



Simulated Post Mine Steady State Conditions

Zone Flow	Q	SC
	cfm	(umhos/cm)
Threemile to Clinker	57711	3417
Clinker In	183392	3209
Clinker Out	241103	3259

Simulated Post Mine Steady State Conditions

Zone Flow	Q	SC
	cfm	(umhos/cm)
Clinker to Threemile	60414	3446
Threemile In	11468	3265
Threemile Out	71881	3417

Simulated Post Mine Steady State Conditions

Zone Flow	Q	SC
	cfm	(umhos/cm)
Spoils - Clinker	12947	7500
Clinker In	221124	3209
Clinker out	234071	3446

Pre Mine Steady State Conditions

Zone Flow	Q	SC
	cfm	(umhos/cm)
Coal to Clinker	29089	3265
Clinker In	215381	3209
Clinker Out	244470	3216

Legend:

- Mining Area —
- Mine Permit Boundary —
- Tract Boundary —
- Township Lines —
- Section Lines —
- Spoil (Model Zone 5) 5
- Coal Buffer (Model Zone 6) 6
- Clinker (Model Zone 7) 7
- Three Mile Alluvium (Model Zone 8) 8
- Clinker (Model Zone 9) 9
- Simulated Particle Tracks —
- Groundwater Model Domain —



SCALE

0 (In Feet) 3000

USGS 100K QUADS:
 Lame Deer, Powderville,
 Birney, and Broadus

Note: Predicted SC Load Calculation based on linear interpolation

OTTER CREEK MINE, PERMIT ID: C2012018
 EXHIBIT 314C APPENDIX B OTTER CREEK COAL MINE
 GROUNDWATER FLOW MODEL DEVELOPMENT,
 CALIBRATION, AND MINE DEWATERING SIMULATION

SIMULATED SPOIL WATER CONTACT AFTER MINING

FIGURE

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