.09	0.09				
21-Nov	0.00	0.00	0.00	0.11	0.11				
22-Nov	0.00	0.00	0.00	0.07	0.07				
23-Nov	0.00	0.00	0.00	0.12	0.12				
24-Nov	0.00	0.00	0.00	0.09	0.09				
25-Nov	0.04	0.04	0.00	0.08	0.08				
26-Nov	0.03	0.03	0.00	0.07	0.07				
27-Nov	0.00	0.00	0.00	0.05	0.05				
28-Nov	0.00	0.00	0.00	0.09	0.09				
29-Nov	0.00	0.00	0.00	0.11	0.11				
30-Nov	0.22	0.22	0.00	0.05	0.05				
sum		1.45	1.45	0.00	3.15				
Volume, ac-ft		13.41	0.00						
Total Vol, ac-ft		13.41							Pan Evaporation from Sulphur Mesonet

* Used Mesonet Pan Evaporation - Sulphur
Rainfall data

December Precipitation/Evaporation Data

PIT RUNOFF ASSUMPTIONS		
Hydrologic Soil Group	D	
Land Use	gravel road	
AMC Condition	II (ave)	
CN (pit fringe)	88	area draining into pit
CN (pit)	100	area with direct interception
S (pit fringe)	1.363636	area draining into pit
S (pit)	0	area with direct interception
Pit - Direct Interception (>95 ft deep)	111.00	subject to refinement
Pit fringe (area drains to pit)	77.00	subject to refinement
Drainage to Pit (total area)	188.00	subject to refinement

Date	Precip, in	Runoff, in	Runoff, in	Evaporation, in	Daily	Quarry area		Fringe area	Daily
						Runoff, in	Evaporation, in		
1-Dec	0.02	0.02	0.00	0.03	0.03	Runoff formula			
2-Dec	0.02	0.02	0.00	0.05	0.05	Pe = (P-0.2S)^2/(P+0.8S)			
3-Dec	0.08	0.08	0.00	0.1	0.1	S = (1000/CN)-10			
4-Dec	0.00	0.00	0.00	0.06	0.06				
5-Dec	0.00	0.00	0.00	0.09	0.09				Blue cells contain form
6-Dec	0.00	0.00	0.00	0.11	0.11				
7-Dec	0.00	0.00	0.00	0.16	0.16				
8-Dec	0.00	0.00	0.00	0.17	0.17				
9-Dec	0.00	0.00	0.00	0.11	0.11				Dec. Precip N. Troy Rain gauge
10-Dec	0.00	0.00	0.00	0.06	0.06				
11-Dec	0.00	0.00	0.00	0.09	0.09				
12-Dec	0.00	0.00	0.00	0.1	0.1				
13-Dec	0.00	0.00	0.00	0.12	0.12				
14-Dec	0.00	0.00	0.00	0.16	0.16				
15-Dec	0.39	0.39	0.00	0.04	0.04				
16-Dec	0.05	0.05	0.00	0.05	0.05				
17-Dec	0.00	0.00	0.00	0.08	0.08				
18-Dec	0.00	0.00	0.00	0.09	0.09				
19-Dec	0.00	0.00	0.00	0.14	0.14				
20-Dec	0.00	0.00	0.00	0.09	0.09				
21-Dec	0.09	0.09	0.00	0.06	0.06				
22-Dec	0.11	0.11	0.00	0.03	0.03				
23-Dec	0.03	0.03	0.00	0.03	0.03				
24-Dec	0.07	0.07	0.00	0.01	0.01				
25-Dec	0.07	0.07	0.00	0.06	0.06				
26-Dec	0.02	0.02	0.00	0.07	0.07				
27-Dec	0.00	0.00	0.00	0.06	0.06				
28-Dec	0.00	0.00	0.00	0.06	0.06				
29-Dec	0.00	0.00	0.00	0.06	0.06				
30-Dec	0.00	0.00	0.00	0.07	0.07				
31-Dec		0.00	0.00	0.09	0.09				
sum	0.95	0.95	0.00	2.50	2.50				
Volume, ac-ft		8.79	0.00						
Total Vol, ac-ft		8.79							Pan Evaporation from Sulphur Mesonet

* Used Mesonet Pan Evaporation - Sulphur
Rainfall data

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Monthly Water Data, ac-ft

	Water Diverted From Pit	Storm Water Entering Pit	Net Sump Volume Change	Groundwater Sent To Holding Basin	Groundwater Sent To Infiltration Areas	Groundwater Used For Stream Augmentation	Evaporation	Moisture Content of Product Shipped	Water Truck Usage	Misc Pit Water Use On Site	Misc Pit Water Use Off Site	Production Well Permit 2002-602	North Well Permit 20060601A
January-23	499.50	12.03	0.00	6.50	493.00	0.00	0.43	4.32	3.26	0.00	0.00	0.00	0.00
February-23	525.00	27.20	0.00	9.00	516.00	0.00	0.54	3.35	1.23	0.00	0.00	0.00	0.00
March-23	582.00	39.31	0.00	23.00	559.00	0.00	0.75	4.00	3.26	0.00	0.00	0.00	0.00
April-23	611.00	16.84	0.00	24.00	587.00	0.00	1.43	4.26	3.20	0.00	0.00	0.00	0.00
May-23	501.00	24.79	0.00	75.00	426.00	0.00	1.35	3.46	4.01	0.00	0.00	0.00	0.00
June-23	642.00	50.59	0.00	70.00	572.00	0.00	1.73	3.38	3.17	0.00	0.00	0.00	0.00
July-23	670.00	59.24	0.00	61.00	609.00	0.00	2.00	3.50	3.51	0.00	0.00	0.00	0.00
August-23	456.60	2.68	0.00	45.00	411.60	0.00	2.27	3.29	4.75	0.00	0.00	0.00	0.00
September-23	455.80	16.74	0.00	35.00	352.40	68.40	1.70	3.97	3.68	0.00	0.00	0.00	0.00
October-23	304.90	59.85	0.00	26.50	0.00	278.40	1.05	3.66	2.58	0.00	0.00	0.00	0.00
November-23	334.80	13.41	0.00	24.70	0.00	310.10	0.71	3.42	0.33	0.00	0.00	0.00	0.00
December-23	359.49	8.79	0.00	24.00	0.00	335.49	0.56	3.72	0.25	0.00	0.00	0.00	0.00

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Settling Cell Evaporation and Infiltration

	FO2 East						FO2 West					
	Width, Ft	Length, Ft	Evaporation, ac-ft	Number of Production Days	Infiltration Rate, Ac-ft/day	Total Infiltration, Ac-ft	Width, Ft	Length, Ft	Evaporation, ac-ft	Number of Production Days	Infiltration Rate, Ac-ft/day	Total Infiltration, Ac-ft
January-23	50	330	0.00	0.00	0.08	0.00	50	350	0.10	19.00	0.22	4.23
February-23	50	330	0.12	22.00	0.08	1.80	50	350	0.00		0.22	0.00
March-23	50	330	0.00	0.00	0.08	0.00	50	350	0.18	25.00	0.22	5.57
April-23	50	330	0.20	20.00	0.08	1.64	50	350	0.00		0.22	0.00
May-23	50	330	0.00		0.08	0.00	50	350	0.20	23.00	0.22	5.13
June-23	50	330	0.24	25.00	0.08	2.05	50	350	0.00		0.22	0.00
July-23	50	330	0.00		0.08	0.00	50	350	0.30	21.00	0.22	4.68
August-23	50	330	0.32	21.00	0.08	1.72	50	350	0.00		0.22	0.00
September-23	50	330	0.00		0.08	0.00	50	350	0.25	23.00	0.22	5.13
October-23	50	330	0.15	23.00	0.08	1.88	50	350	0.00		0.22	0.00
November-23	50	330	0.00		0.08	0.00	50	350	0.11	21.00	0.22	4.68
December-23	50	330	0.08	20.00	0.08	1.64	50	350	0.00		0.22	0.00

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July Shipments			August Shipments			September Shipments		
	Tons Shipped	Ac-ft of water shipped		Tons Shipped	Ac-ft of water shipped		Tons Shipped	Ac-ft of water shipped
Base Products Coarse	10,485	0.257	Base Products Coarse	81	0.002	Base Products Coarse	511	0.013
Aggregates Fine	227,059	2.729	Aggregates Fine	220,381	2.649	Aggregates Fine	294,171	3.536
Aggregates	16,132	0.513	Aggregates	20,179	0.641	Aggregates	13,291	0.422
	253,676	3.498		240,641	3.292		307,973	3.970

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October Shipments			November Shipments			December Shipments		
	Tons Shipped	Ac-ft of water shipped		Tons Shipped	Ac-ft of water shipped		Tons Shipped	Ac-ft of water shipped
Base Products Coarse	692	0.017	Base Products Coarse	932	0.023	Base Products Coarse	887	0.022
Aggregates Fine	256,027	3.077	Aggregates Fine	245,985	2.956	Aggregates Fine	226,792	2.726
Aggregates	17,820	0.566	Aggregates	14,015	0.445	Aggregates	30,507	0.969
	274,539	3.660		260,933	3.425		258,186	3.717

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