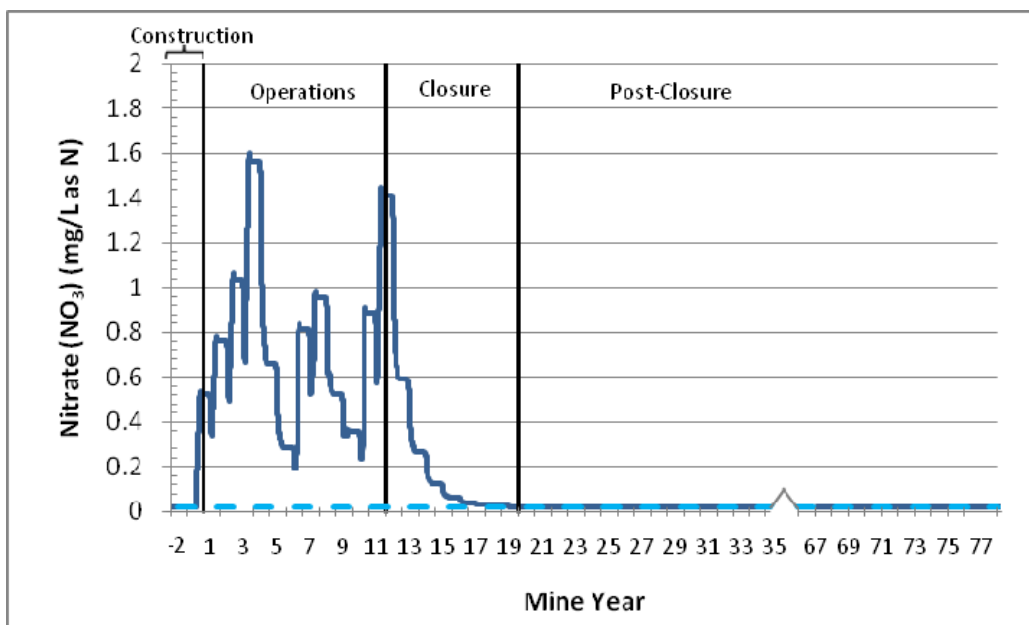
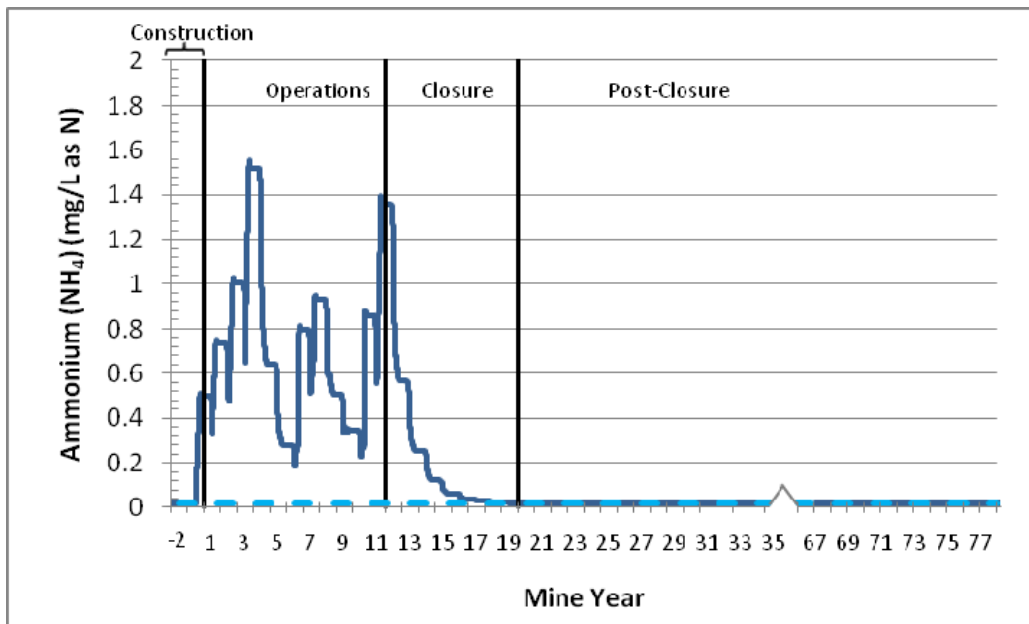


APPENDIX 9.I

TIME SERIES PLOTS

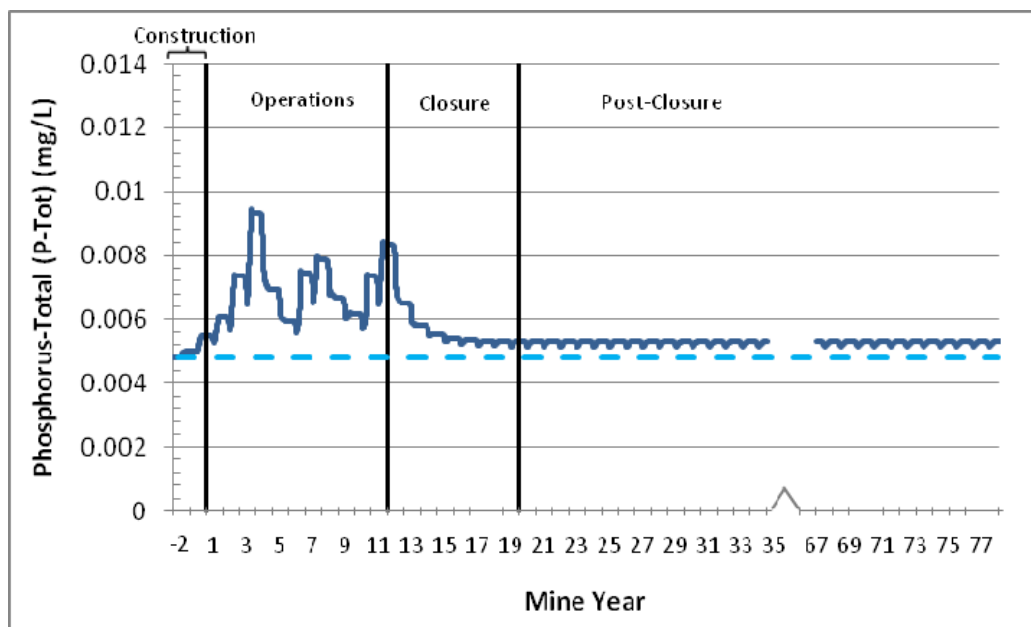
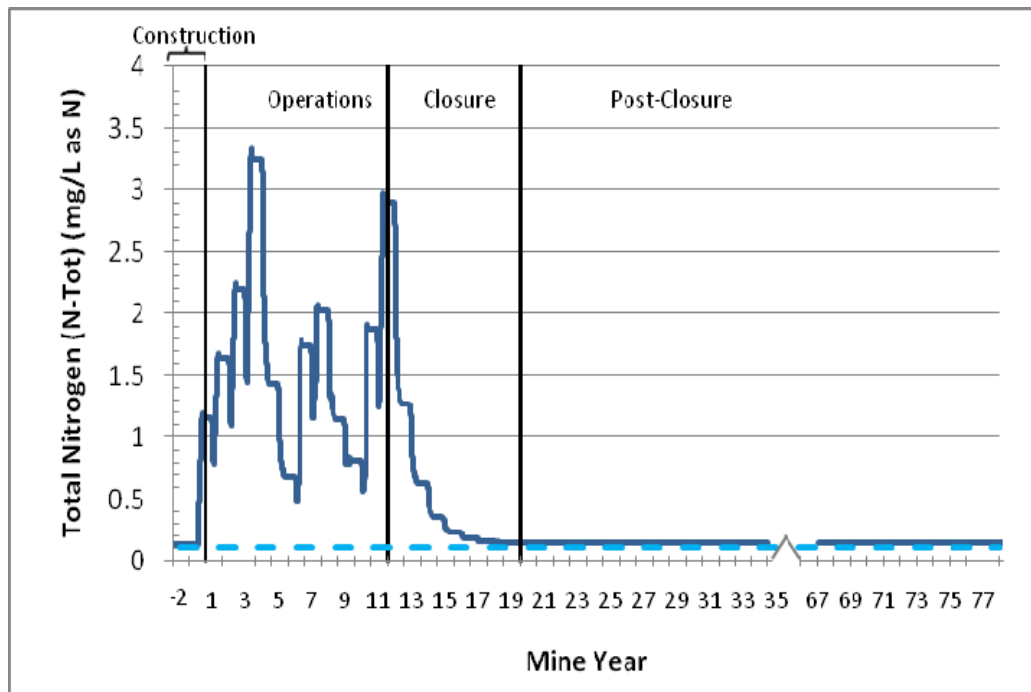
CONSTRUCTION, OPERATIONS, AND CLOSURE AND POST-CLOSURE

Nutrients and Anions (Lake N11)



— Simulated Concentrations
 CCME Chronic Aquatic Life WQ Guidelines
 CCME Human Health WQ Guidelines
 CCME Wildlife Health WQ Guidelines
 - - - Background Concentrations

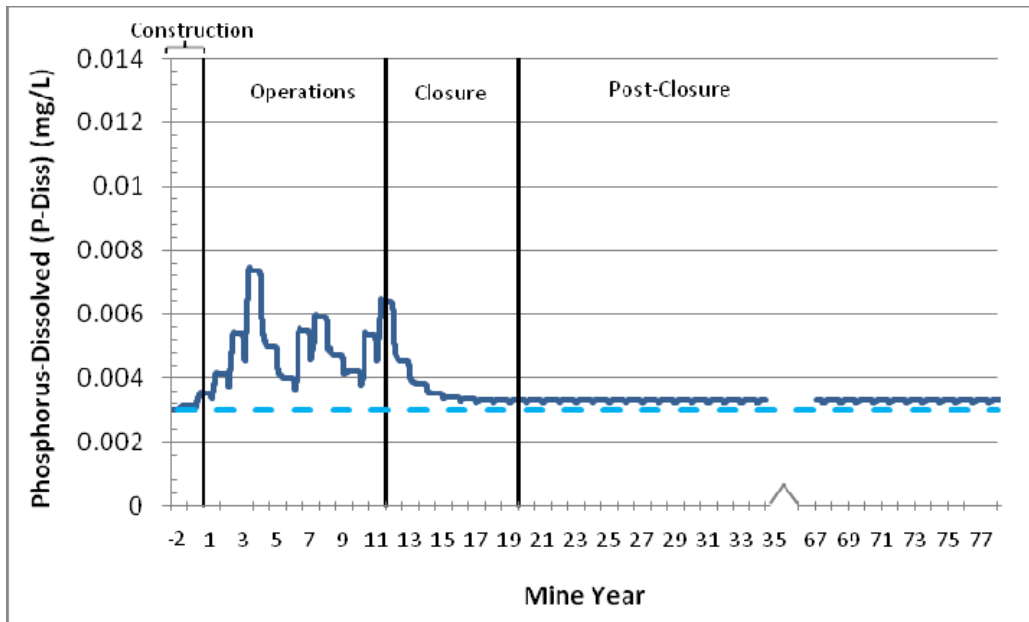
Nutrients and Anions (Lake N11) (continued)



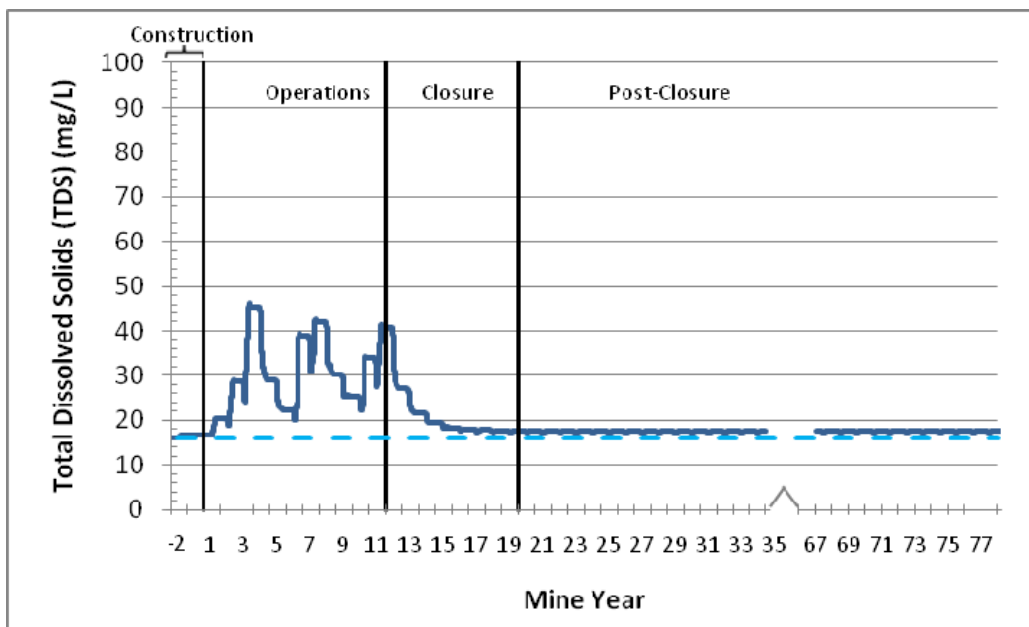
Note: Projected total phosphorus with supplemental mitigation

- Simulated Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- - - Background Concentrations

Nutrients and Anions (Lake N11) (continued)

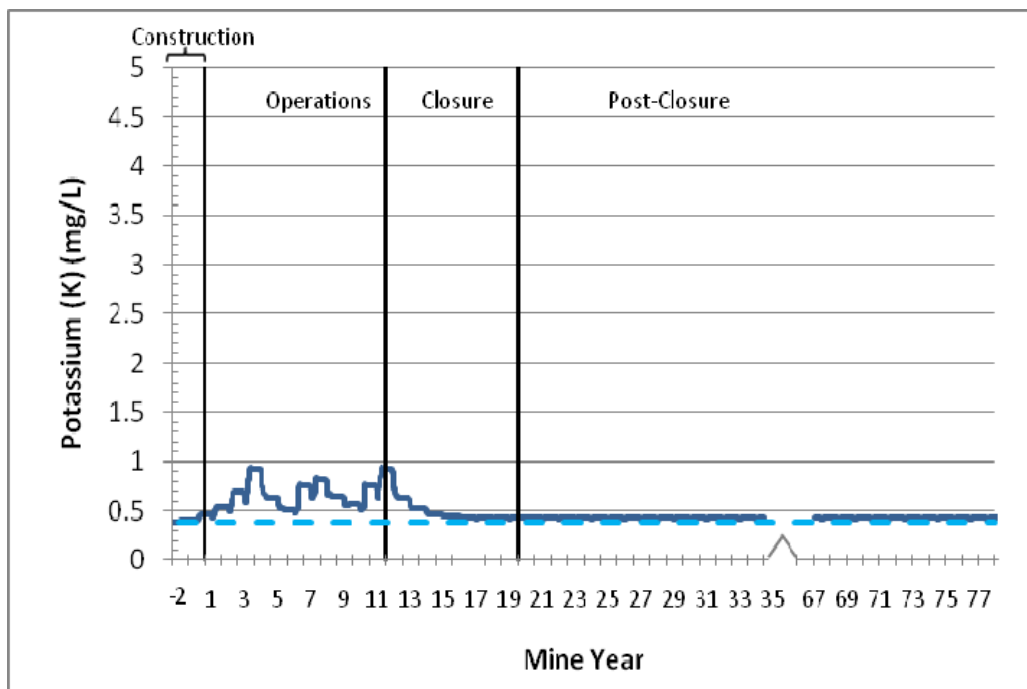
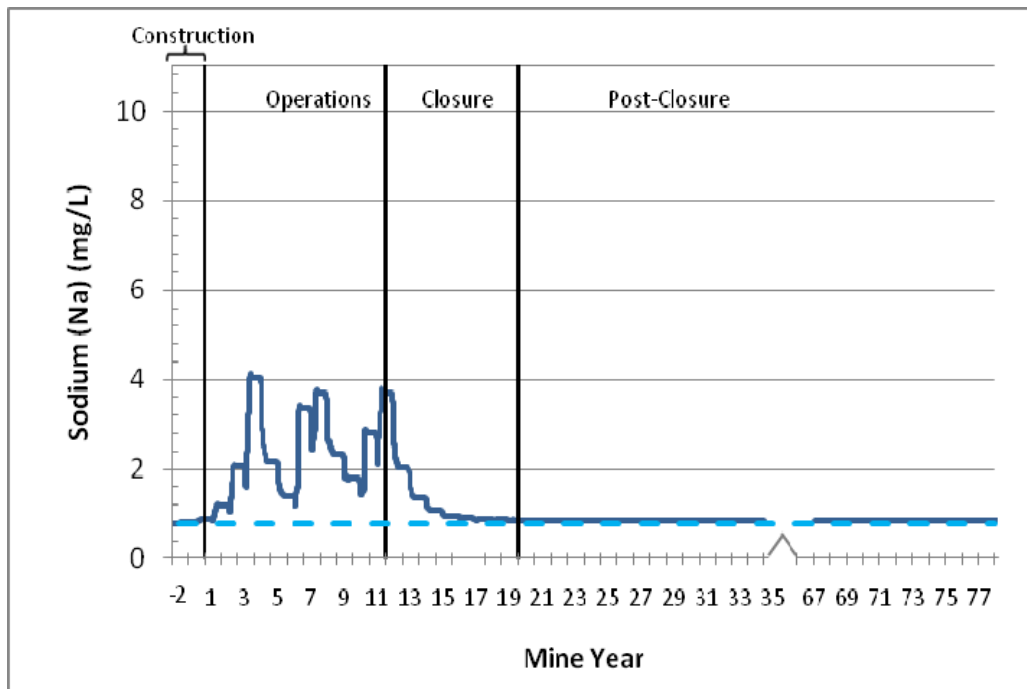


Note: Projected phosphorus dissolved with supplemental mitigation



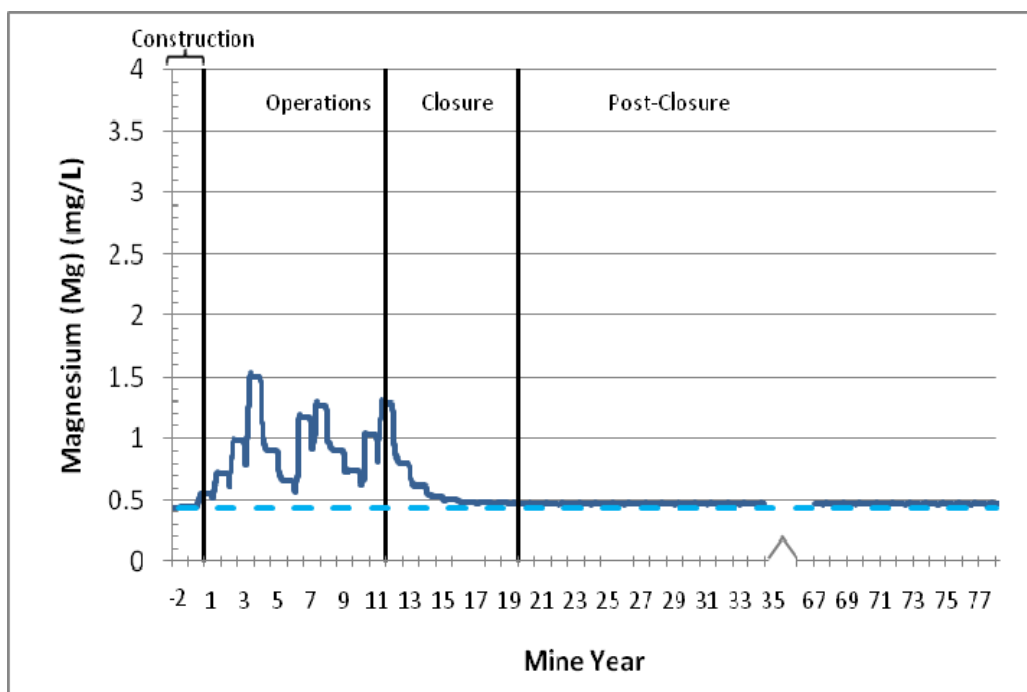
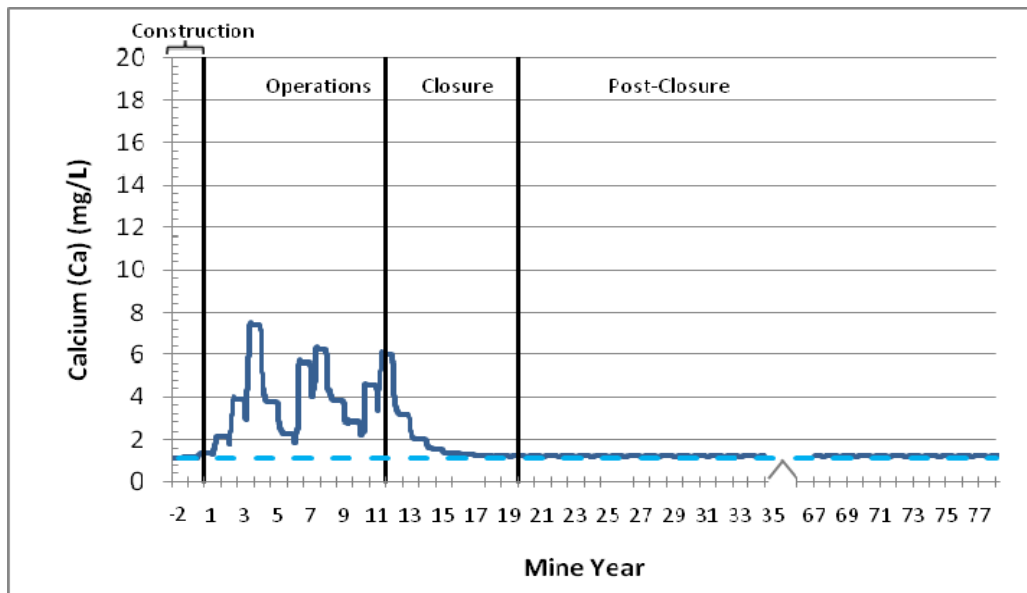
— Simulated Concentrations
 CCME Chronic Aquatic Life WQ Guidelines
 CCME Human Health WQ Guidelines
 CCME Wildlife Health WQ Guidelines
 - - - Background Concentrations

Nutrients and Anions (Lake N11) (continued)



— Simulated Concentrations
..... CCME Chronic Aquatic Life WQ Guidelines
..... CCME Human Health WQ Guidelines
..... CCME Wildlife Health WQ Guidelines
- - - Background Concentrations

Nutrients and Anions (Lake N11) (continued)



— Simulated Concentrations

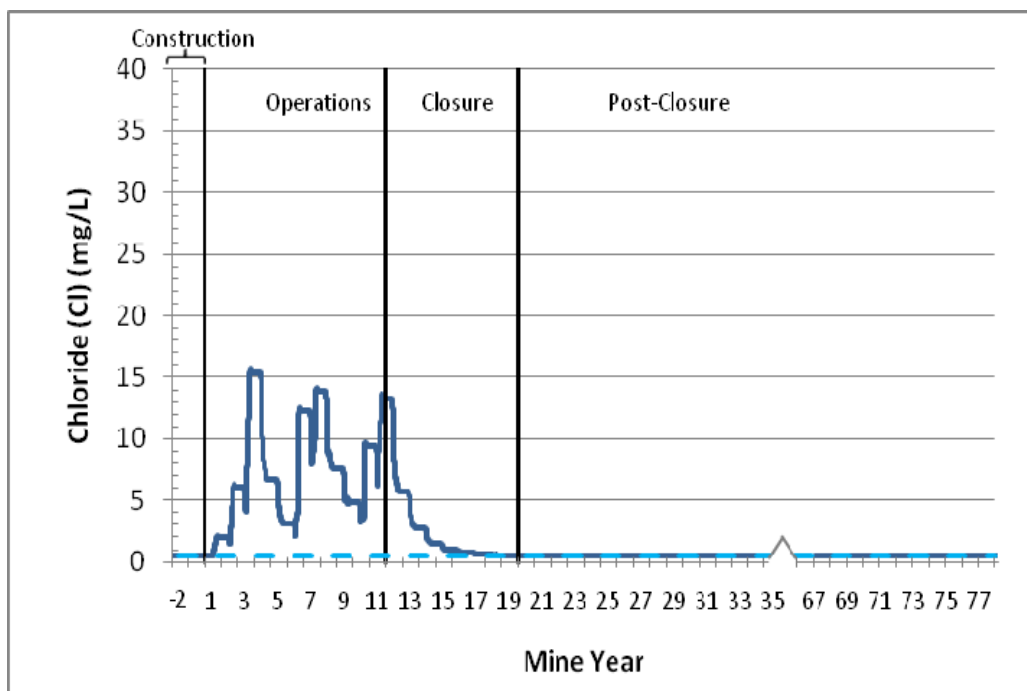
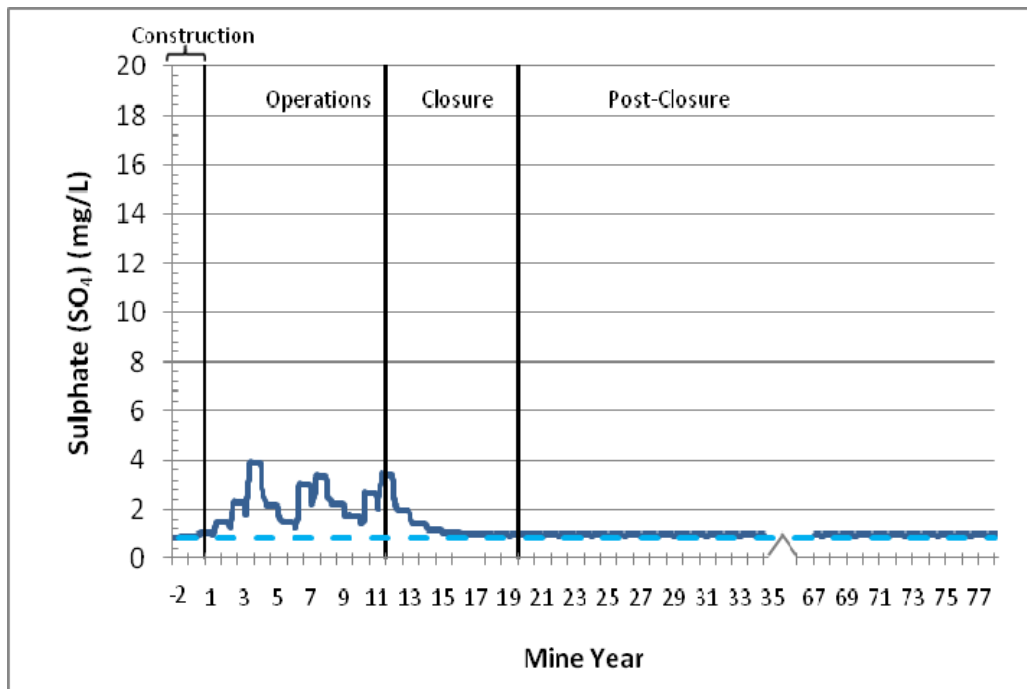
..... CCME Chronic Aquatic Life WQ Guidelines

..... CCME Human Health WQ Guidelines

..... CCME Wildlife Health WQ Guidelines

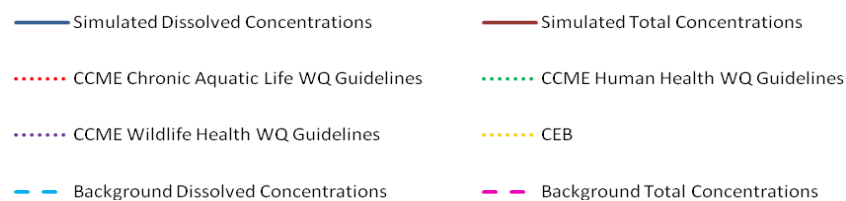
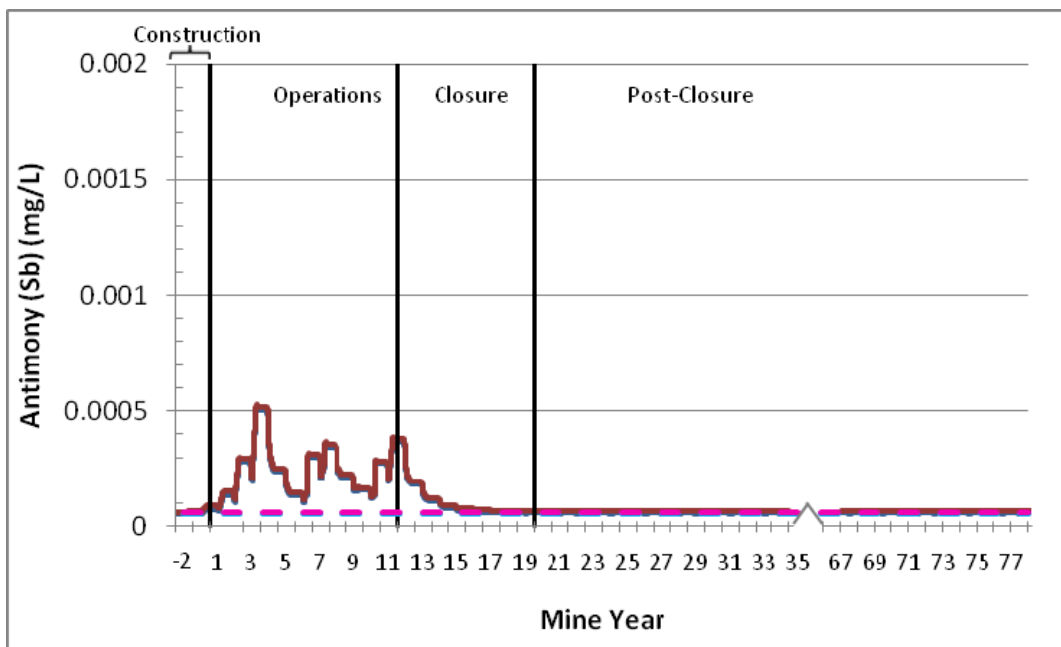
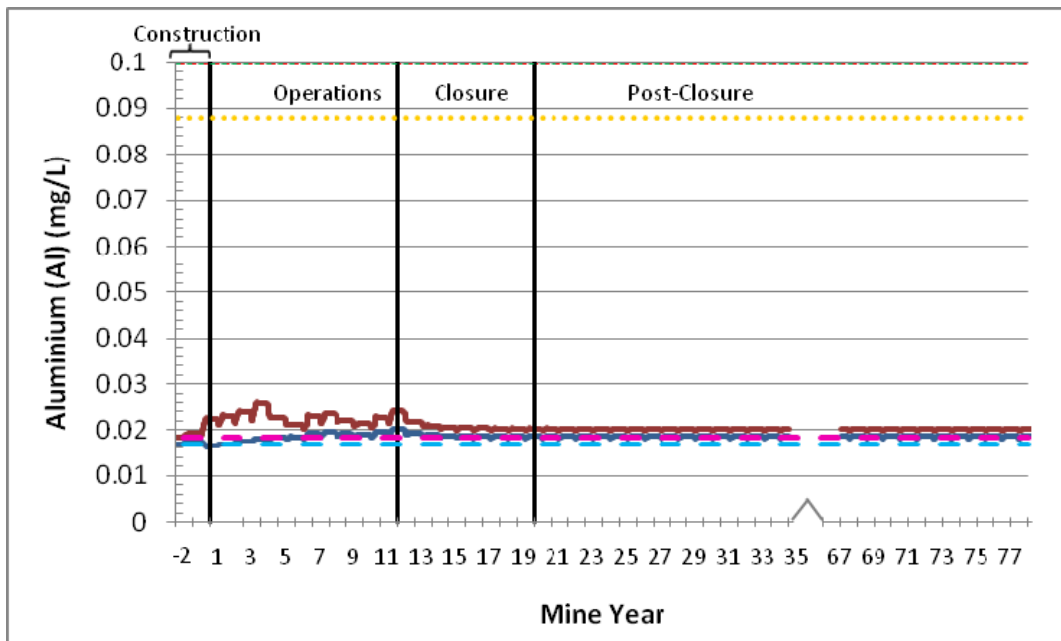
- - - Background Concentrations

Nutrients and Anions (Lake N11) (continued)

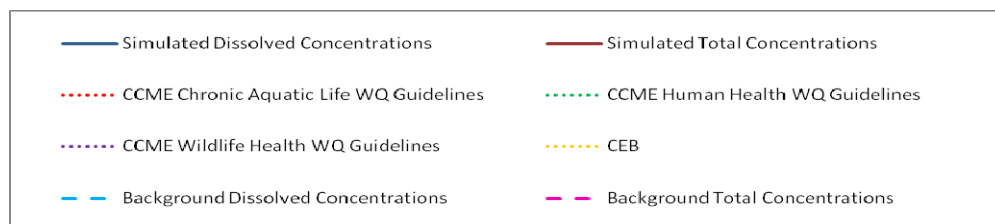
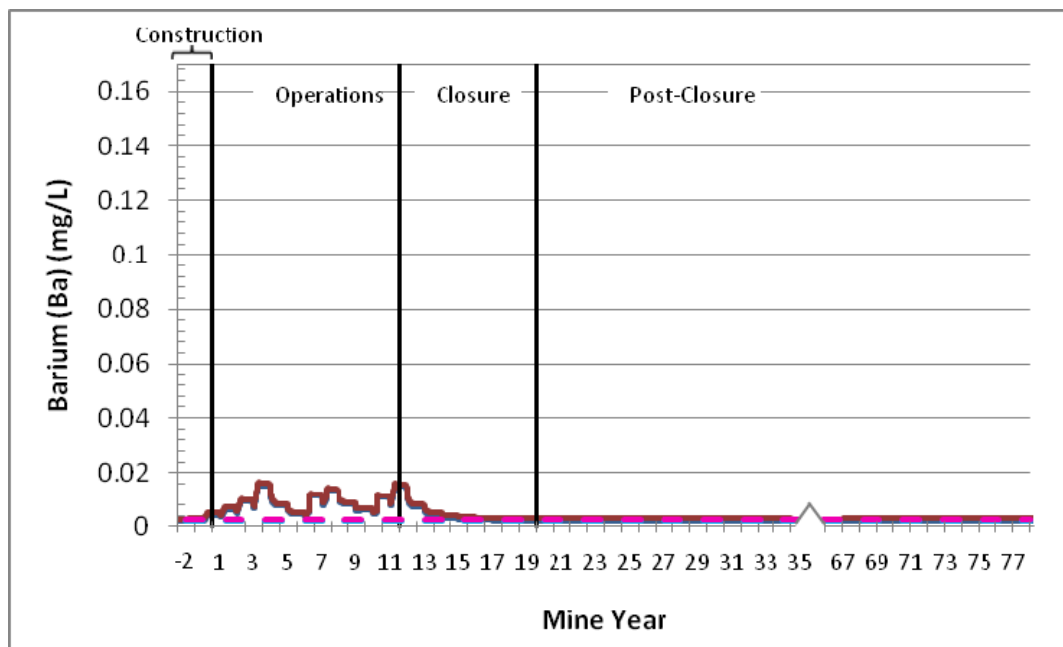
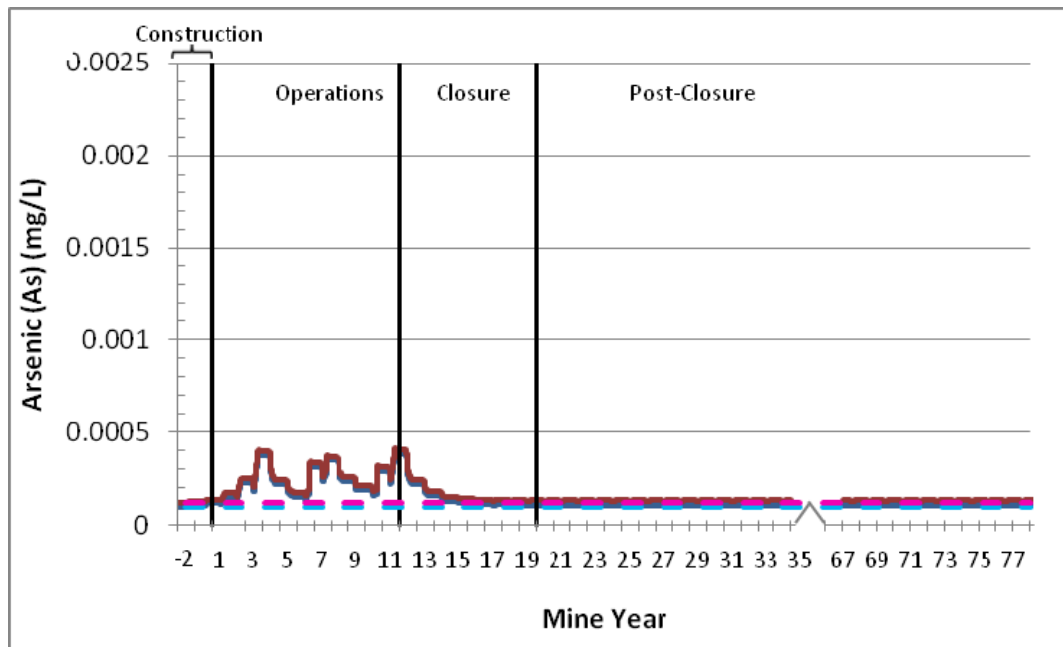


— Simulated Concentrations
 CCME Chronic Aquatic Life WQ Guidelines
 CCME Human Health WQ Guidelines
 CCME Wildlife Health WQ Guidelines
 - - - Background Concentrations

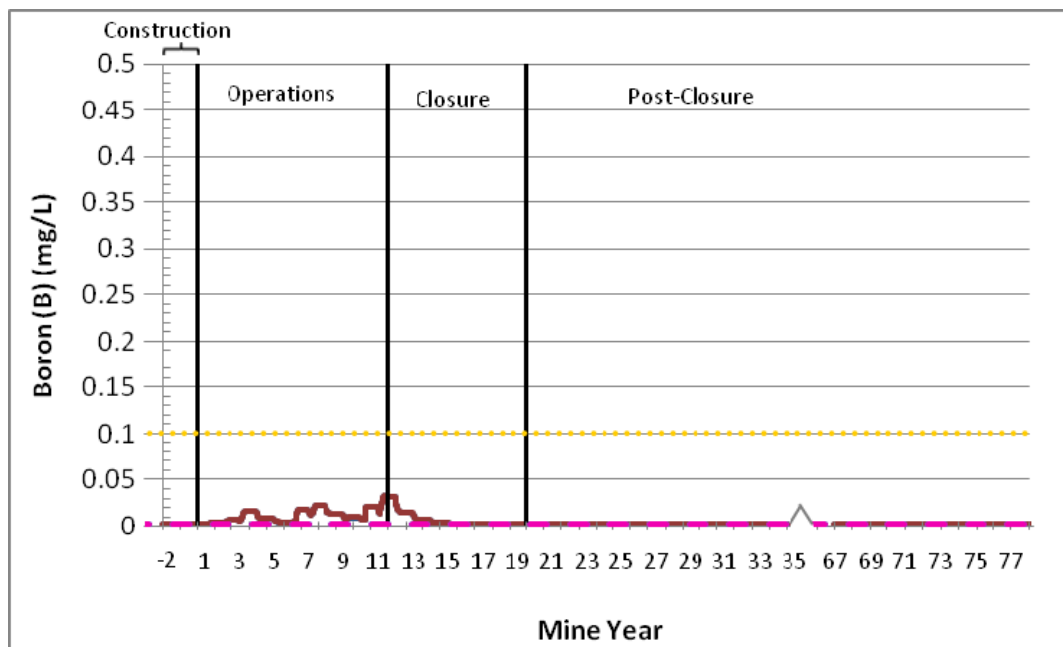
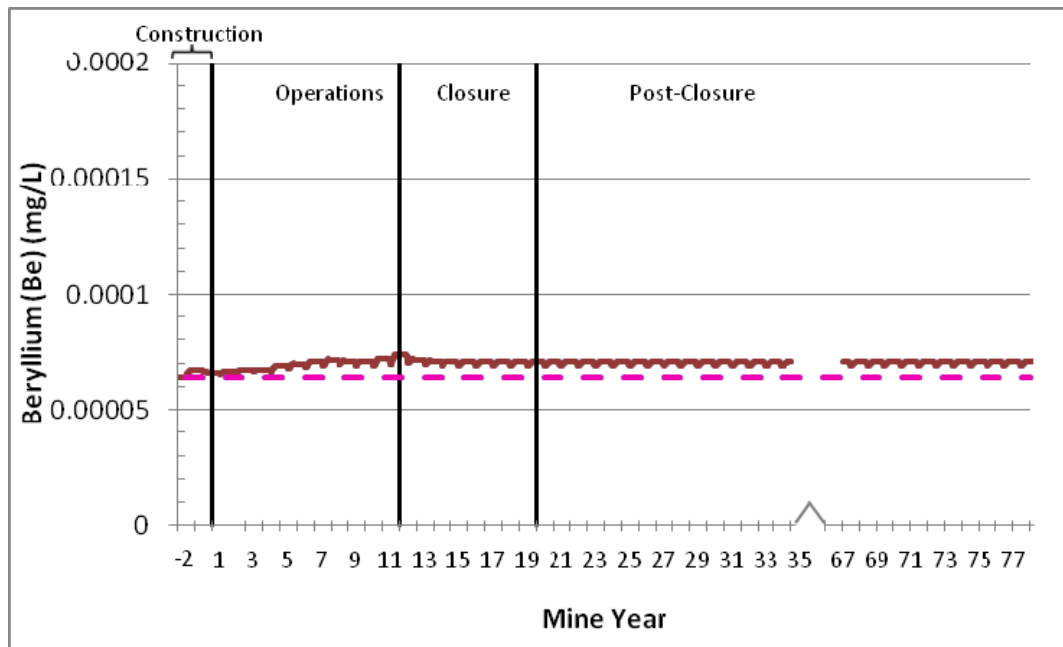
Dissolved and Total Metals (Lake N11)



Dissolved and Total Metals (Lake N11) (continued)

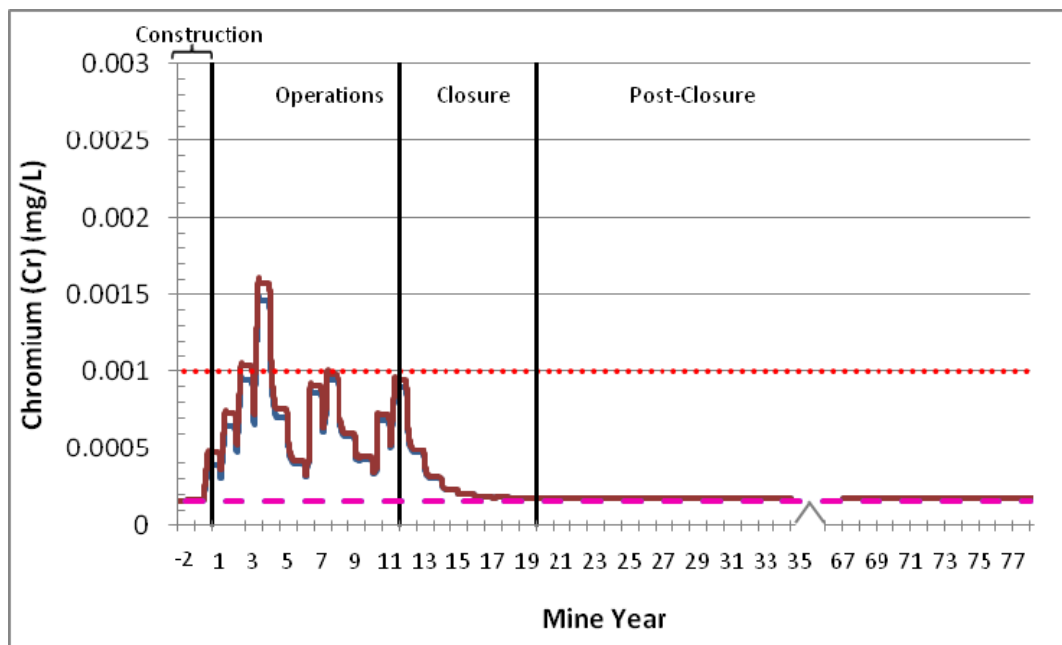
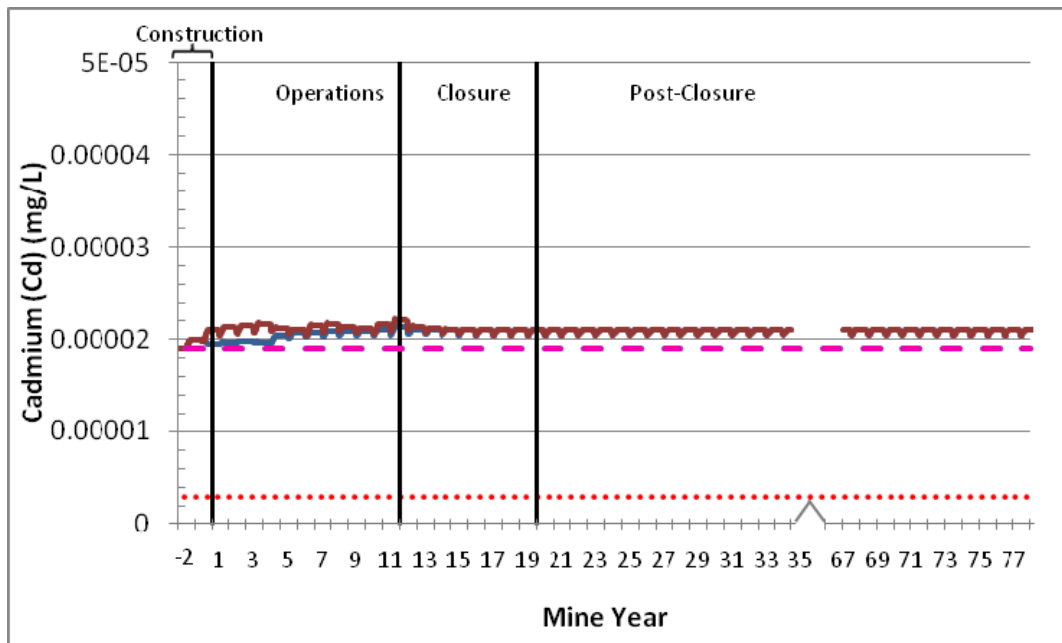


Dissolved and Total Metals (Lake N11) (continued)



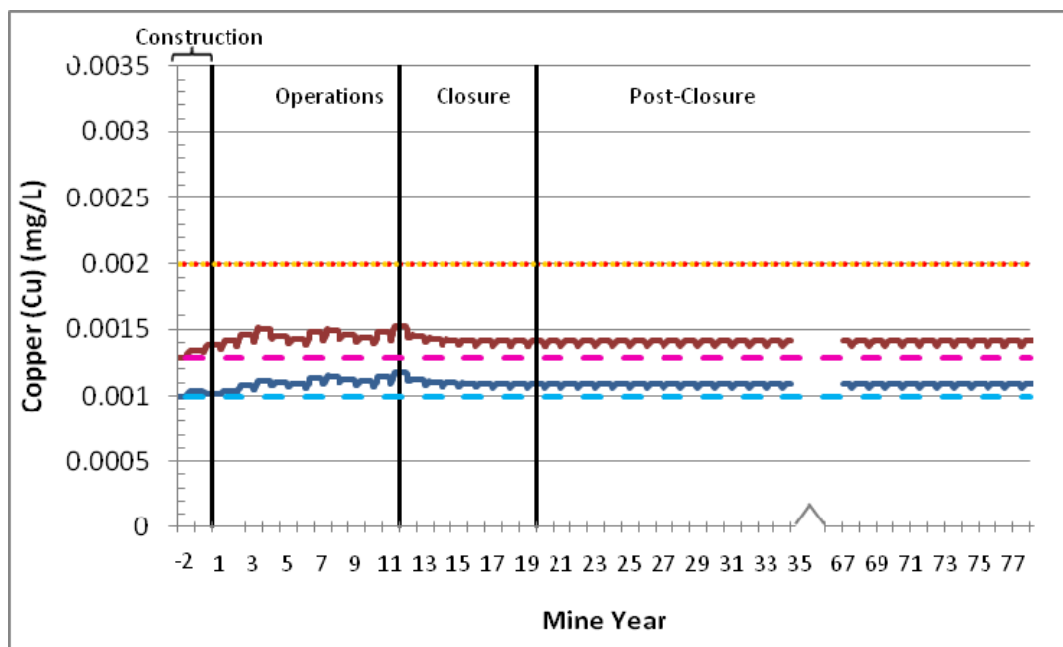
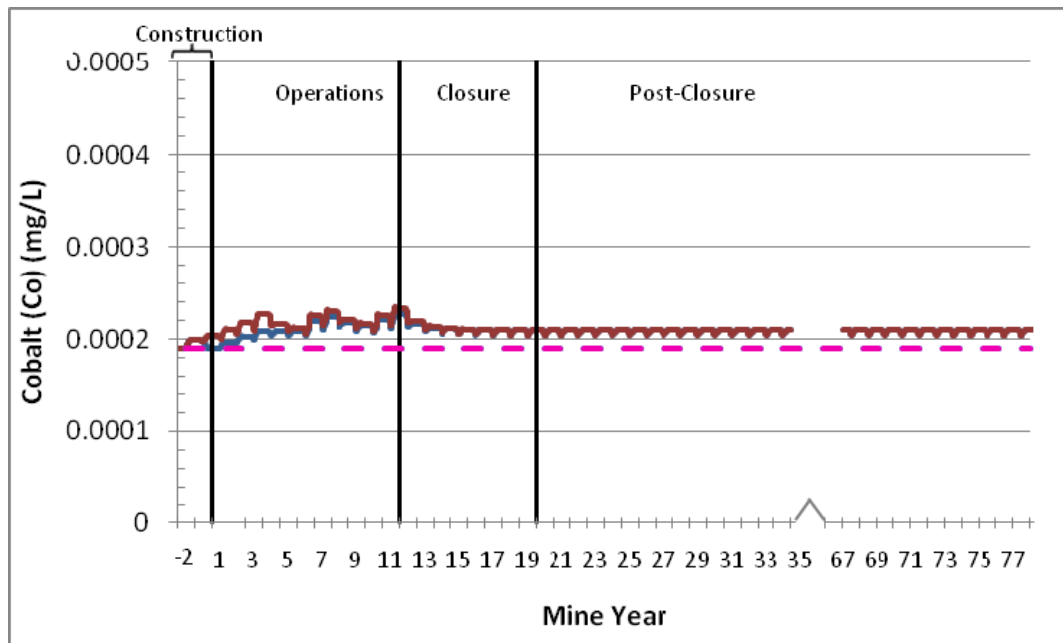
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

Dissolved and Total Metals (Lake N11) (continued)



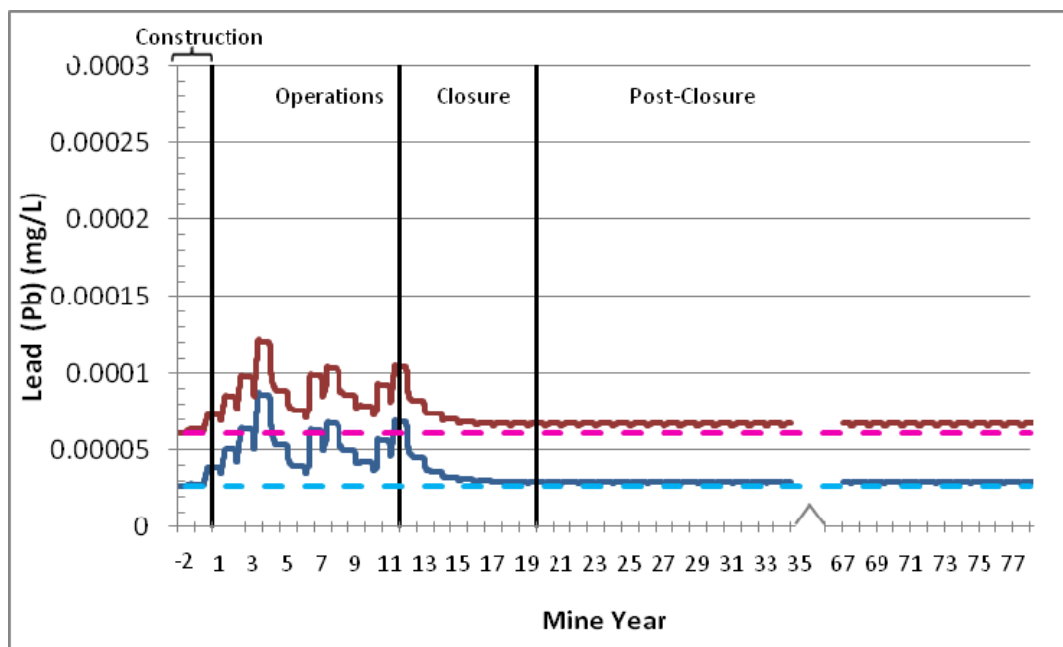
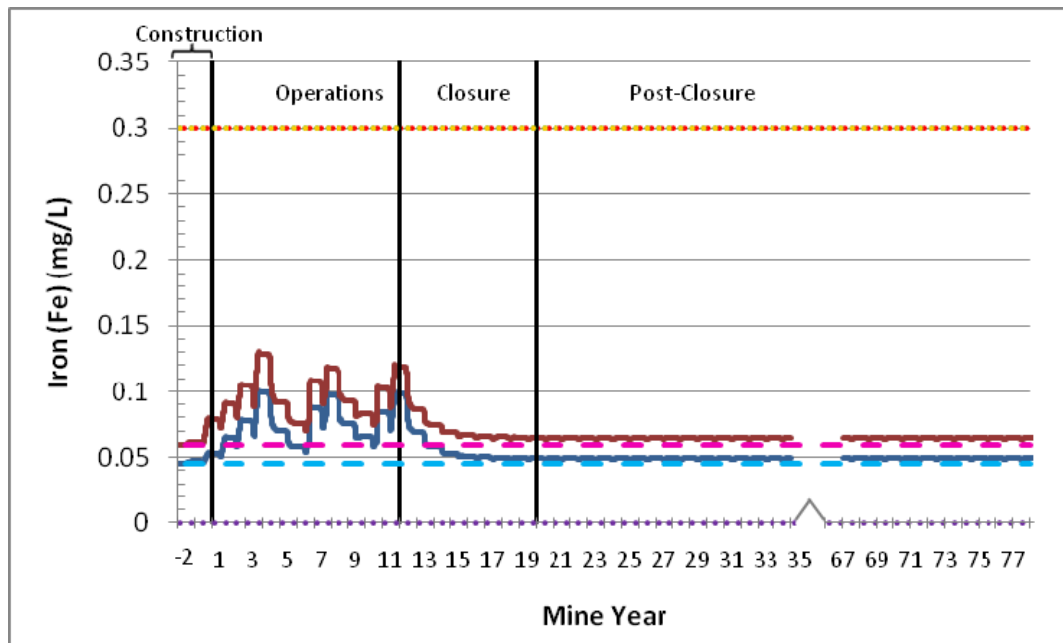
- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| — Background Dissolved Concentrations | — Background Total Concentrations |

Dissolved and Total Metals (Lake N11) (continued)



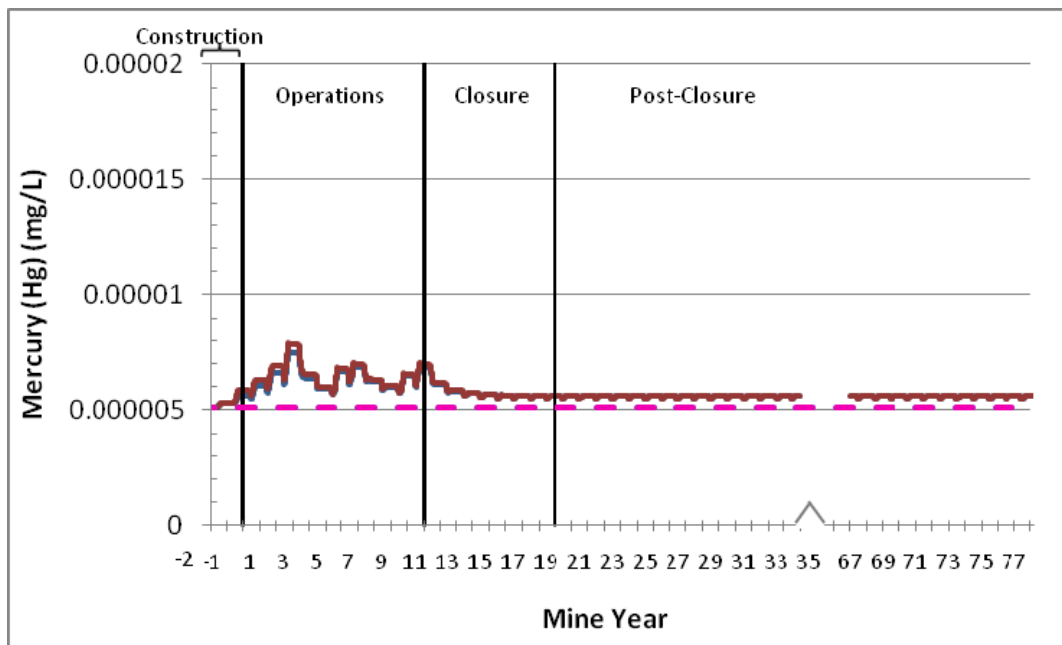
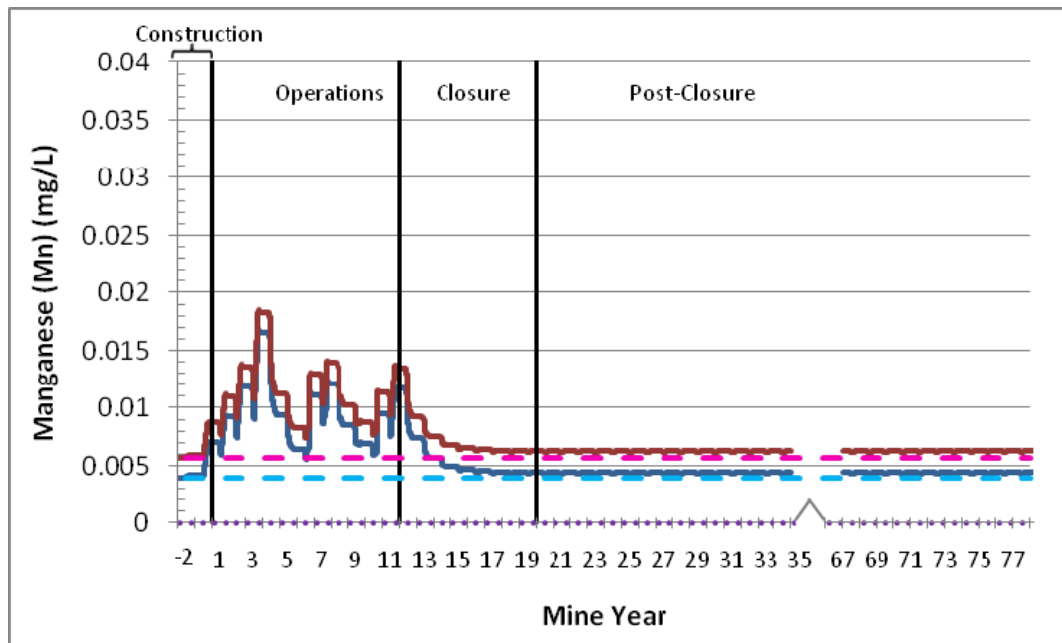
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

Dissolved and Total Metals (Lake N11) (continued)

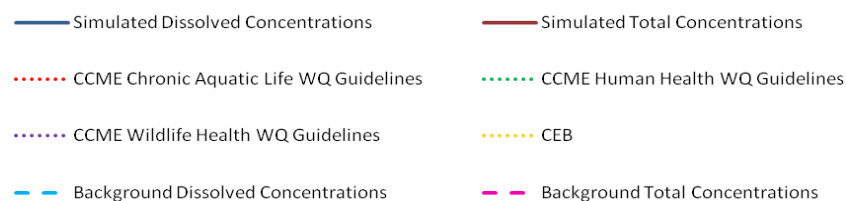
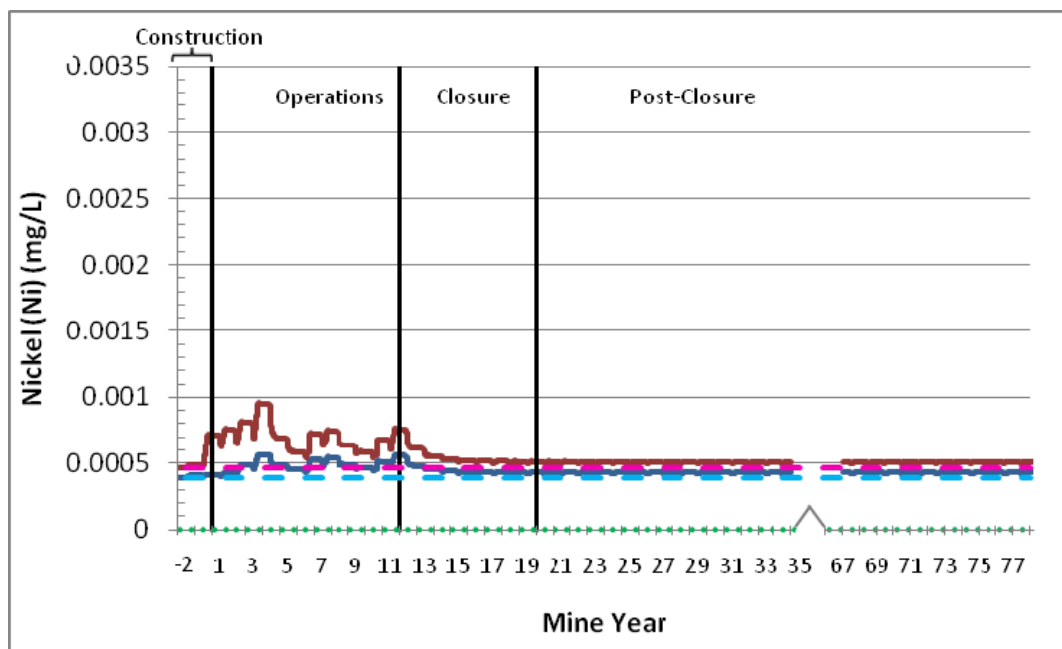
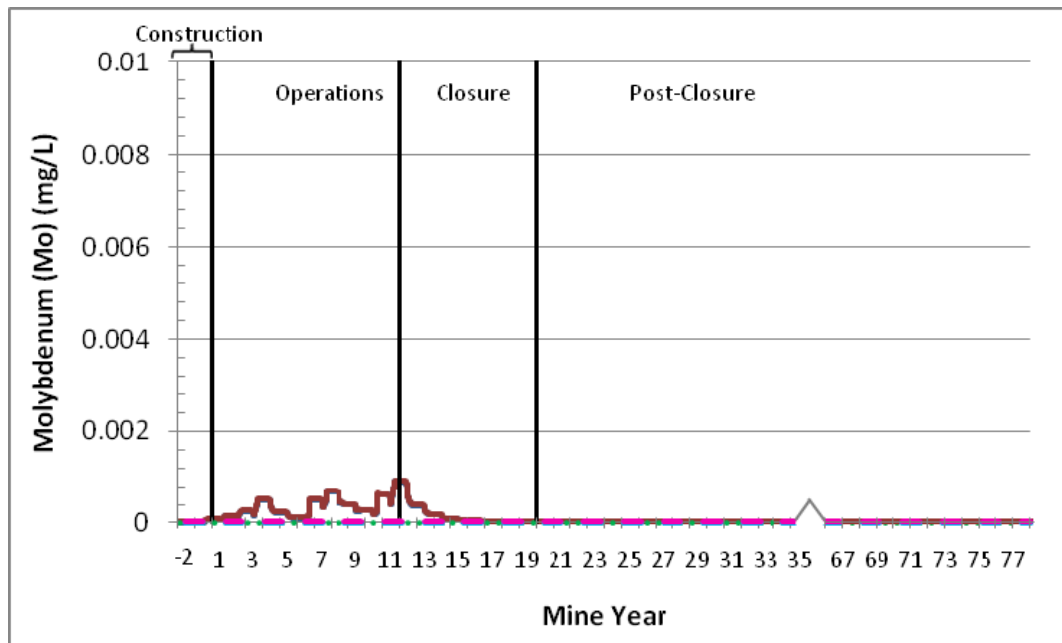


- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| --- Background Dissolved Concentrations | --- Background Total Concentrations |

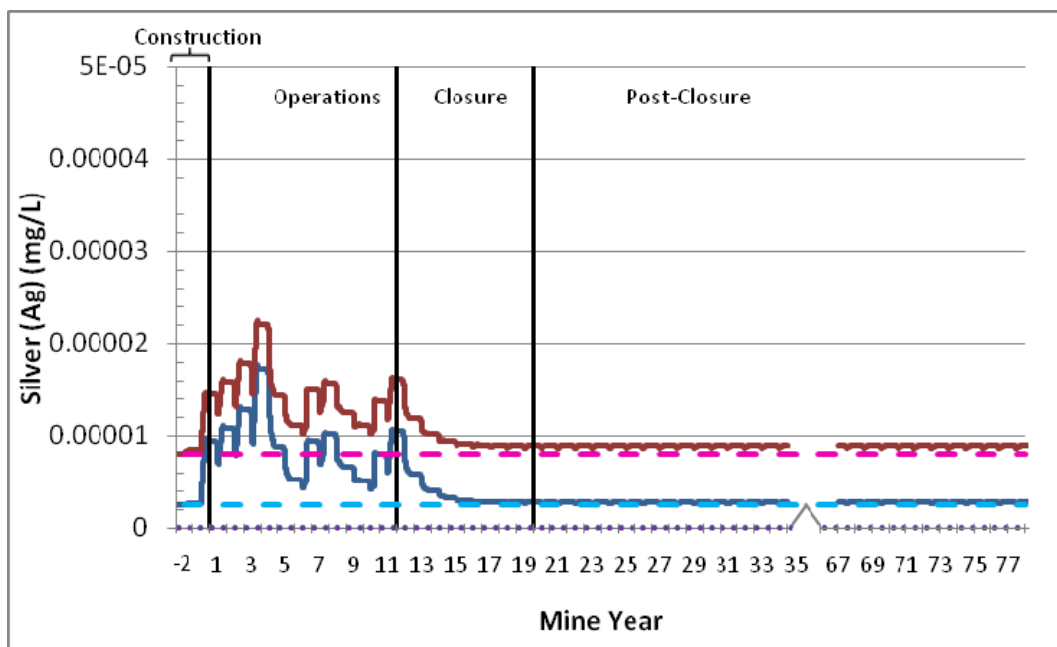
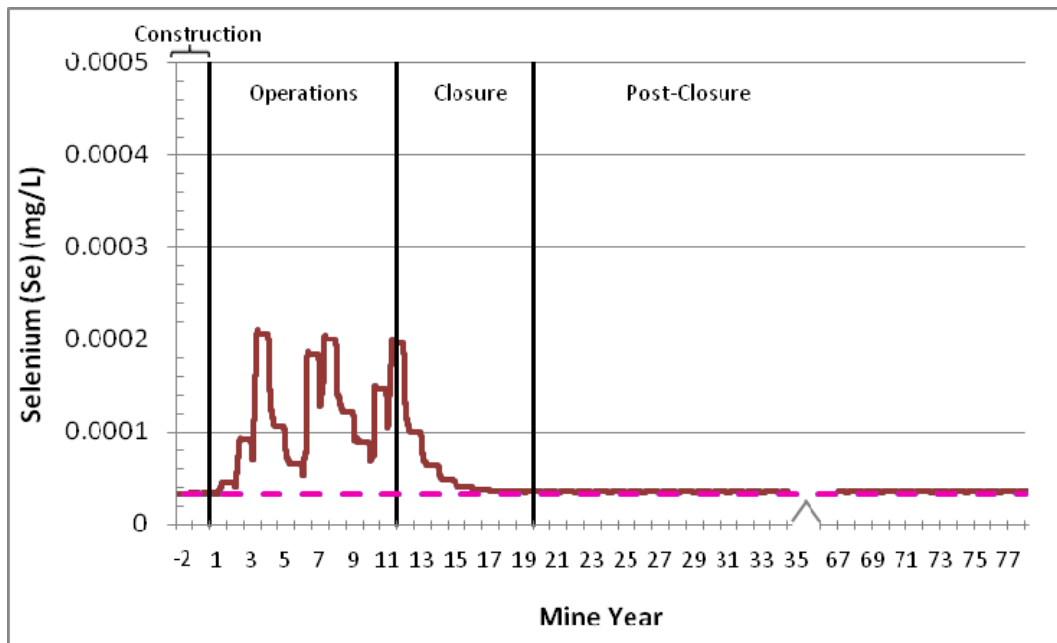
Dissolved and Total Metals (Lake N11) (continued)



Dissolved and Total Metals (Lake N11) (continued)

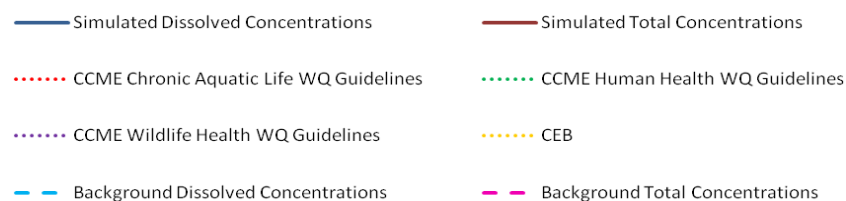
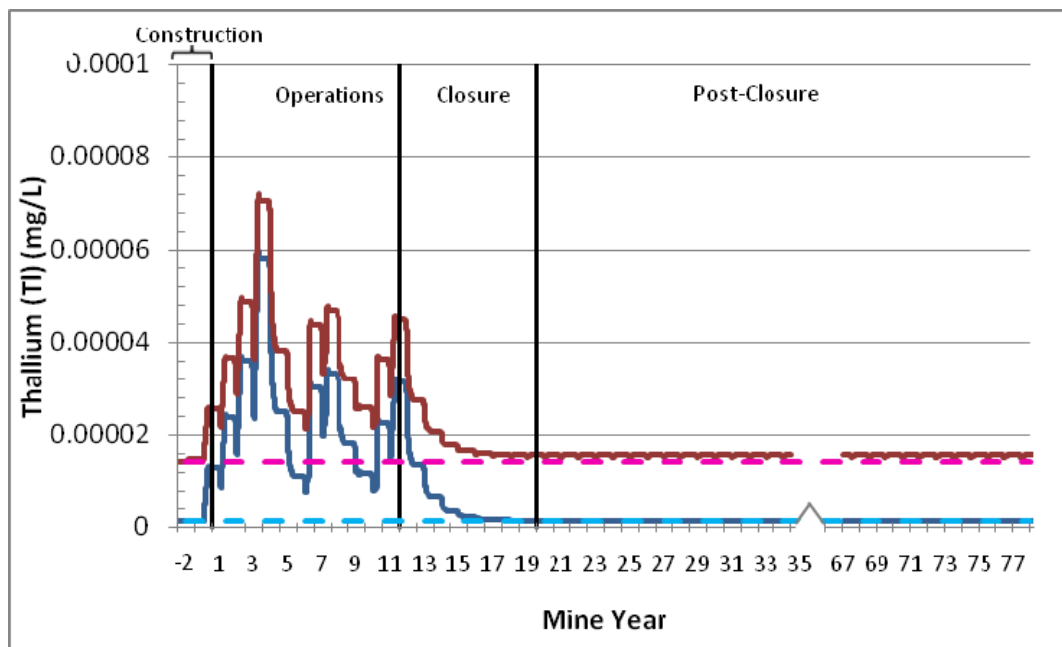
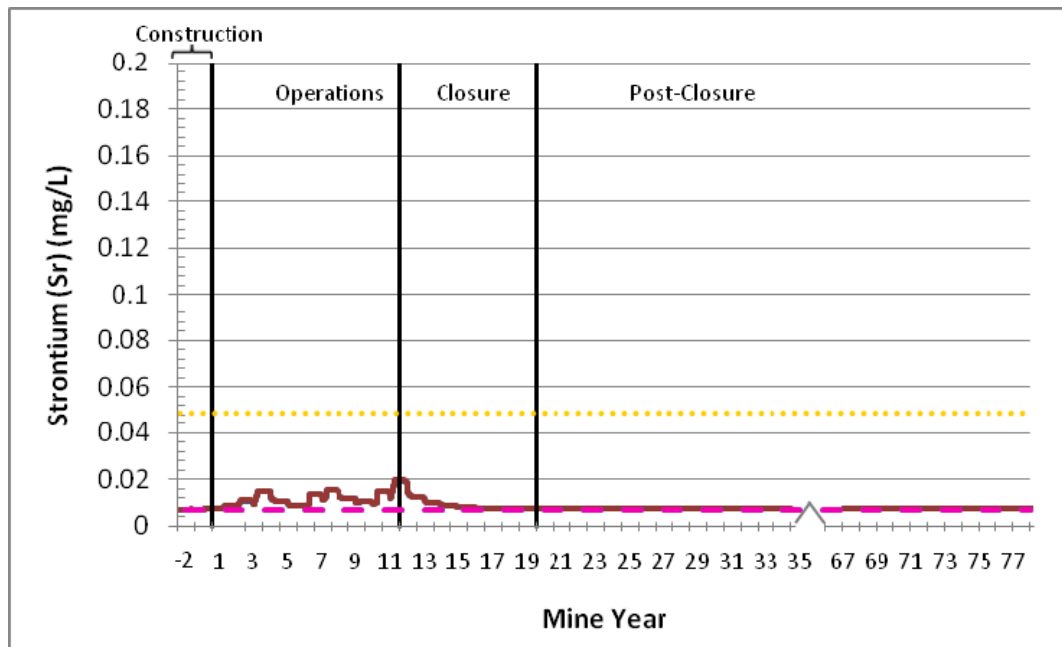


Dissolved and Total Metals (Lake N11) (continued)

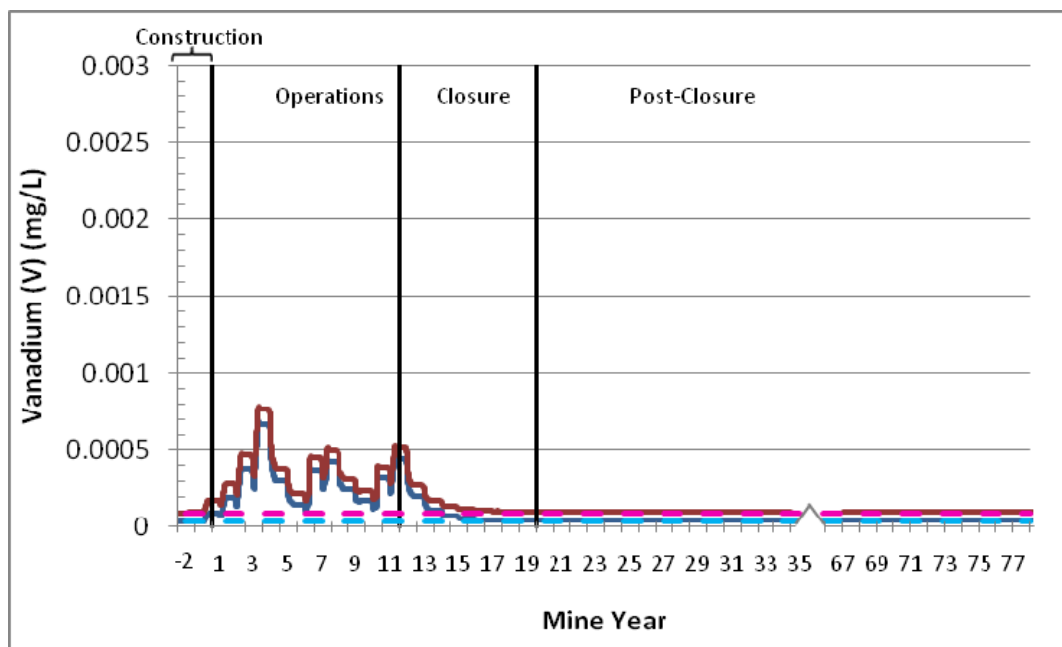
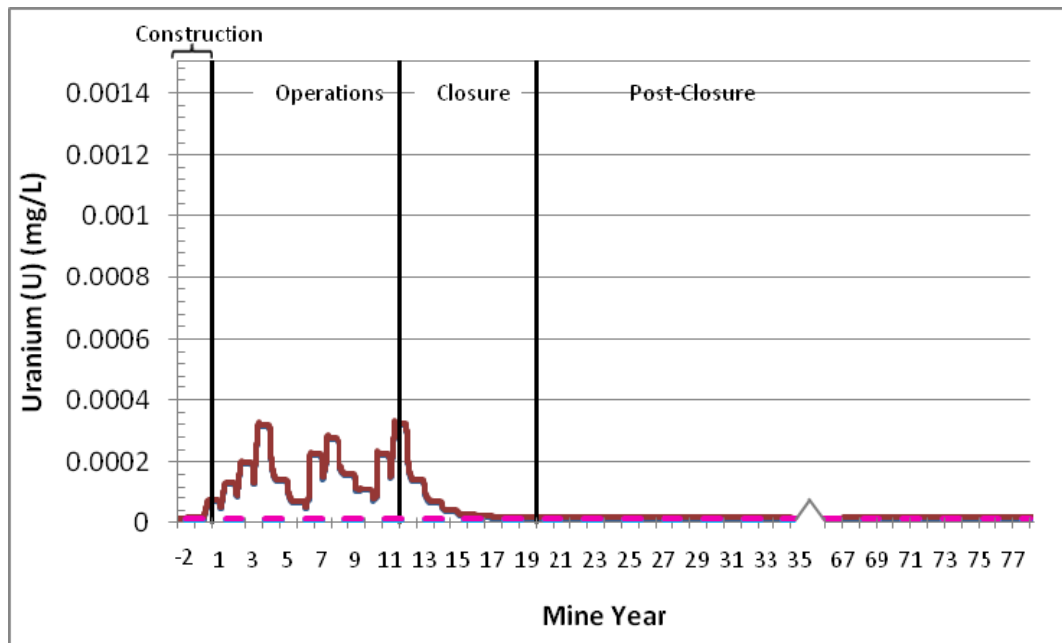


- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| — Background Dissolved Concentrations | — Background Total Concentrations |

Dissolved and Total Metals (Lake N11) (continued)

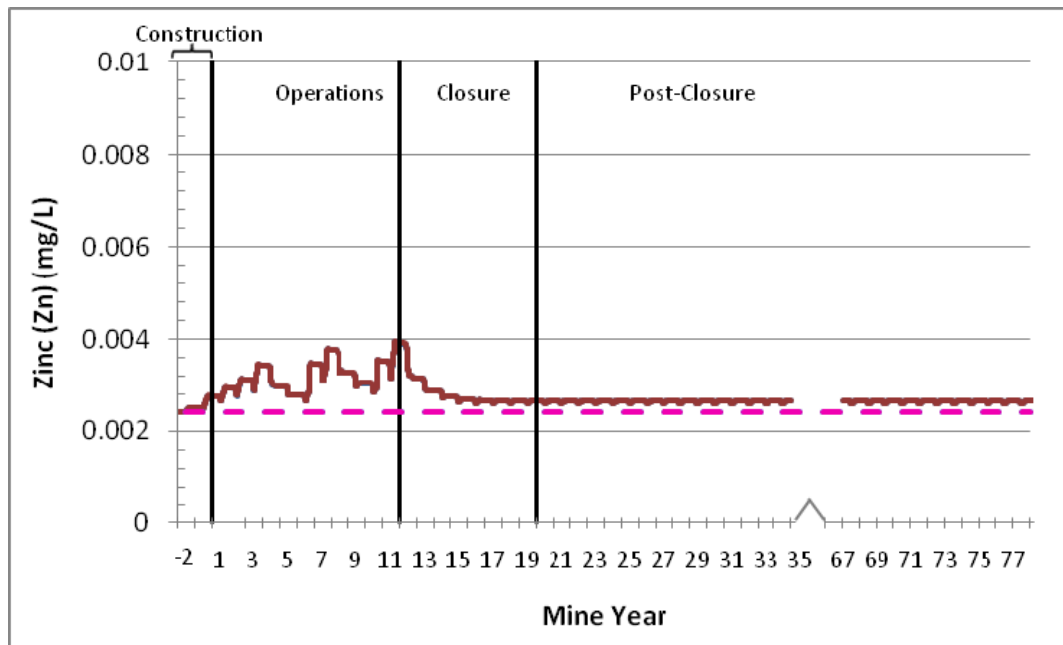


Dissolved and Total Metals (Lake N11) (continued)

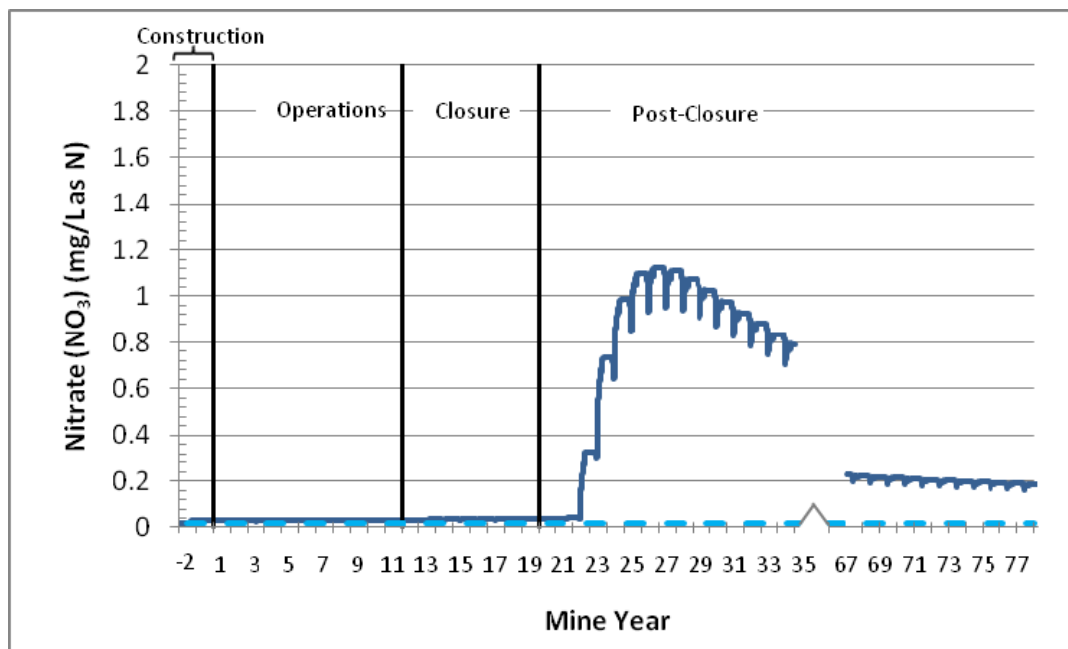
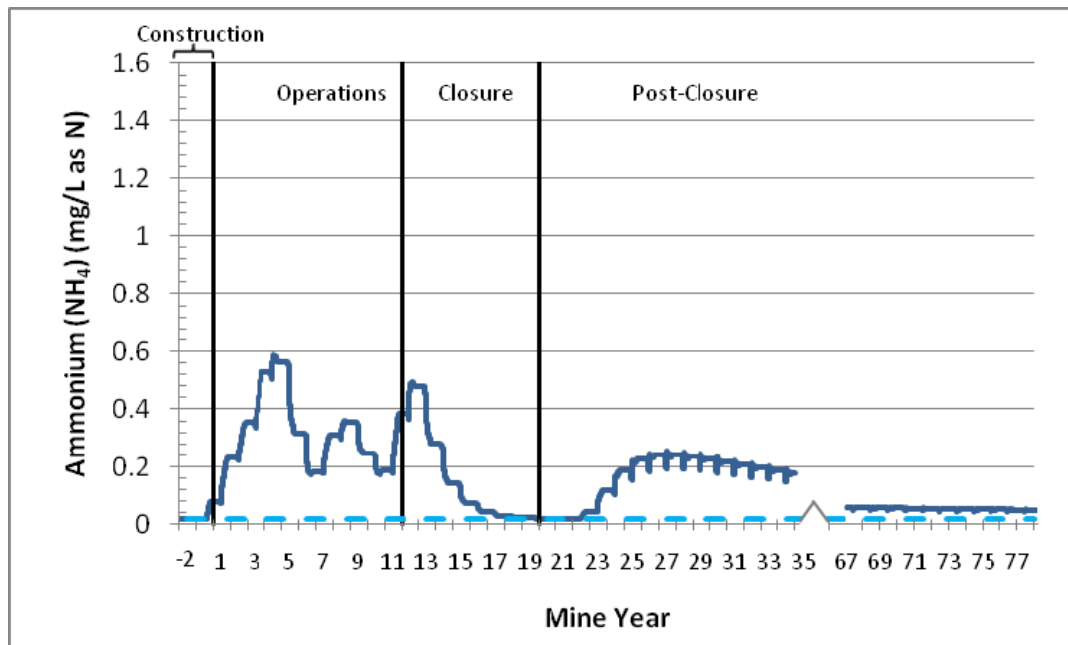


- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

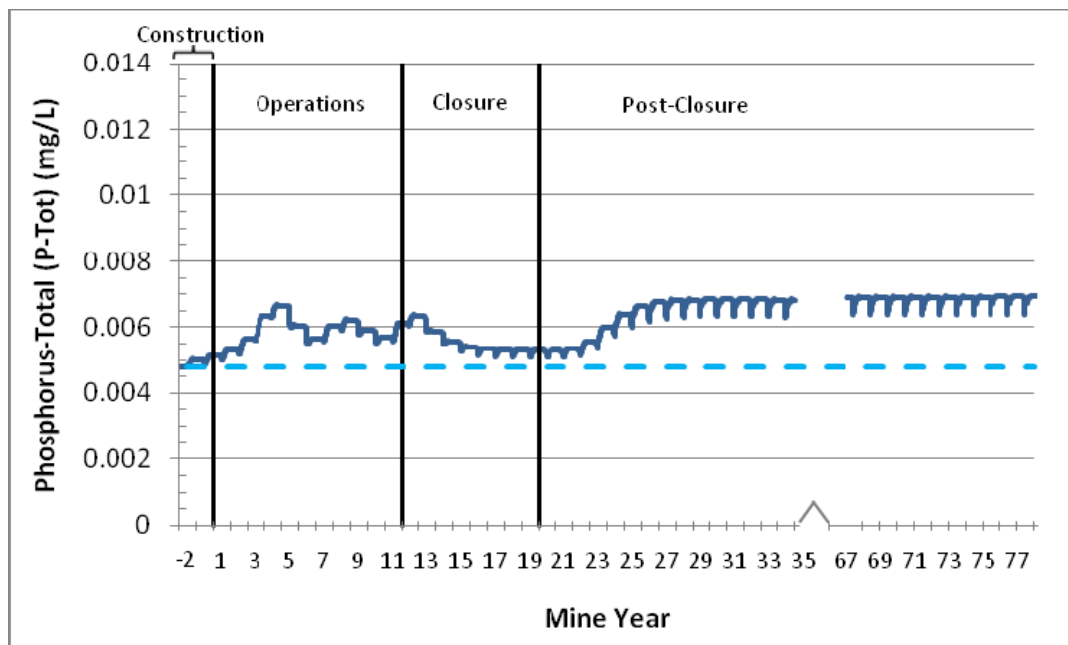
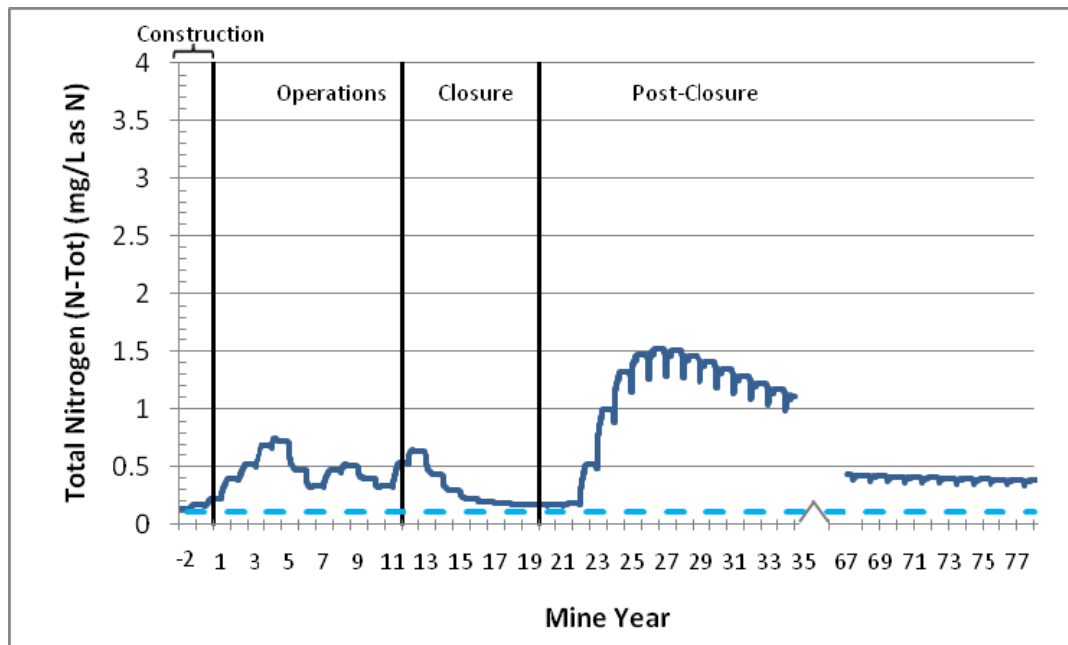
Dissolved and Total Metals (Lake N11) (continued)



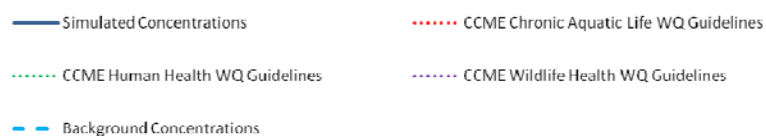
Nutrients and Anions (Lake 410)



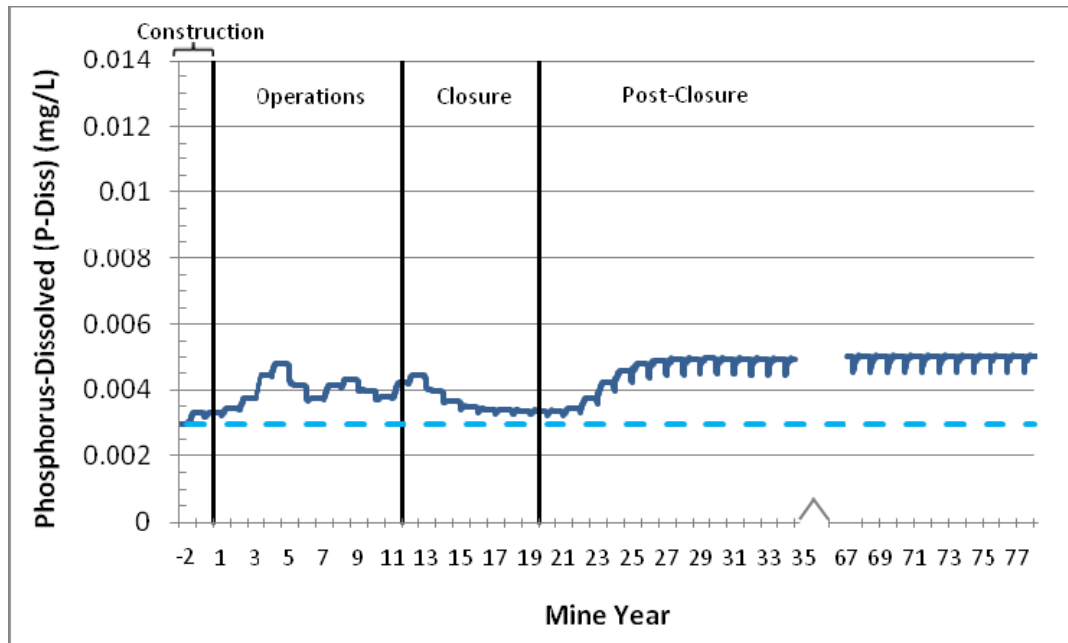
Nutrients and Anions (Lake 410) (continued)



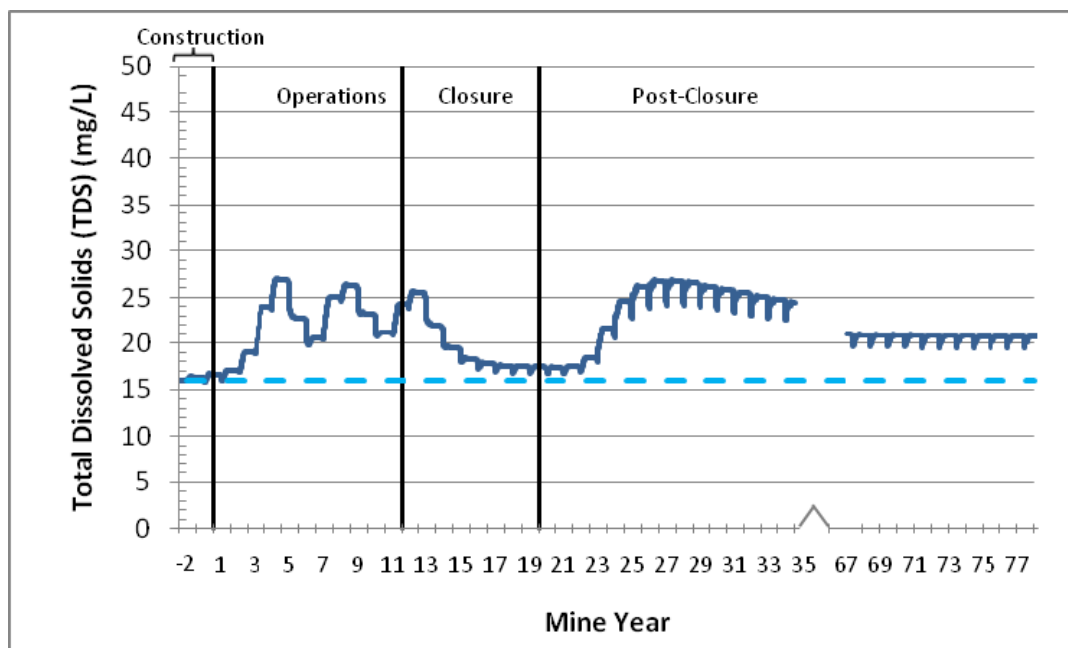
Note: Projected total phosphorus with supplemental mitigation



Nutrients and Anions (Lake 410) (continued)



Note: Projected phosphorus dissolved with supplemental mitigation



— Simulated Concentrations

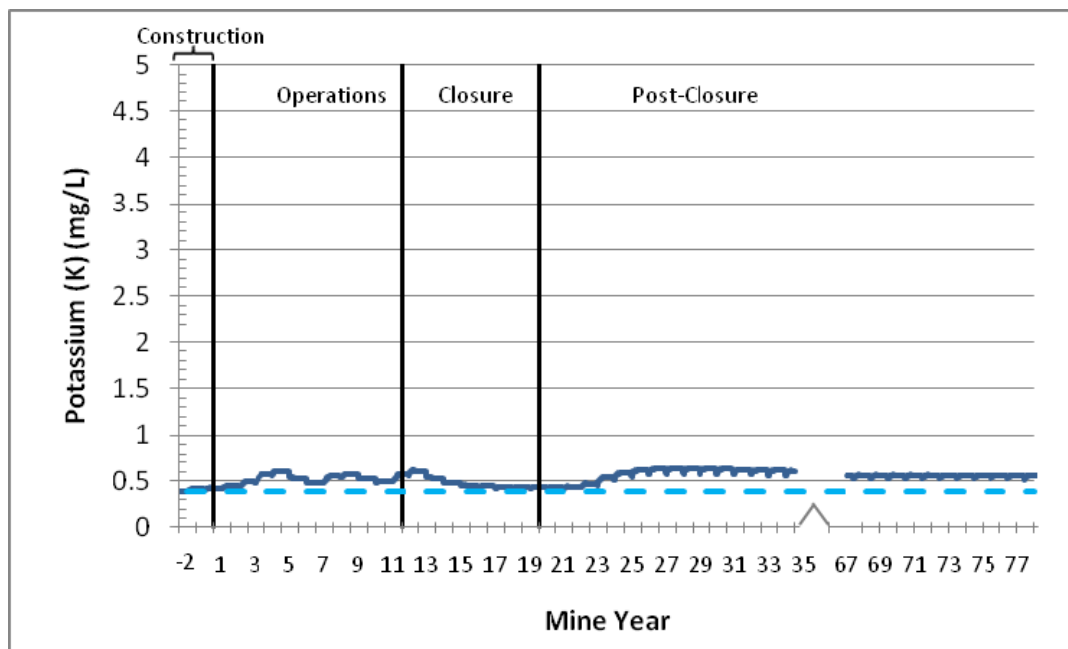
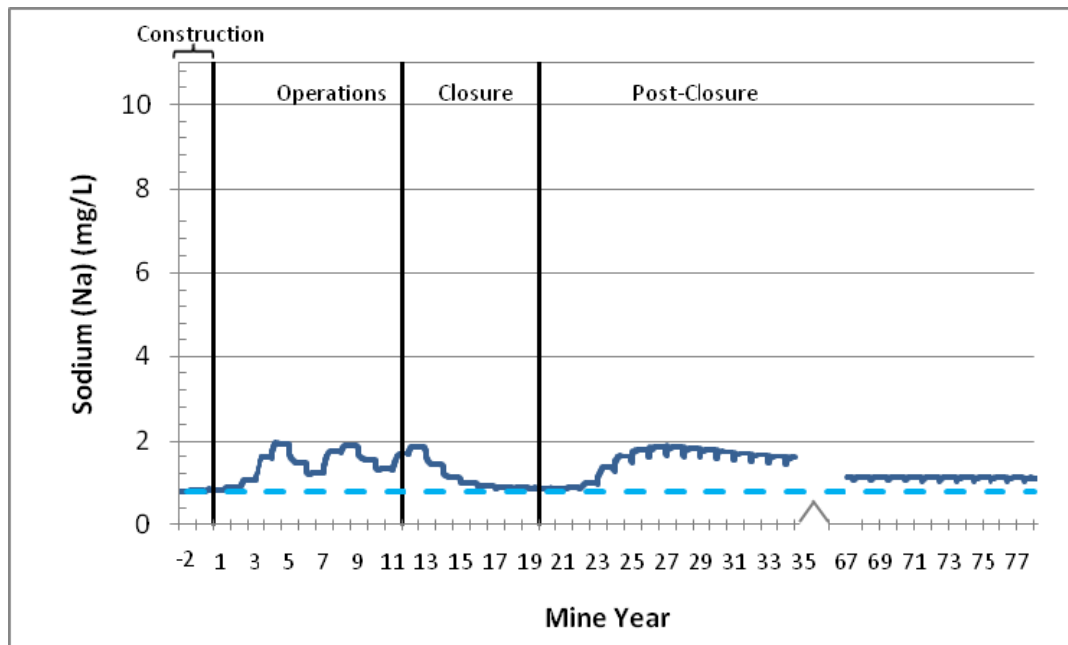
..... CCME Chronic Aquatic Life WQ Guidelines

..... CCME Human Health WQ Guidelines

..... CCME Wildlife Health WQ Guidelines

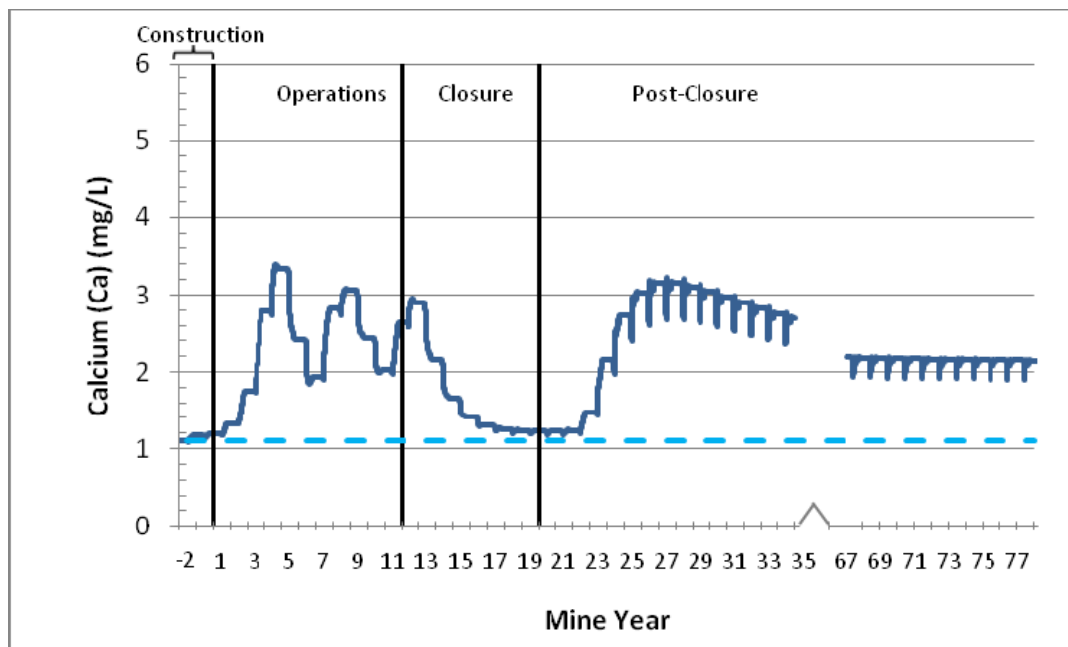
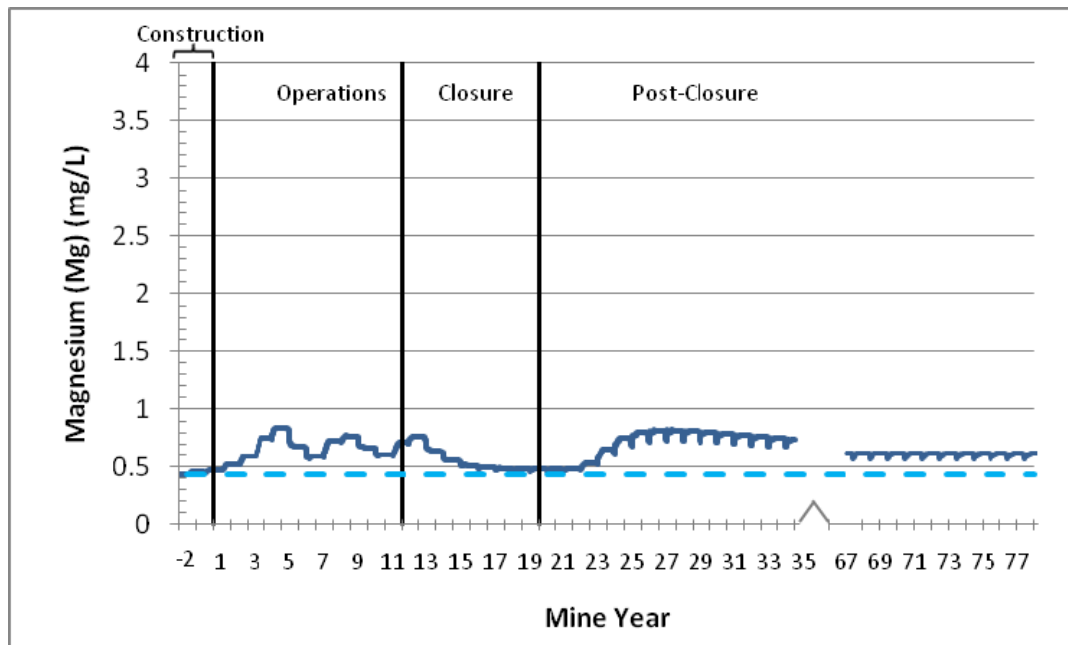
- - - Background Concentrations

Nutrients and Anions (Lake 410) (continued)



— Simulated Concentrations
..... CCME Chronic Aquatic Life WQ Guidelines
..... CCME Human Health WQ Guidelines
..... CCME Wildlife Health WQ Guidelines
- - - Background Concentrations

Nutrients and Anions (Lake 410) (continued)



— Simulated Concentrations

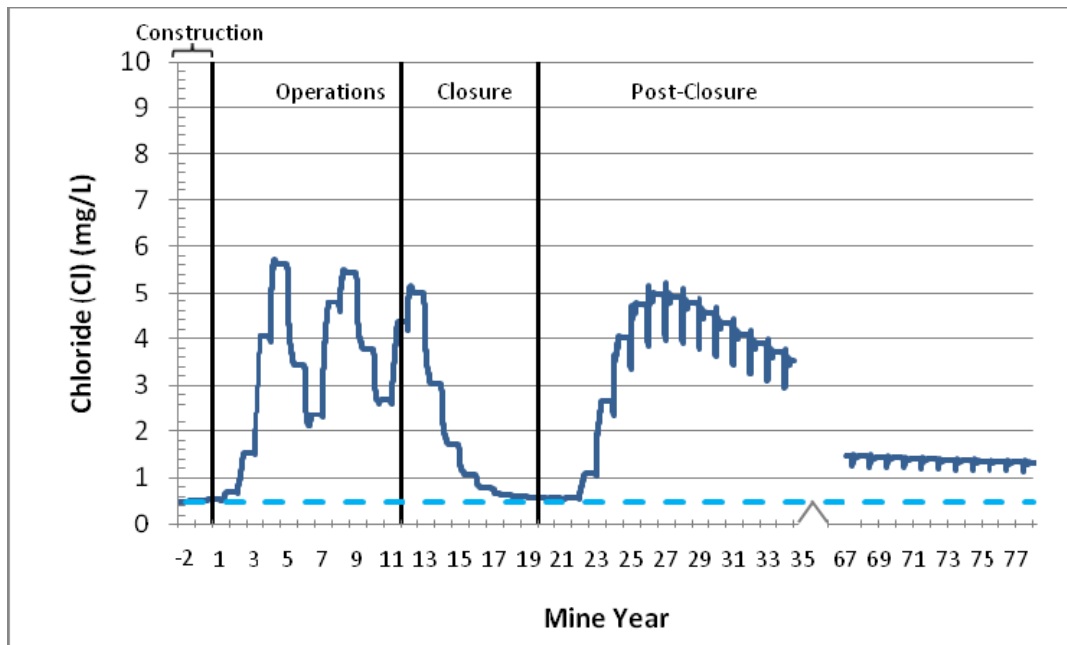
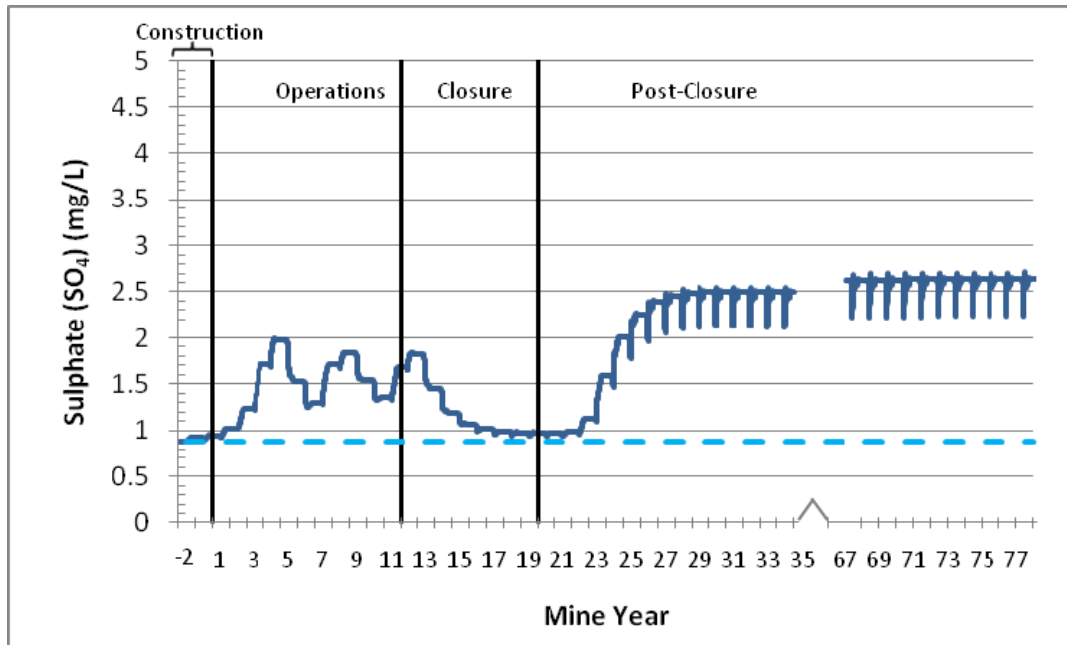
..... CCME Chronic Aquatic Life WQ Guidelines

..... CCME Human Health WQ Guidelines

..... CCME Wildlife Health WQ Guidelines

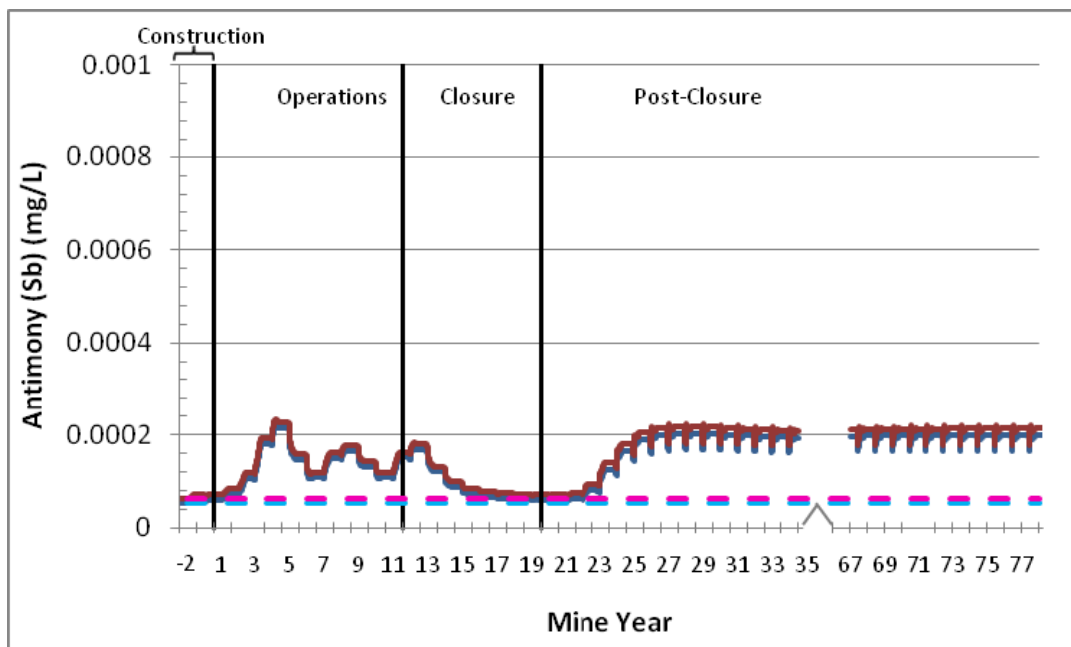
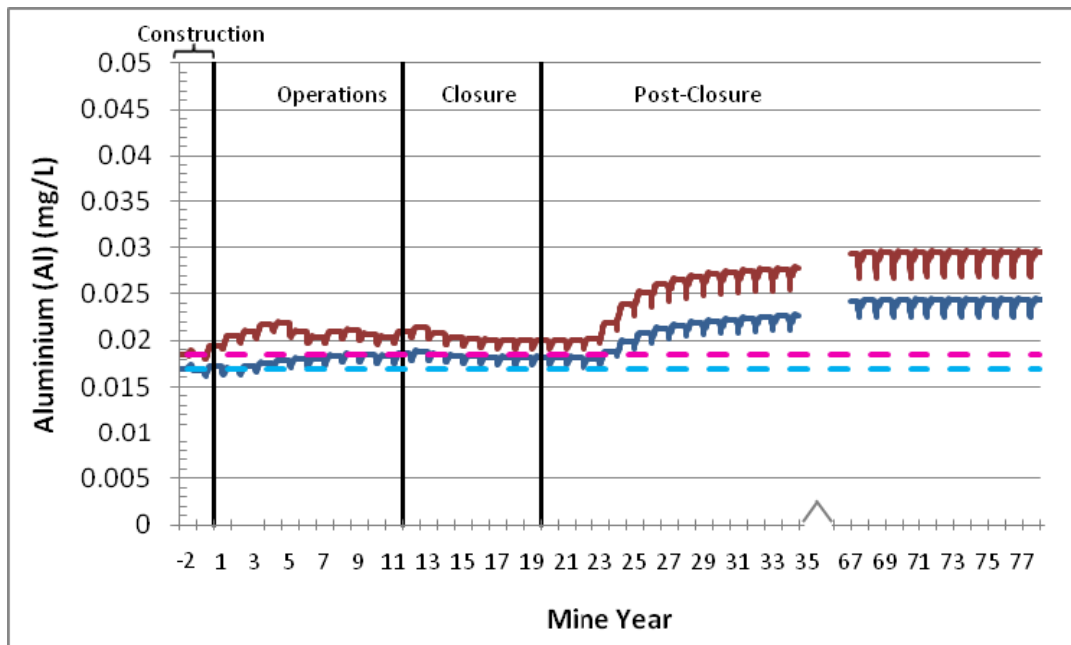
- - - Background Concentrations

Nutrients and Anions (Lake 410) (continued)



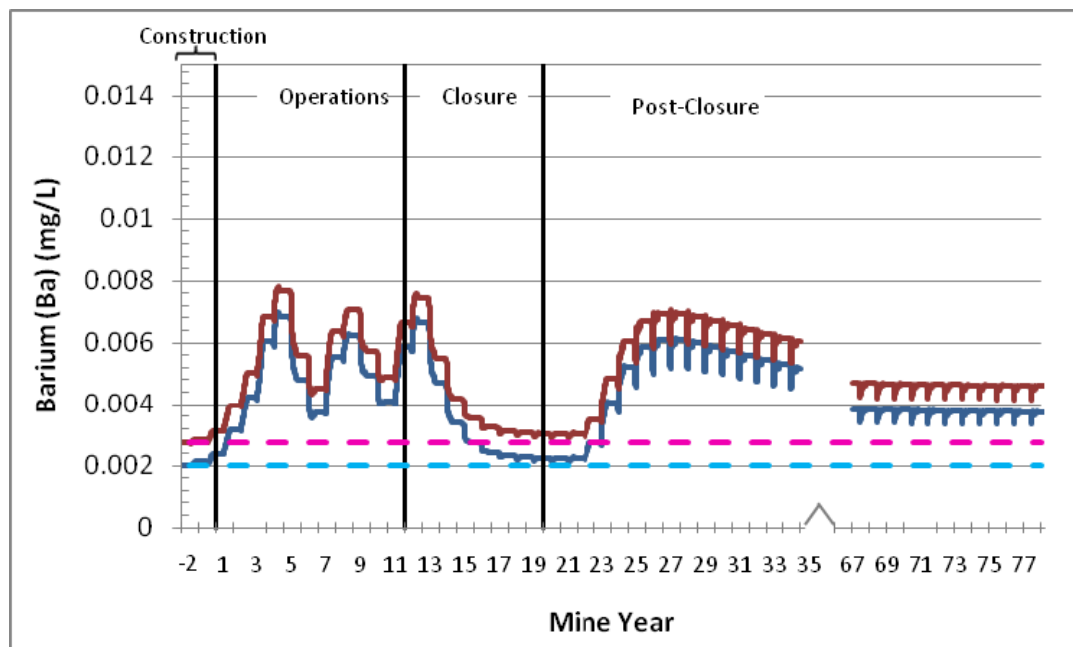
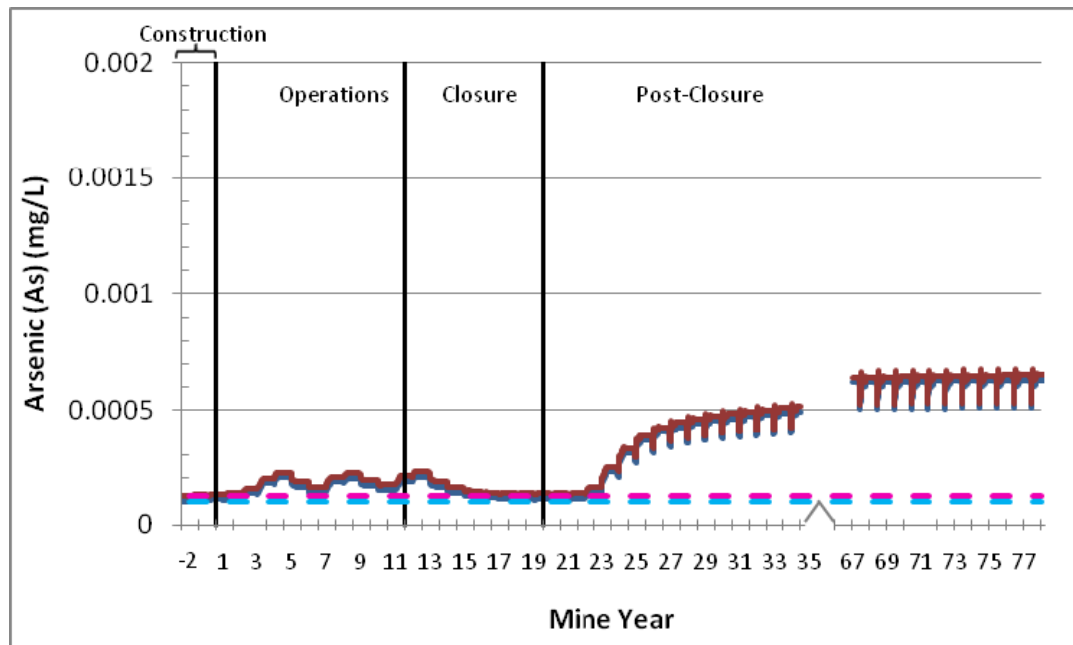
— Simulated Concentrations
 CCME Chronic Aquatic Life WQ Guidelines
 CCME Human Health WQ Guidelines
 CCME Wildlife Health WQ Guidelines
 - - - Background Concentrations

Dissolved and Total Metals (Lake 410)



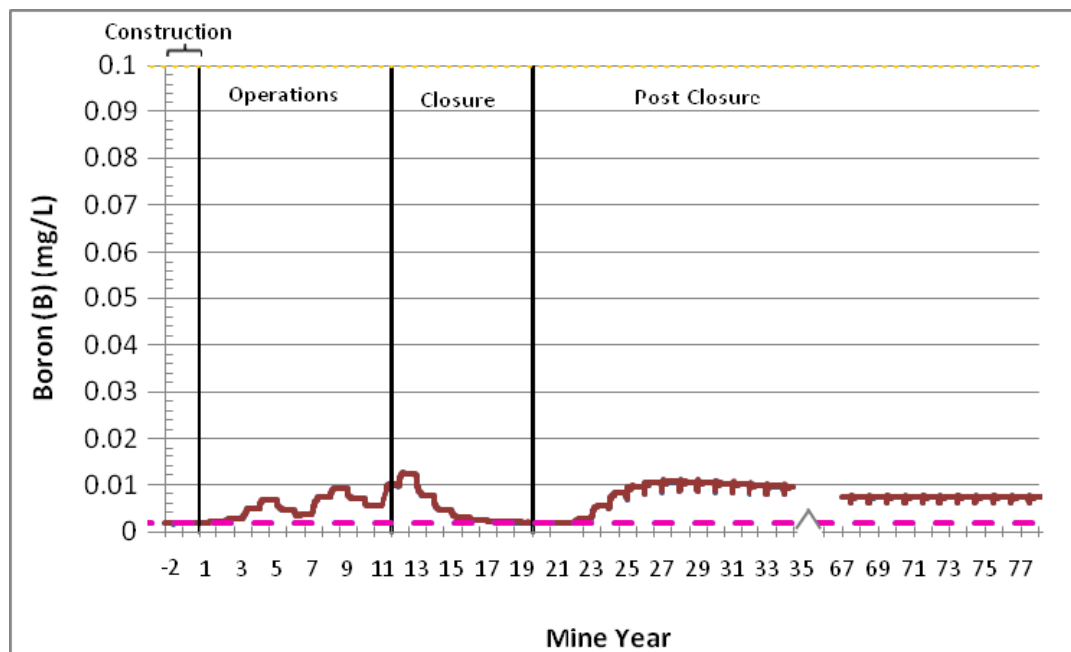
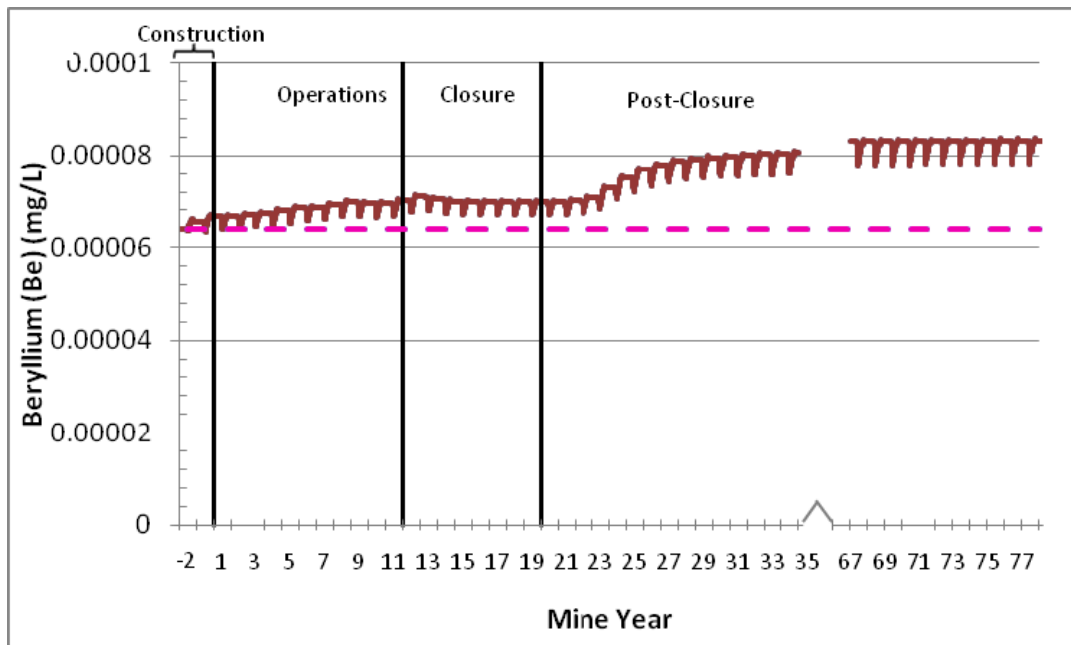
— Simulated Dissolved Concentrations — Simulated Total Concentrations
 CCME Chronic Aquatic Life WQ Guidelines CCME Human Health WQ Guidelines
 CCME Wildlife Health WQ Guidelines CEB
 - - - Background Dissolved Concentrations - - - Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



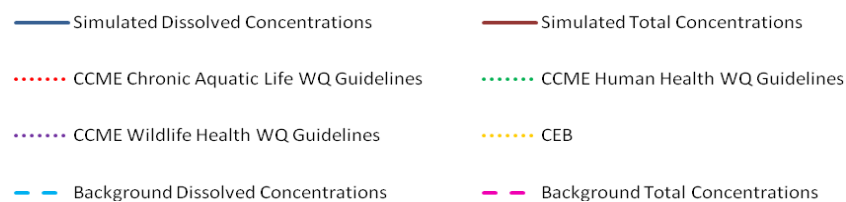
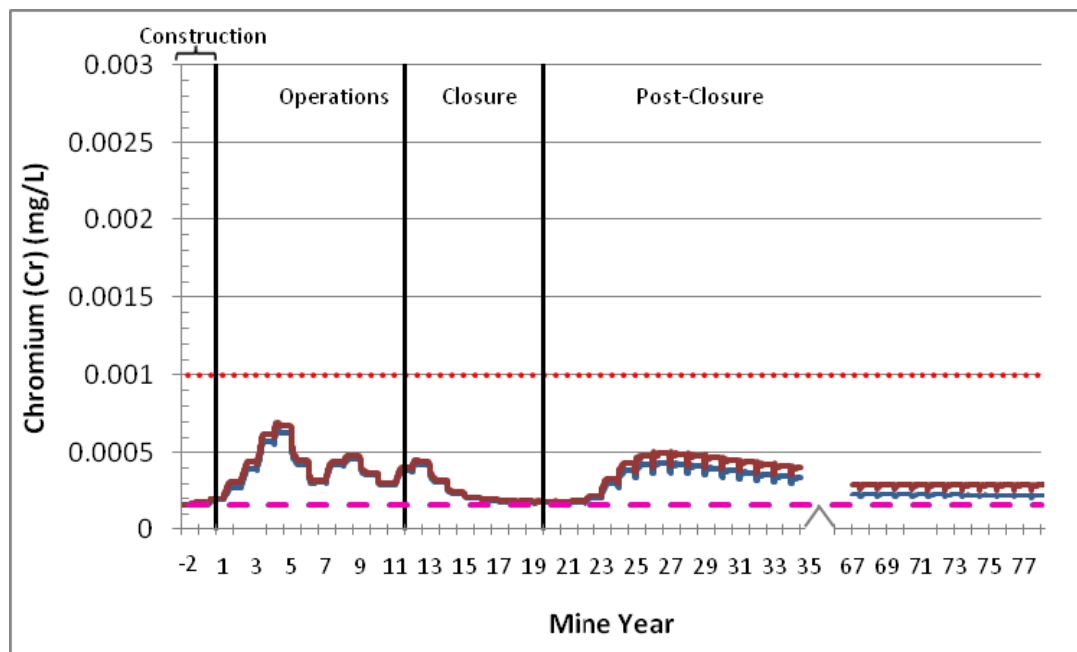
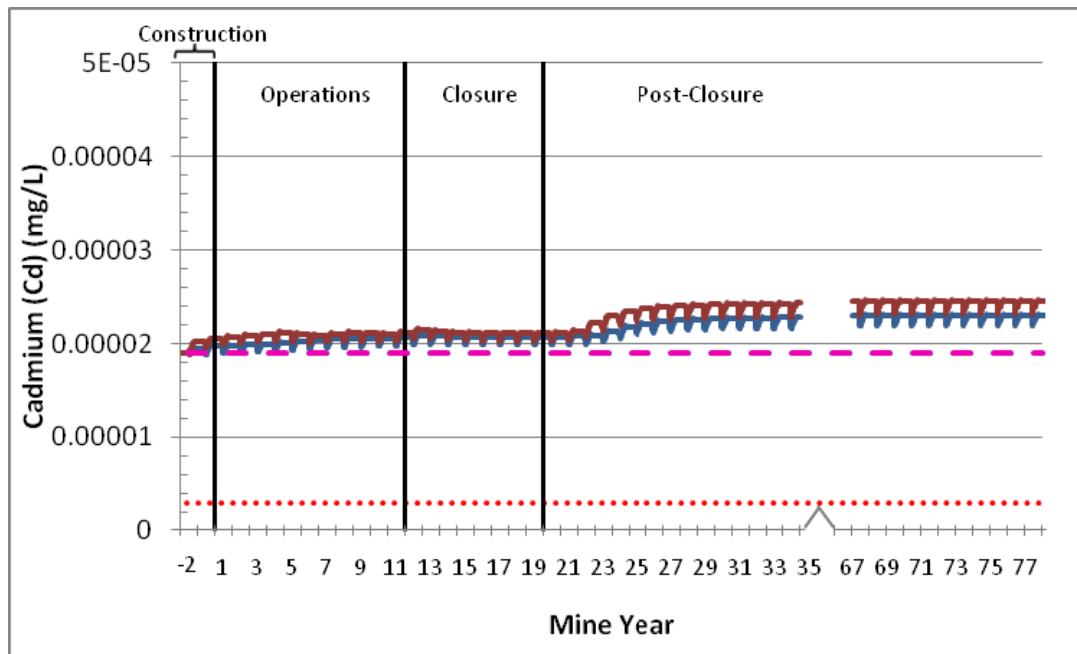
- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| — Background Dissolved Concentrations | — Background Total Concentrations |

Dissolved and Total Metals (Lake 410) (continued)

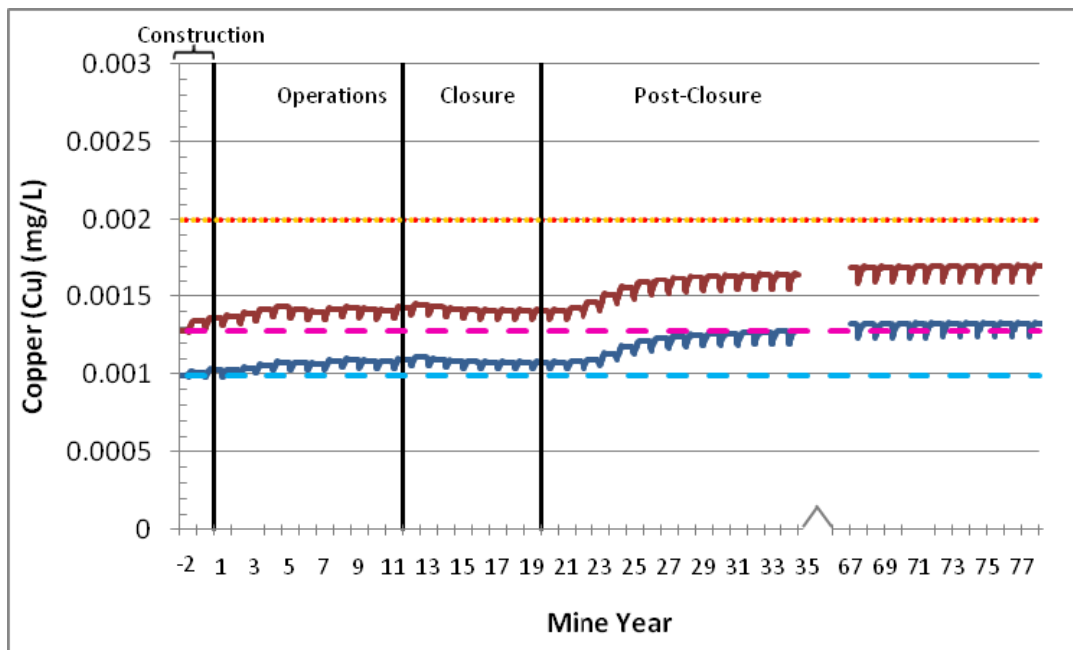
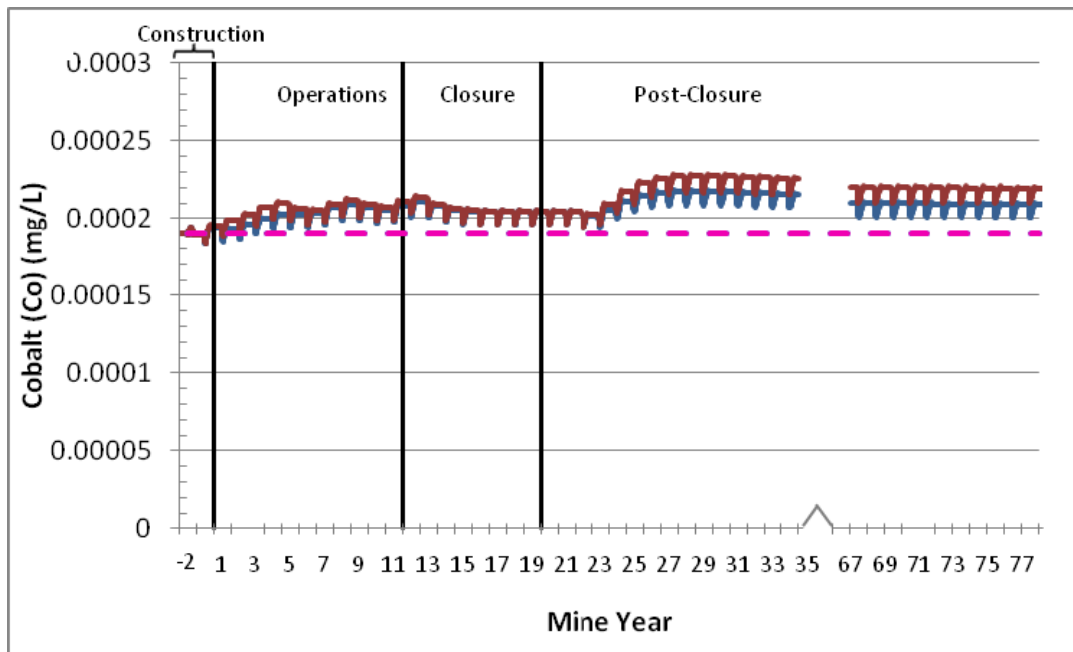


- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| — Background Dissolved Concentrations | — Background Total Concentrations |

Dissolved and Total Metals (Lake 410) (continued)

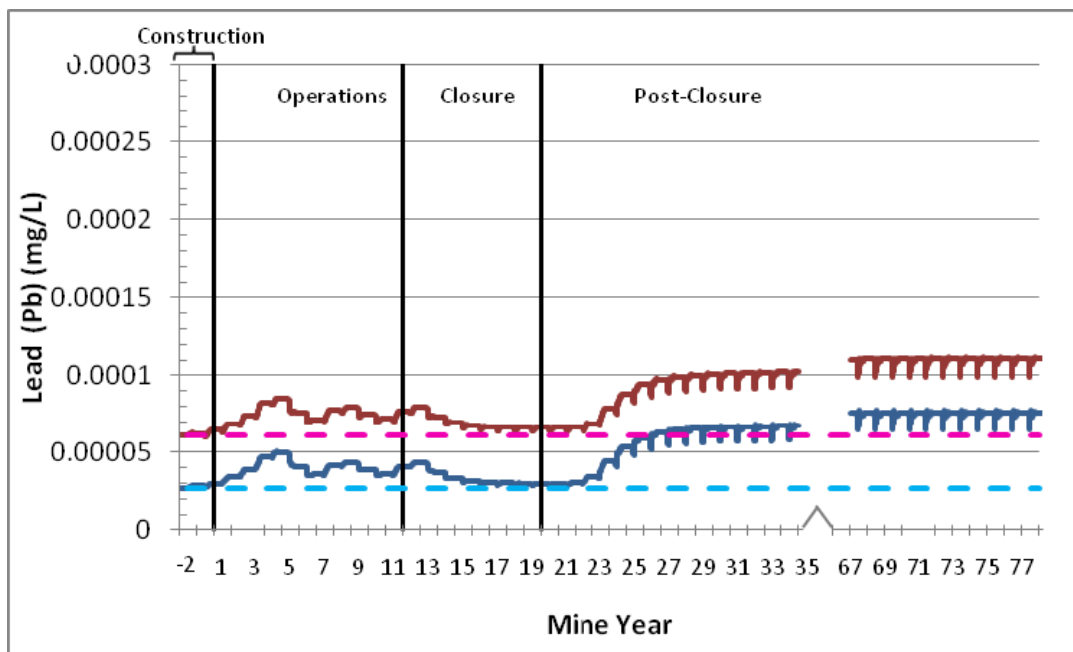
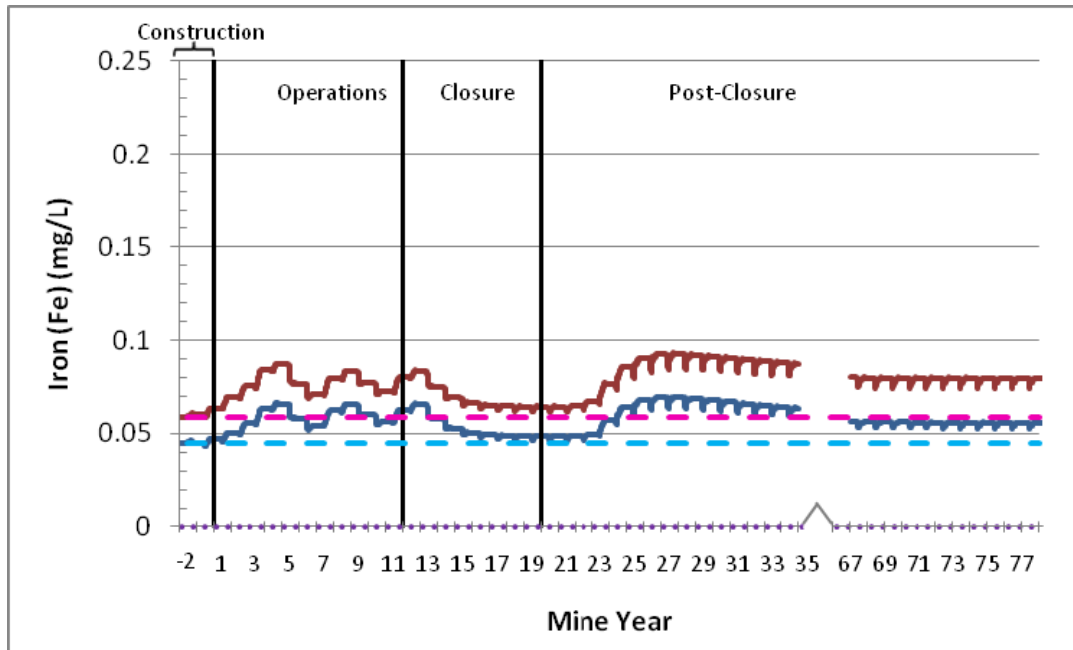


Dissolved and Total Metals (Lake 410) (continued)



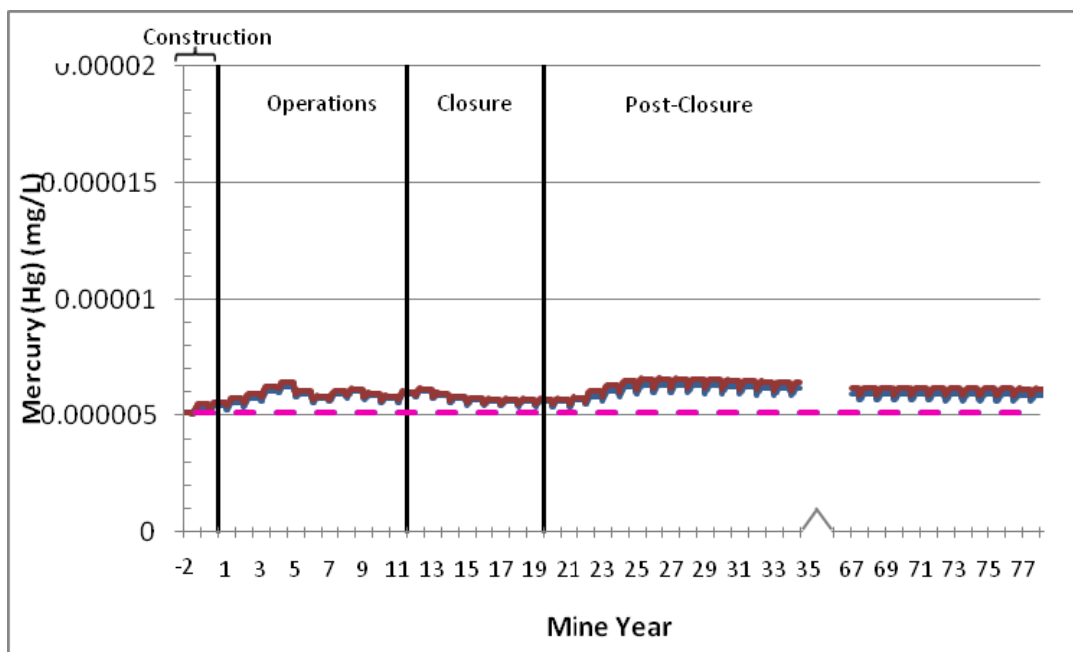
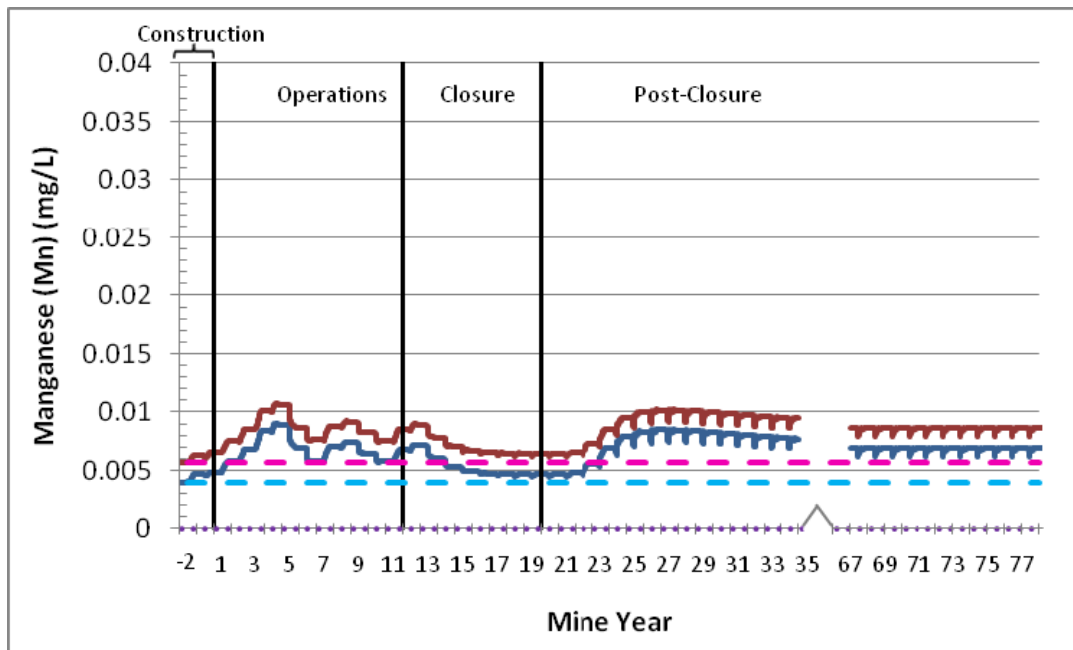
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



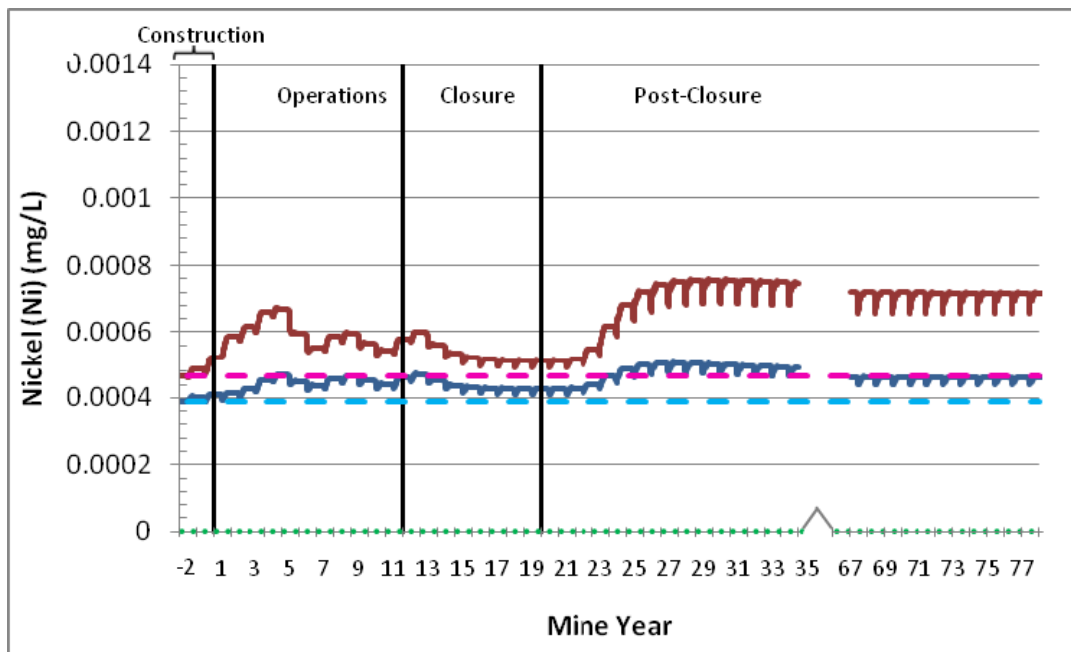
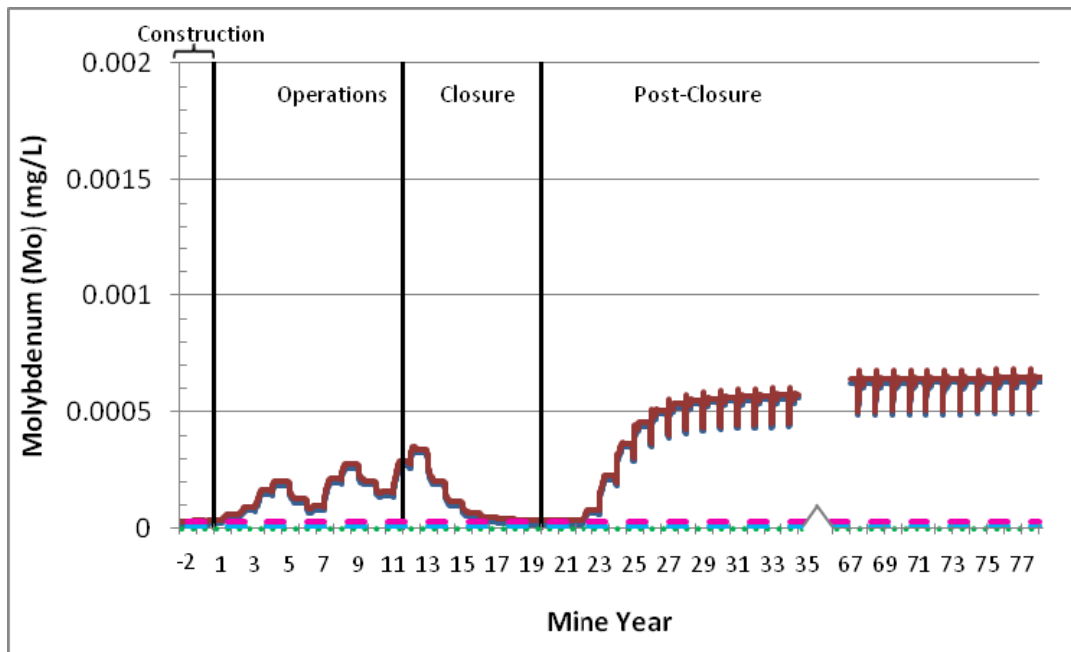
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- - - Background Dissolved Concentrations
- - - Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



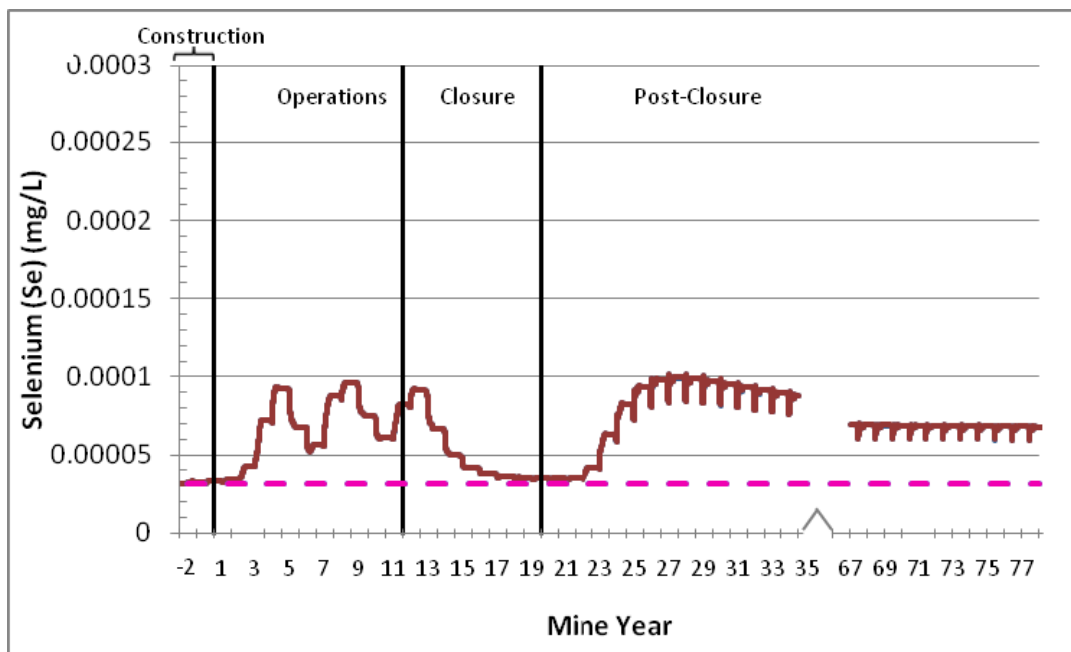
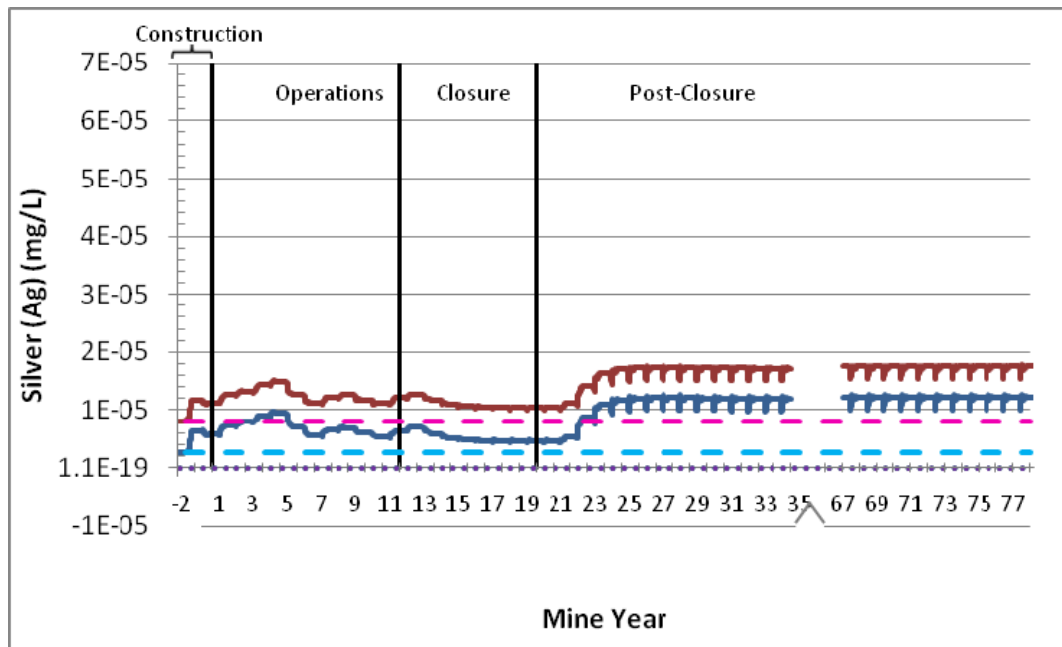
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- - - Background Dissolved Concentrations
- - - Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



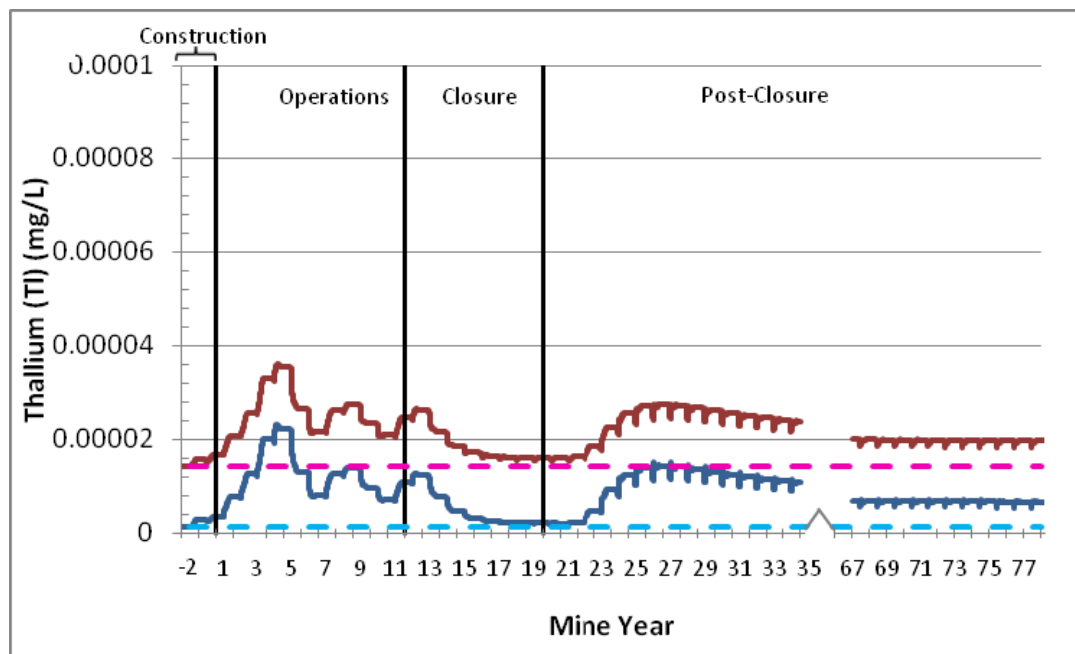
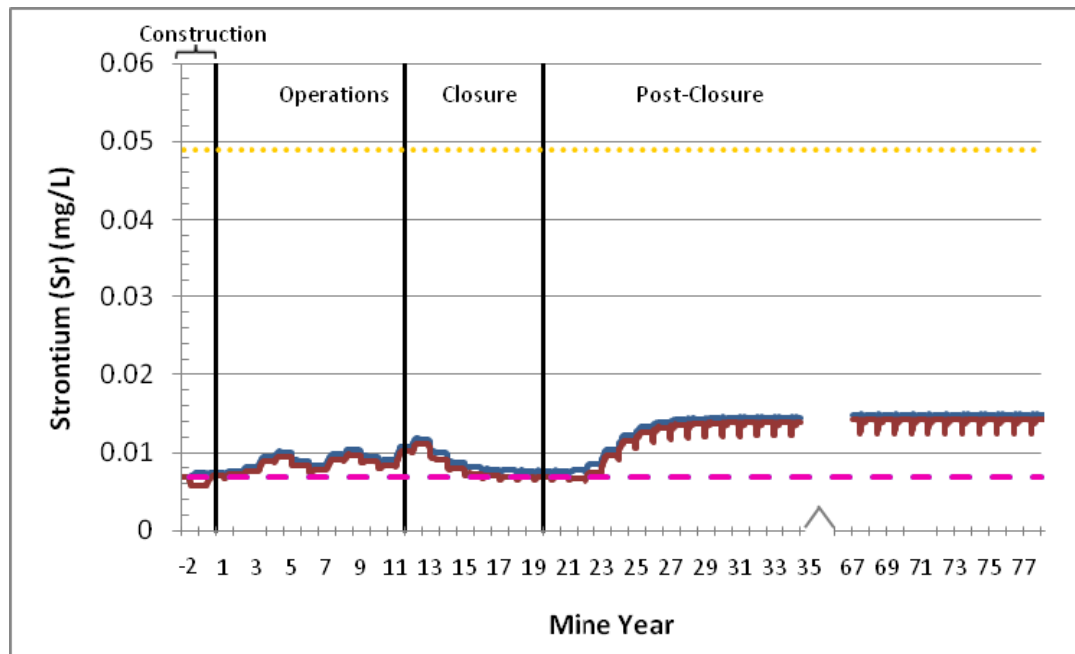
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- - - Background Dissolved Concentrations
- - - Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



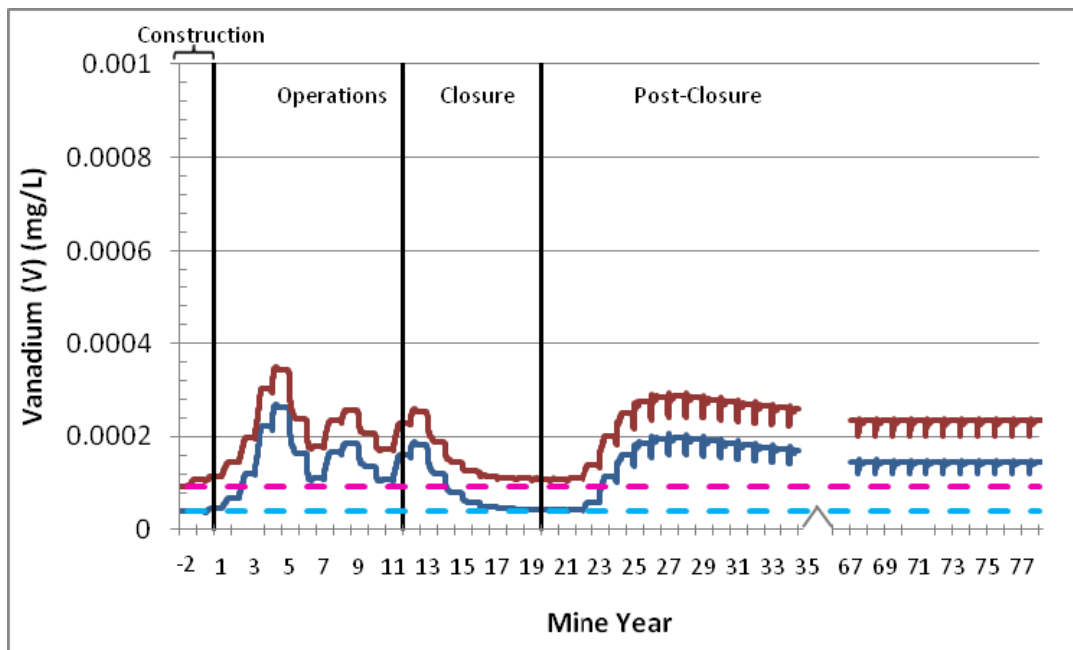
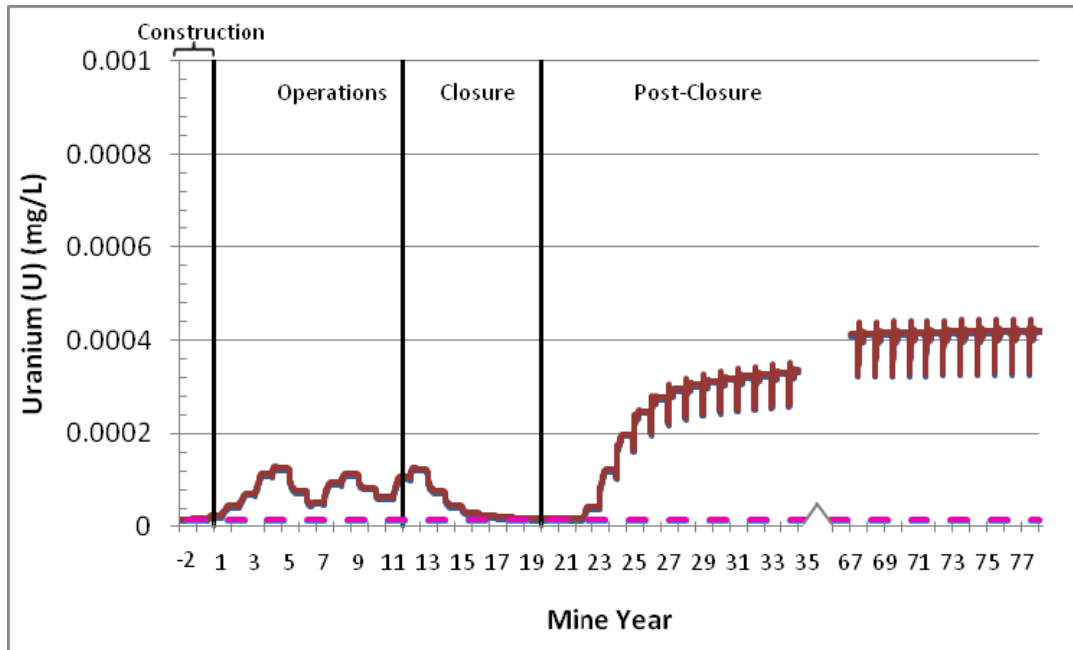
- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)



- | | |
|---|---------------------------------------|
| — Simulated Dissolved Concentrations | — Simulated Total Concentrations |
| CCME Chronic Aquatic Life WQ Guidelines | CCME Human Health WQ Guidelines |
| CCME Wildlife Health WQ Guidelines | CEB |
| — Background Dissolved Concentrations | — Background Total Concentrations |

Dissolved and Total Metals (Lake 410) (continued)



- Simulated Dissolved Concentrations
- Simulated Total Concentrations
- CCME Chronic Aquatic Life WQ Guidelines
- CCME Human Health WQ Guidelines
- CCME Wildlife Health WQ Guidelines
- CEB
- Background Dissolved Concentrations
- Background Total Concentrations

Dissolved and Total Metals (Lake 410) (continued)

