Year 2 Head
Drains active during Year 2 stress period are identified in Figure 3.15.

Year 6 Head
Drains active during Year 6 stress period are identified in Figure 3.15.

Year 10 Head
Drains active during Year 10 stress period are identified in Figure 3.15.

Year 14 Head
Drains active during Year 14 stress period are identified in Figure 3.15.

Year 19 Head
Drains active during Year 19 stress period are identified in Figure 3.15.

Year 2 Drawdown
Drains active during Year 2 stress period are identified in Figure 3.15.

Year 6 Drawdown
Drains active during Year 6 stress period are identified in Figure 3.15.

Year 10 Drawdown
Drains active during Year 10 stress period are identified in Figure 3.15.

Year 14 Drawdown
Drains active during Year 14 stress period are identified in Figure 3.15.

Year 19 Drawdown
Drains active during Year 19 stress period are identified in Figure 3.15.

Legend:
- Tongue River
- Simulated Head Contour Line (20' Contour Interval)
- Otter Creek
- Township Line
- Groundwater Model Domain
- Simulated Drawdown Contour Line (5' Contour Interval)

Model Calculated Drawdown
- 5
- 25
- 50
- 100
- 150
- 150+

OTTER CREEK MINE, PERMIT ID C2012018
EXHIBIT 3.10C APPENDIX B OTTER CREEK COAL MINE GROUNDWATER FLOW MODEL DEVELOPMENT, CALIBRATION, AND MINE DEWATERING SIMULATION

SIMULATED HEAD AND DRAWDOWN DURING MINE DEWATERING - LAYER 1 (HIGH COAL HYDRAULIC CONDUCTANCE)

FIGURE 6-1