Appendix G

Culpability Analysis of Tailings Basin Features and Embarrass River Watershed Features for Tailings Basin-Proposed Action and Tailings Basin-Geotechnical Mitigation

Tailings Basin-Proposed Action

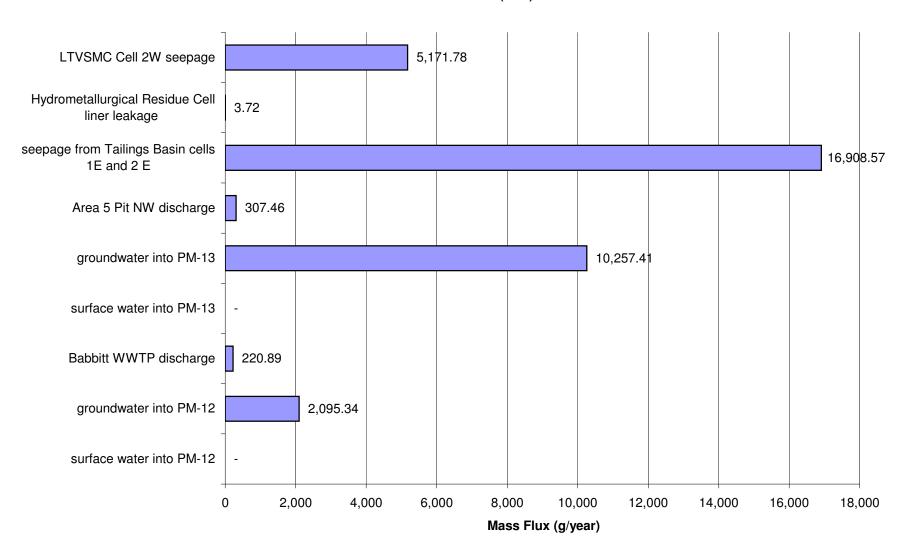
G.2 Embarrass River Watershed

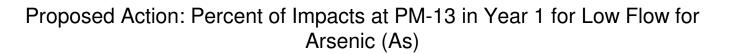
Tailings Basin-Geotechnical Mitigation

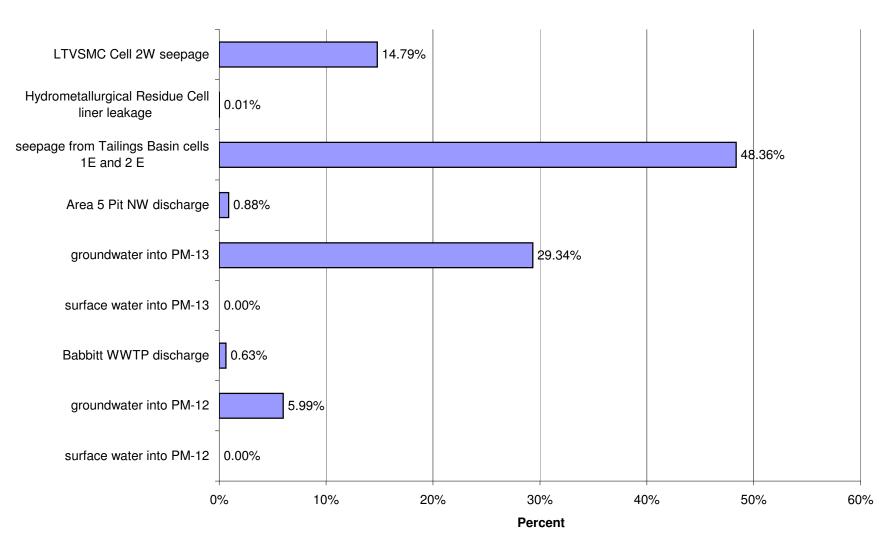
G.4 Embarrass River Watershed

Appendix G.2 Embarrass River Watershed Proposed Action

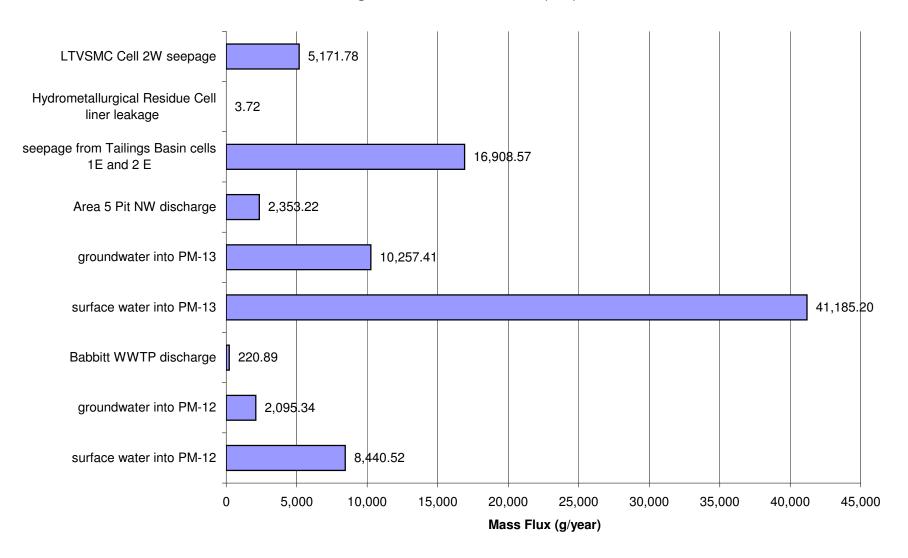
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Arsenic (As)

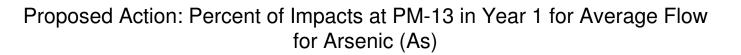


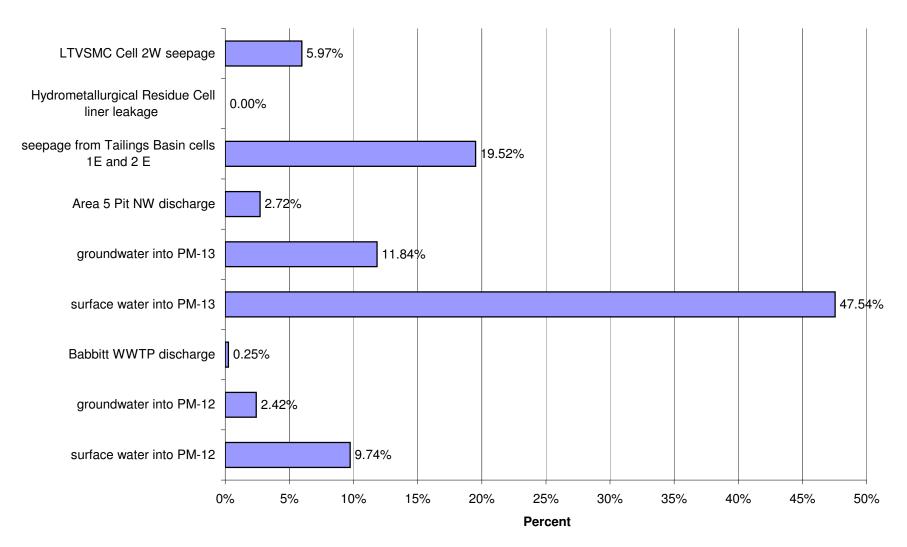




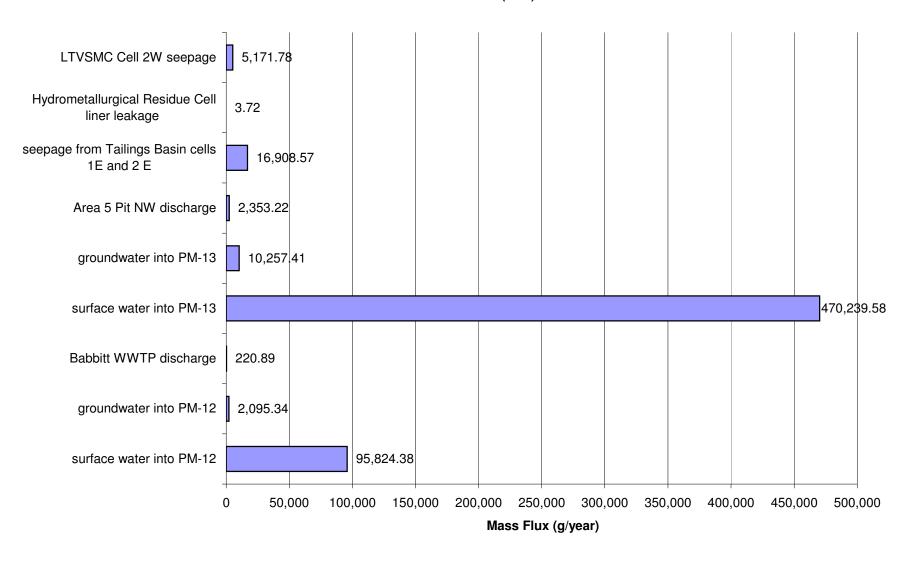
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Arsenic (As)



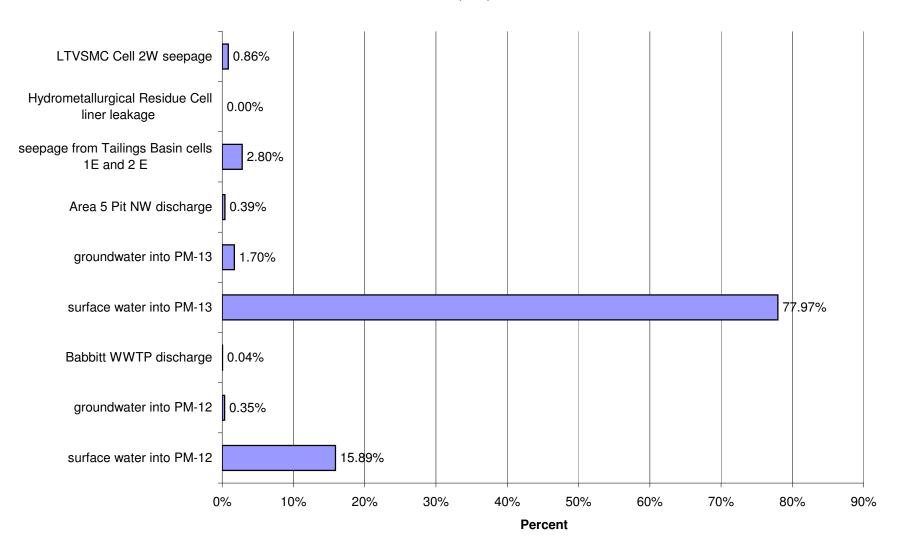




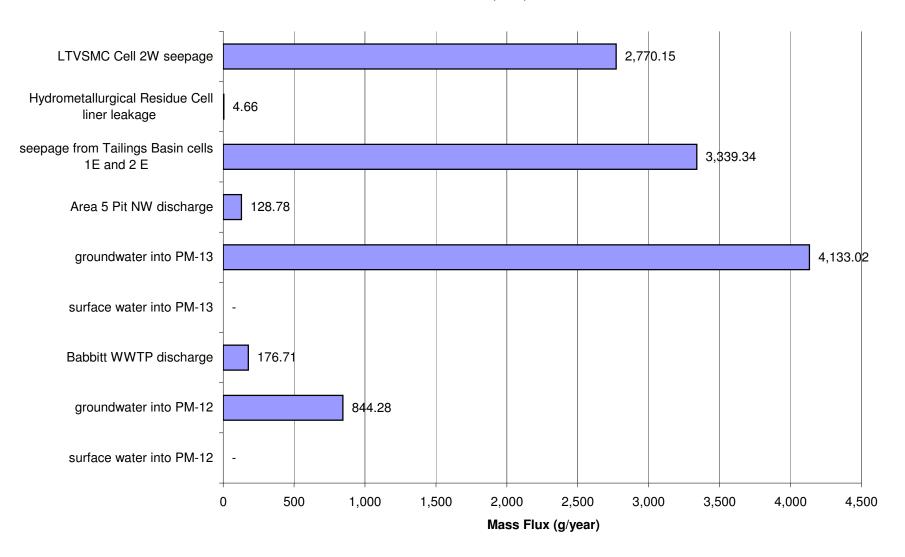
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for High Flow for Arsenic (As)



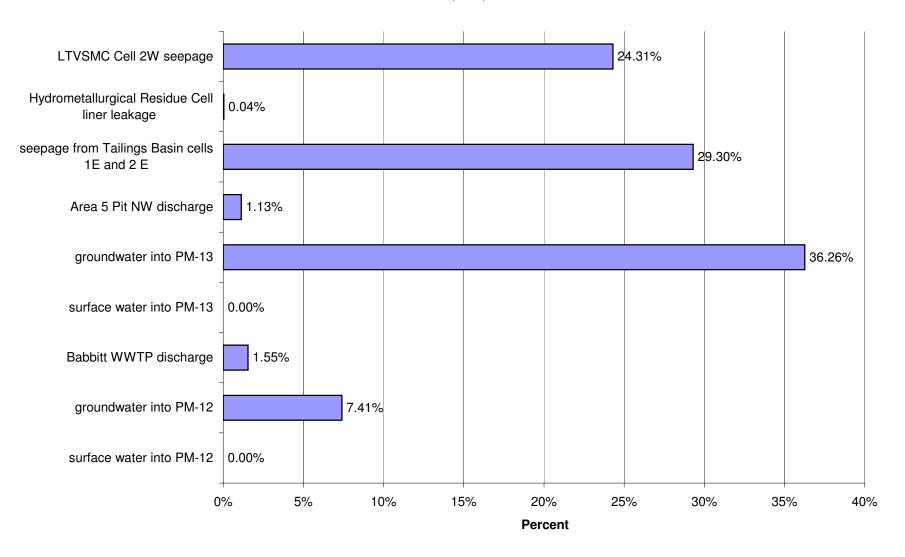
Proposed Action: Percent of Impacts at PM-13 in Year 1 for High Flow for Arsenic (As)



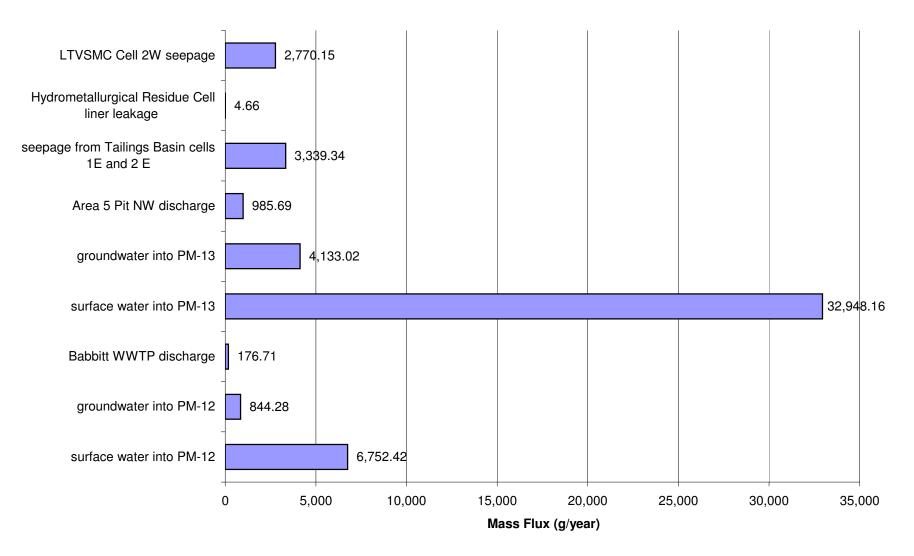
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Cobalt (Co)

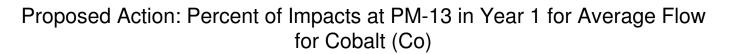


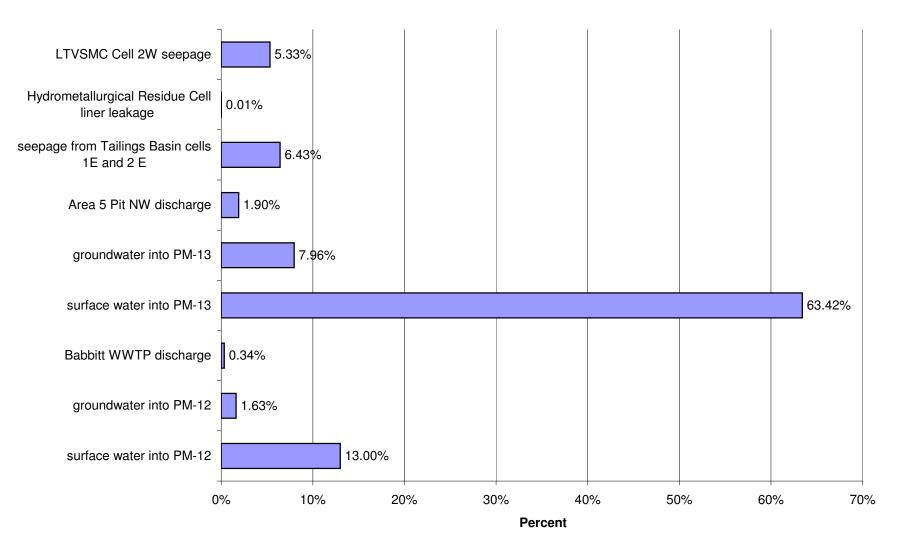
Proposed Action: Percent of Impacts at PM-13 in Year 1 for Low Flow for Cobalt (Co)



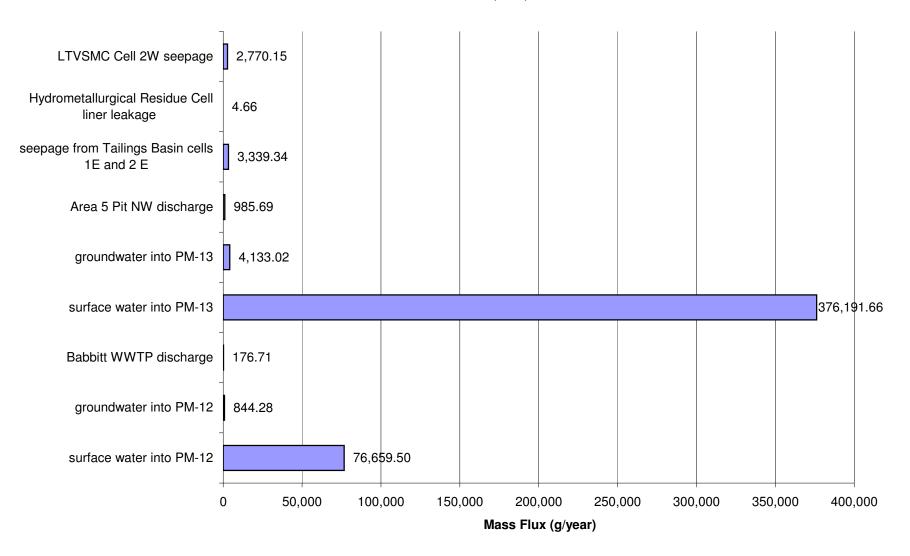
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Cobalt (Co)



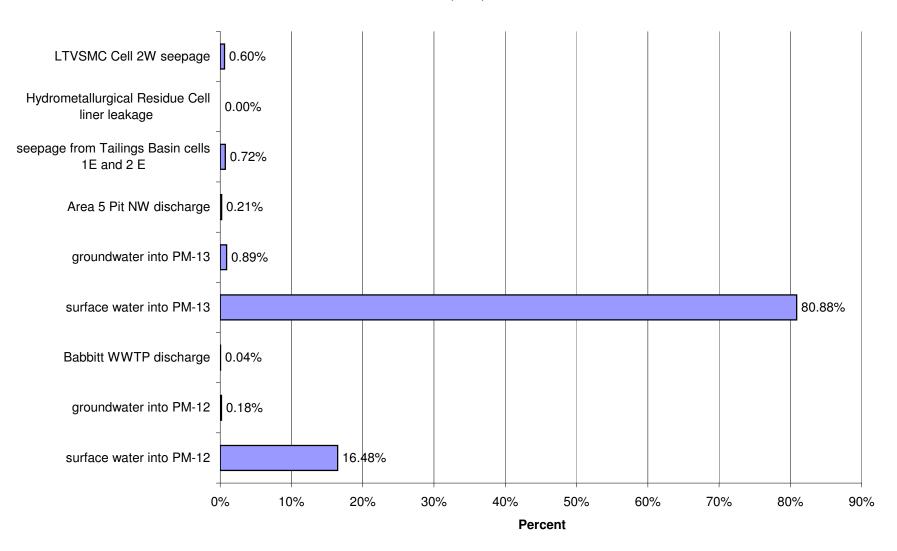




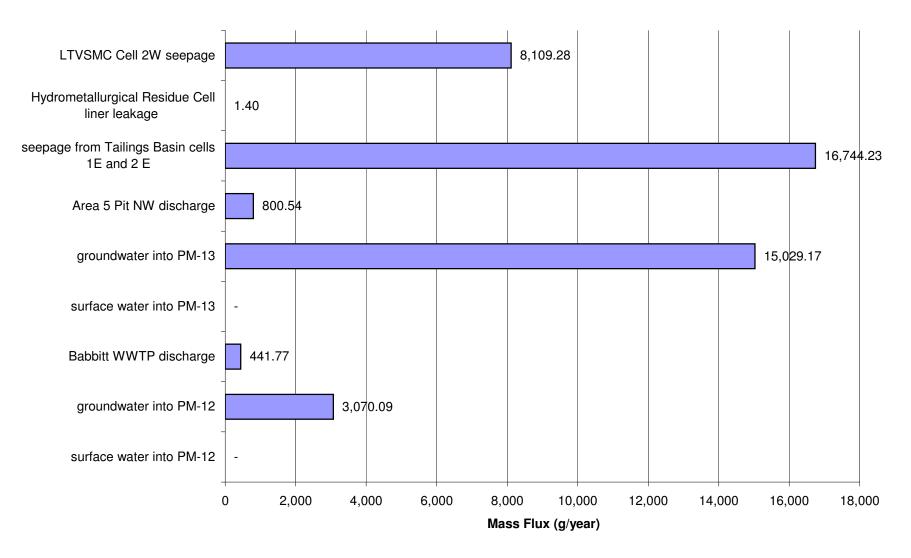
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for High Flow for Cobalt (Co)



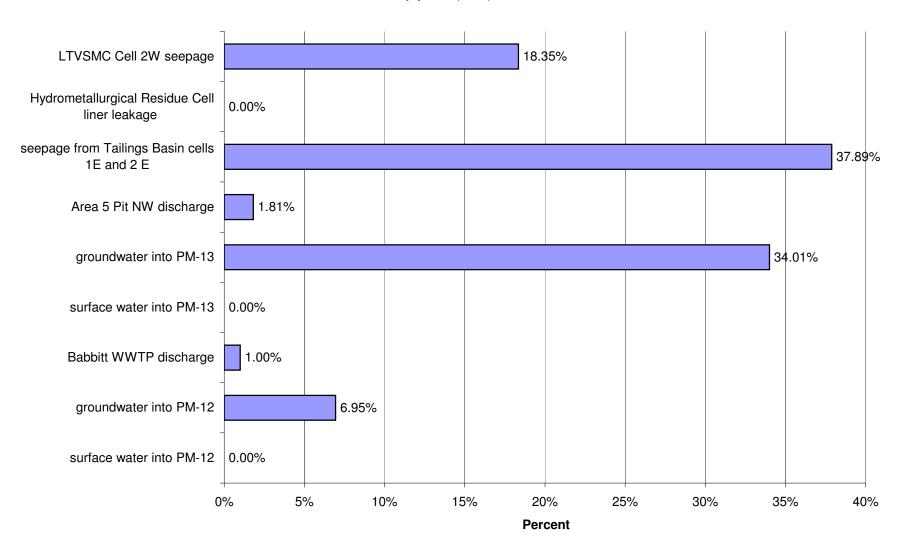
Proposed Action: Percent of Impacts at PM-13 in Year 1 for High Flow for Cobalt (Co)



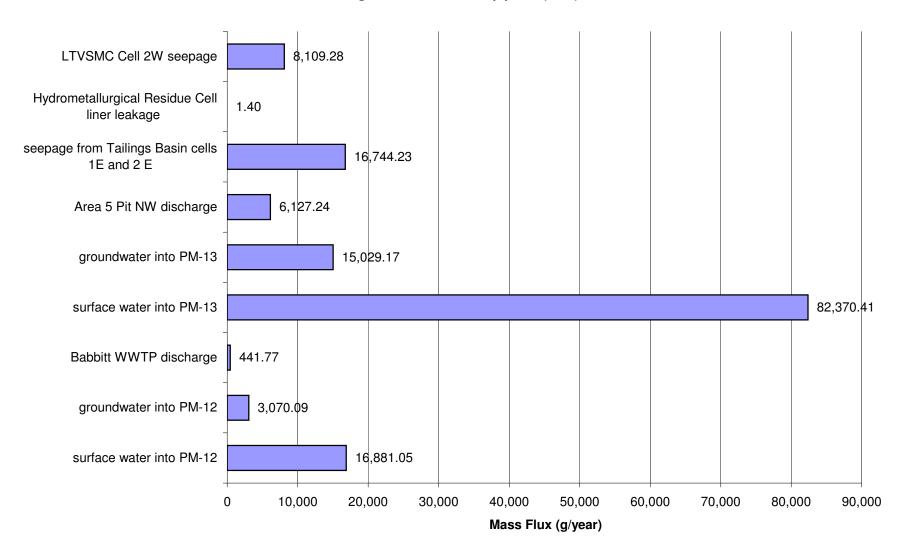
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Copper (Cu)

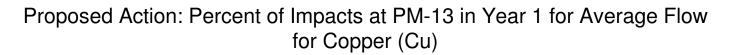


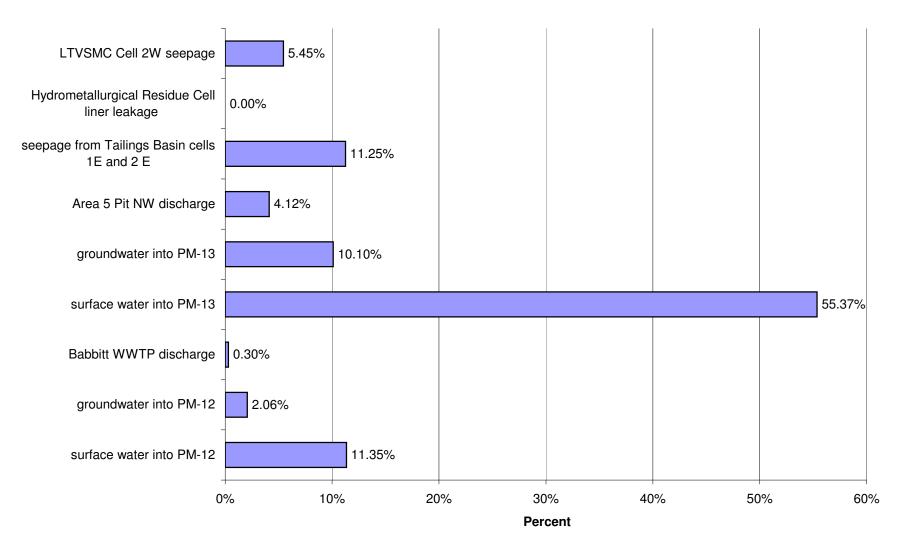
Proposed Action: Percent of Impacts at PM-13 in Year 1 for Low Flow for Copper (Cu)



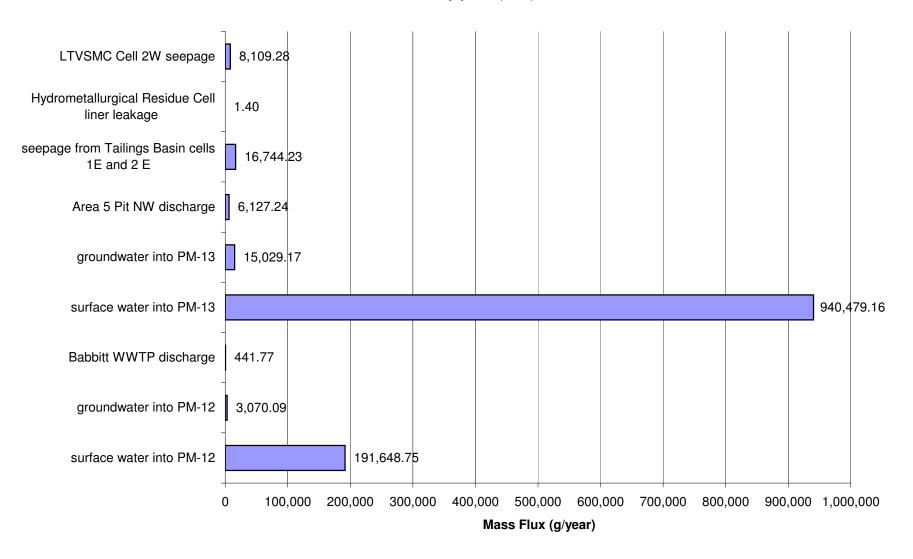
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Copper (Cu)



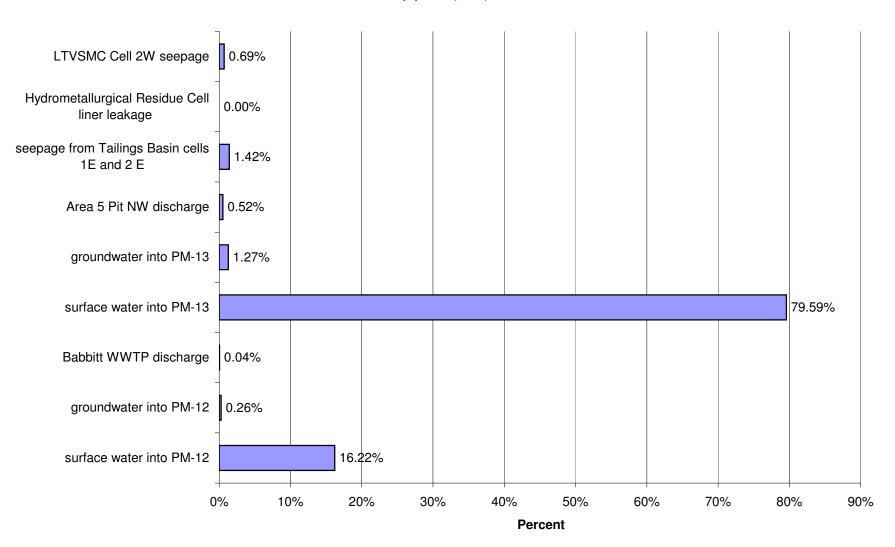




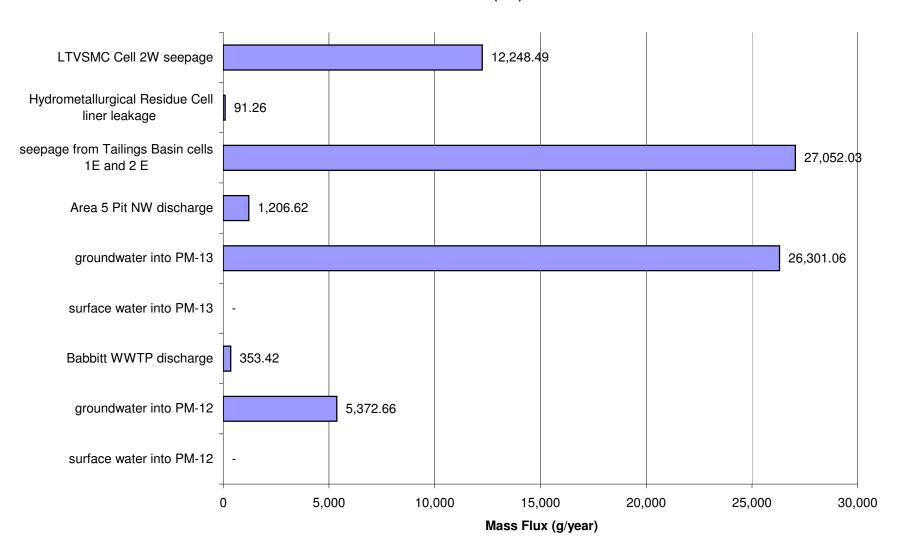
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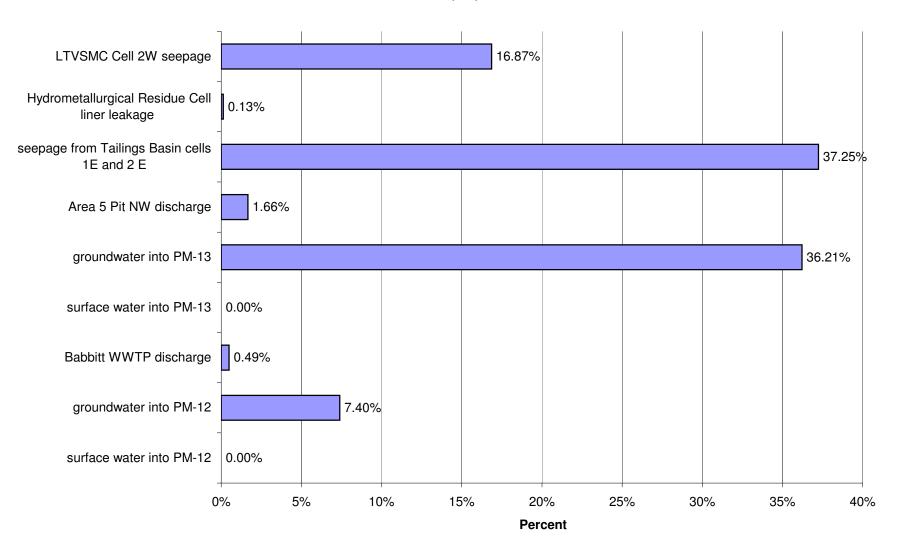
Proposed Action: Percent of Impacts at PM-13 in Year 1 for High Flow for Copper (Cu)



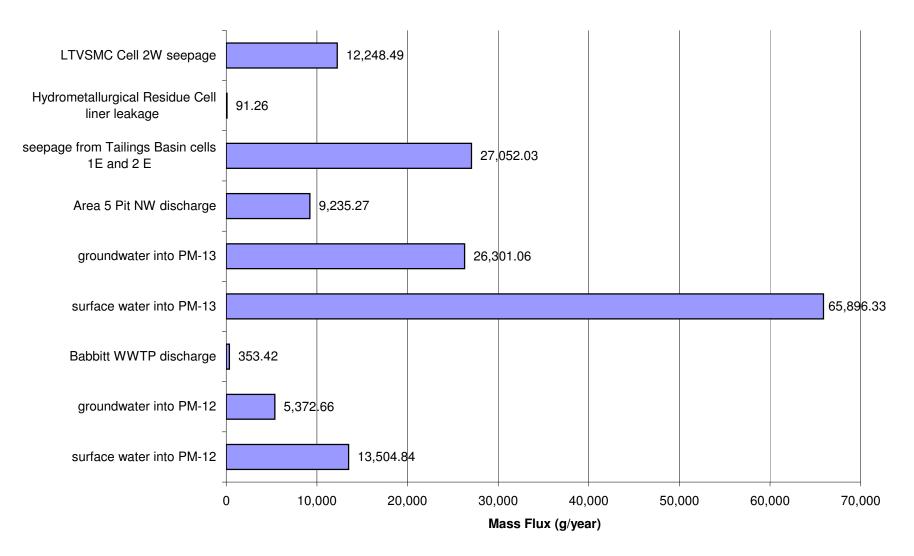
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Nickel (Ni)

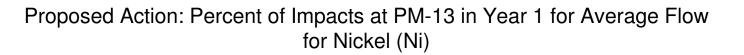


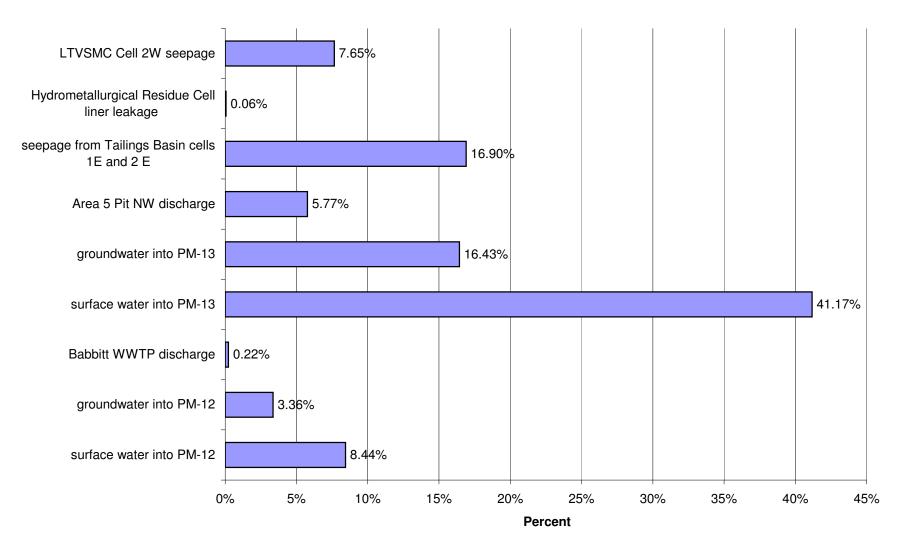
Proposed Action: Percent of Impacts at PM-13 in Year 1 for Low Flow for Nickel (Ni)



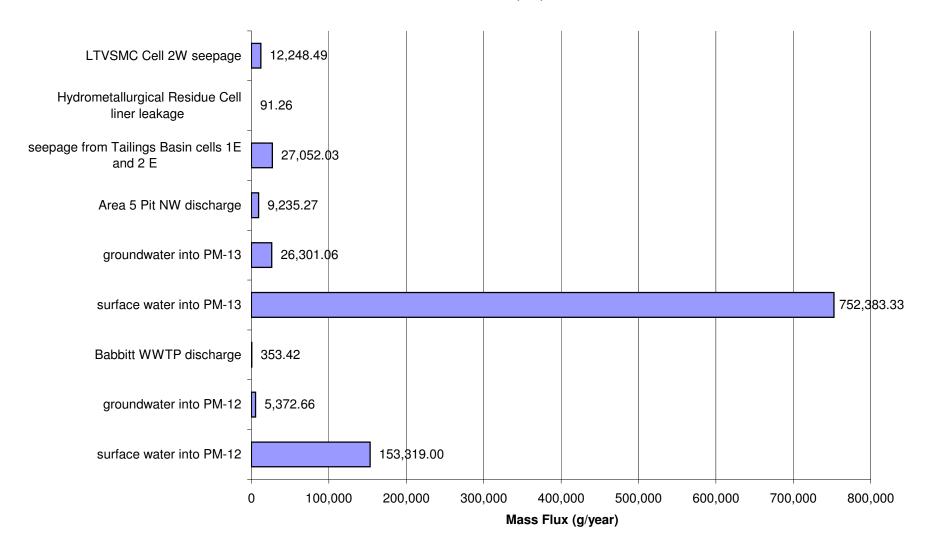
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Nickel (Ni)



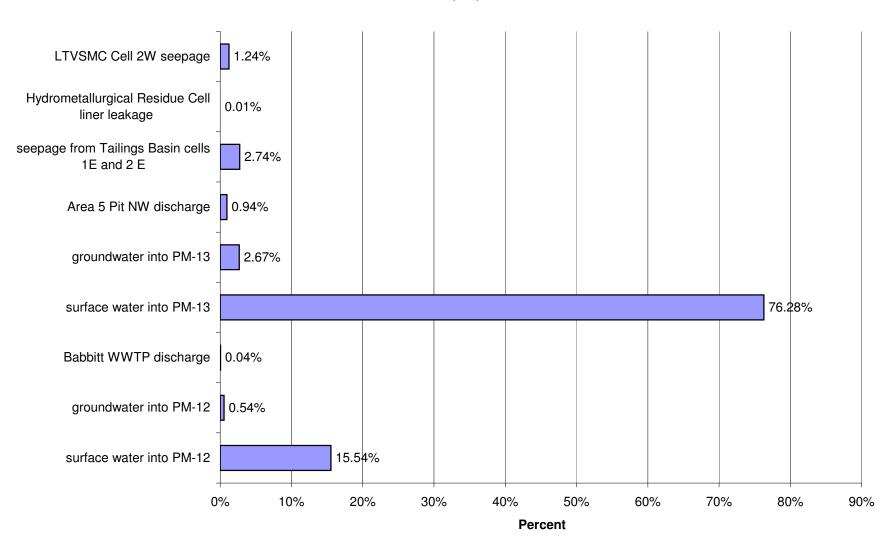




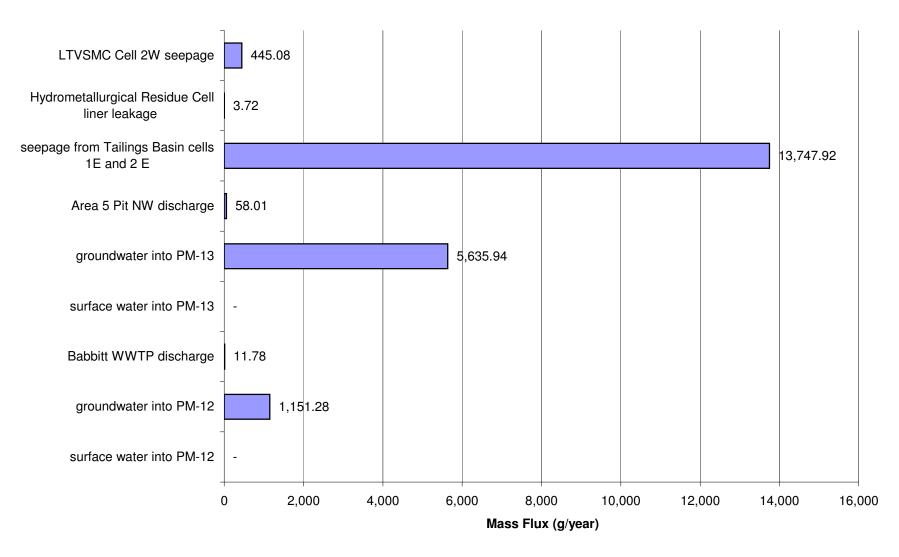
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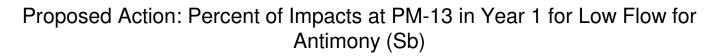


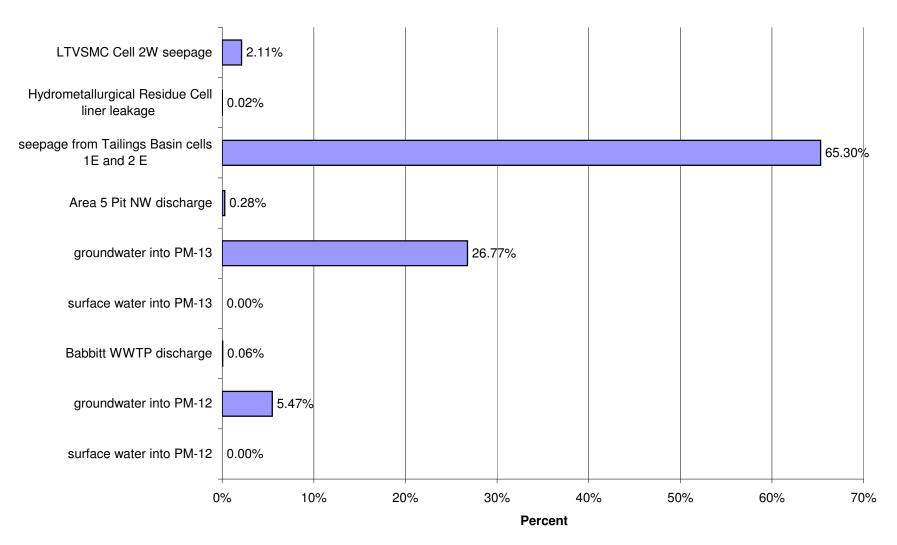
Proposed Action: Percent of Impacts at PM-13 in Year 1 for High Flow for Nickel (Ni)



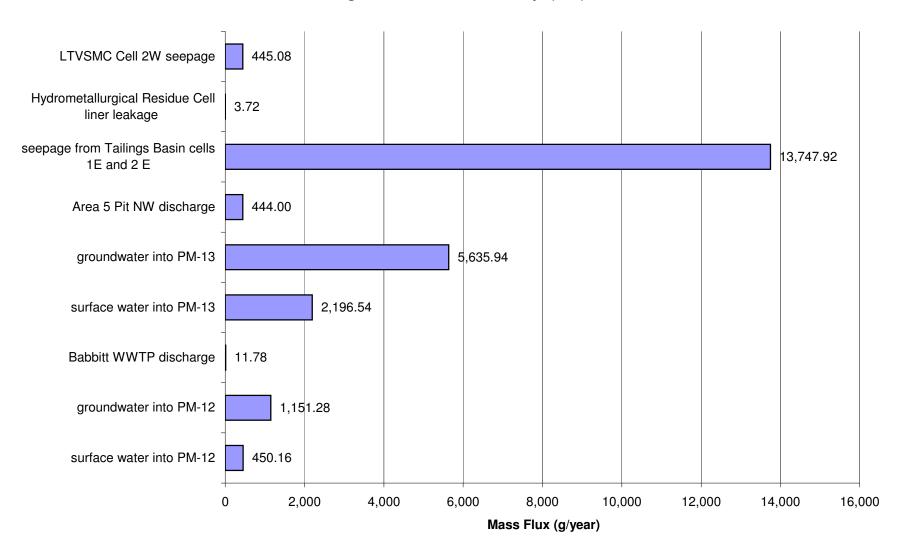
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Antimony (Sb)

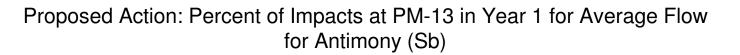


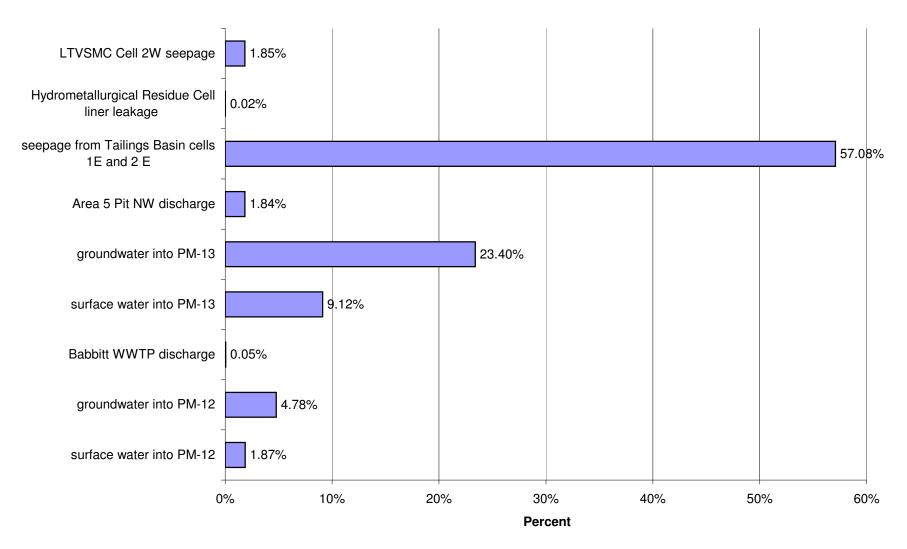




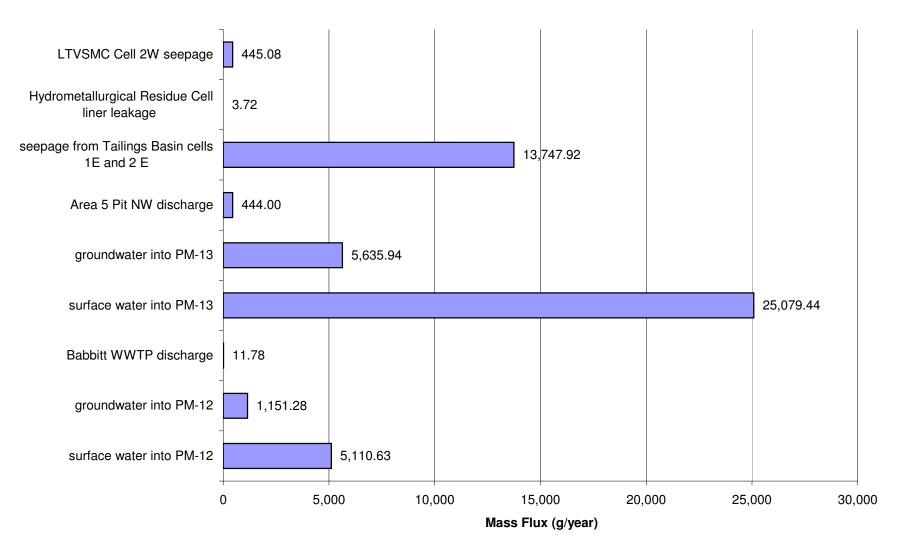
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Antimony (Sb)

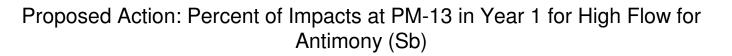


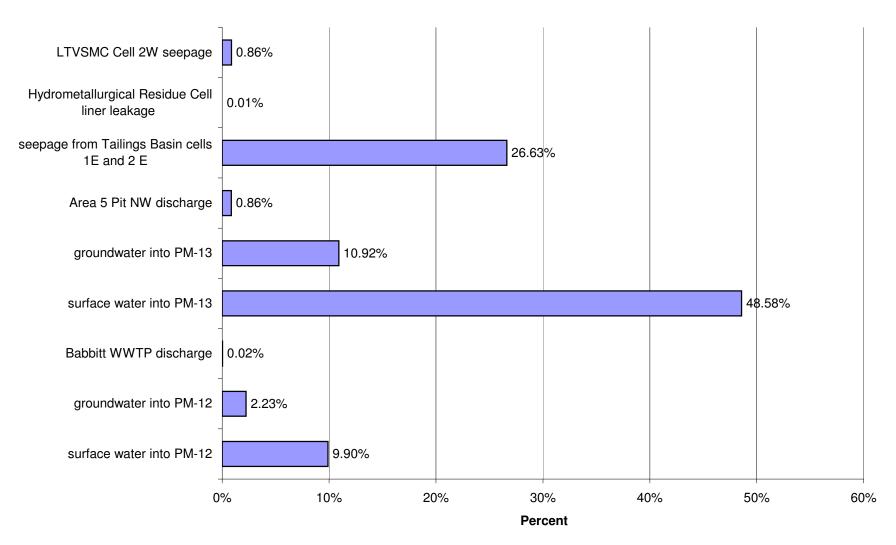




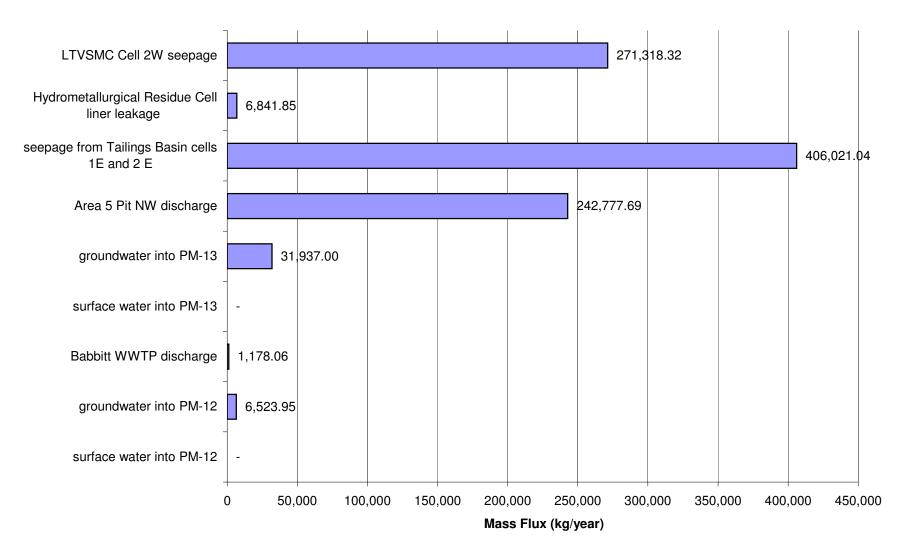
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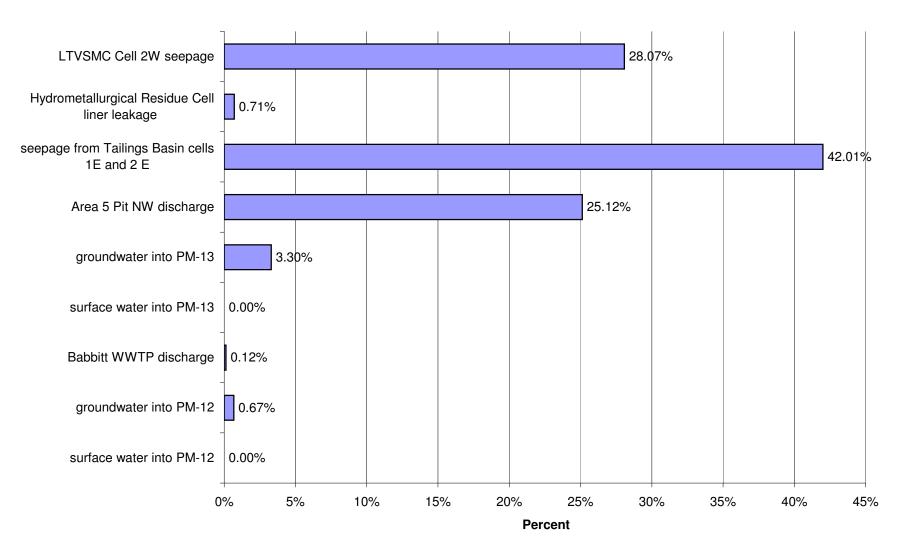




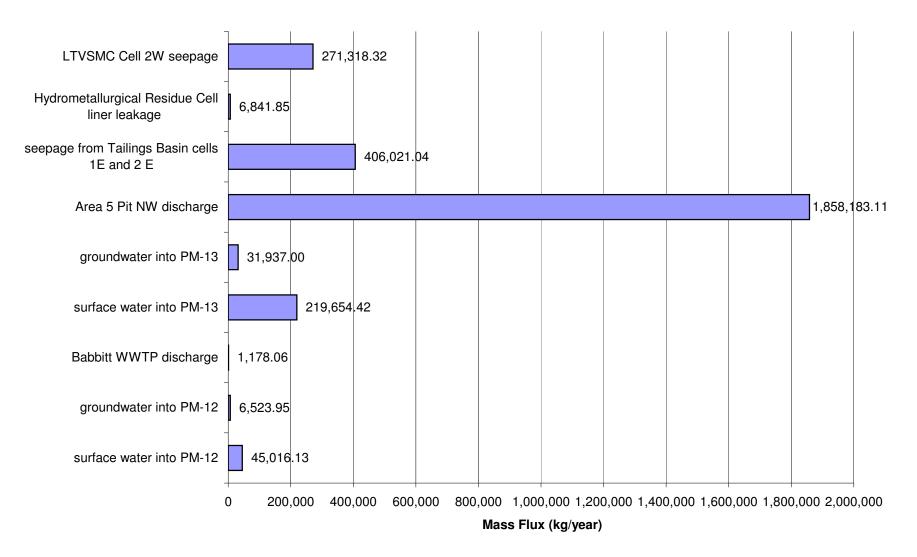
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for Low Flow for Sulfate (SO₄)

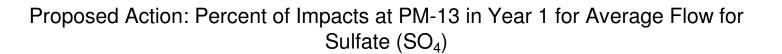


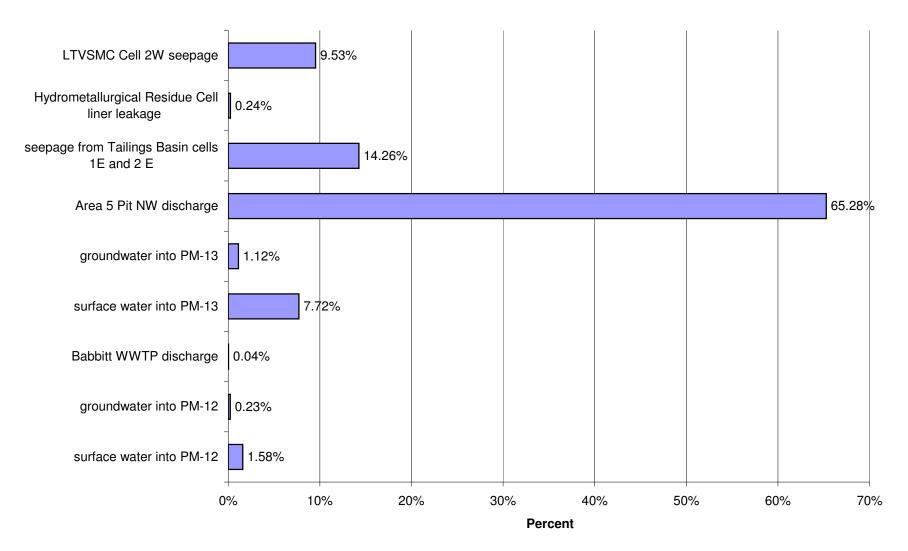
Proposed Action: Percent of Impacts at PM-13 in Year 1 for Low Flow for Sulfate (SO_4)



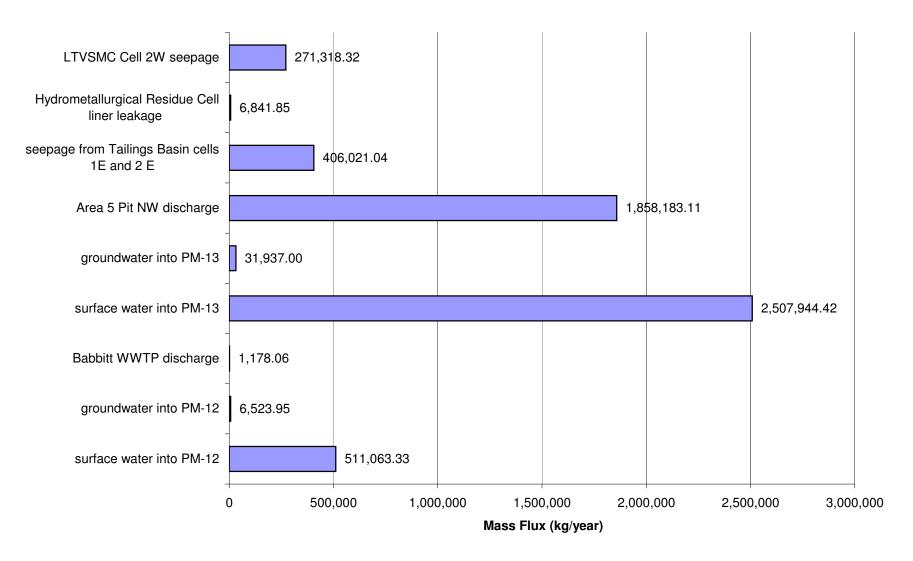
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for Average Flow for Sulfate (SO₄)

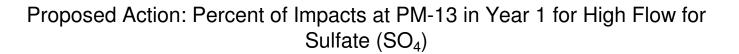


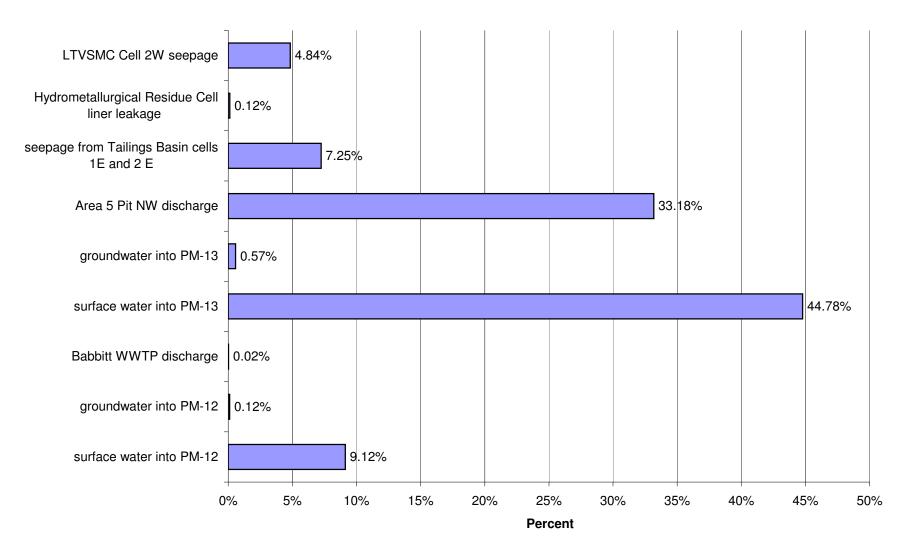




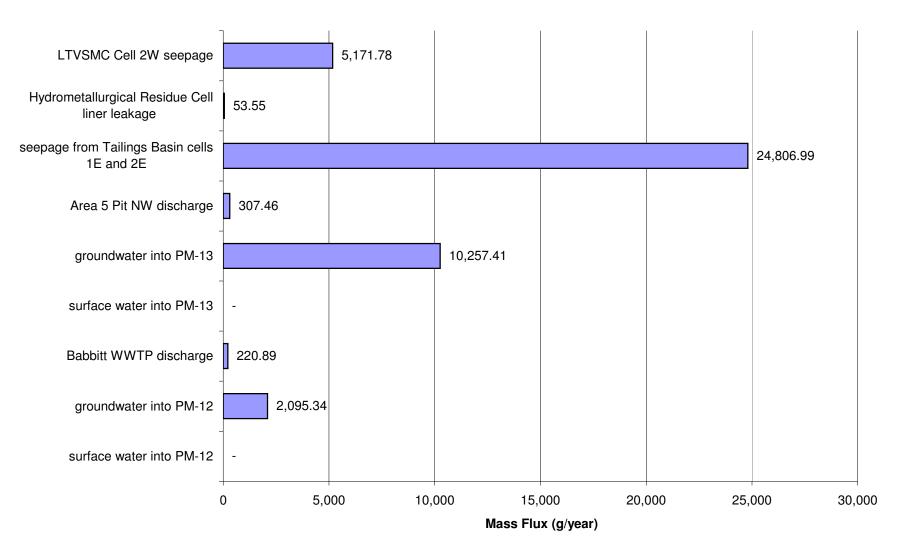
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for High Flow for Sulfate (SO₄)



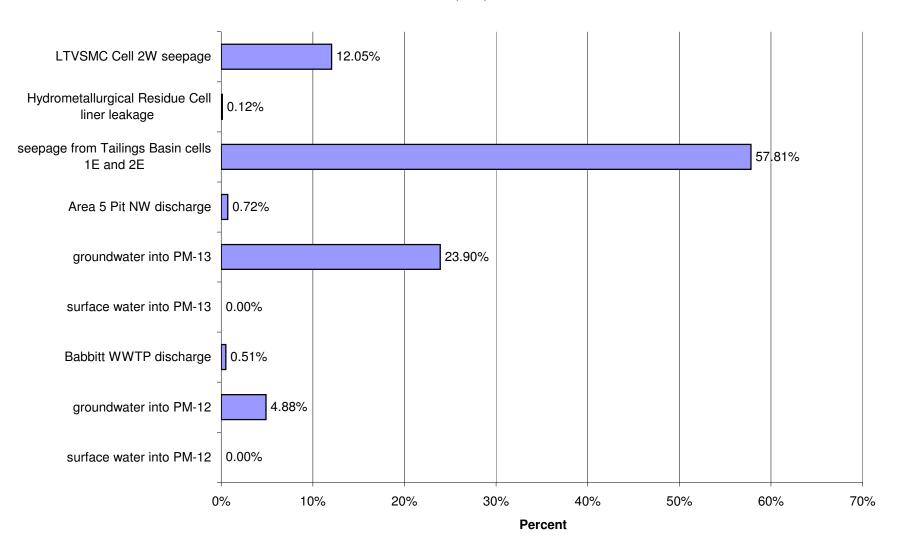




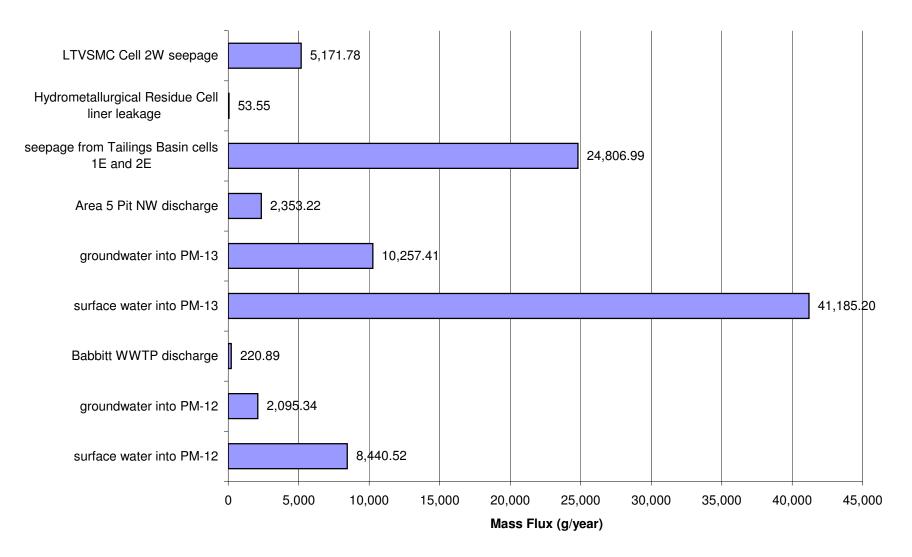
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Arsenic (As)

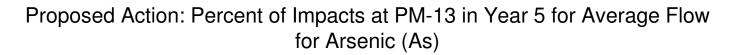


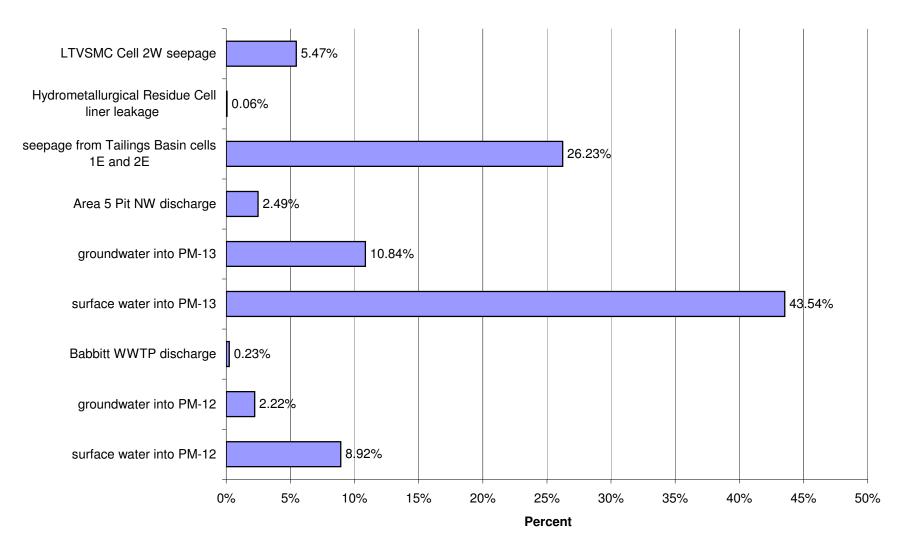
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Arsenic (As)



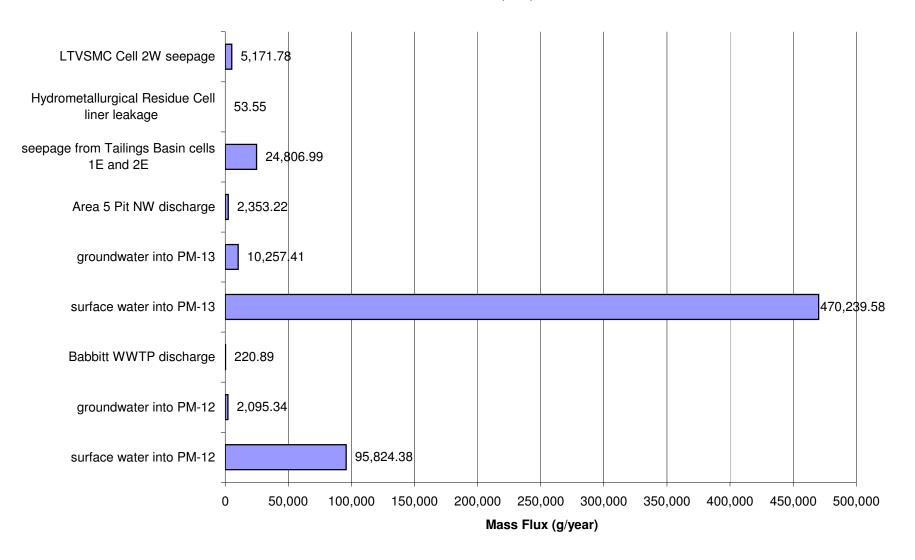
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Arsenic (As)



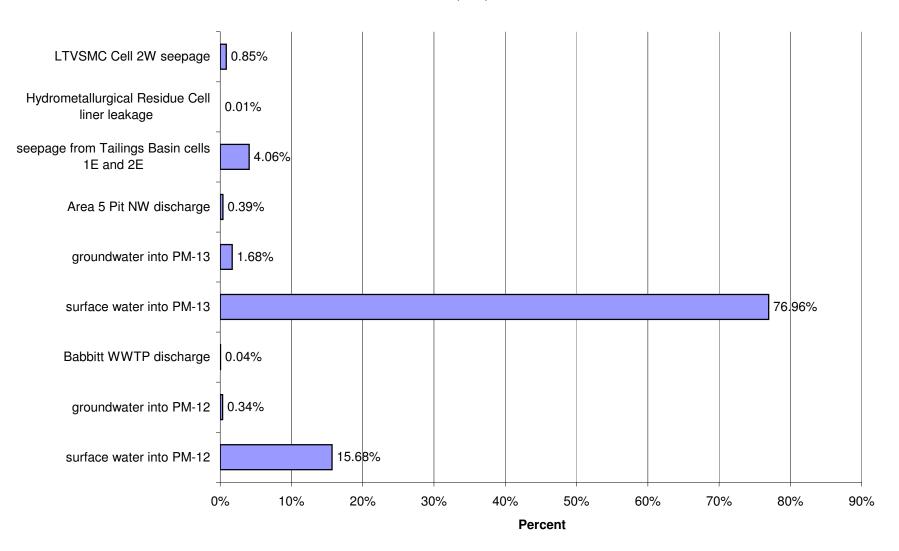




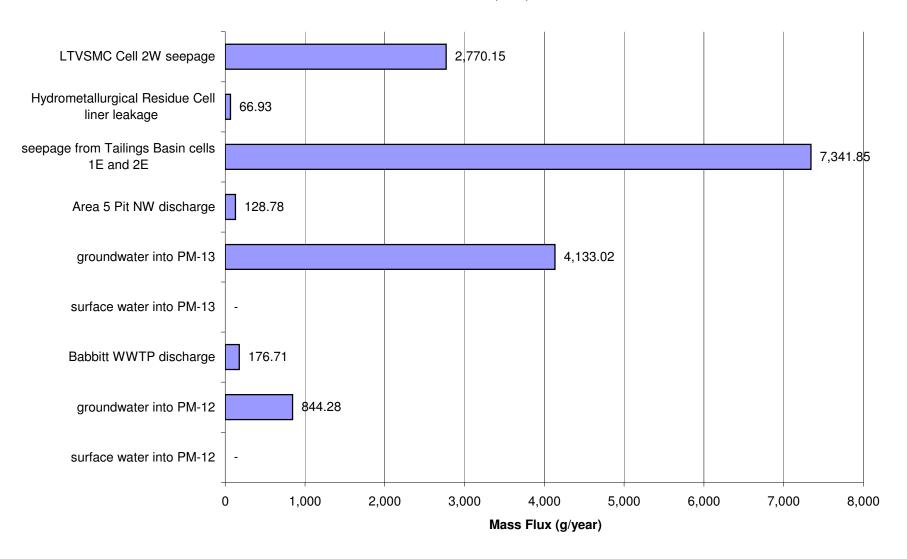
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Arsenic (As)



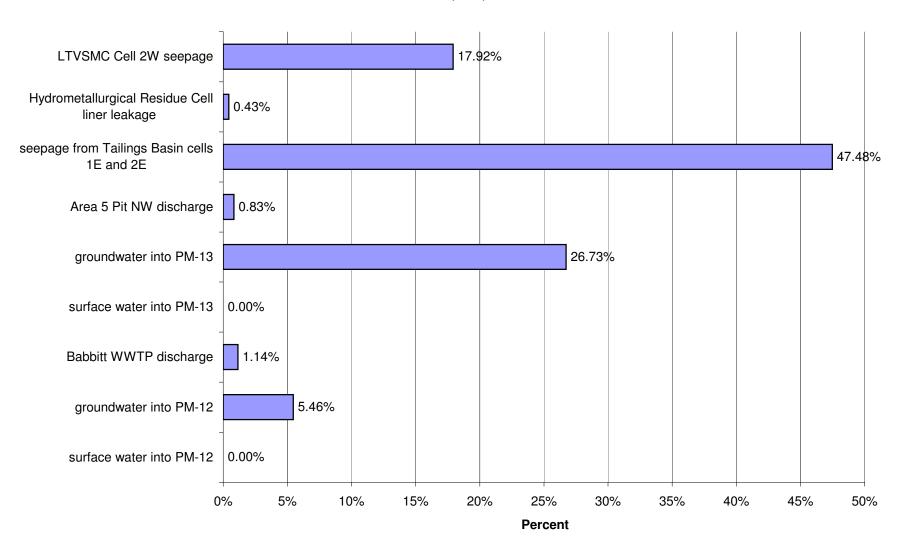
Proposed Action: Percent of Impacts at PM-13 in Year 5 for High Flow for Arsenic (As)



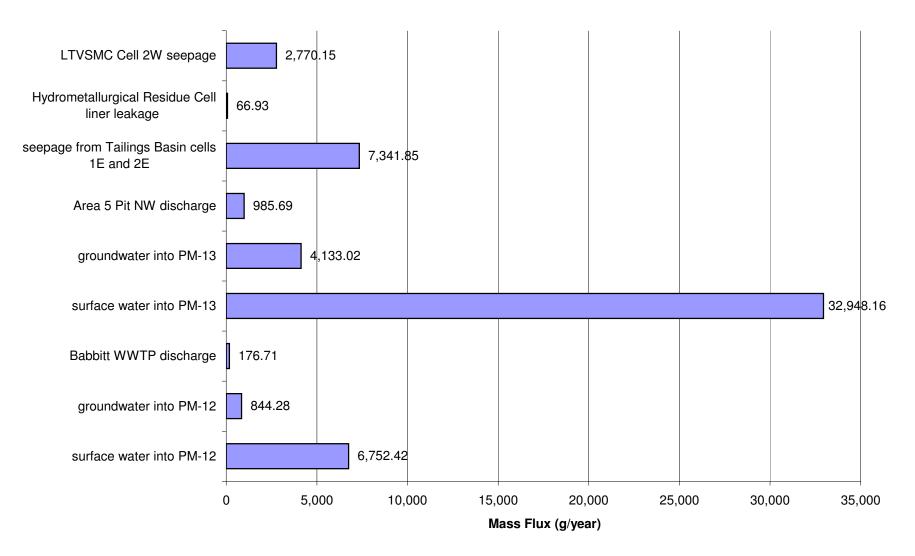
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Cobalt (Co)

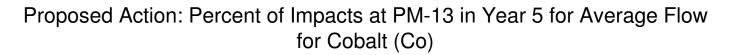


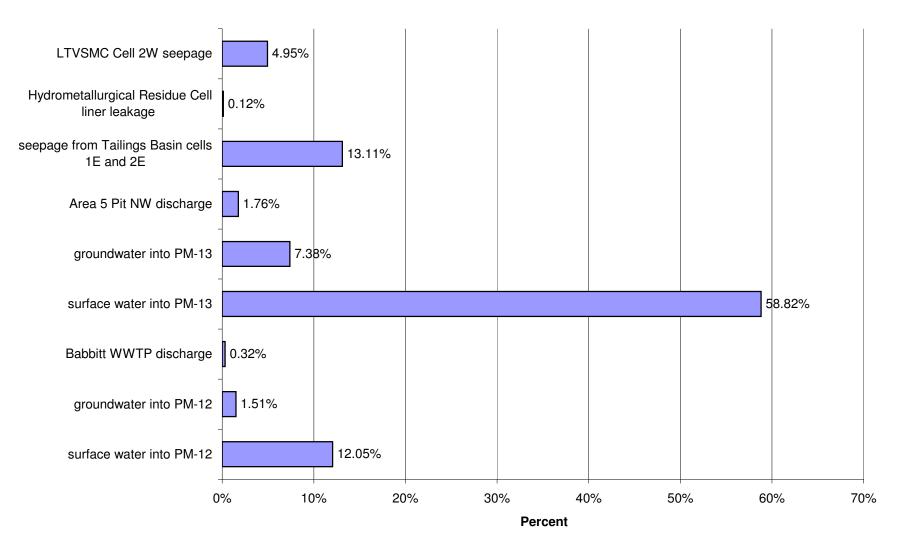
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Cobalt (Co)



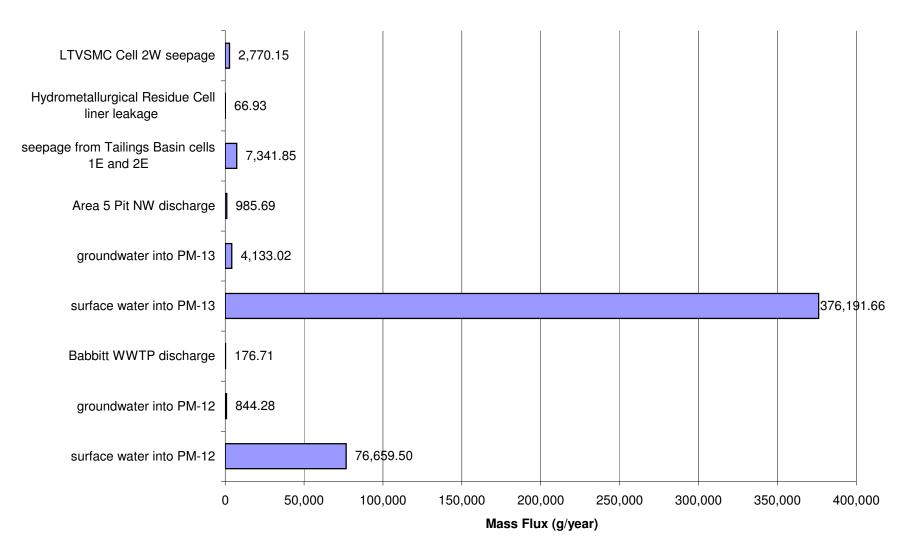
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Cobalt (Co)



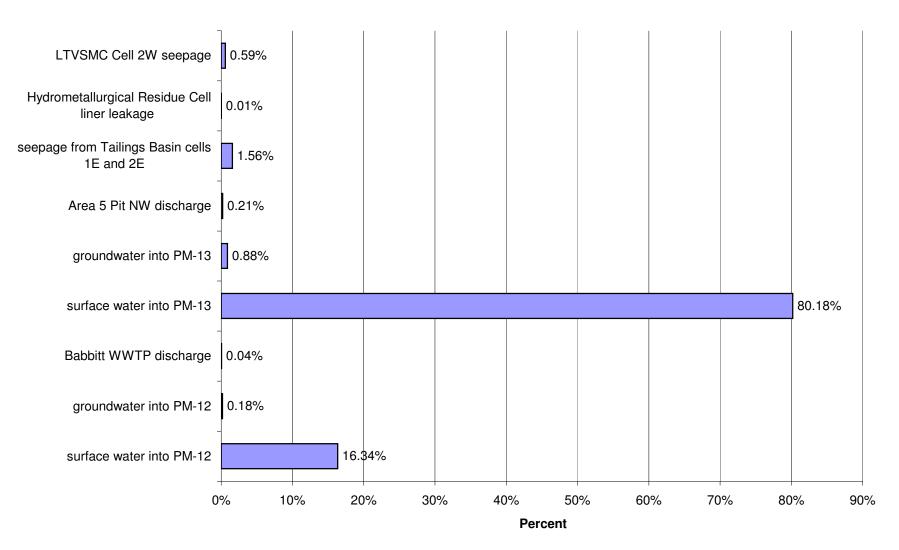




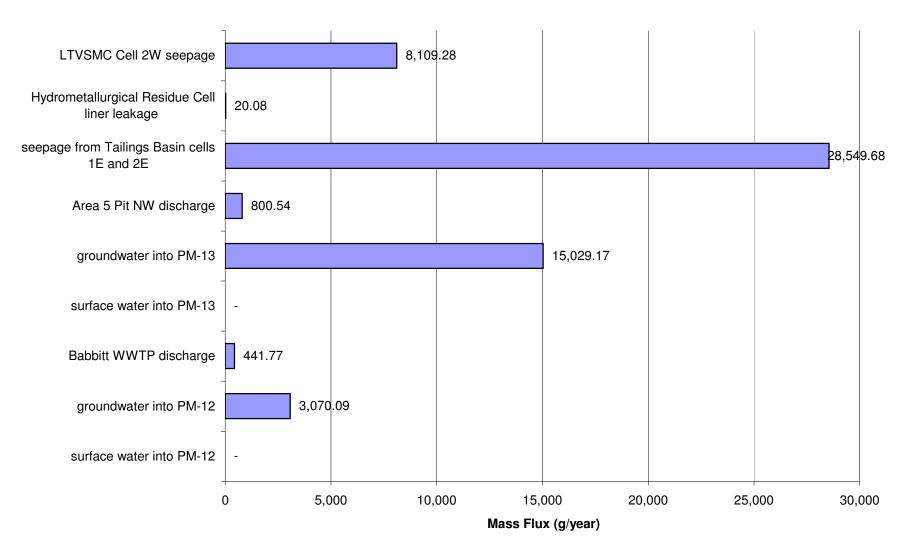
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Cobalt (Co)



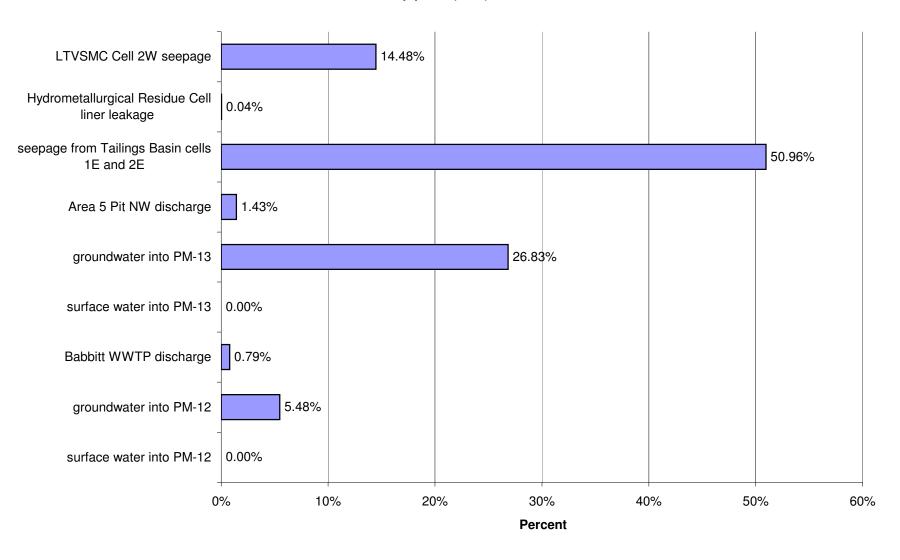
Proposed Action: Percent of Impacts at PM-13 in Year 5 for High Flow for Cobalt (Co)



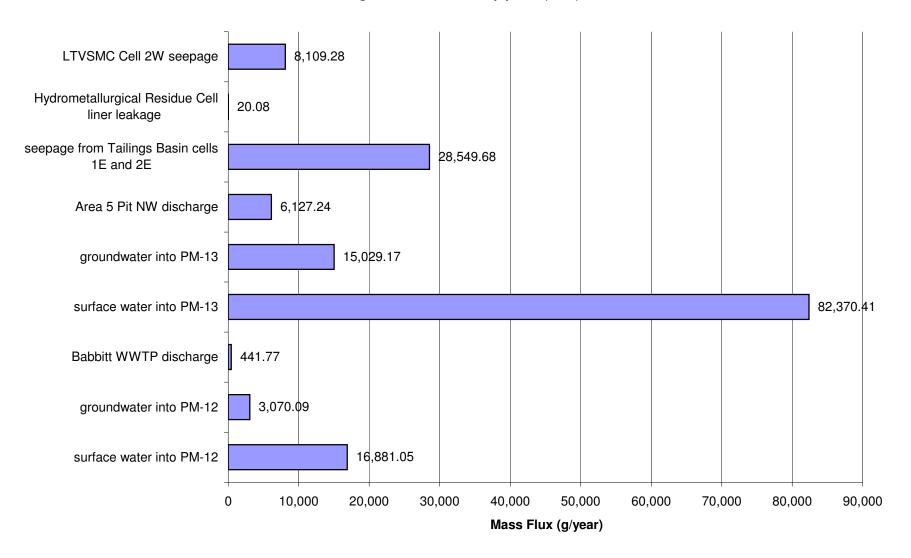
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Copper (Cu)

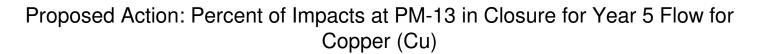


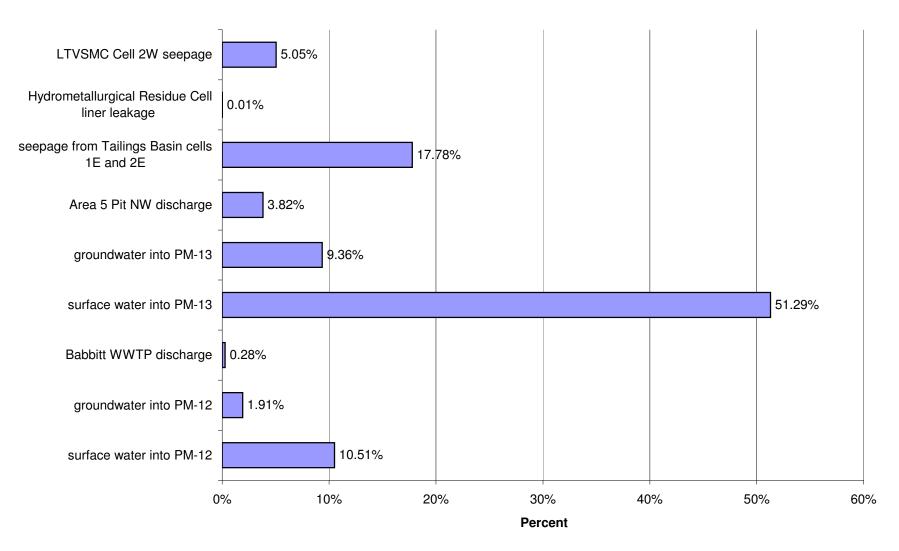
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Copper (Cu)



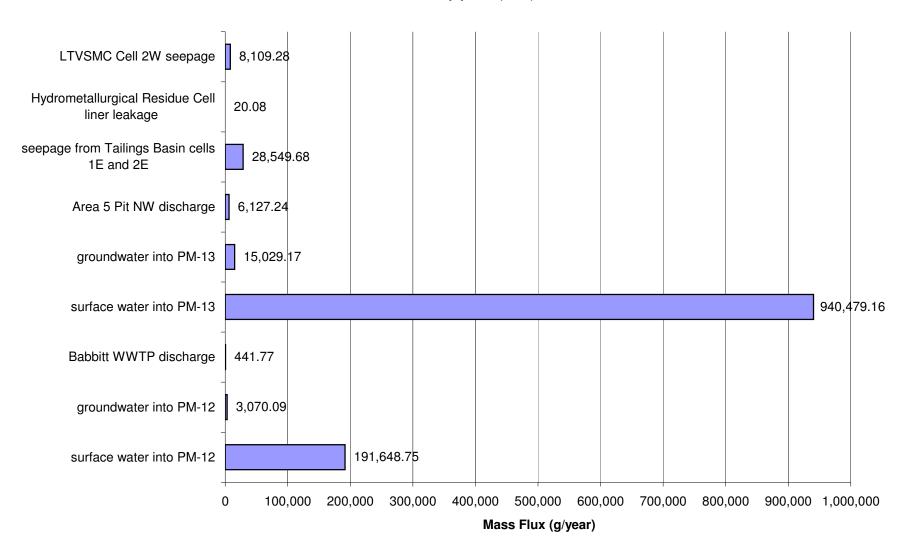
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Copper (Cu)



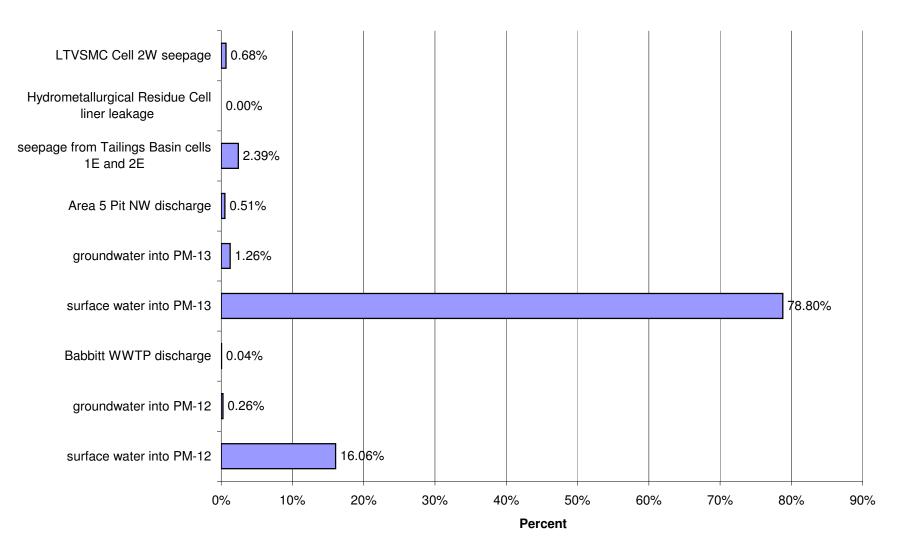




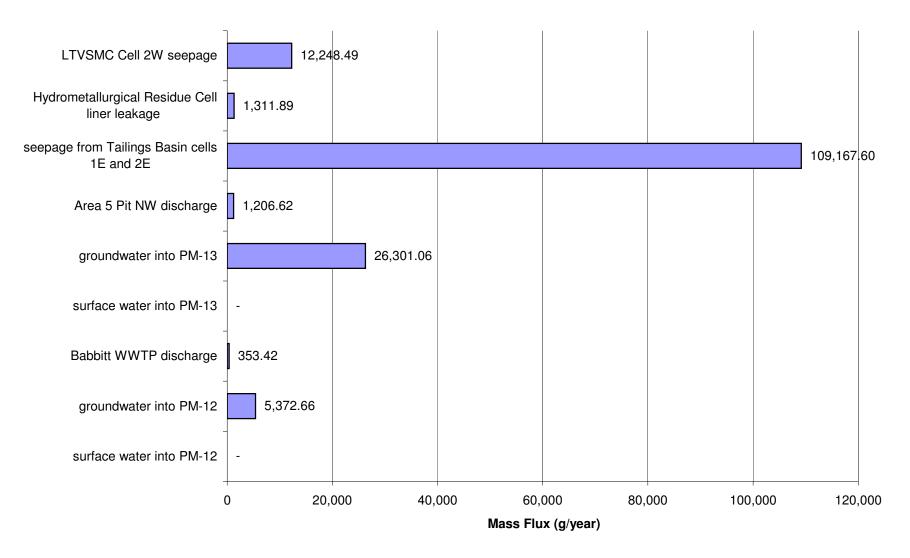
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Copper (Cu)



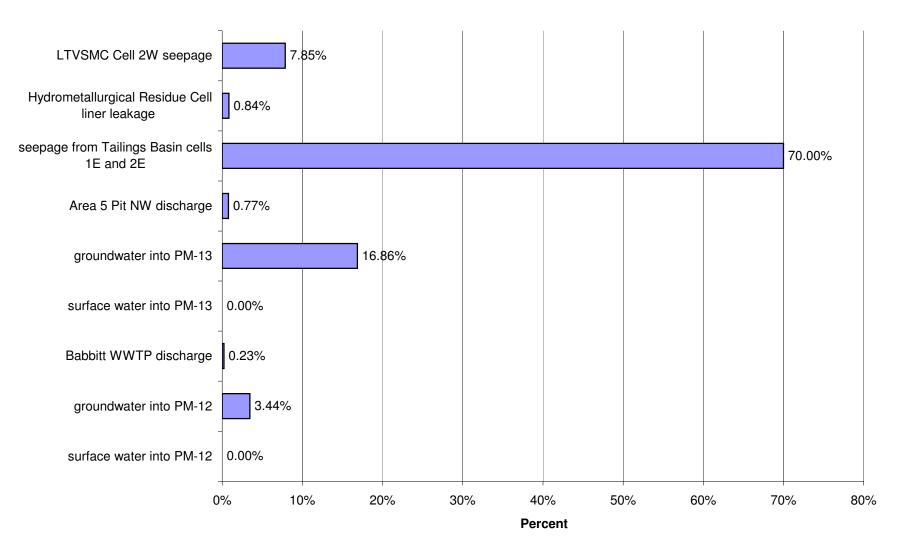
Proposed Action: Percent of Impacts at PM-13 in Year 5 for High Flow for Copper (Cu)



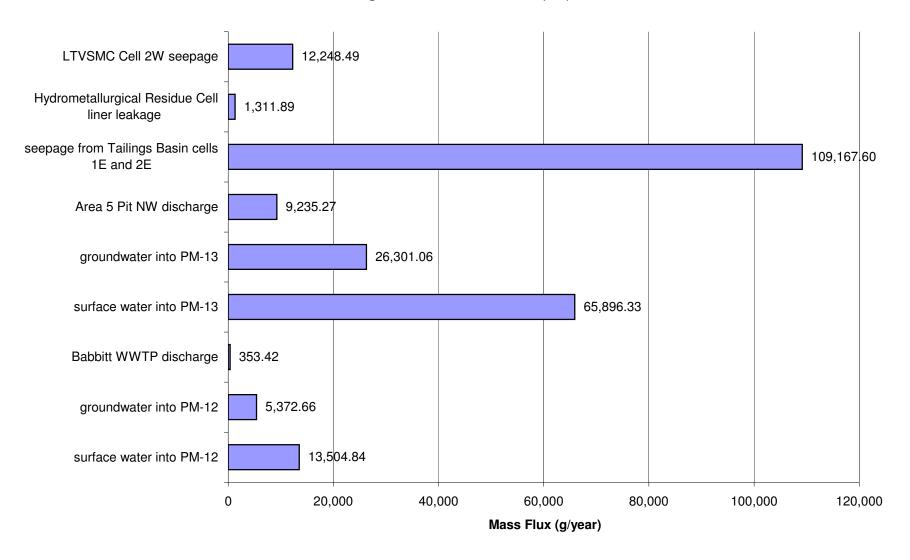
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Nickel (Ni)

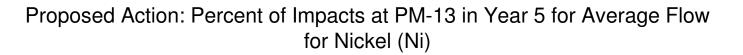


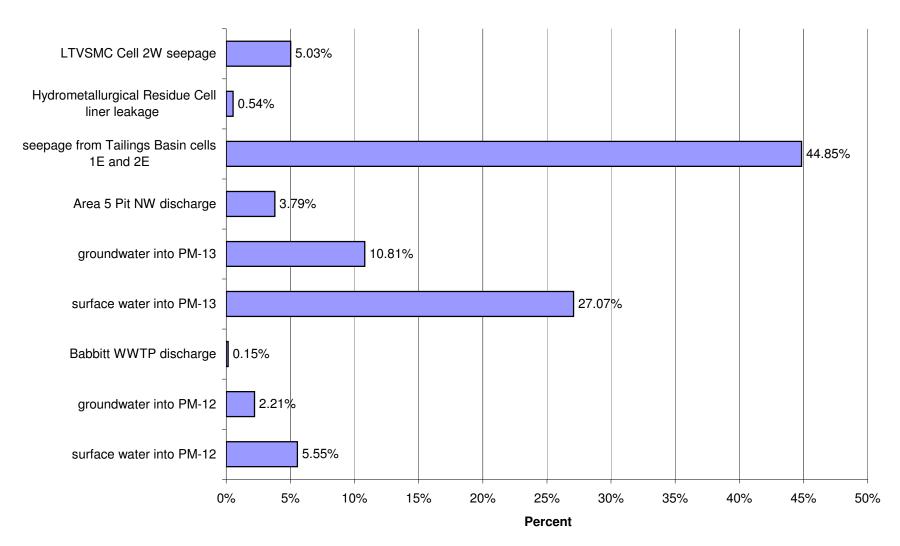
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Nickel (Ni)



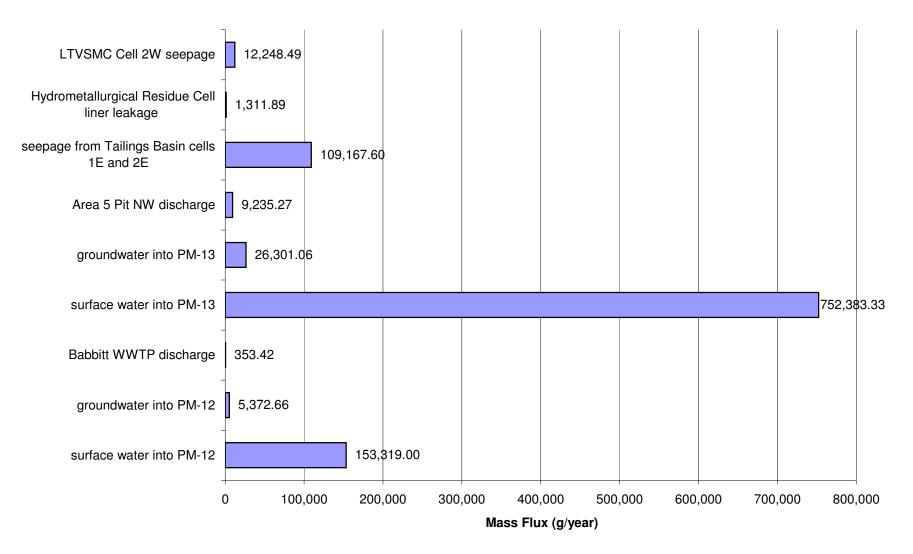
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Nickel (Ni)



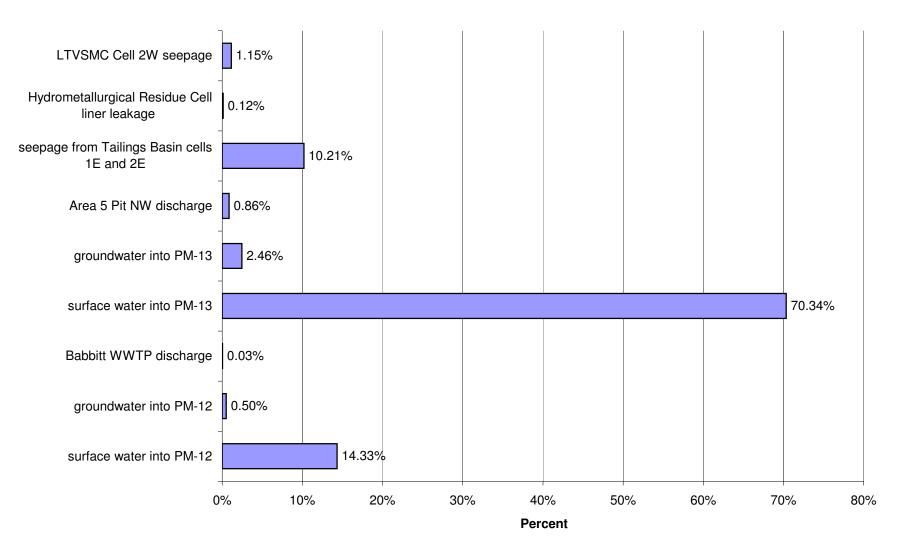




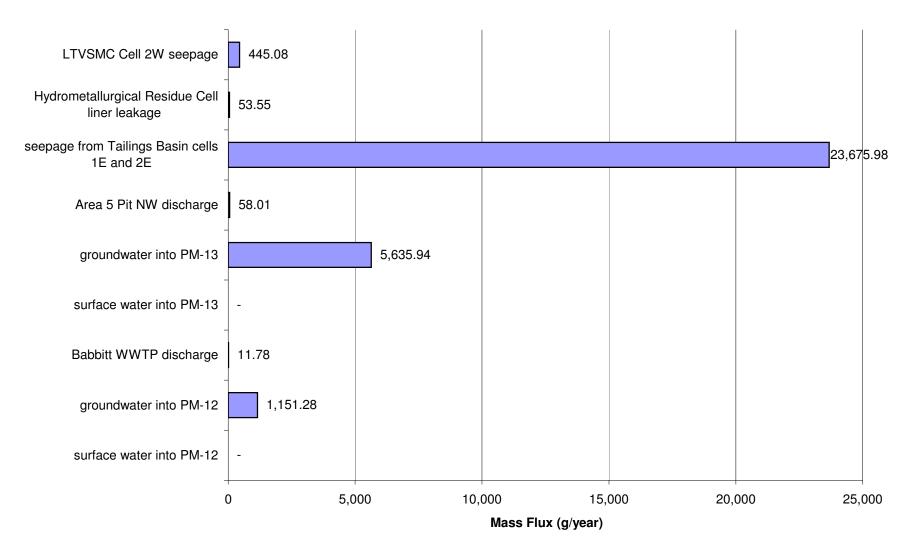
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Nickel (Ni)



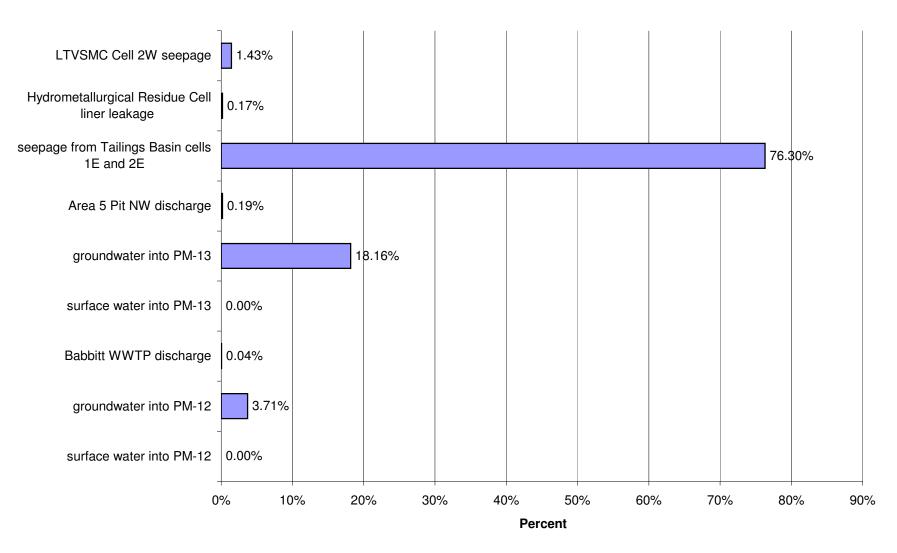
Proposed Action: Percent of Impacts at PM-13 in Year 5 for High Flow for Nickel (Ni)



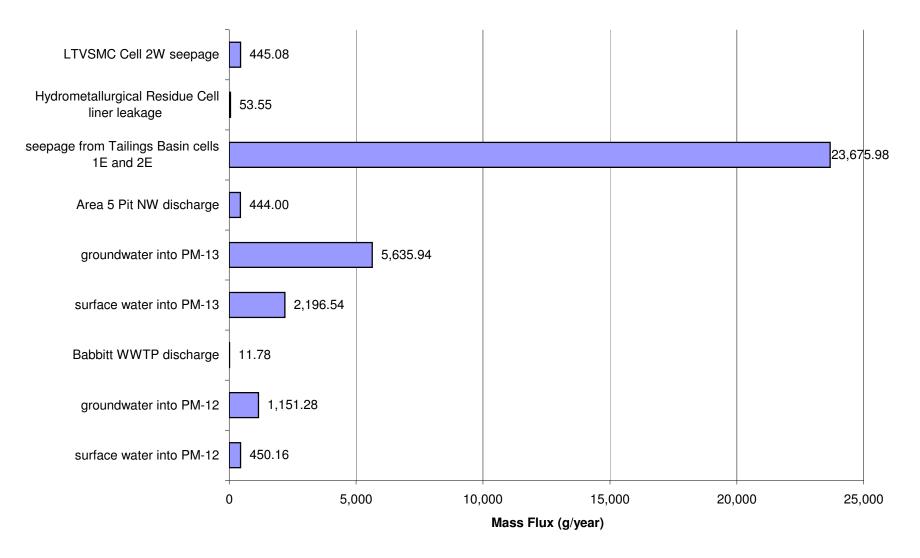
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Antimony (Sb)



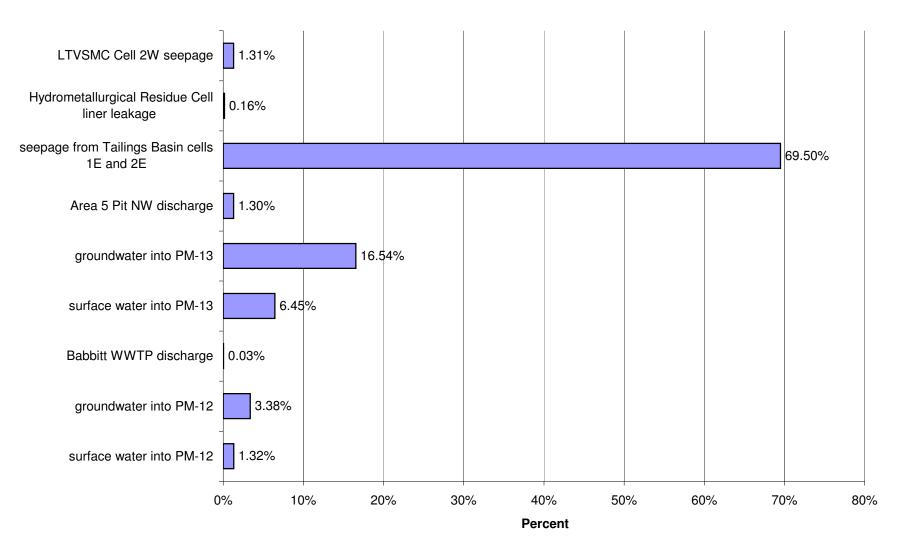
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Antimony (Sb)



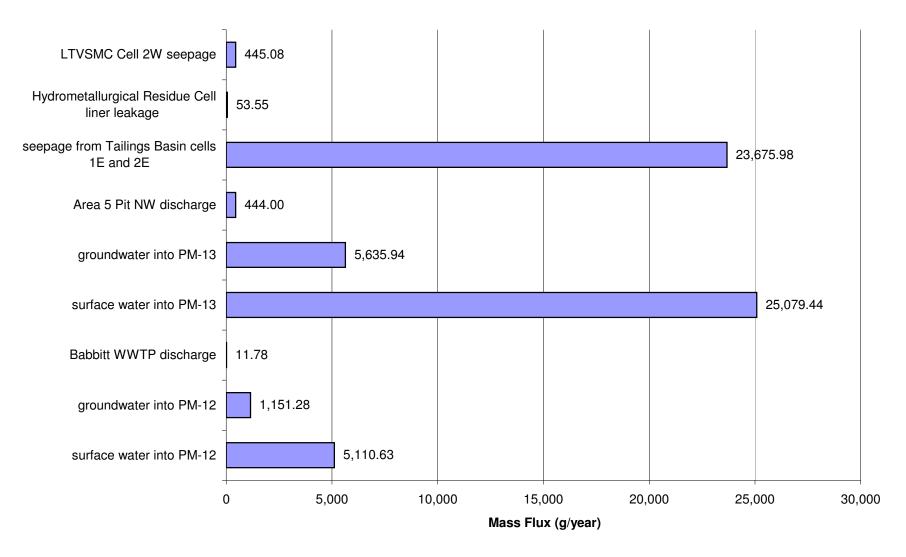
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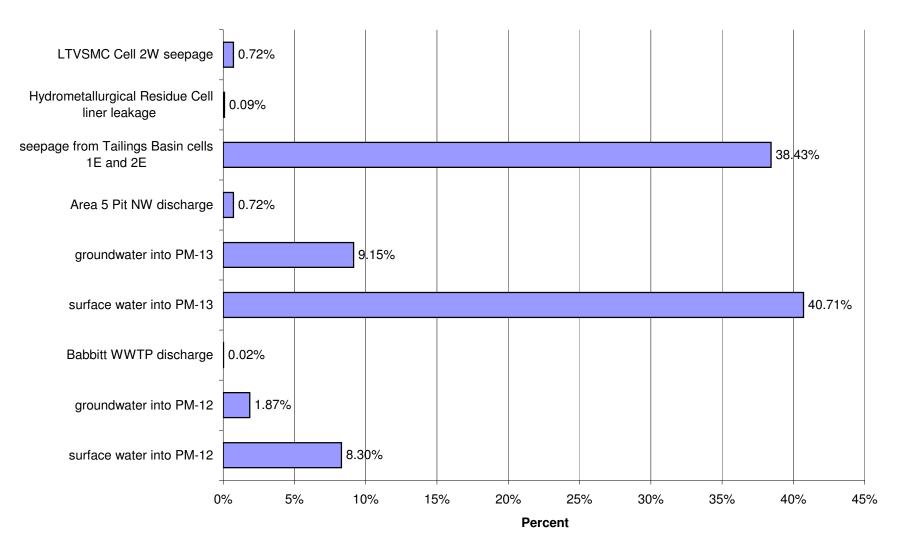
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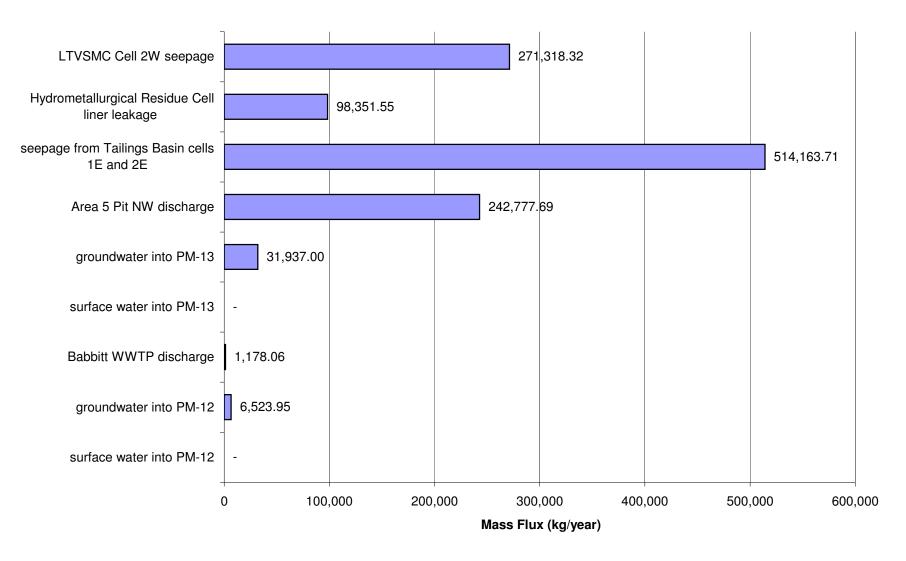
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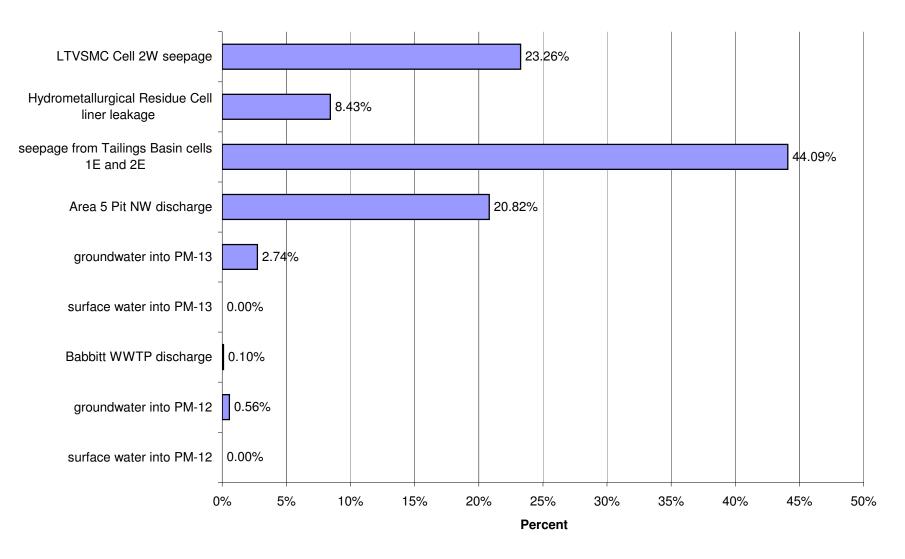
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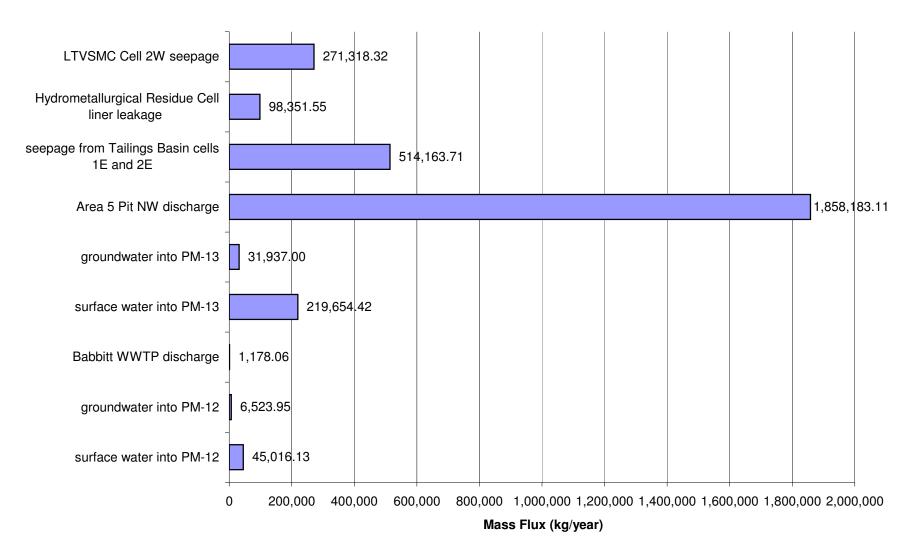
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 5 for Low Flow for Sulfate (SO₄)

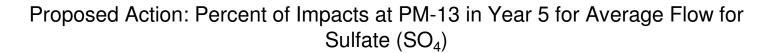


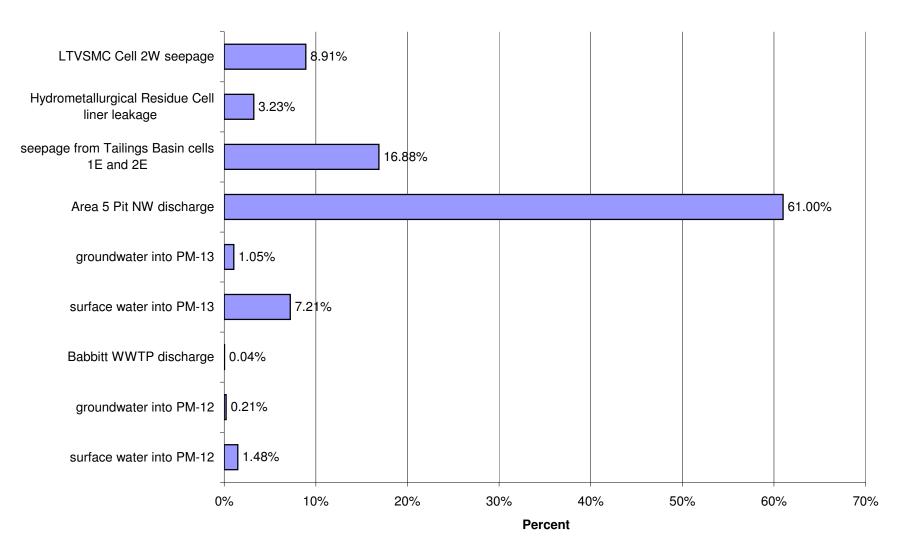
Proposed Action: Percent of Impacts at PM-13 in Year 5 for Low Flow for Sulfate (SO_4)



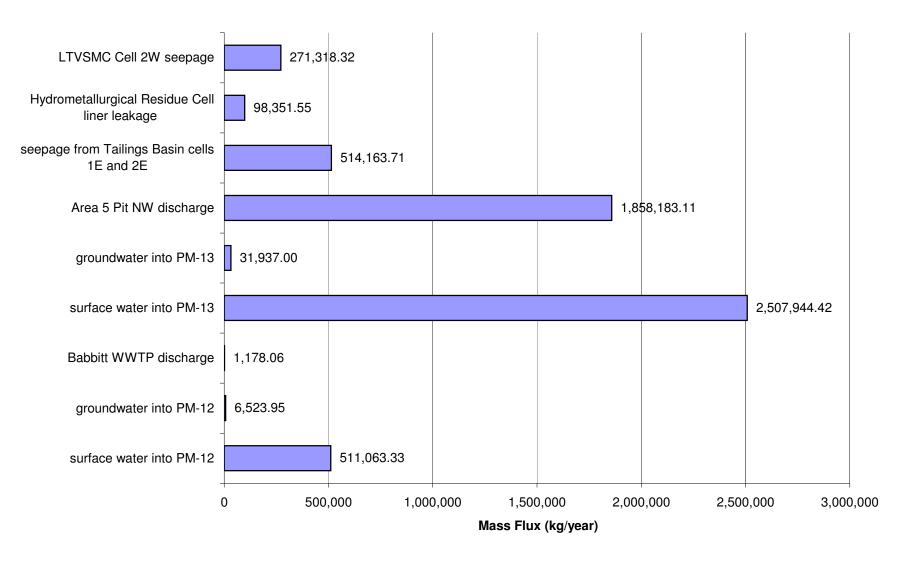
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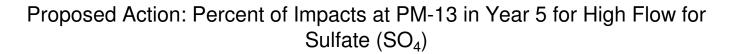


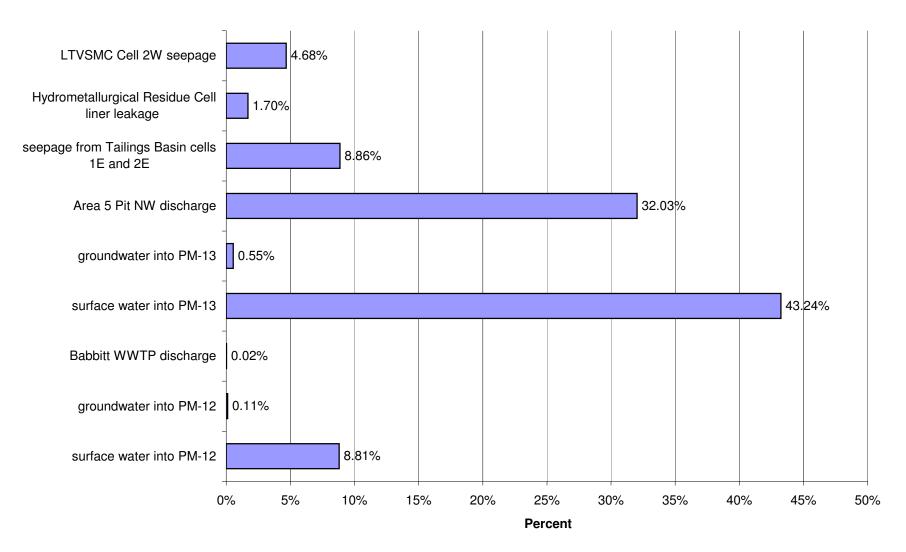




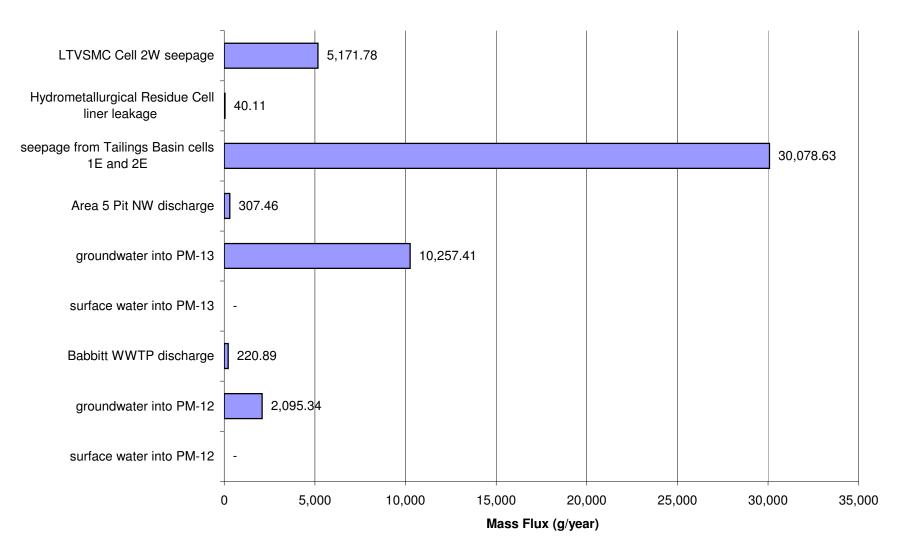
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 5 for High Flow for Sulfate (SO₄)



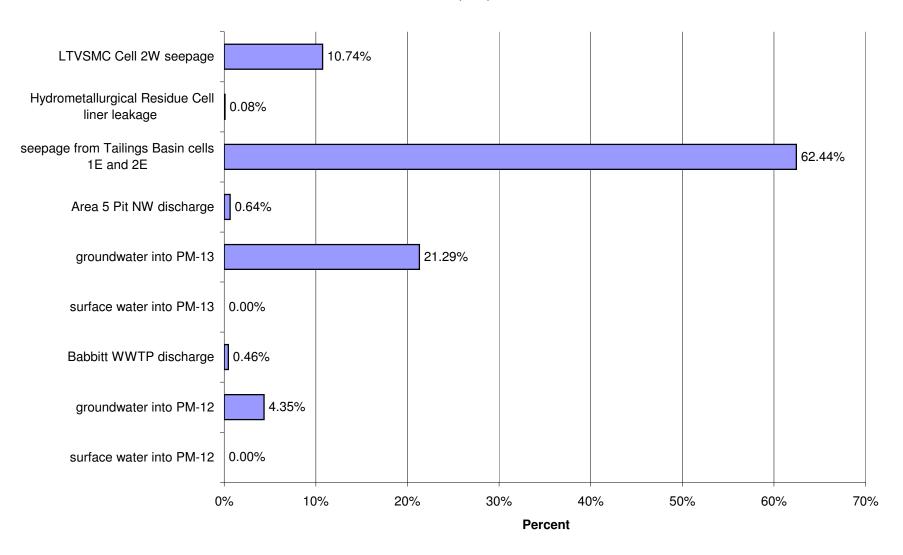




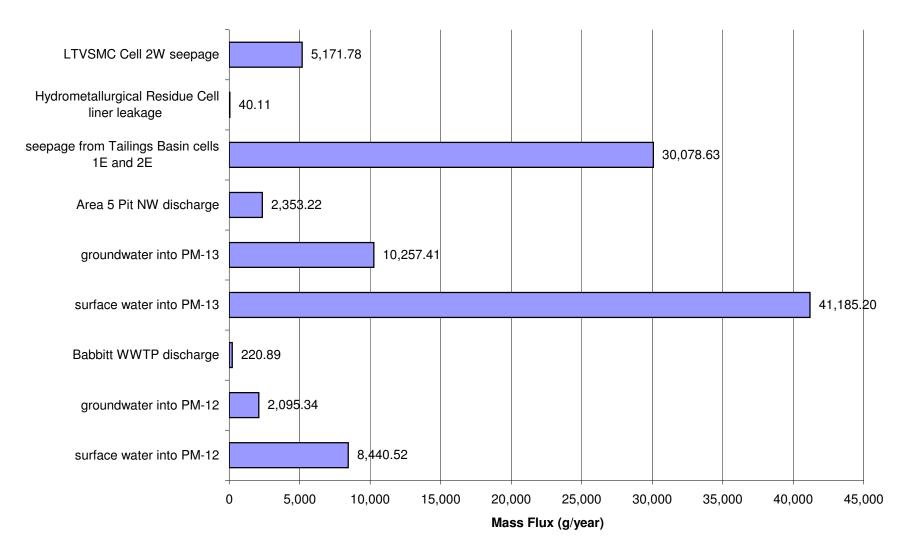
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Low Flow for Arsenic (As)



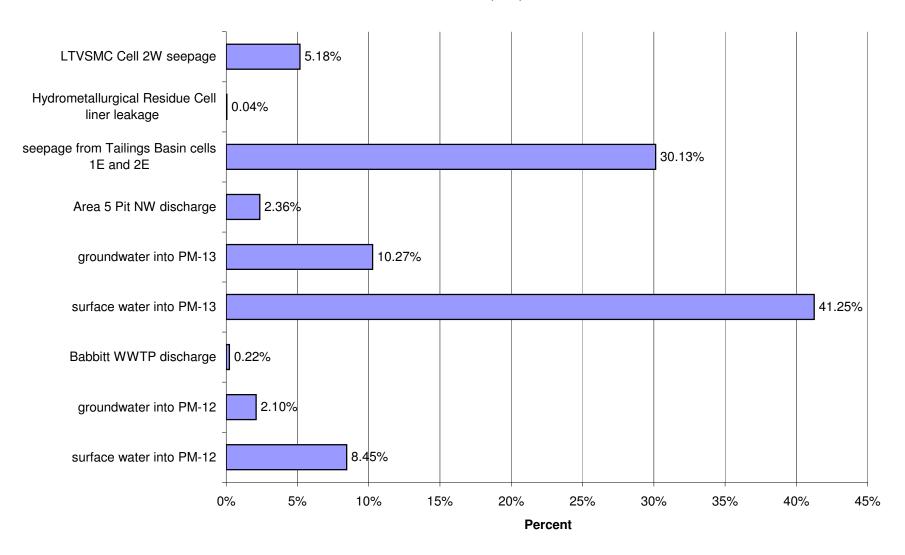
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Arsenic (As)



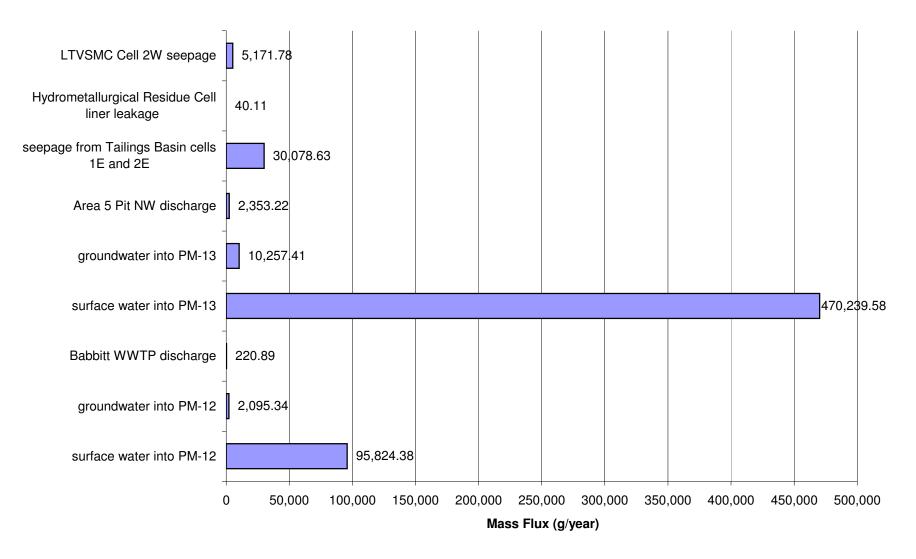
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Average Flow for Arsenic (As)



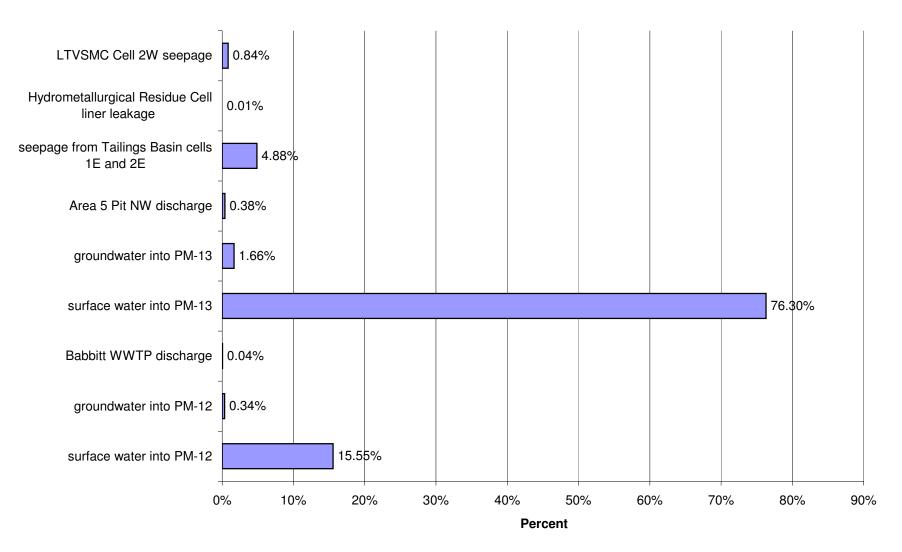
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Average Flow for Arsenic (As)



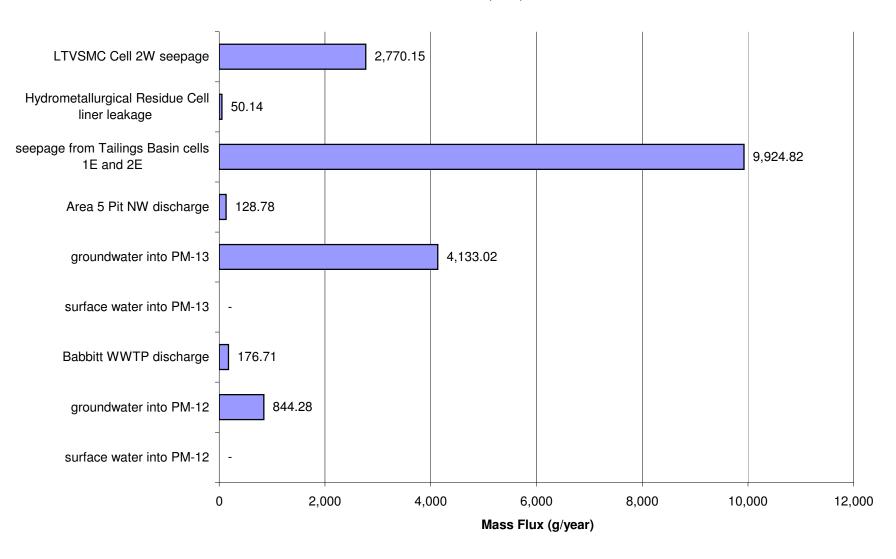
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for High Flow for Arsenic (As)



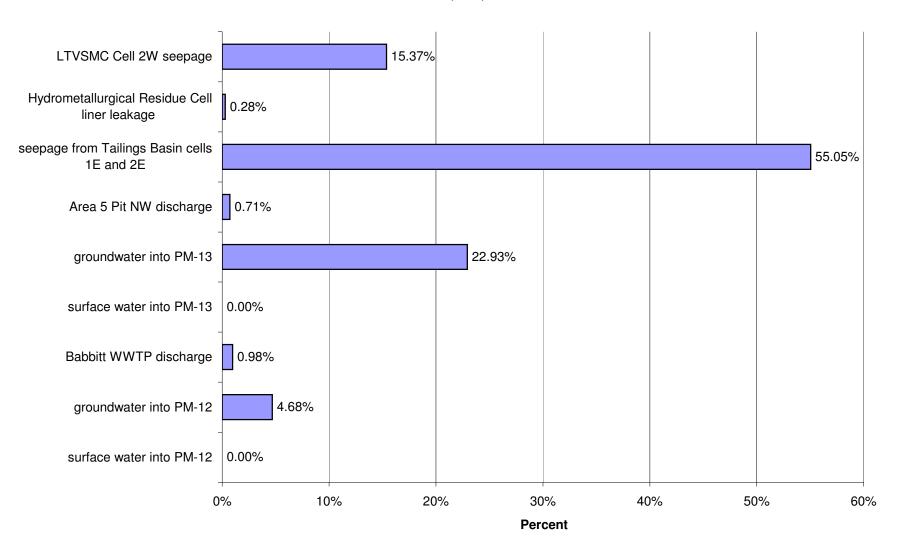
Proposed Action: Percent of Impacts at PM-13 in Year 8 for High Flow for Arsenic (As)



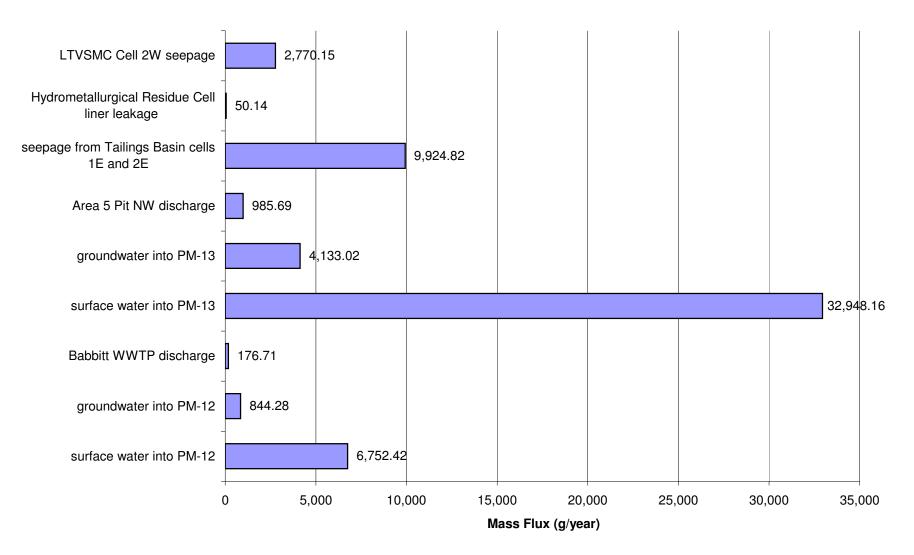
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Low Flow for Cobalt (Co)

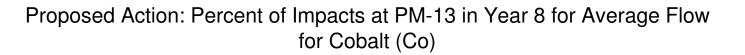


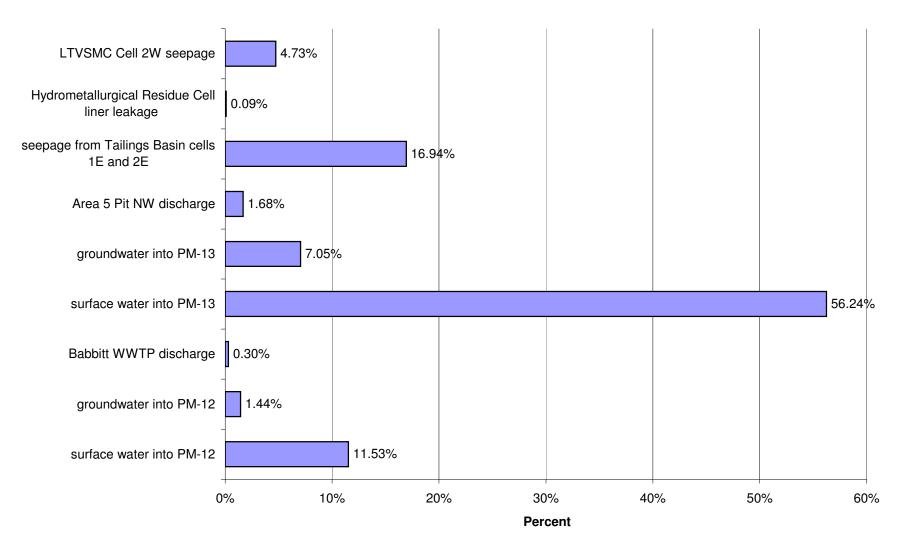
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Cobalt (Co)



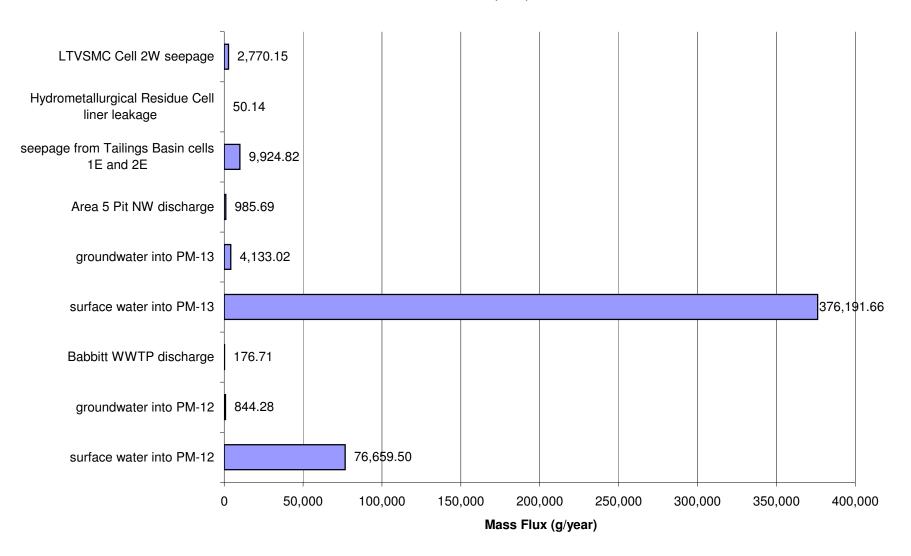
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Average Flow for Cobalt (Co)



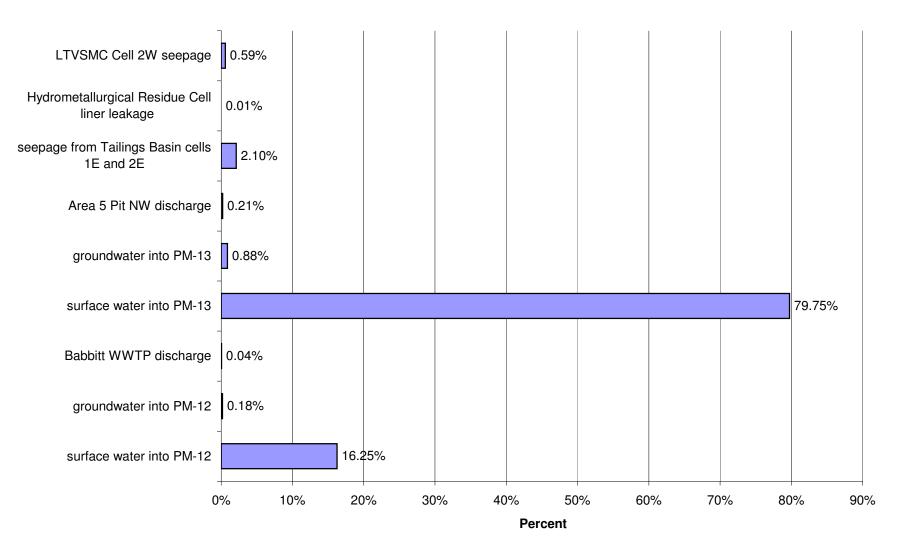




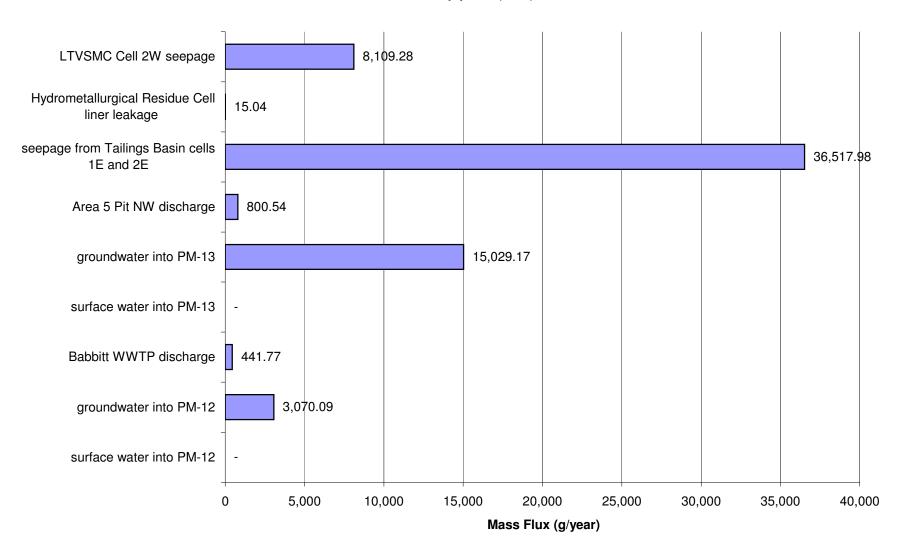
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for High Flow for Cobalt (Co)



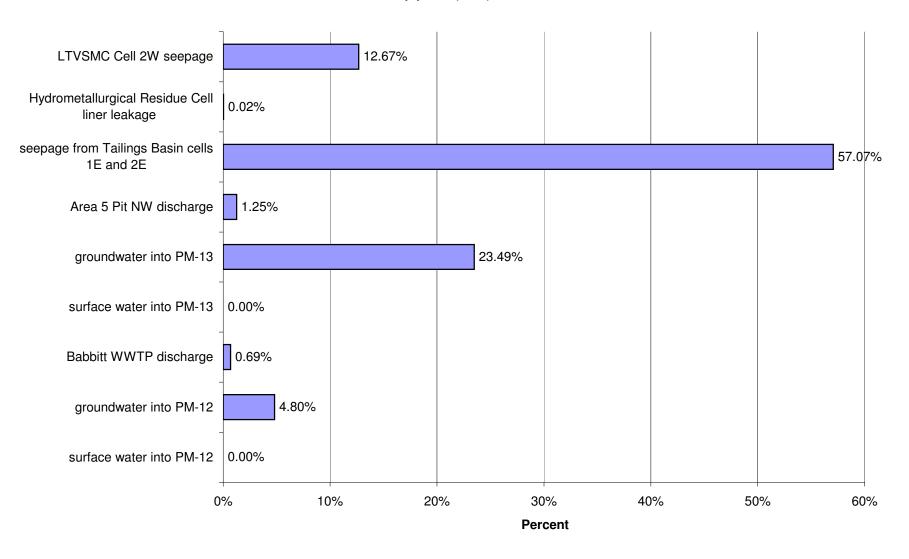
Proposed Action: Percent of Impacts at PM-13 in Year 8 for High Flow for Cobalt (Co)



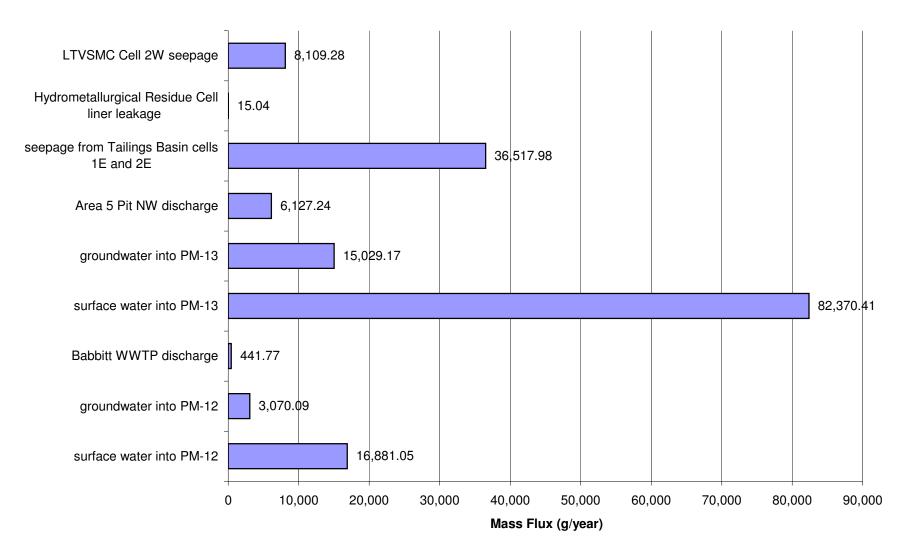
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Low Flow for Copper (Cu)

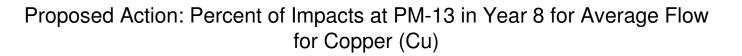


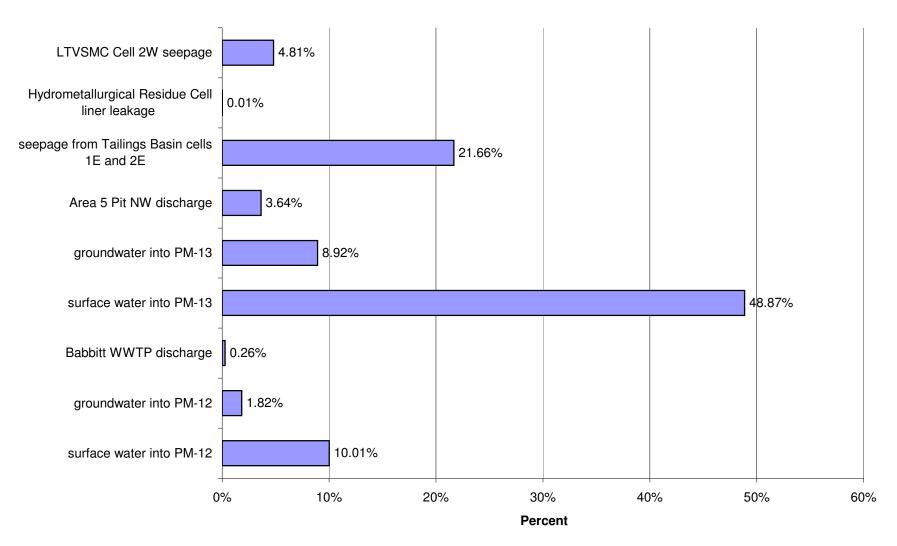
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Copper (Cu)



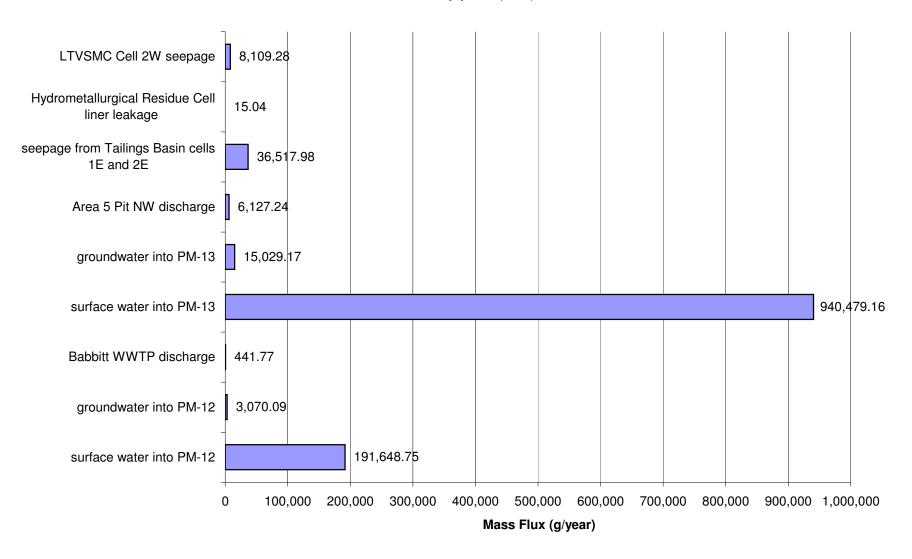
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Average Flow for Copper (Cu)



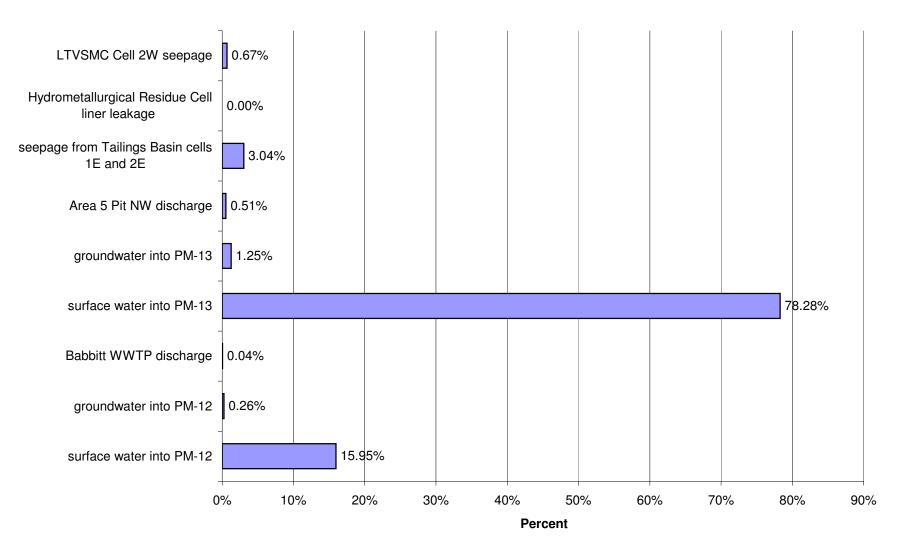




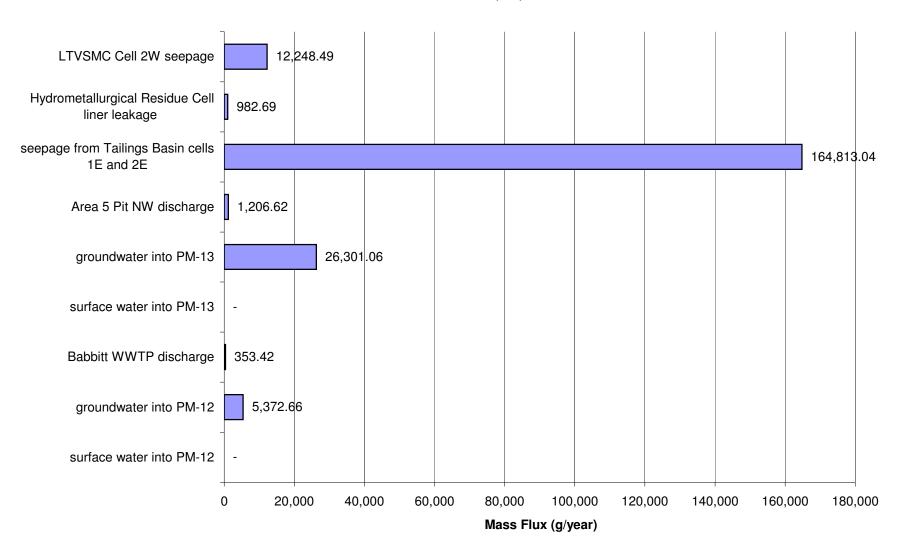
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for High Flow for Copper (Cu)



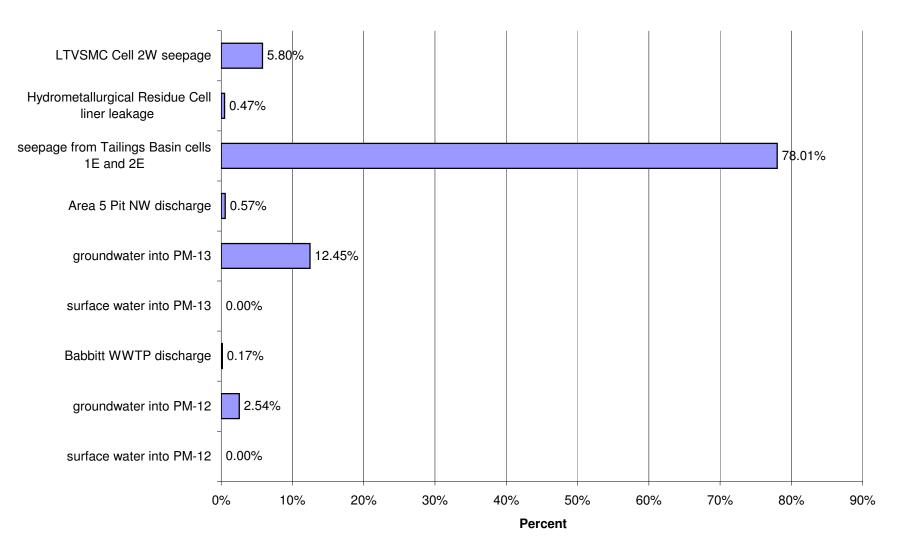
Proposed Action: Percent of Impacts at PM-13 in Year 8 for High Flow for Copper (Cu)



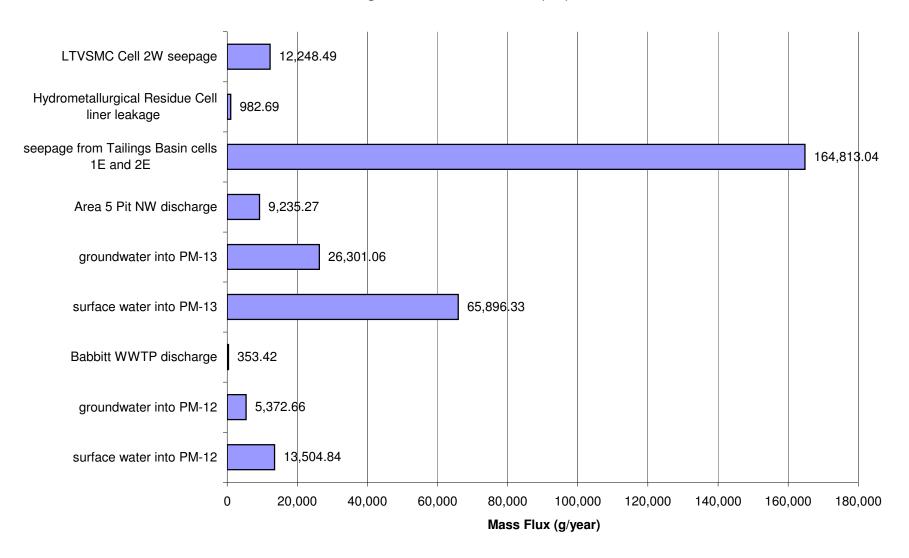
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Low Flow for Nickel (Ni)

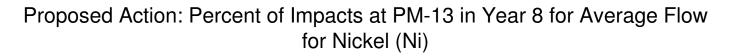


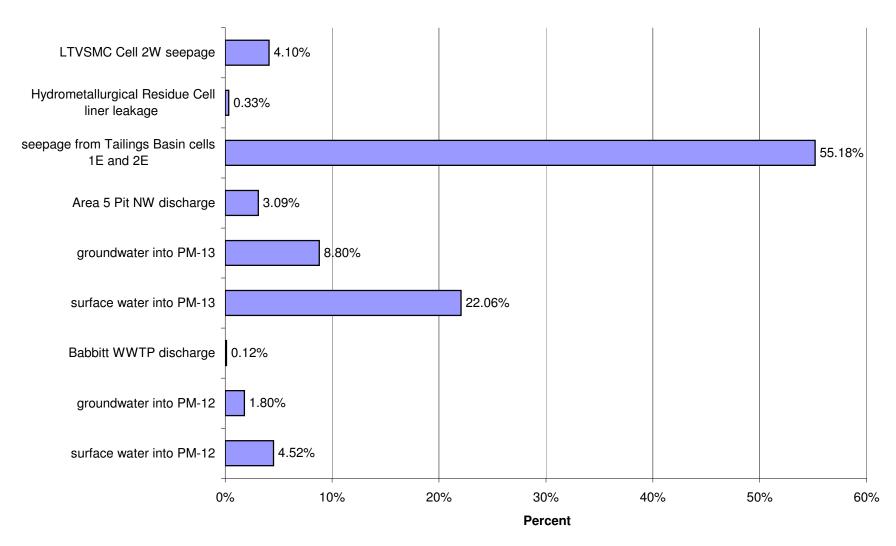
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Nickel (Ni)



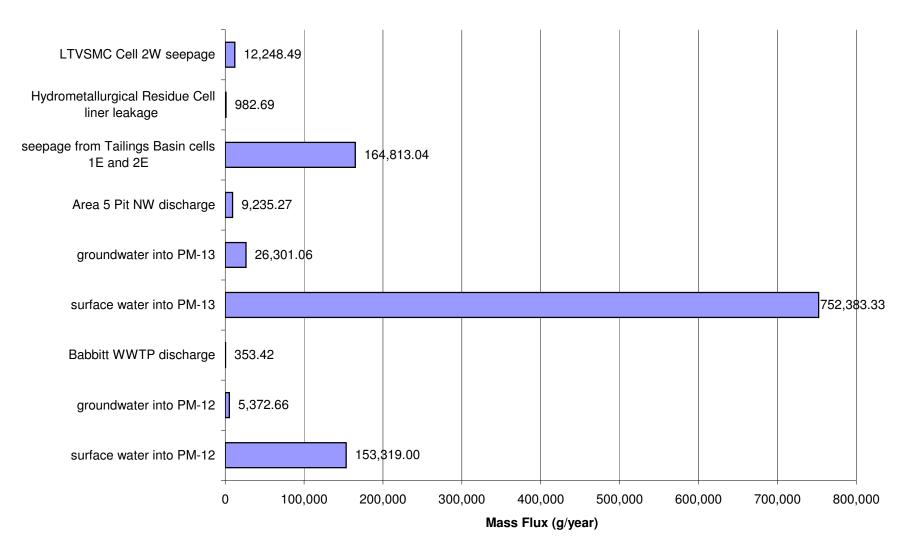
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Average Flow for Nickel (Ni)



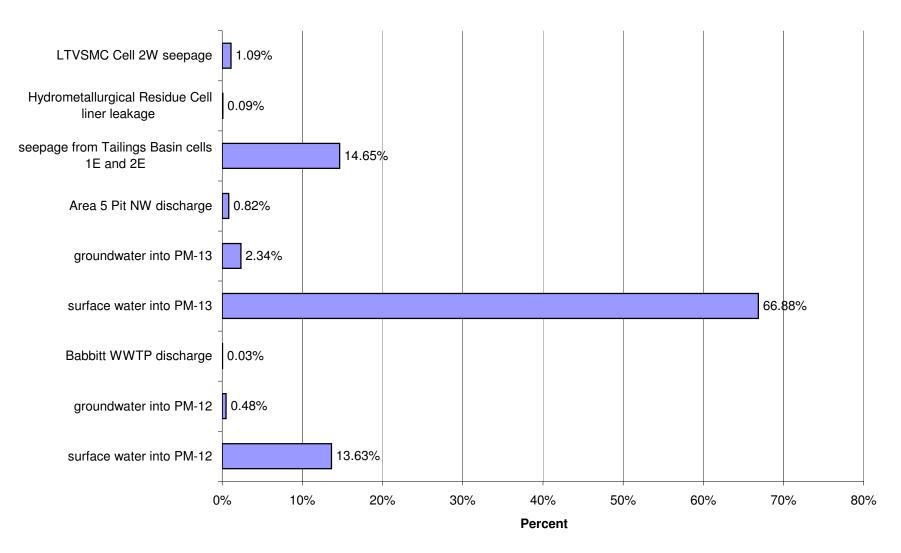




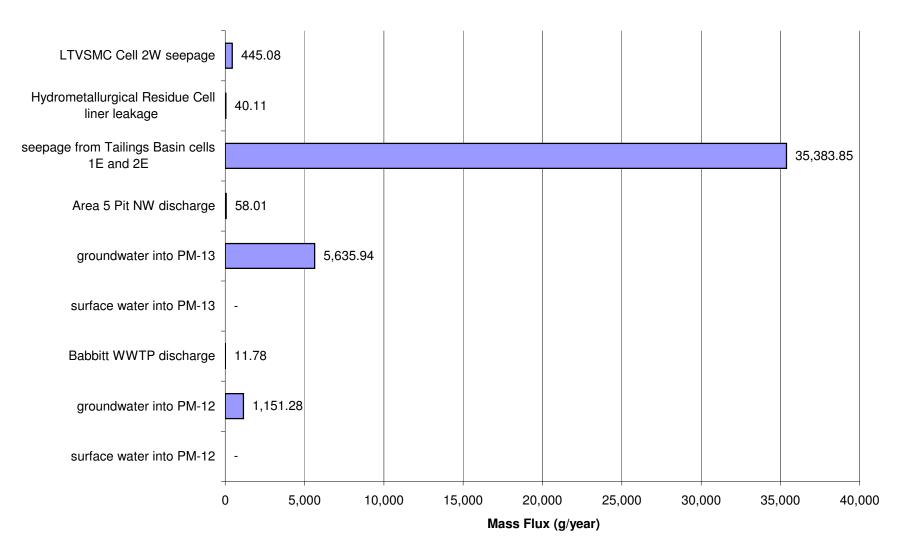
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for High Flow for Nickel (Ni)



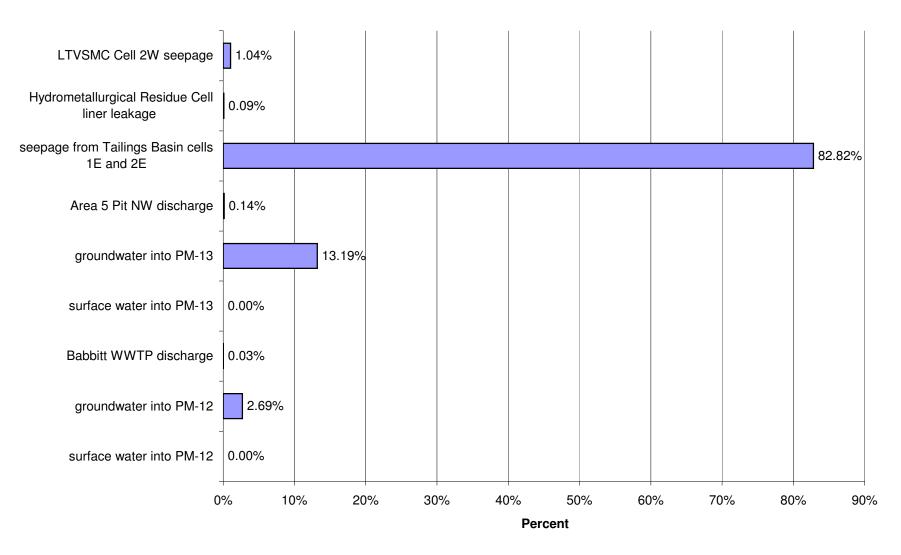
Proposed Action: Percent of Impacts at PM-13 in Year 8 for High Flow for Nickel (Ni)



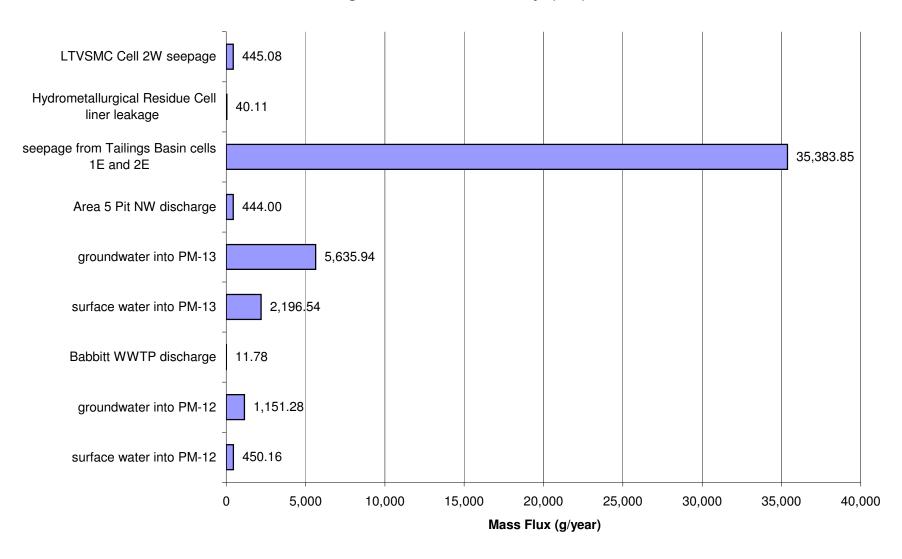
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Low Flow for Antimony (Sb)



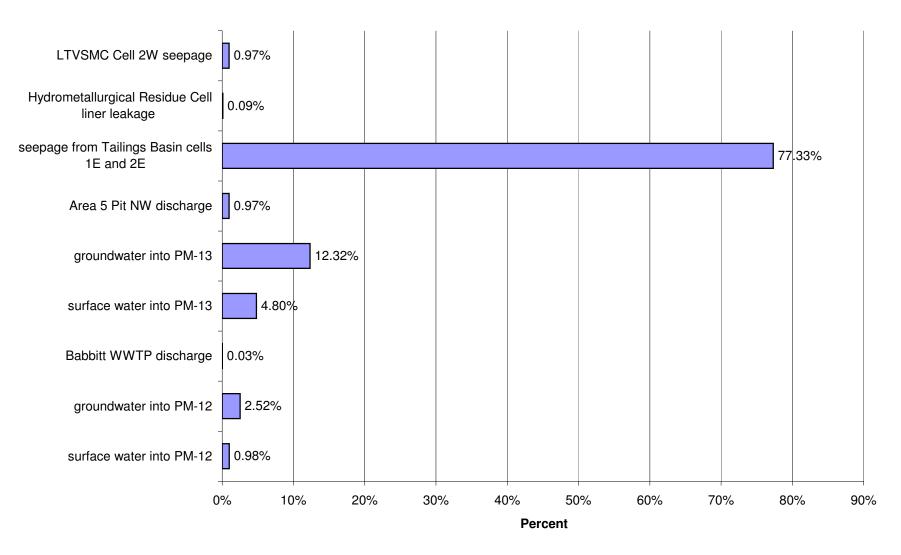
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Antimony (Sb)



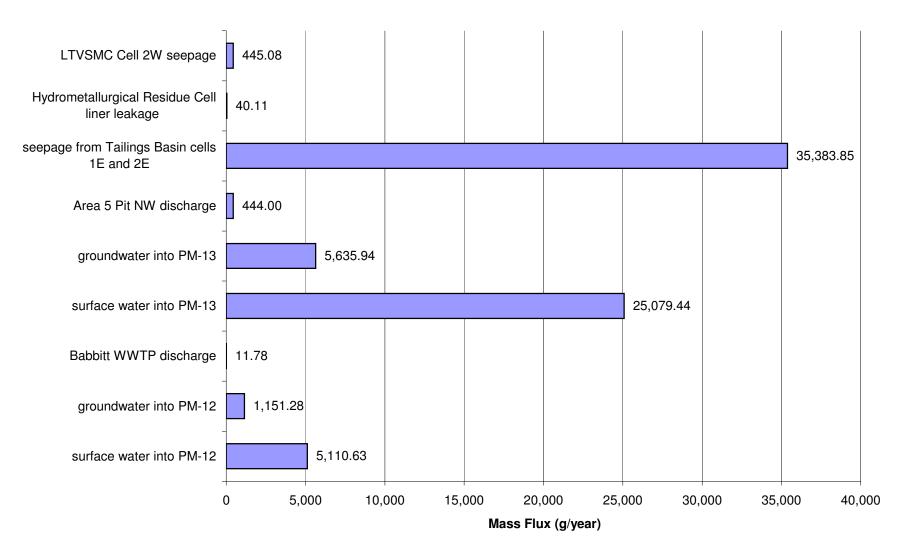
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for Average Flow for Antimony (Sb)



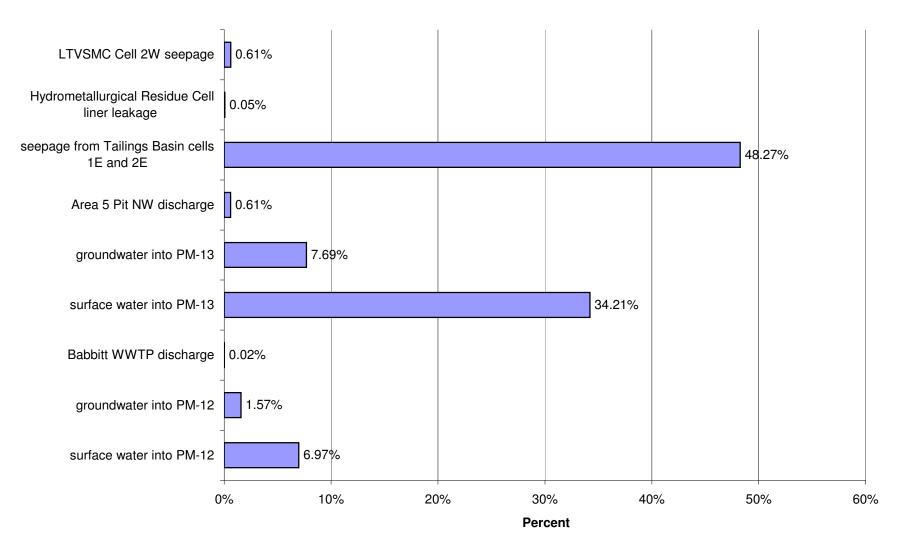
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Average Flow for Antimony (Sb)



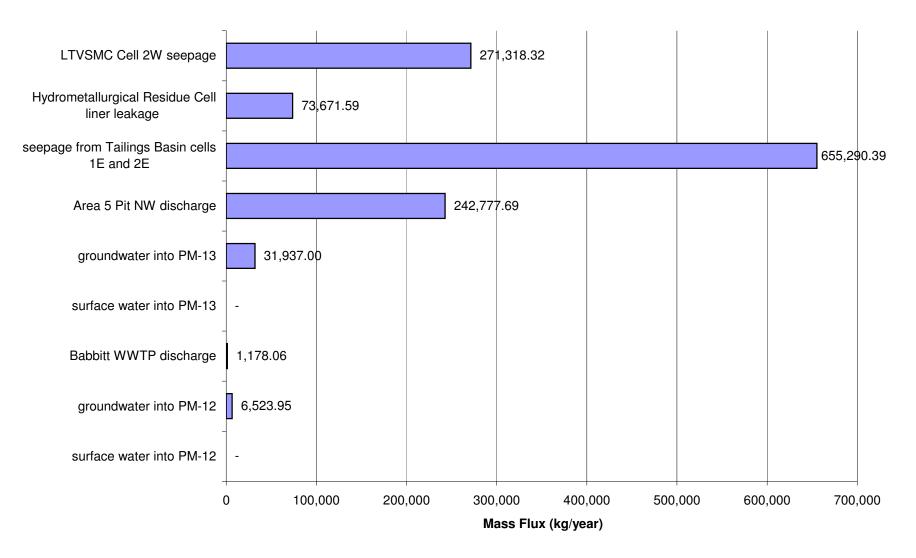
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 8 for High Flow for Antimony (Sb)



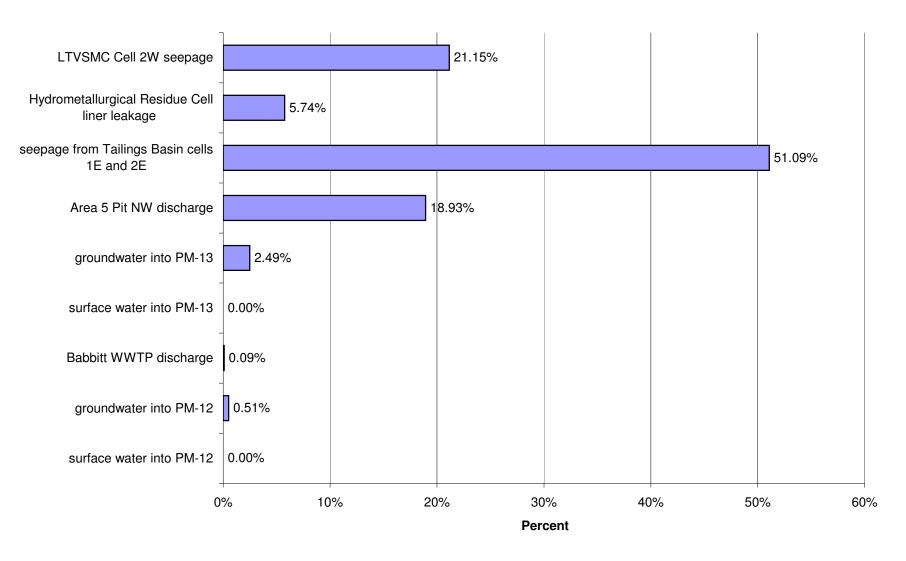
Proposed Action: Percent of Impacts at PM-13 in Year 8 for High Flow for Antimony (Sb)



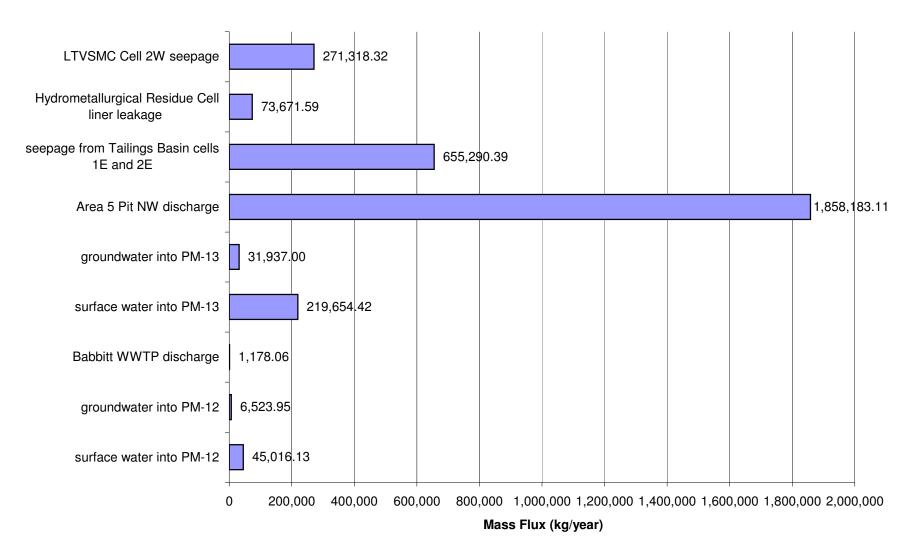
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 8 for Low Flow for Sulfate (SO₄)

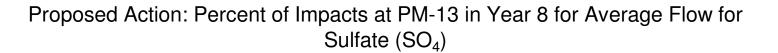


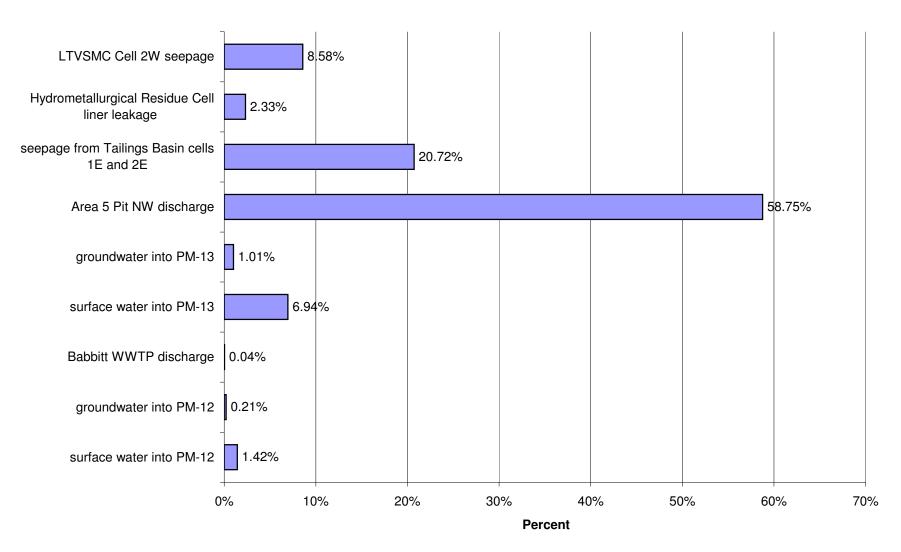
Proposed Action: Percent of Impacts at PM-13 in Year 8 for Low Flow for Sulfate (SO_4)



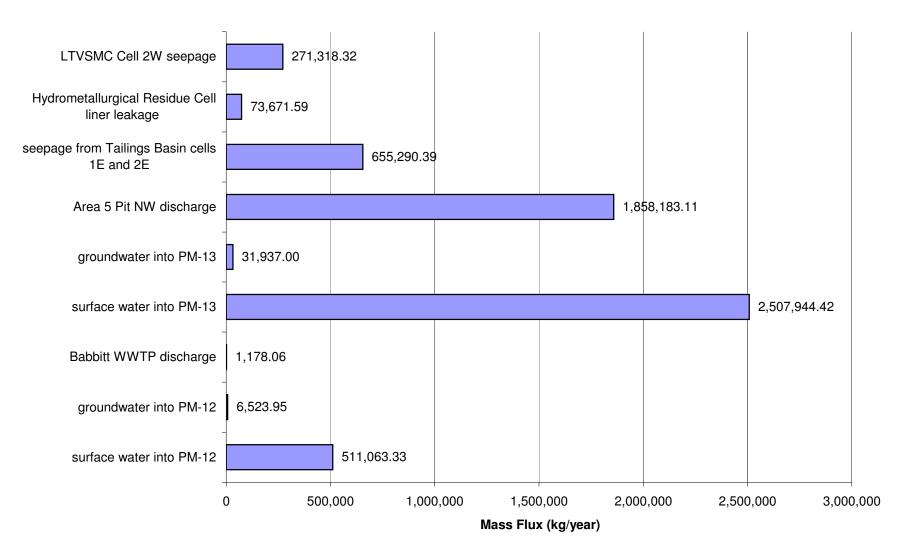
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 8 for Average Flow for Sulfate (SO₄)

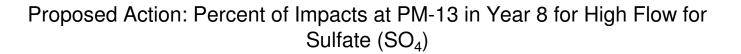


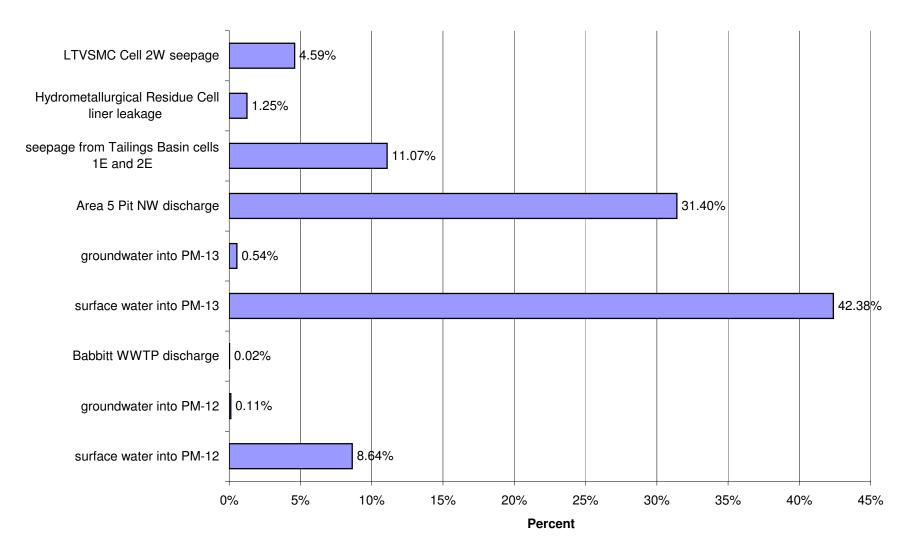




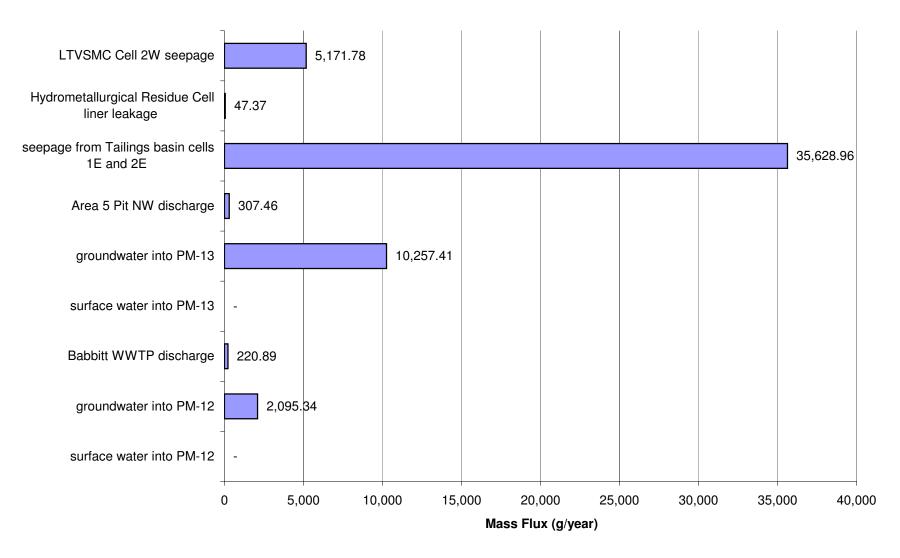
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 8 for High Flow for Sulfate (SO_4)



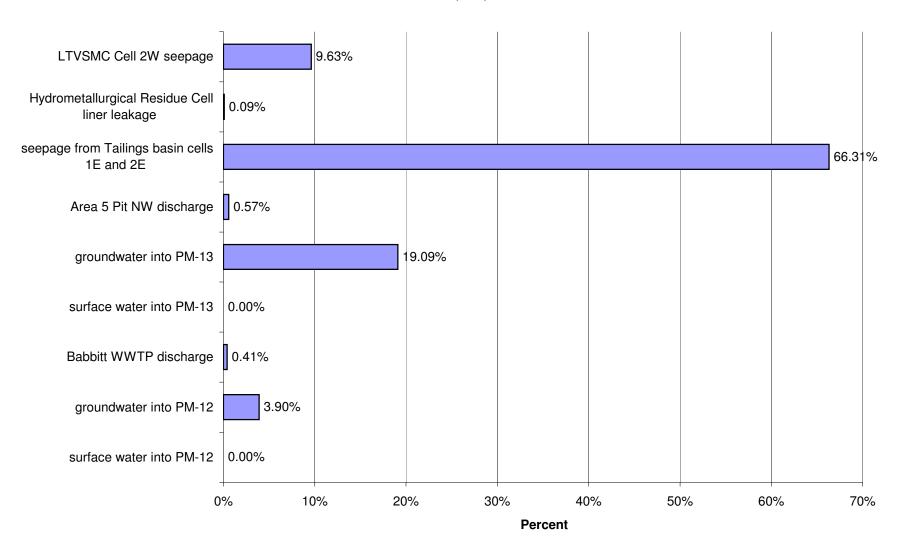




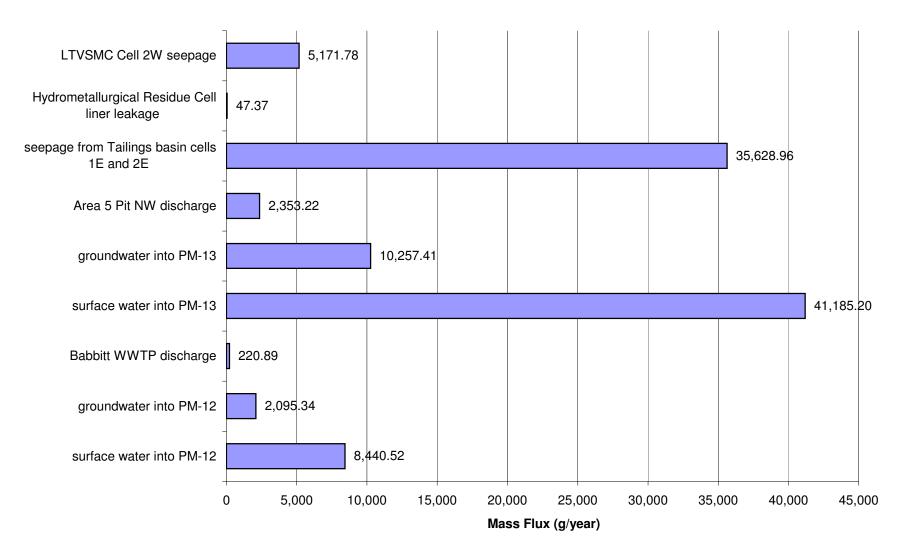
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Low Flow for Arsenic (As)

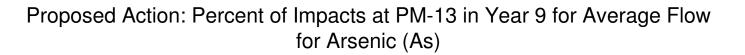


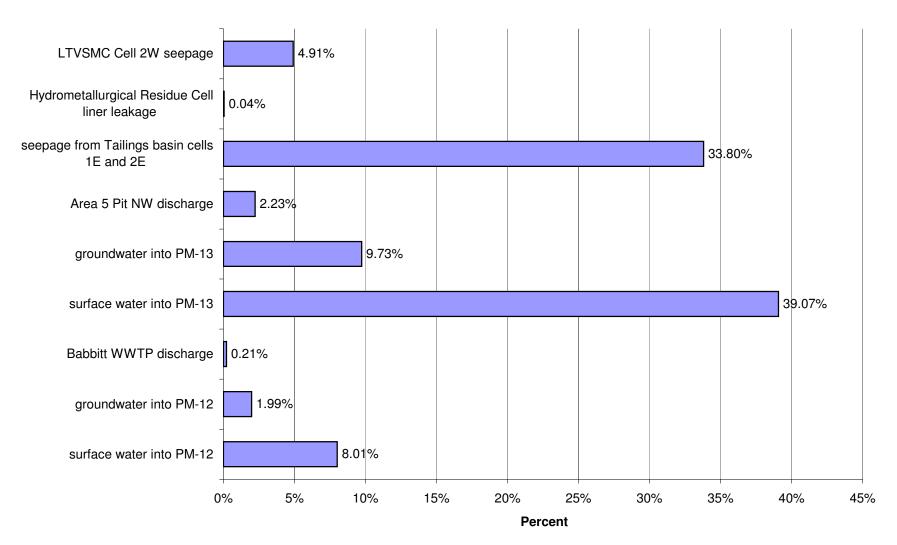
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Arsenic (As)



Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Average Flow for Arsenic (As)

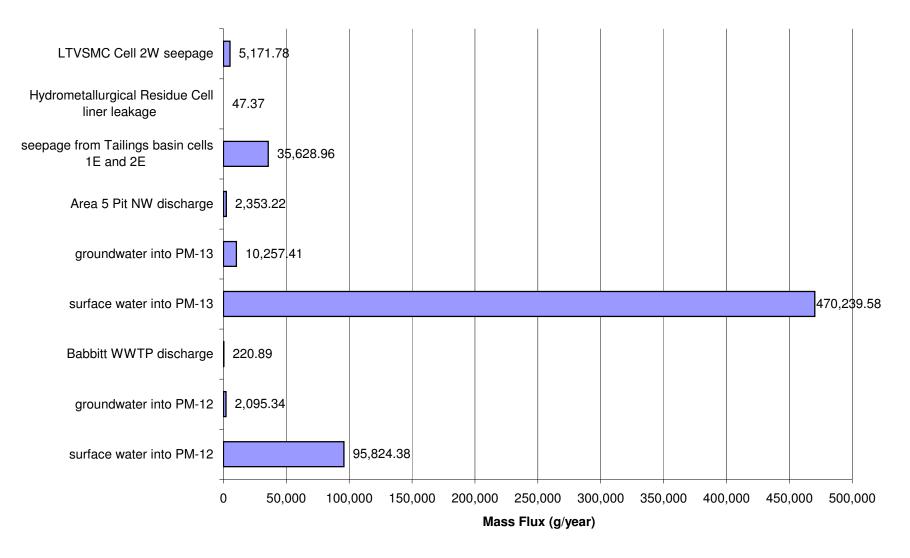




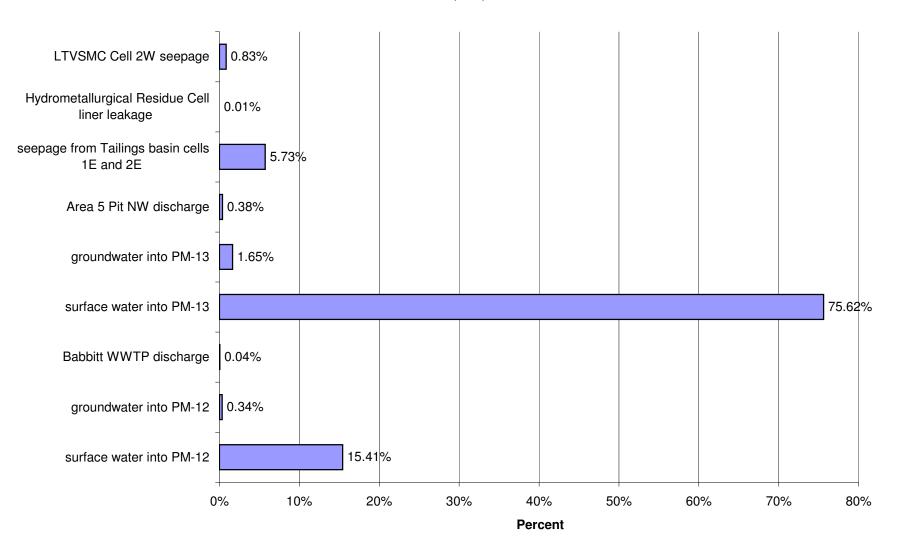


As, PM-13, high, mass flux

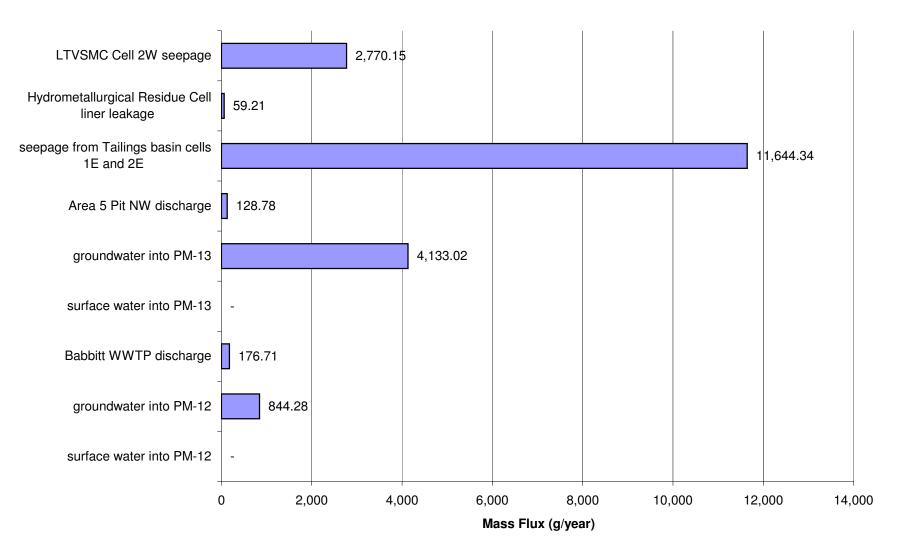
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for High Flow for Arsenic (As)



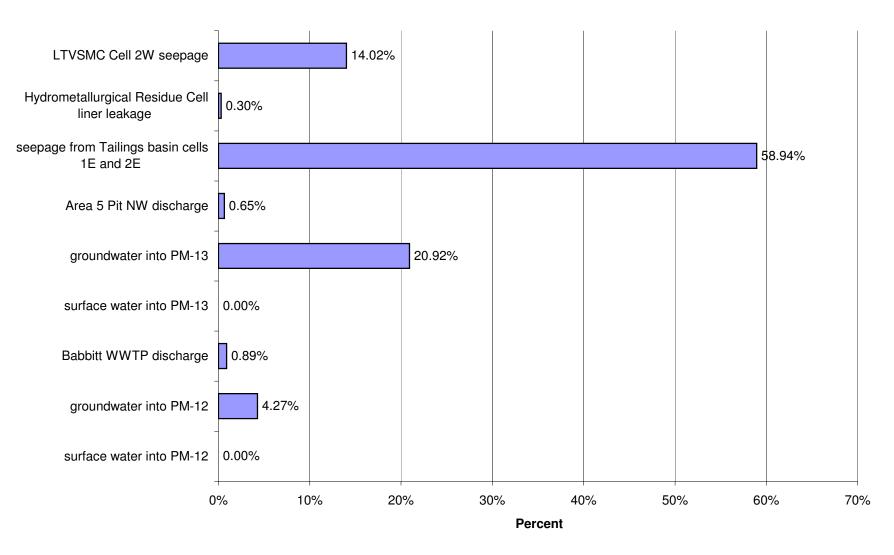
Proposed Action: Percent of Impacts at PM-13 in Year 9 for High Flow for Arsenic (As)



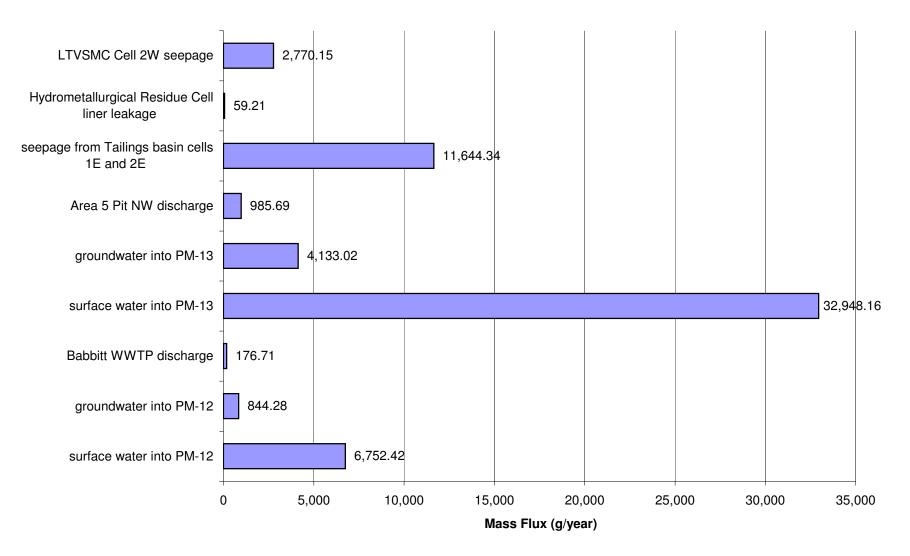
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Low Flow for Cobalt (Co)

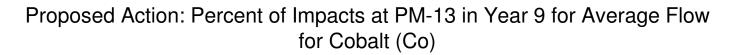


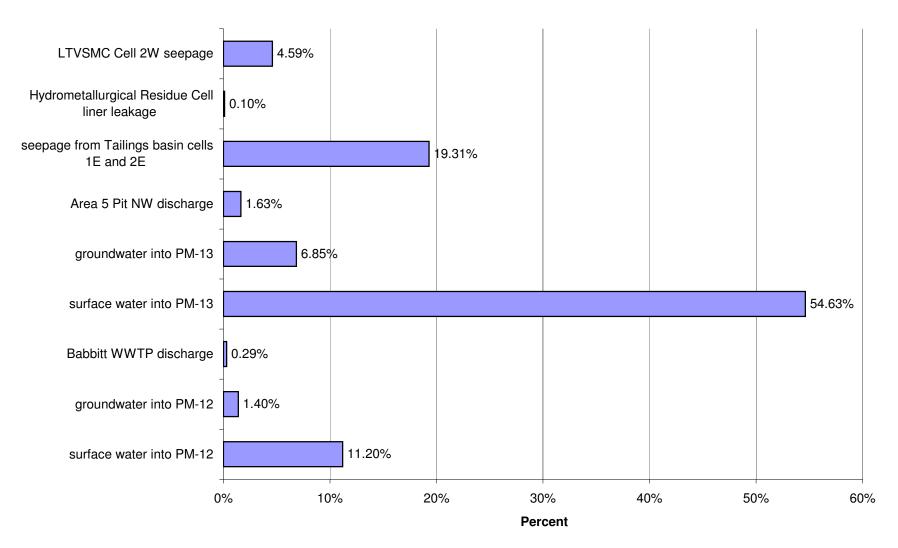
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Cobalt (Co)



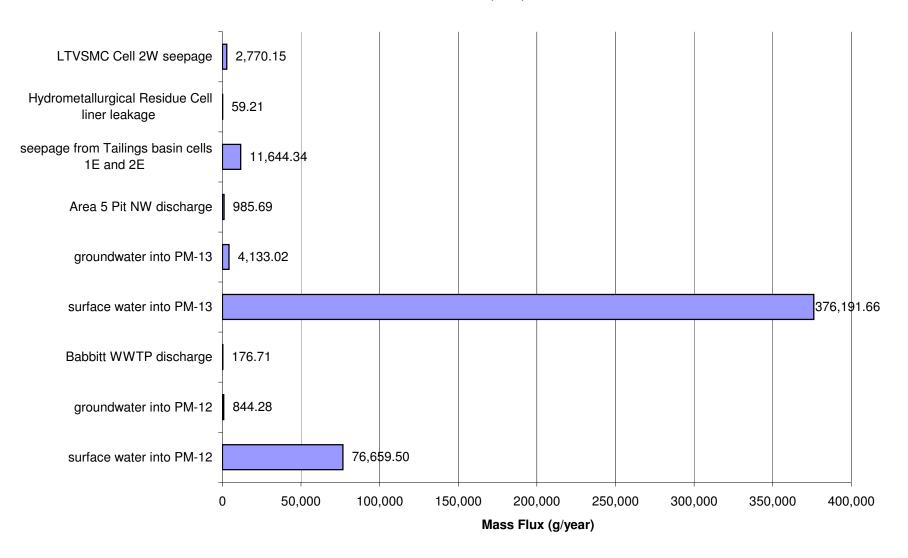
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Average Flow for Cobalt (Co)



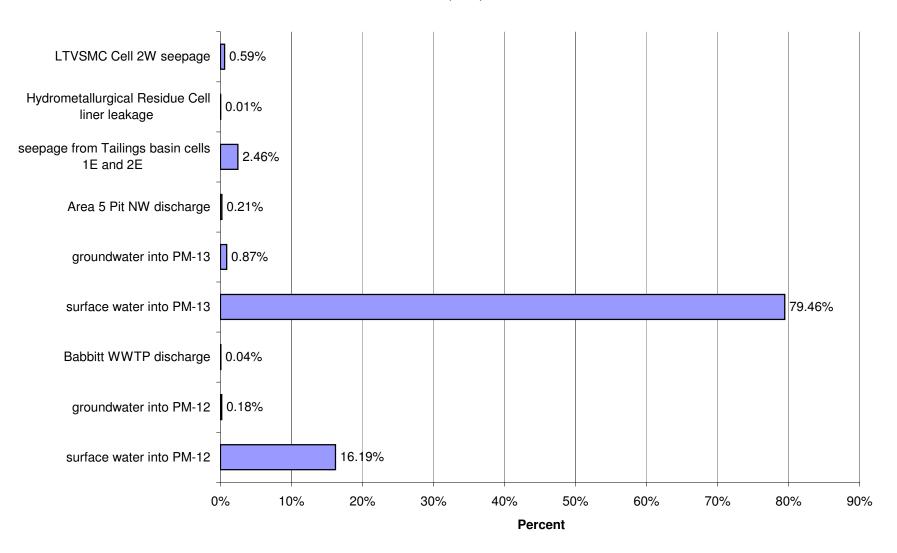




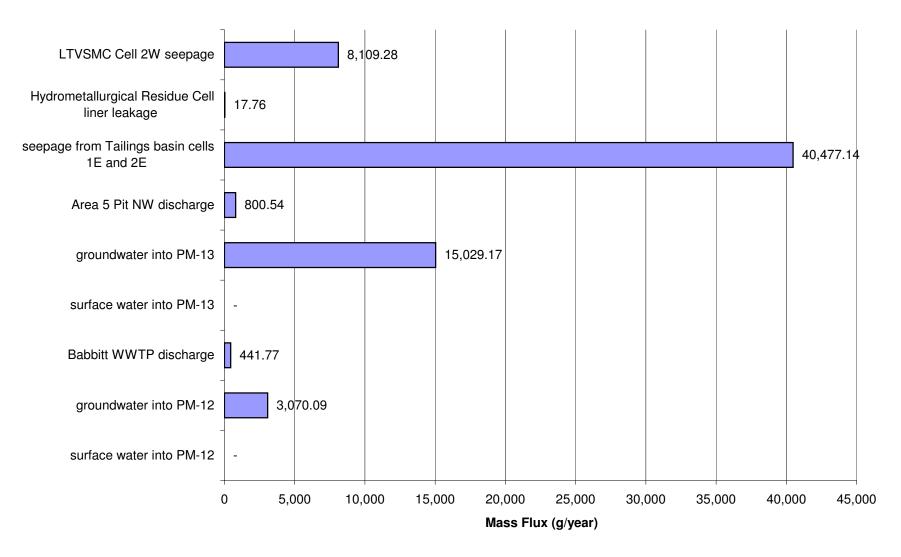
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for High Flow for Cobalt (Co)



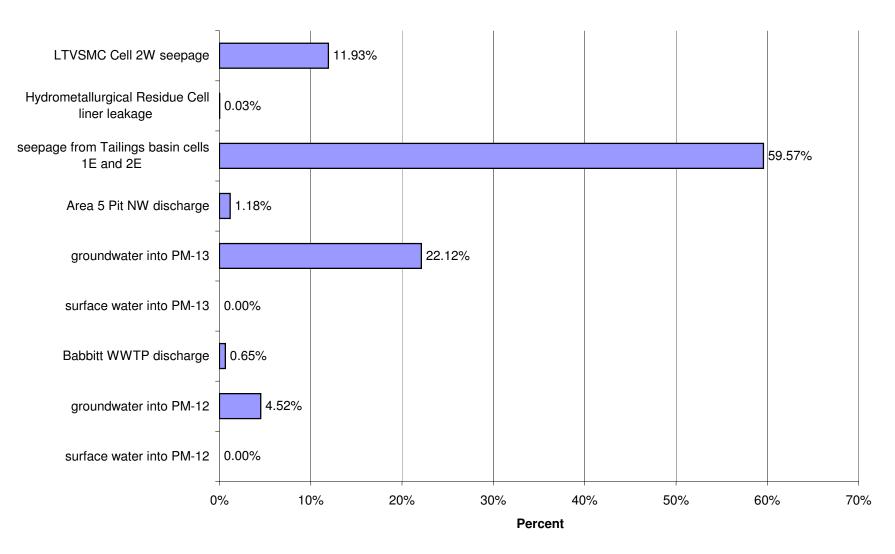
Proposed Action: Percent of Impacts at PM-13 in Year 9 for High Flow for Cobalt (Co)



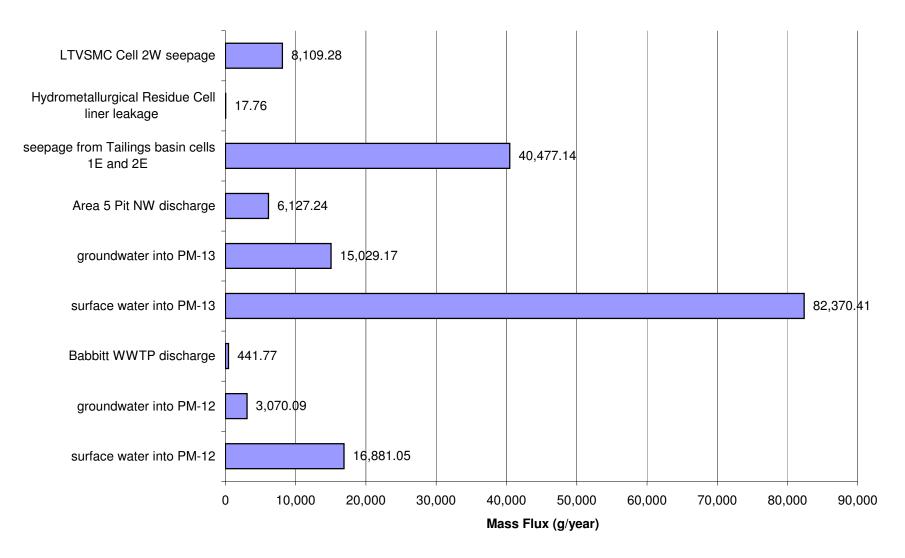
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Low Flow for Copper (Cu)

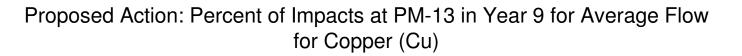


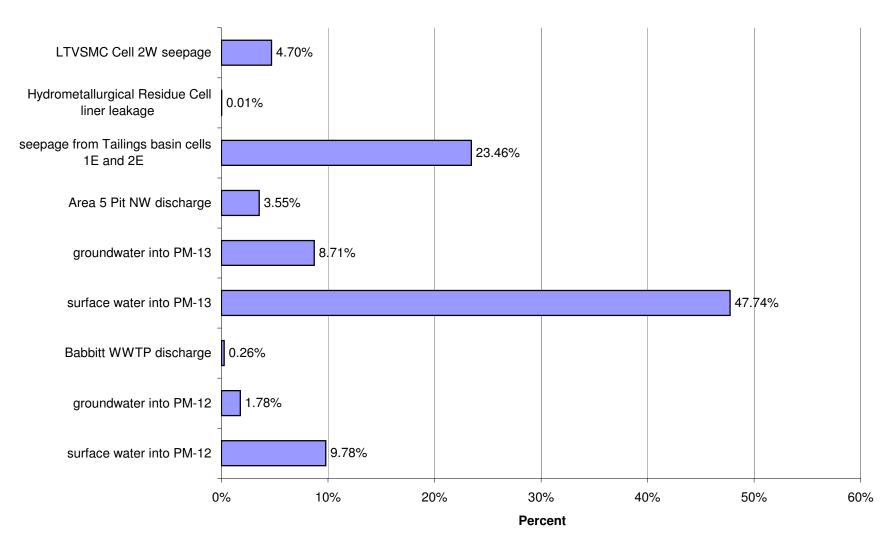
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Copper (Cu)



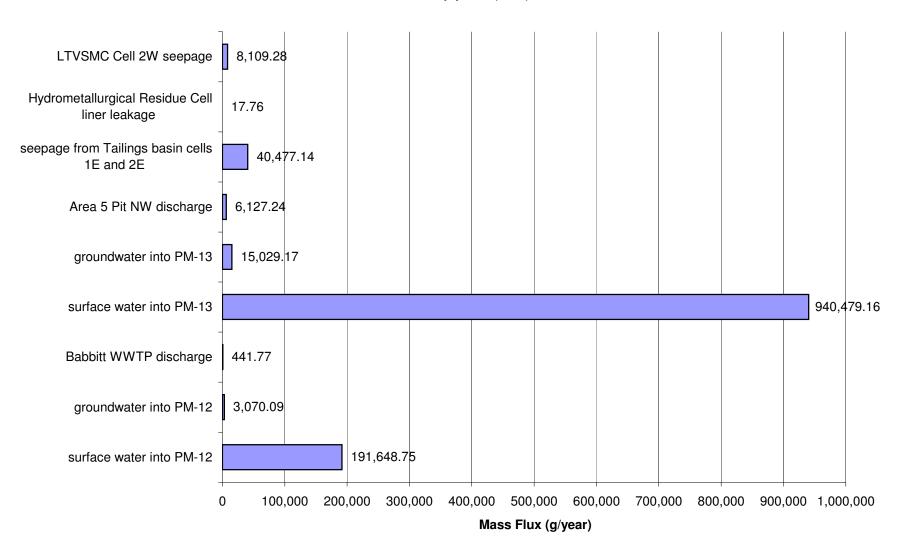
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Average Flow for Copper (Cu)



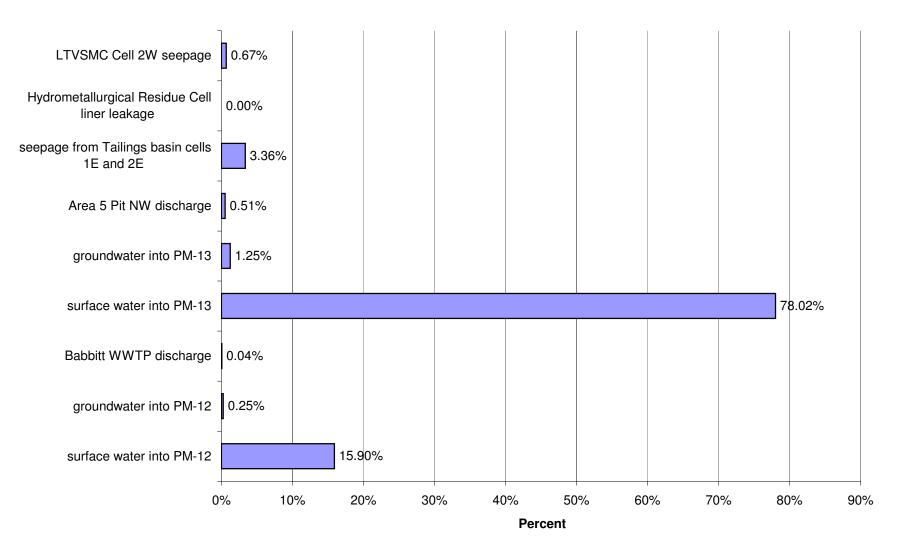




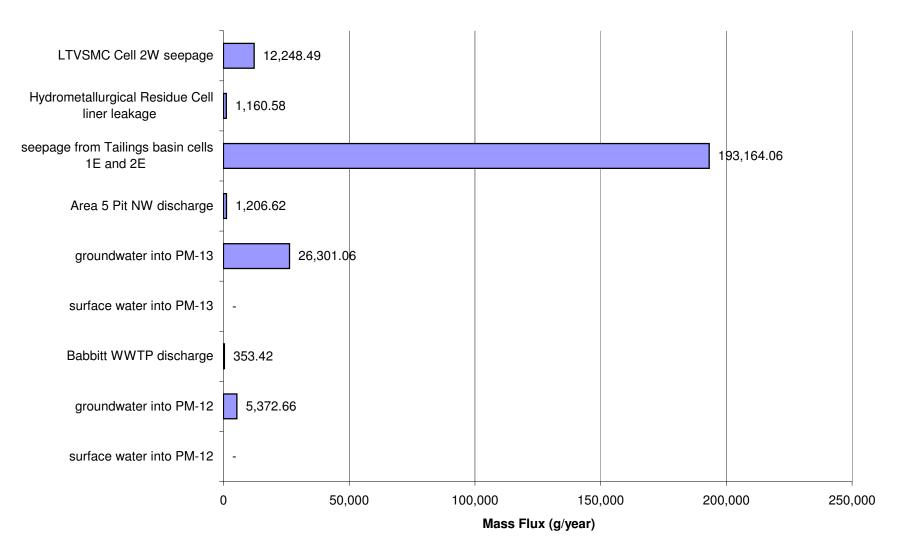
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for High Flow for Copper (Cu)



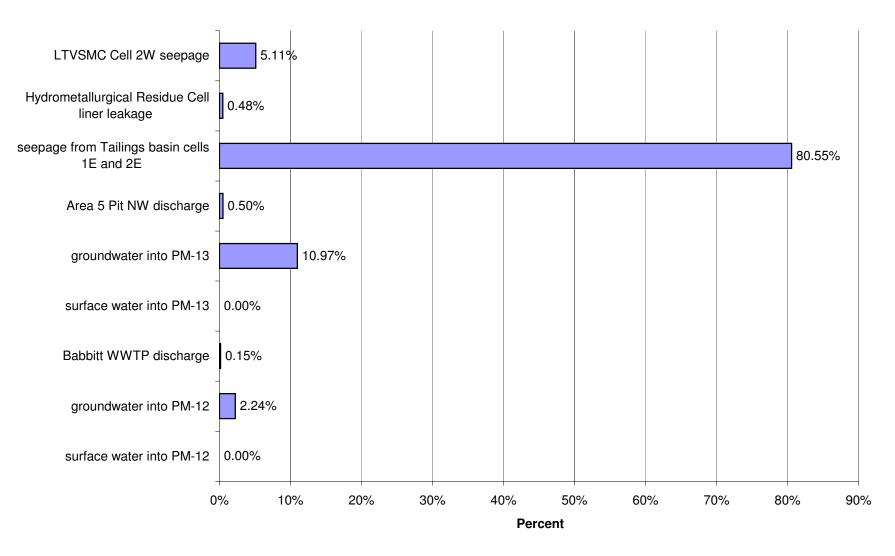
Proposed Action: Percent of Impacts at PM-13 in Year 9 for High Flow for Copper (Cu)



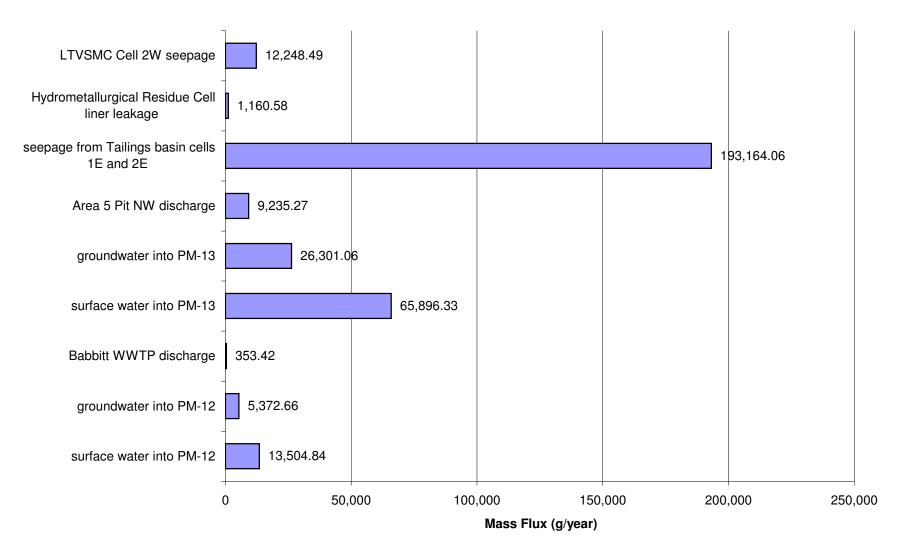
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Low Flow for Nickel (Ni)

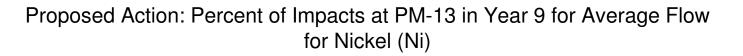


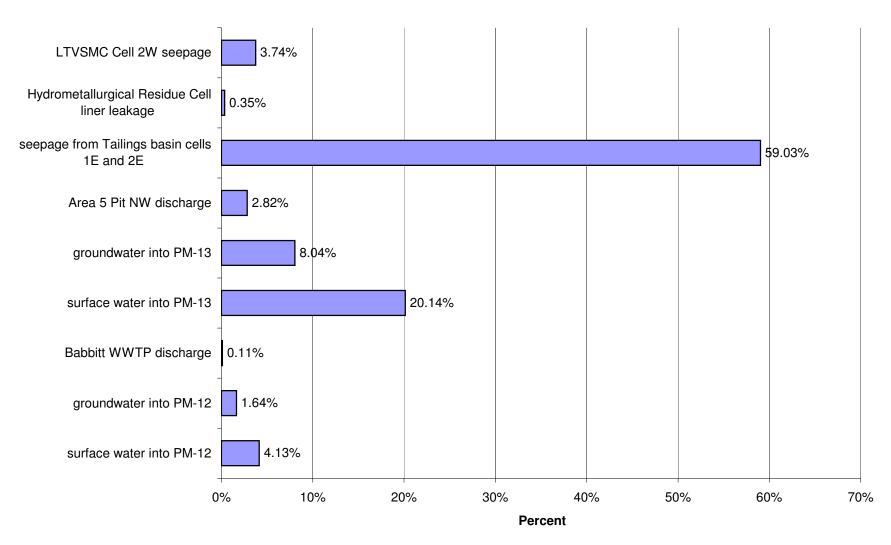
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Nickel (Ni)



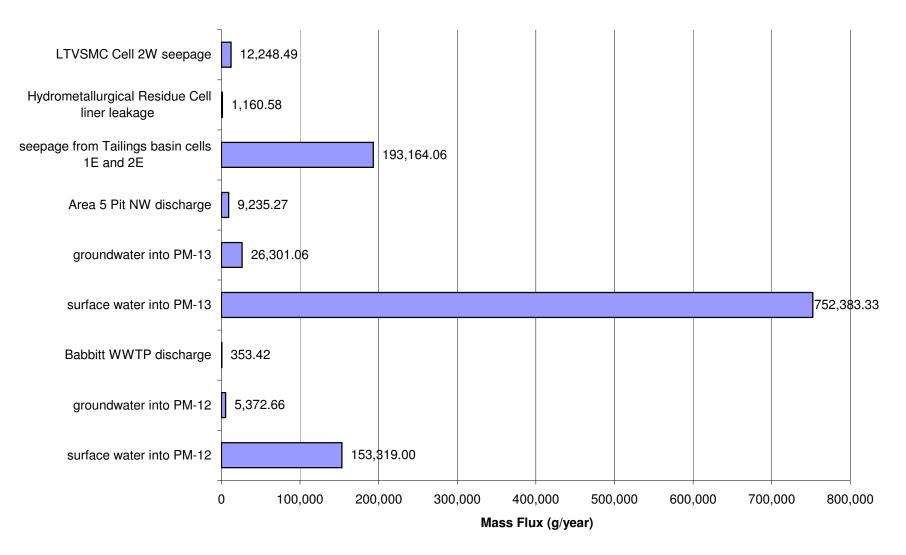
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Average Flow for Nickel (Ni)



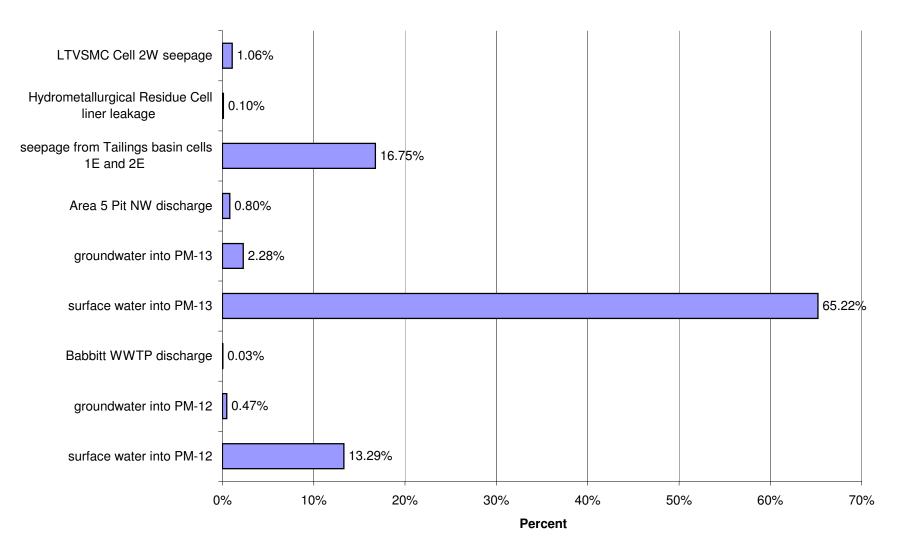




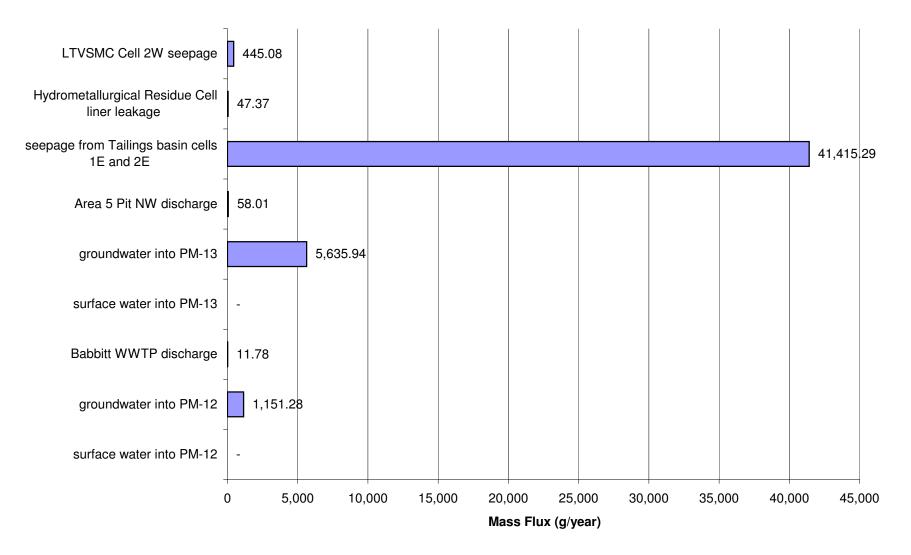
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for High Flow for Nickel (Ni)



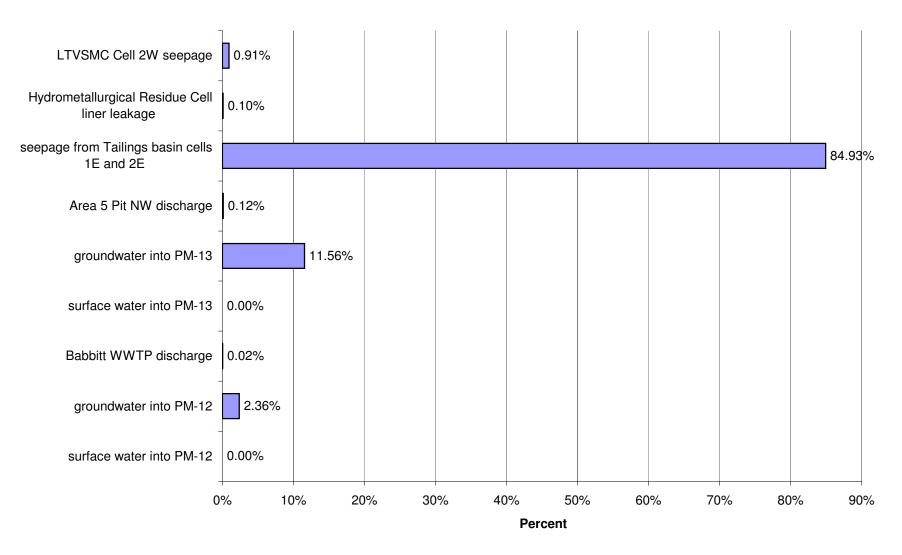
Proposed Action: Percent of Impacts at PM-13 in Year 9 for High Flow for Nickel (Ni)



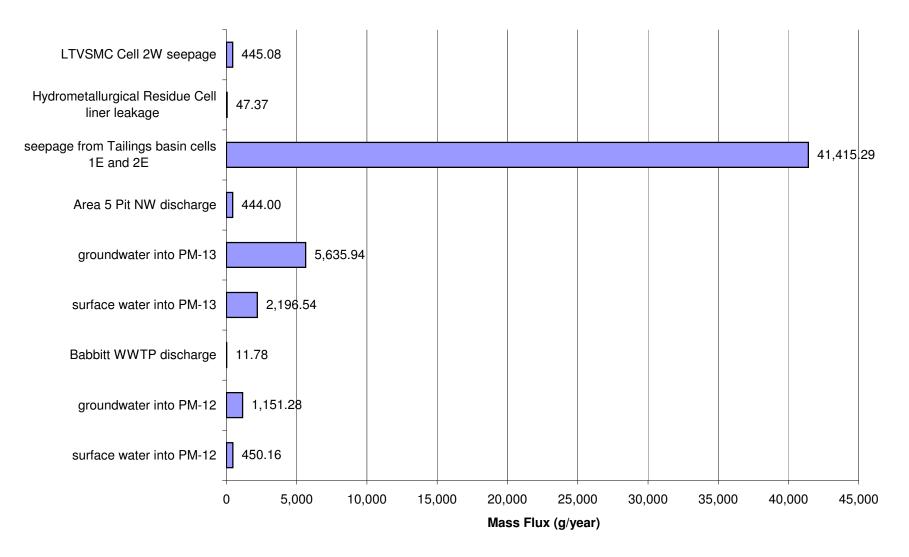
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Low Flow for Antimony (Sb)



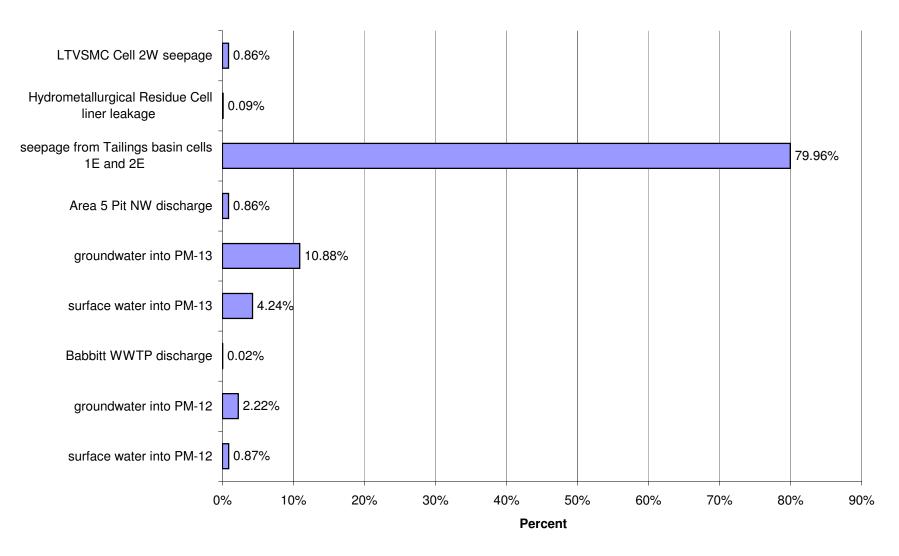
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Antimony (Sb)



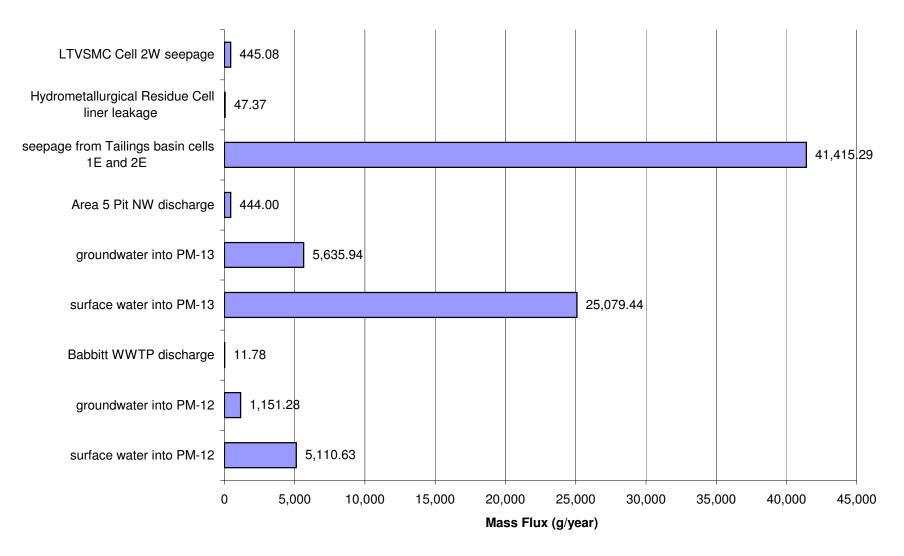
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for Average Flow for Antimony (Sb)



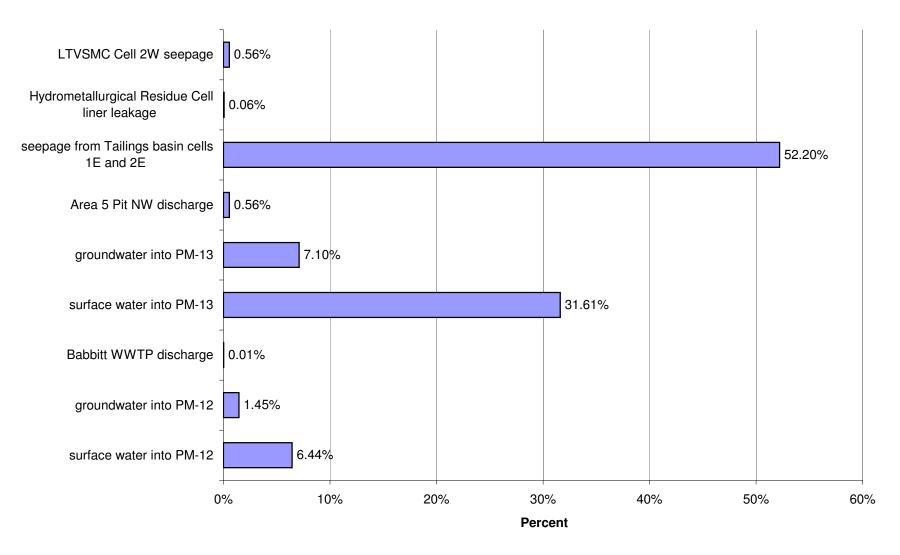
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Average Flow for Antimony (Sb)



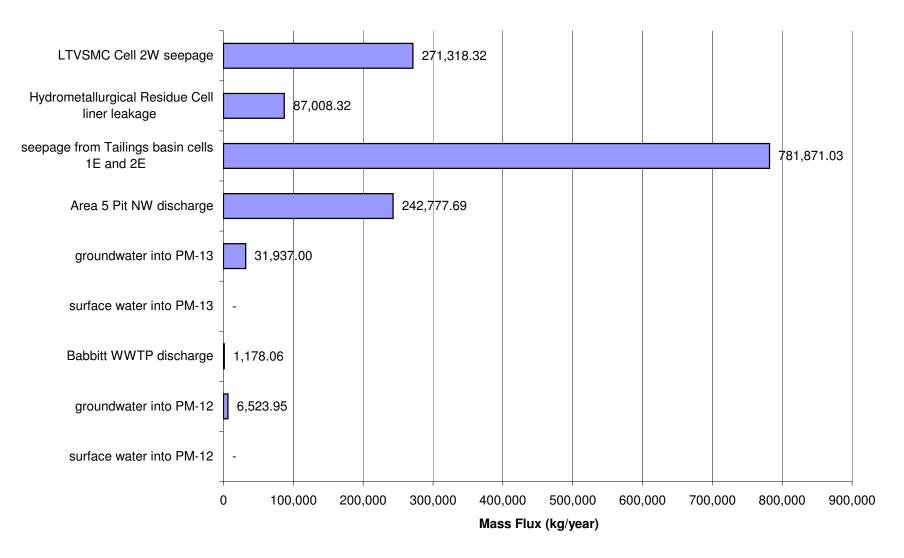
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 9 for High Flow for Antimony (Sb)



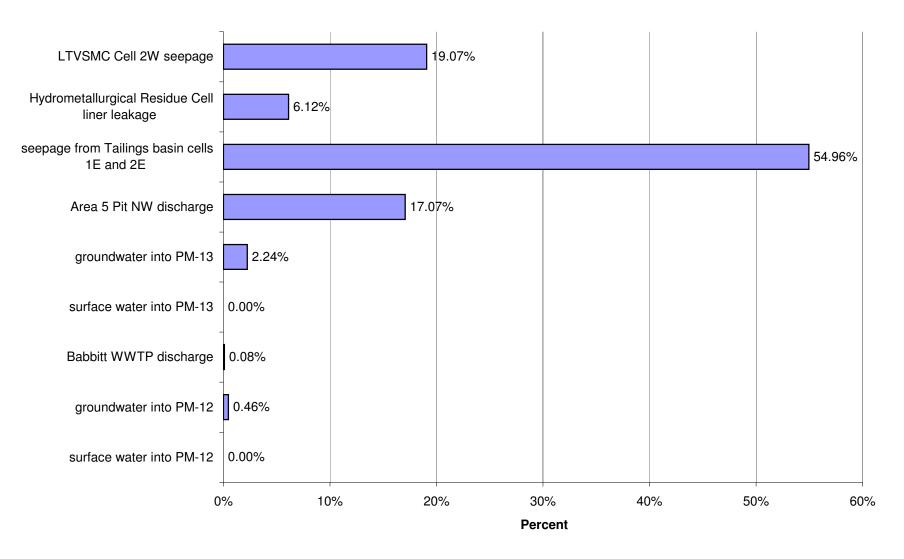
Proposed Action: Percent of Impacts at PM-13 in Year 9 for High Flow for Antimony (Sb)



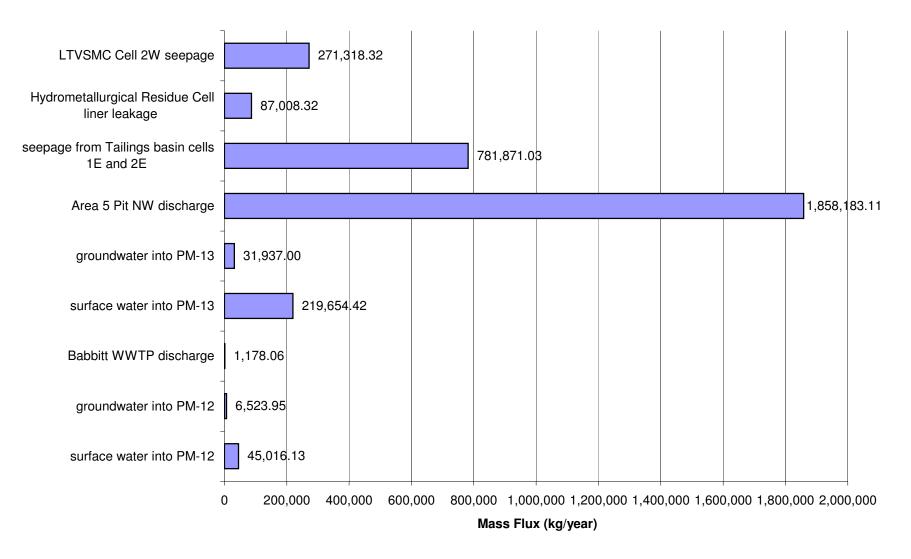
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 9 for Low Flow for Sulfate (SO₄)

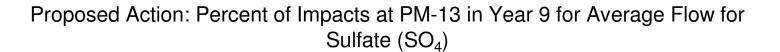


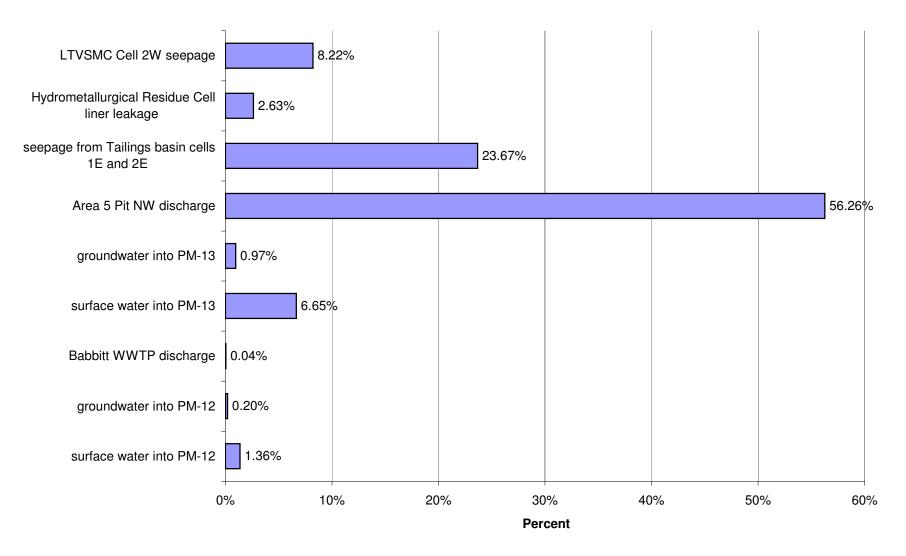
Proposed Action: Percent of Impacts at PM-13 in Year 9 for Low Flow for Sulfate (SO_4)



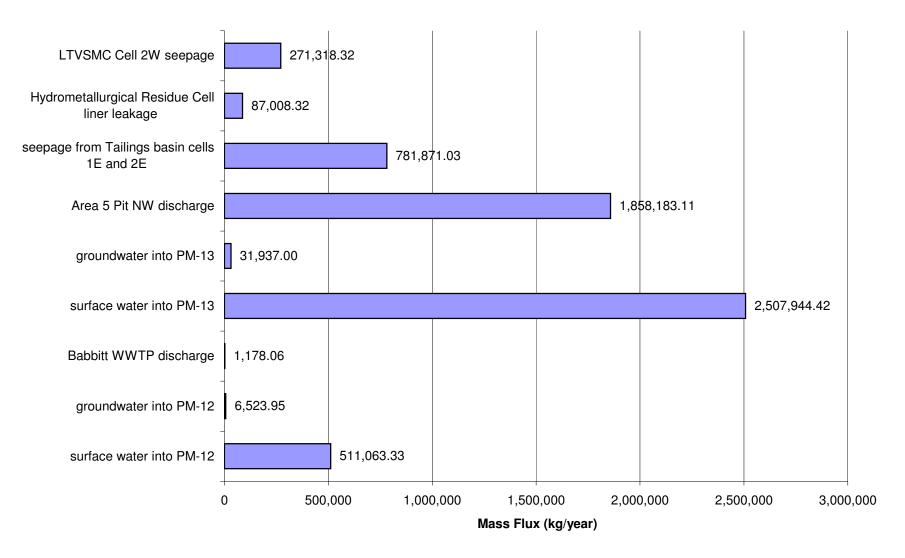
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 9 for Average Flow for Sulfate (SO₄)

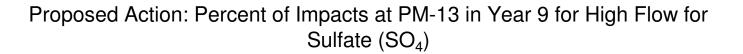


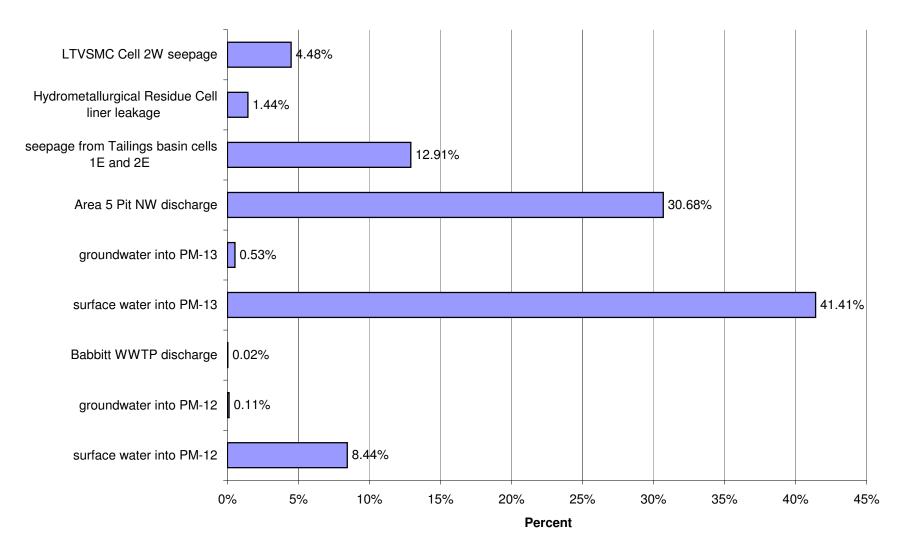




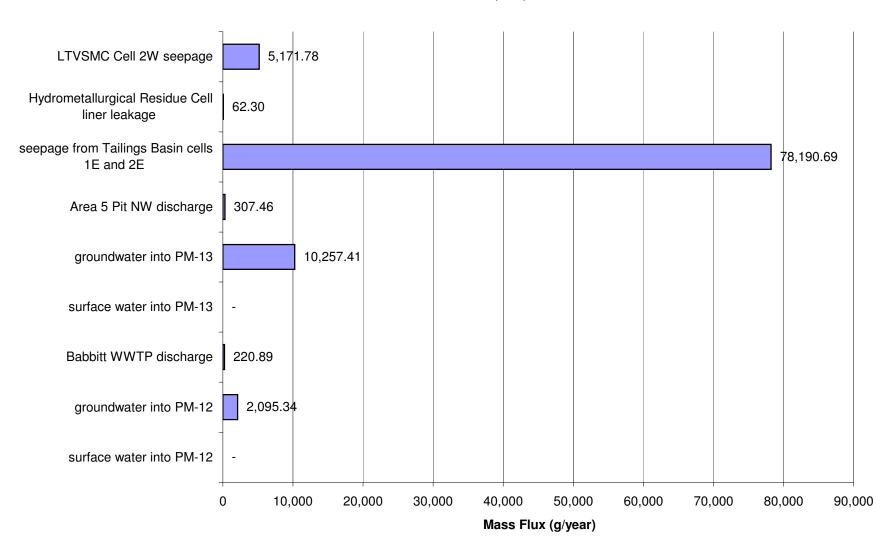
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 9 for High Flow for Sulfate (SO₄)



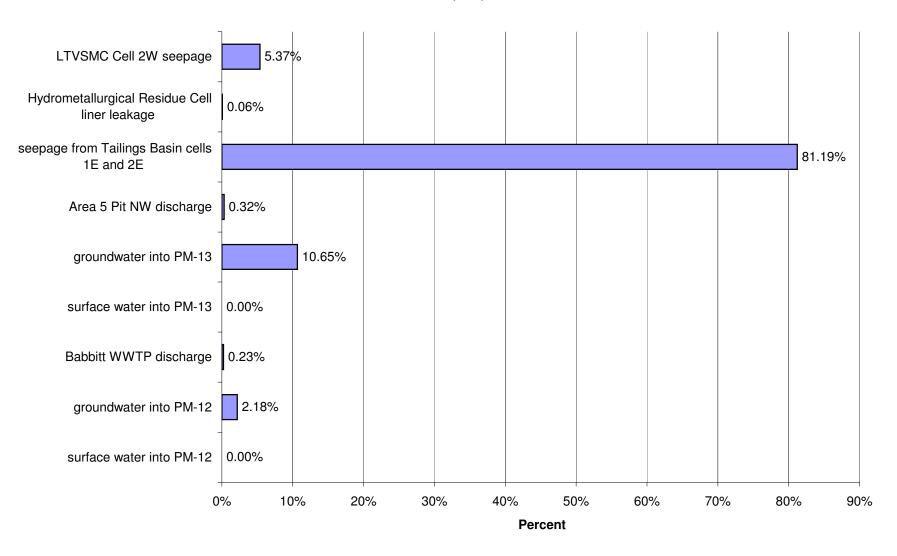




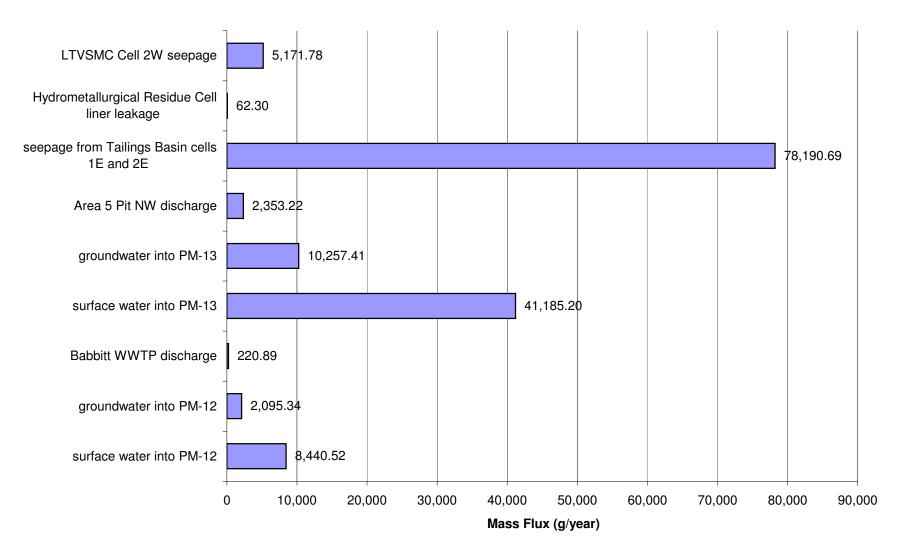
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Arsenic (As)



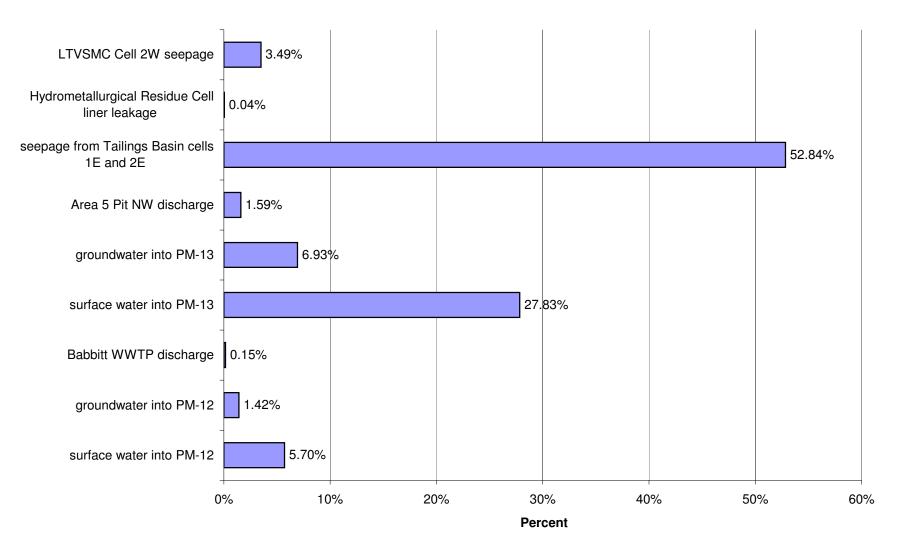
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Low Flow for Arsenic (As)



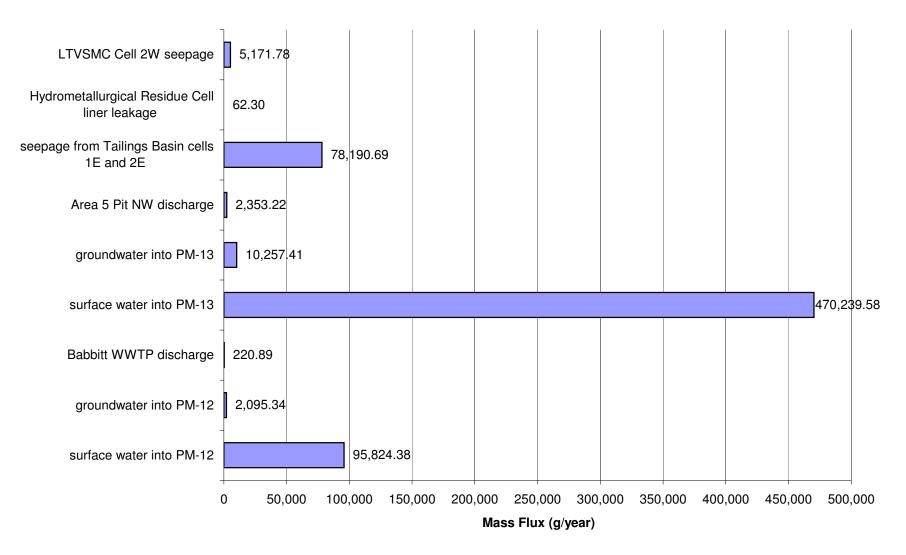
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Arsenic (As)



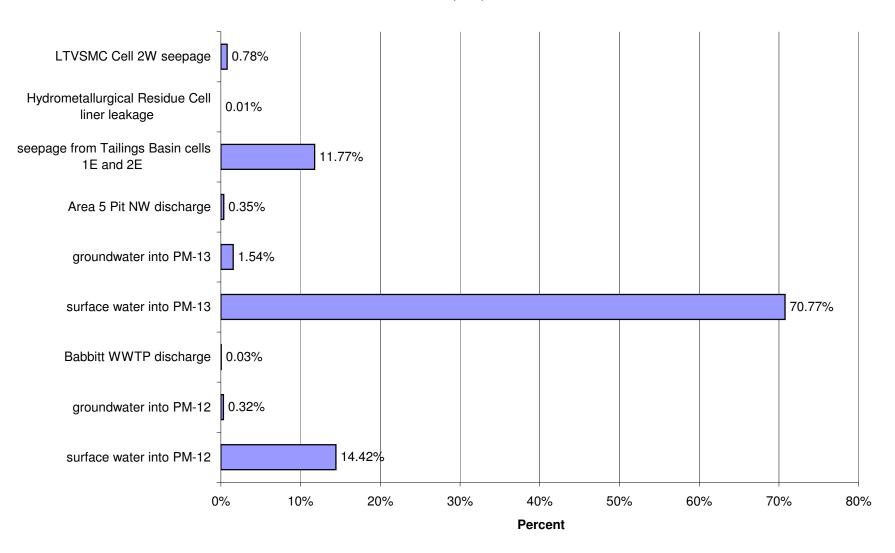
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Average Flow for Arsenic (As)



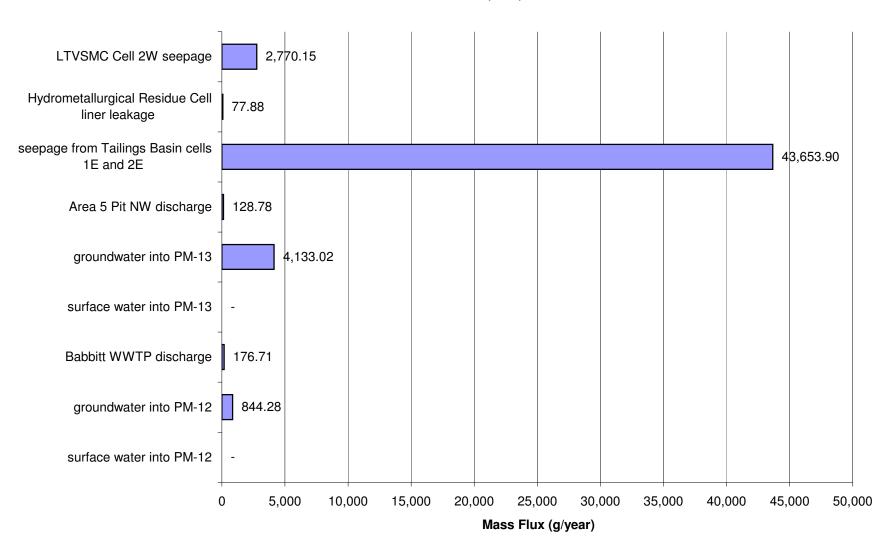
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Arsenic (As)



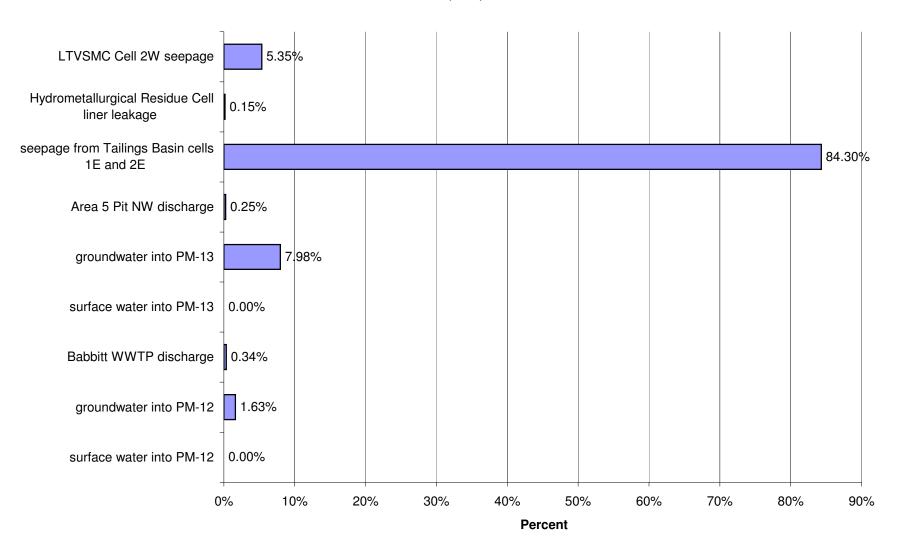
Proposed Action: Percent of Impacts at PM-13 in Year 15 for High Flow for Arsenic (As)



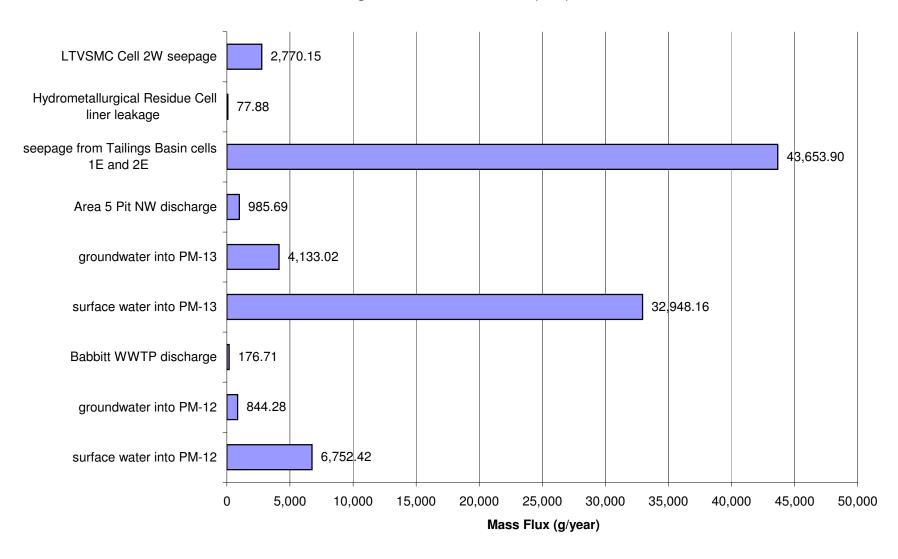
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Cobalt (Co)



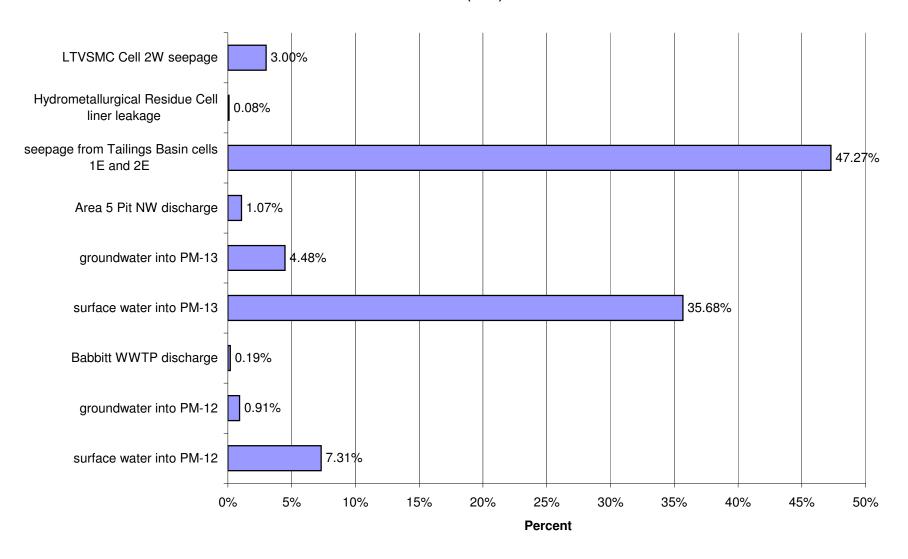
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Low Flow for Cobalt (Co)



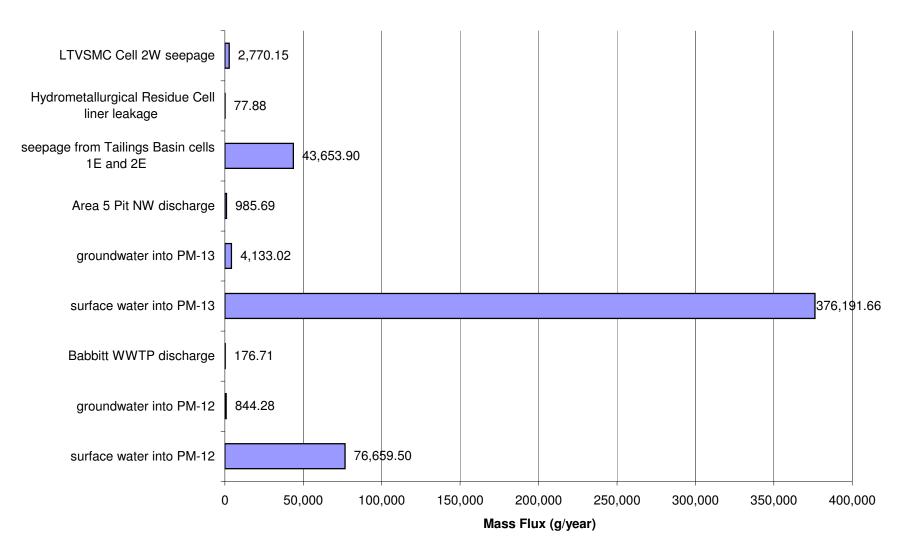
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Cobalt (Co)



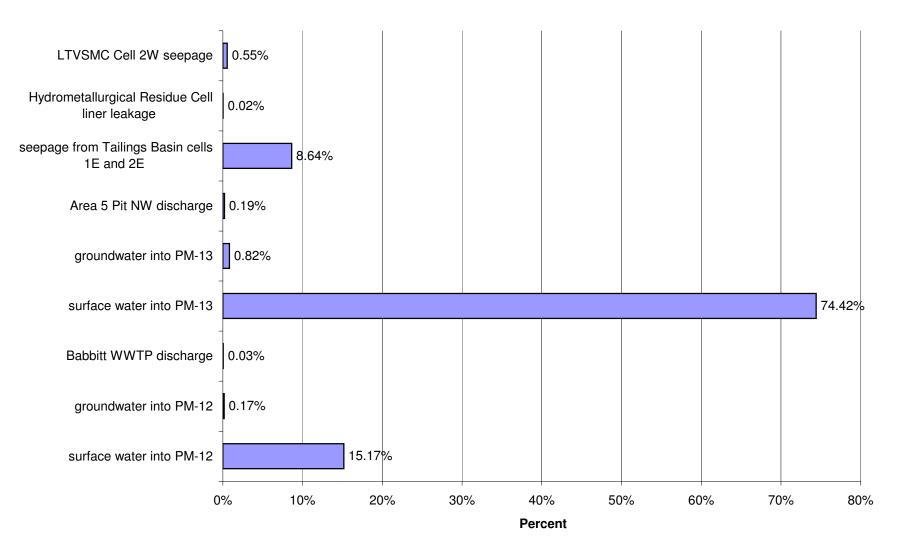
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Average Flow for Cobalt (Co)



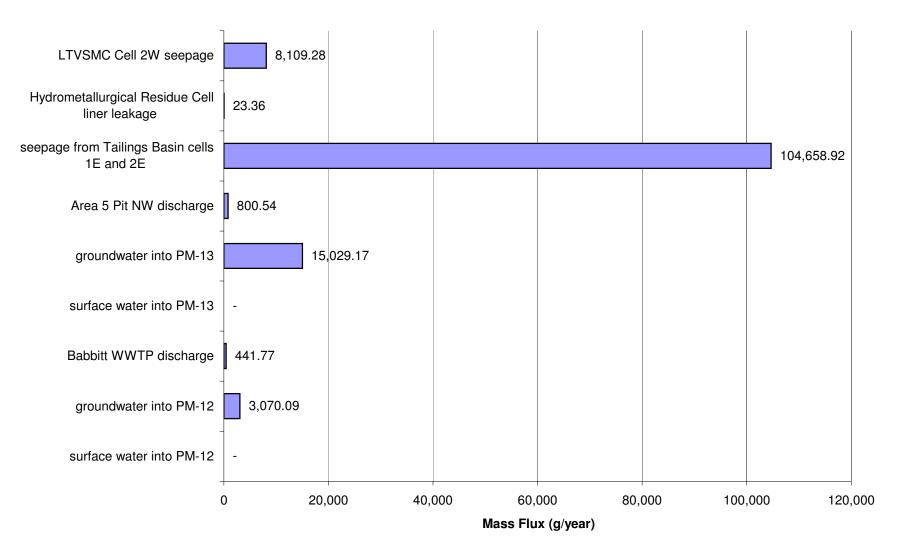
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Cobalt (Co)

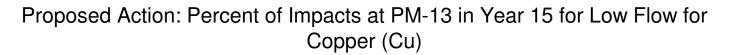


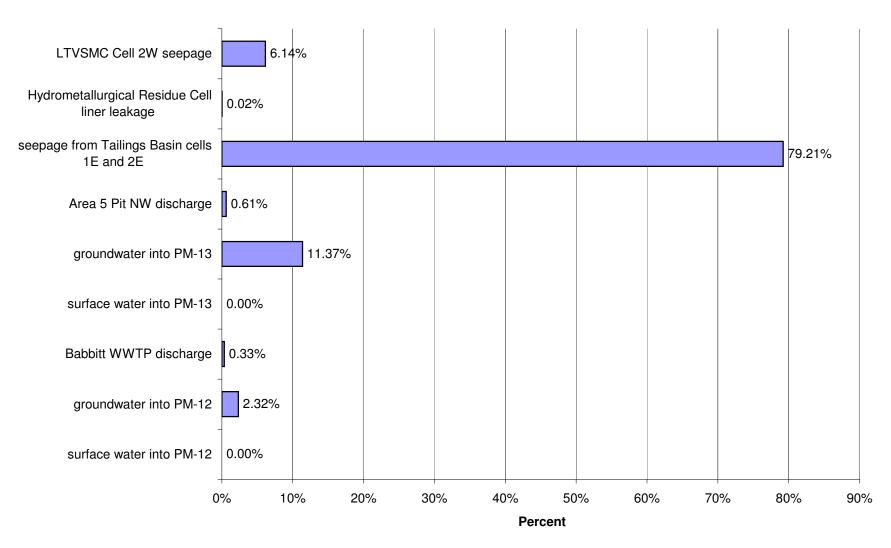
Proposed Action: Percent of Impacts at PM-13 in Year 15 for High Flow for Cobalt (Co)



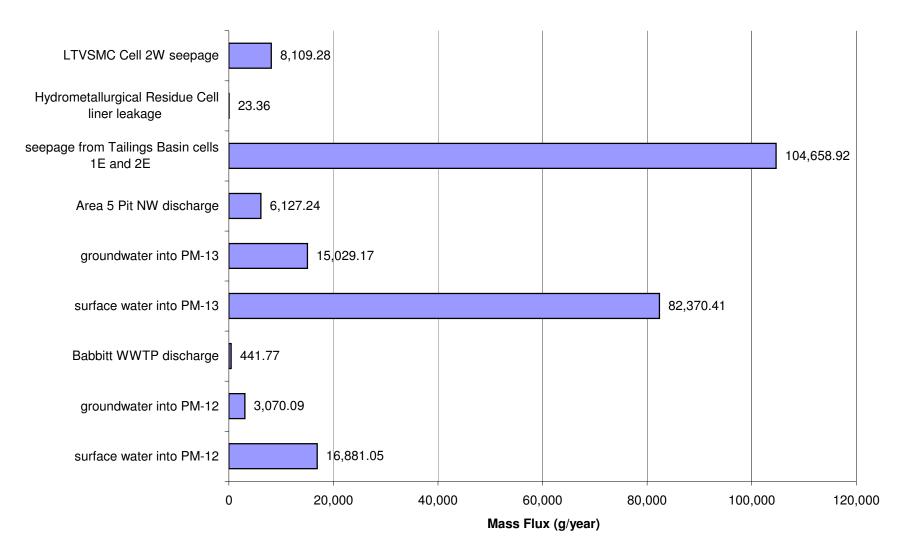
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Copper (Cu)



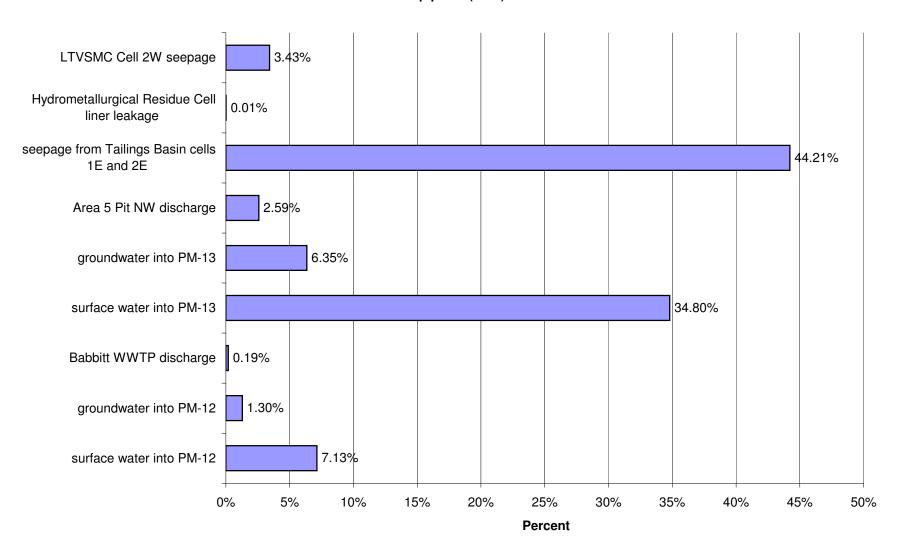




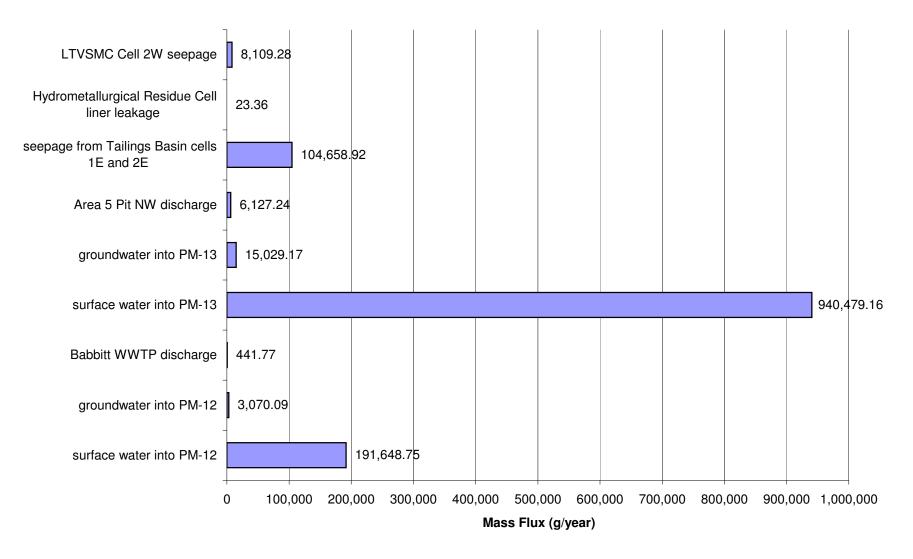
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Copper (Cu)



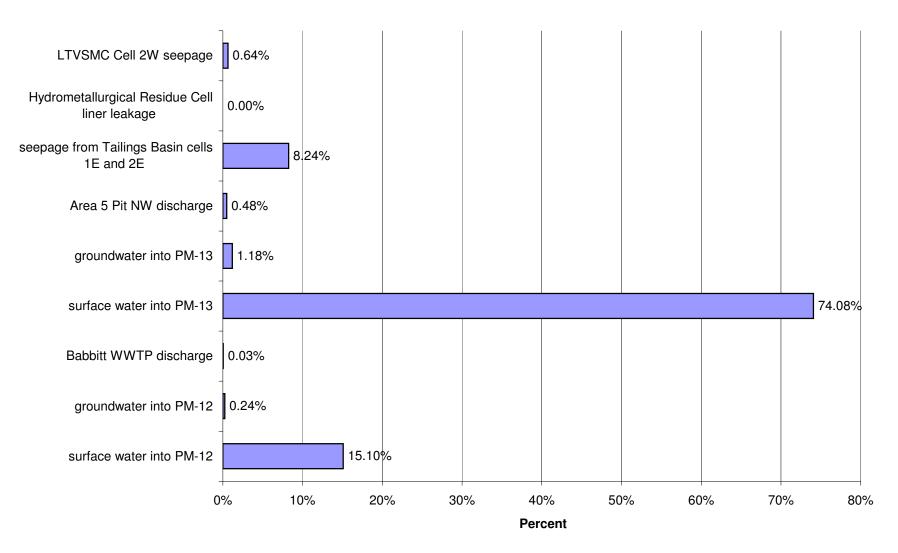
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Average Flow for Copper (Cu)



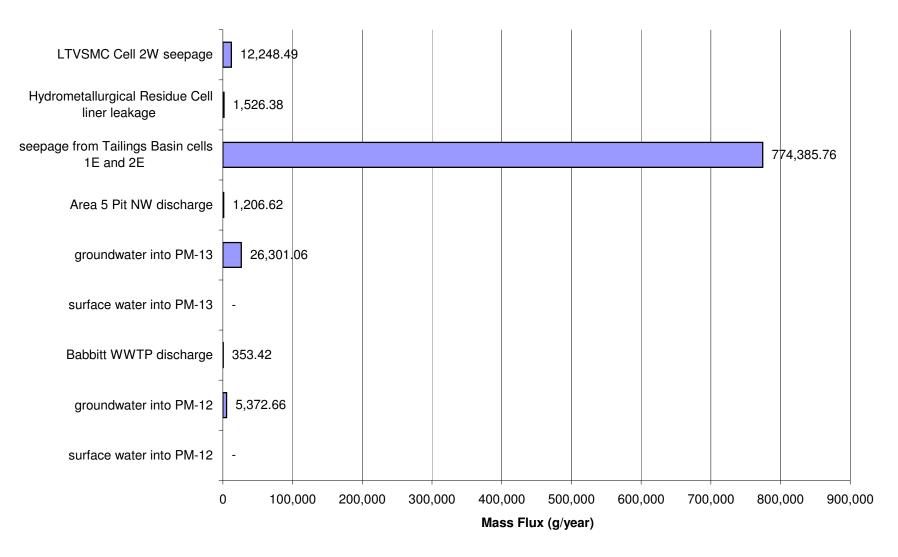
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Copper (Cu)



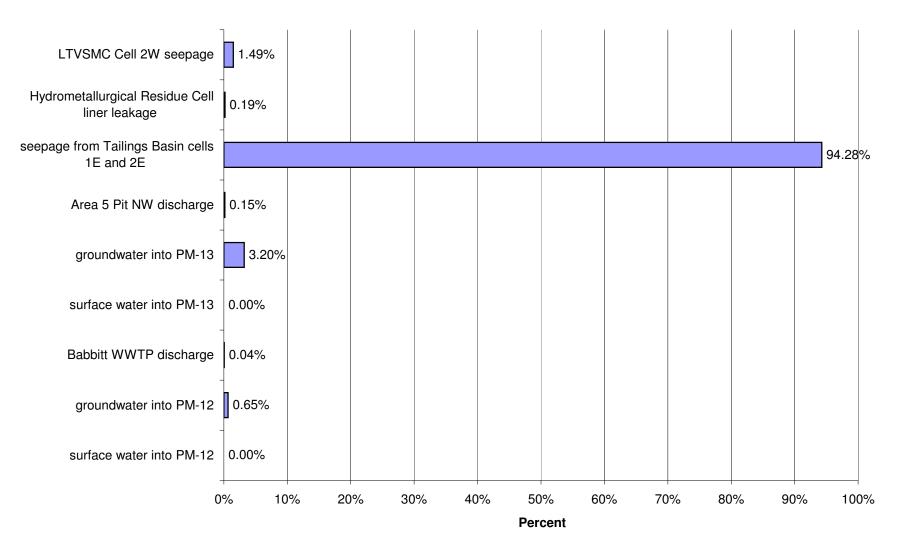
Proposed Action: Percent of Impacts at PM-13 in Year 15 for High Flow for Copper (Cu)



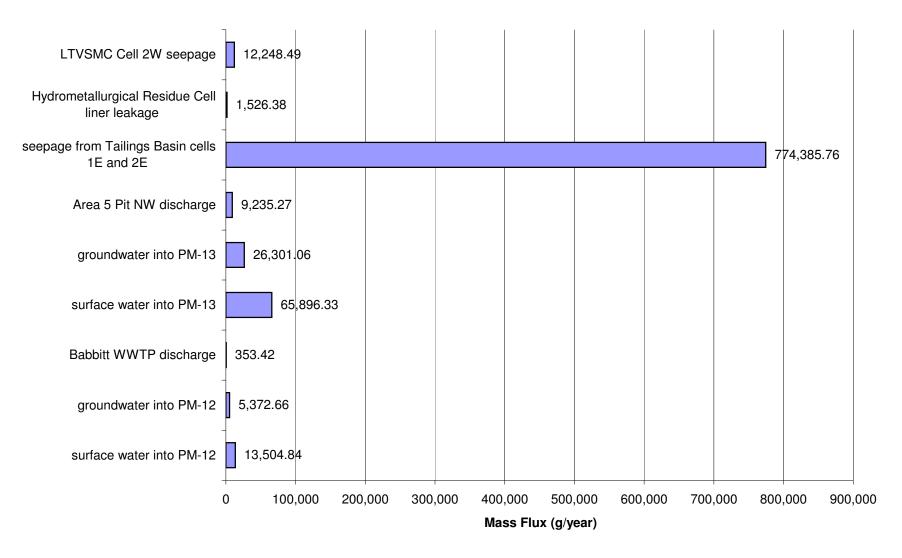
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Nickel (Ni)



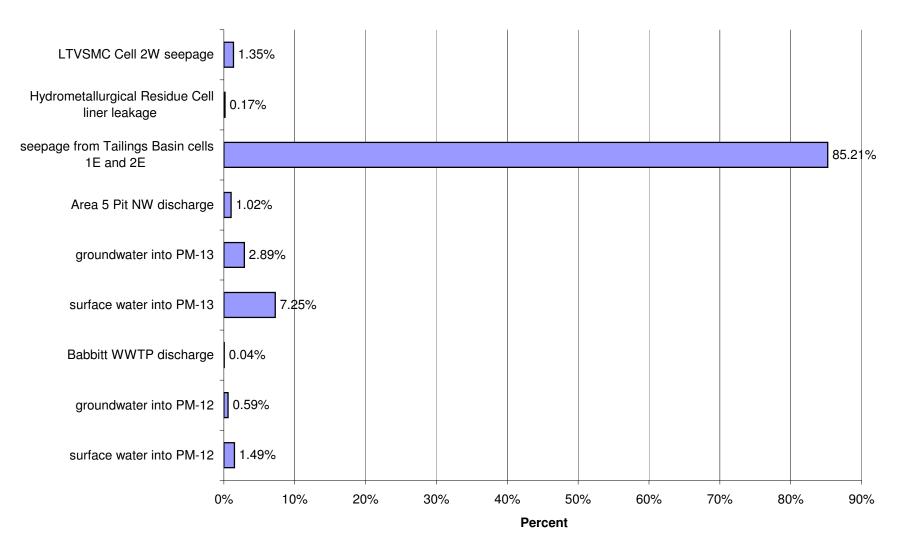
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Low Flow for Nickel (Ni)



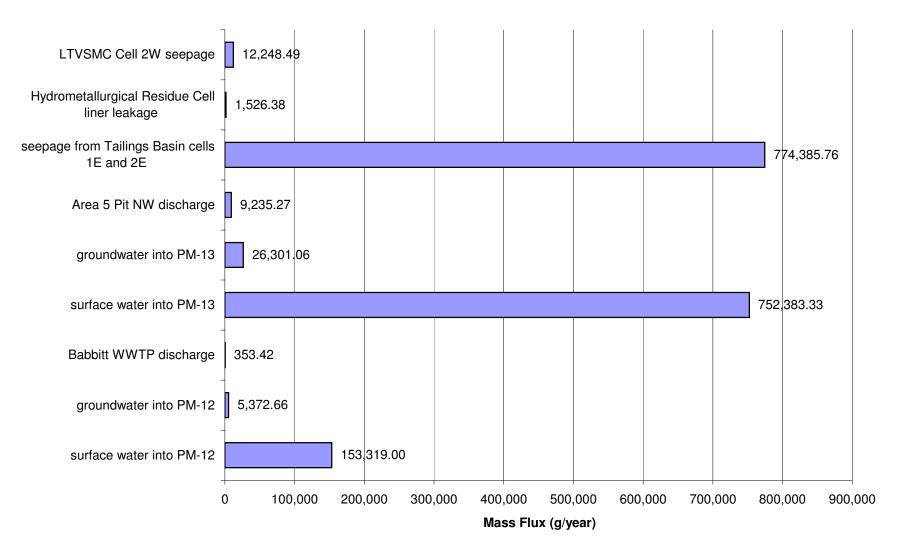
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Nickel (Ni)



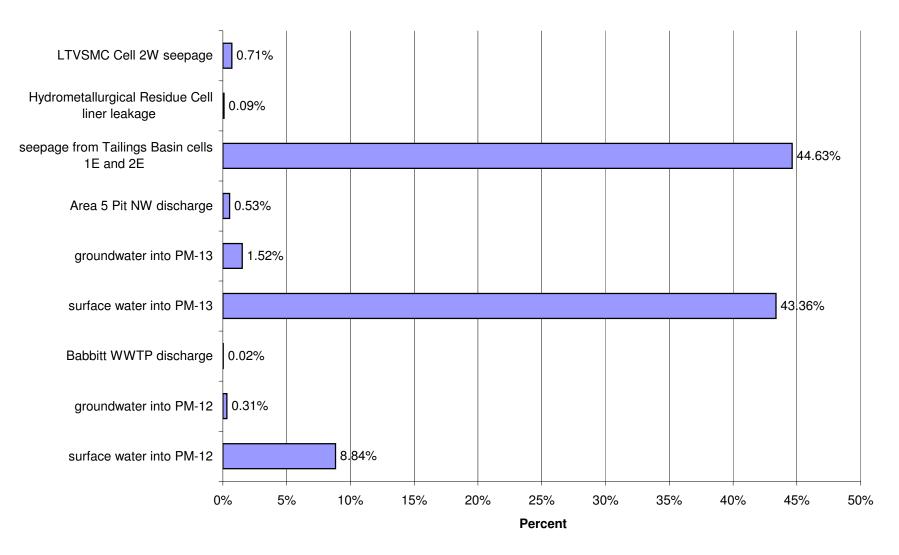
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Average Flow for Nickel (Ni)



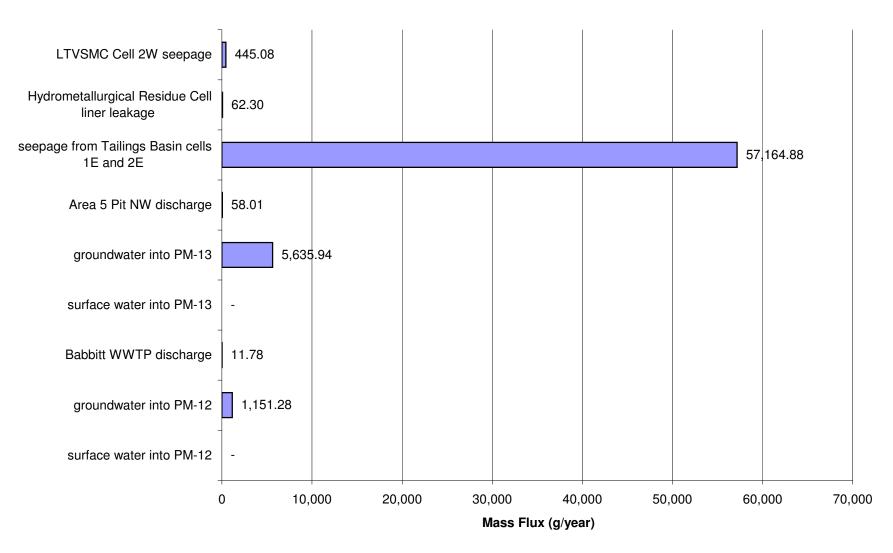
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Nickel (Ni)



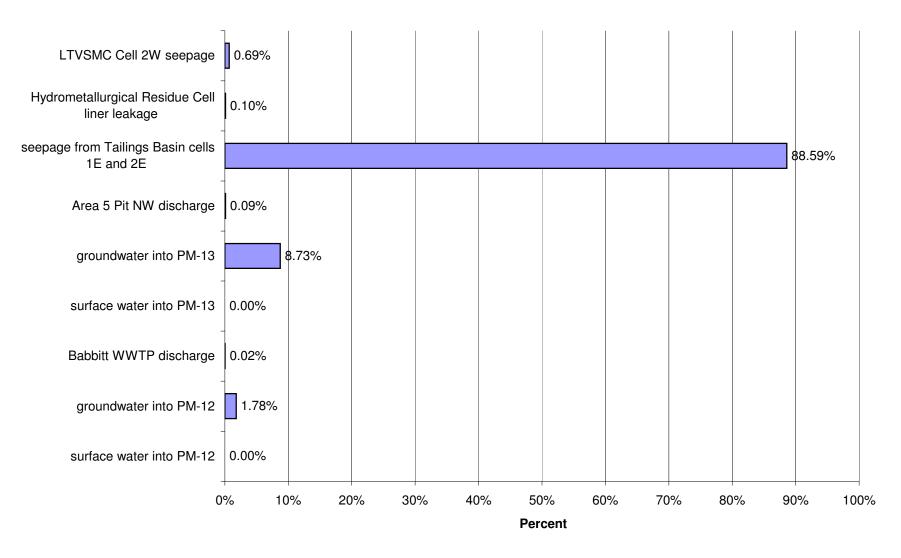
Proposed Action: Percent of Impacts at PM-13 in Year 15 for High Flow for Nickel (Ni)



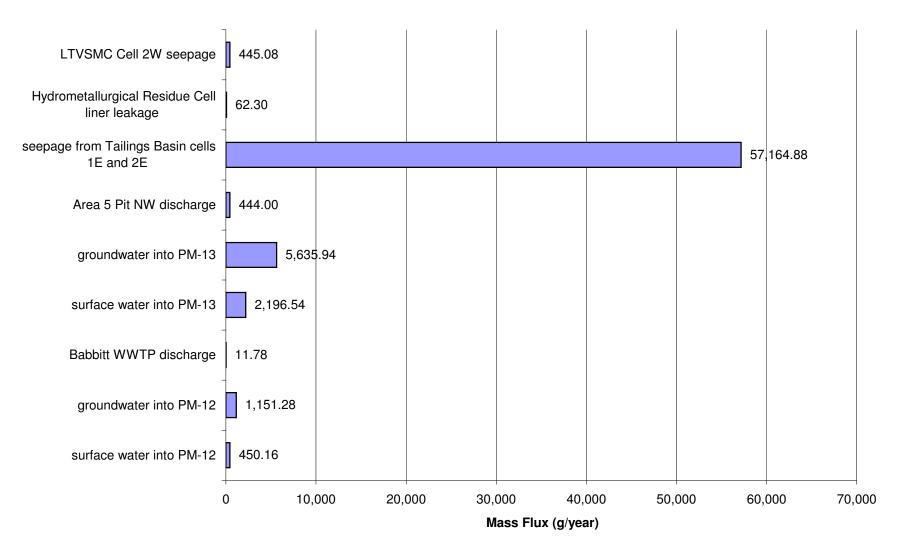
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Antimony (Sb)



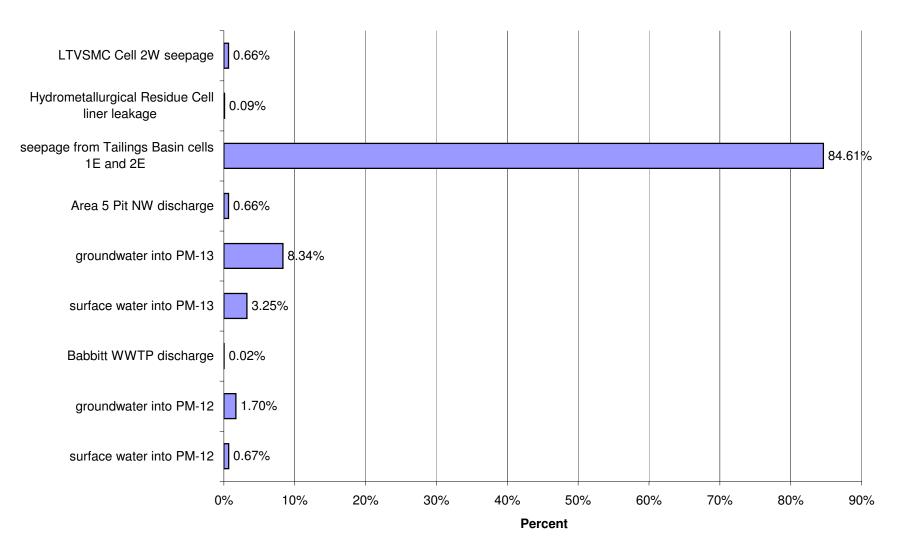
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Low Flow for Antimony (Sb)



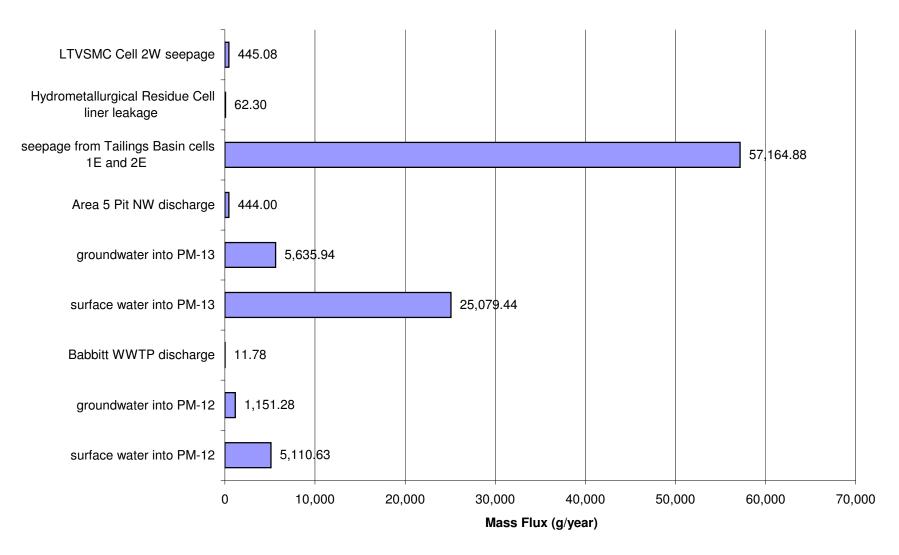
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Antimony (Sb)



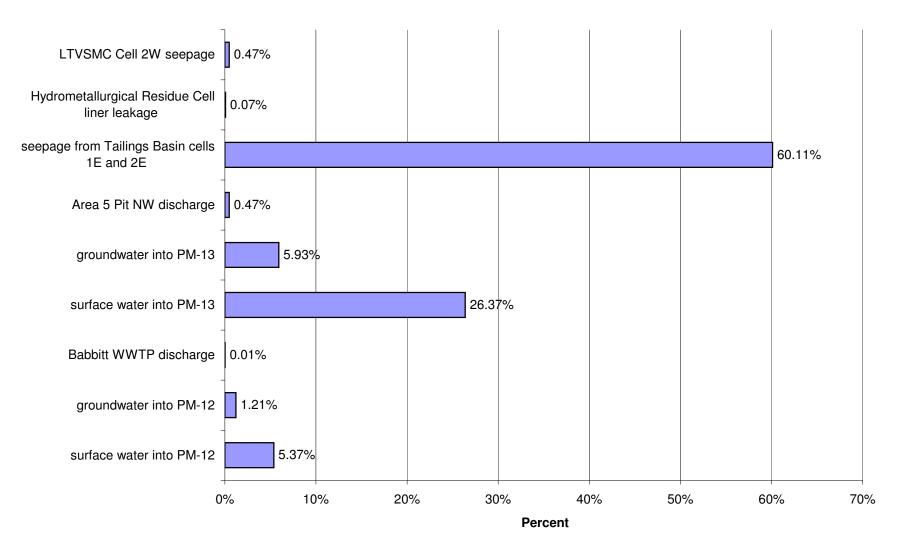
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Average Flow for Antimony (Sb)



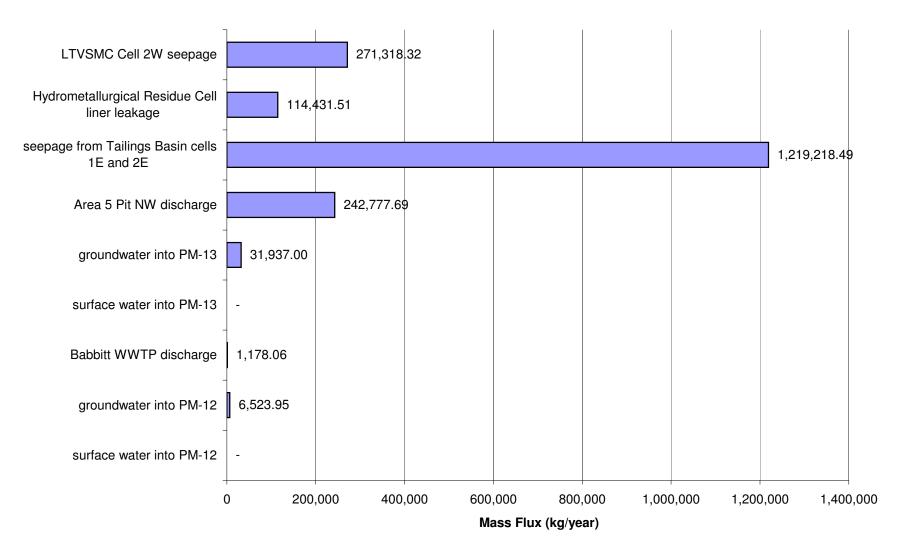
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Antimony (Sb)



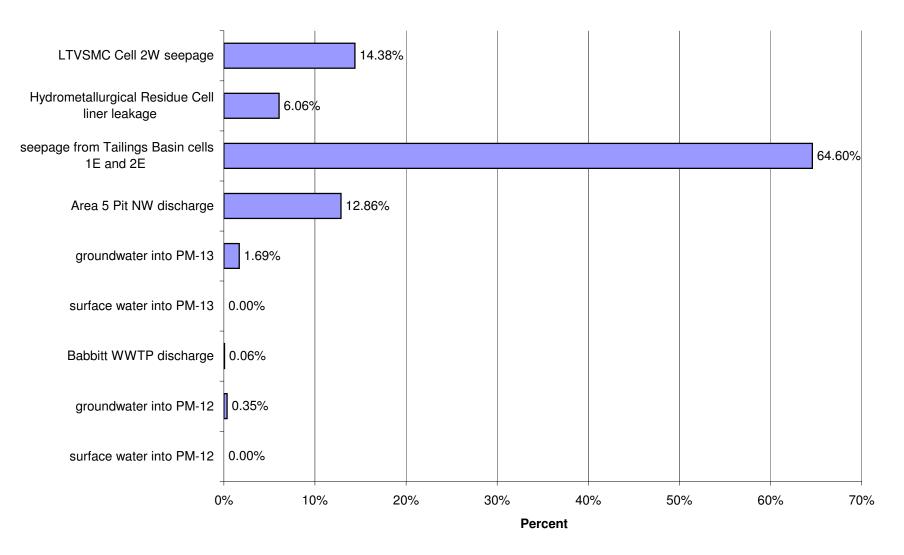
Proposed Action: Percent of Impacts at PM-13 in Year 15 for High Flow for Antimony (Sb)



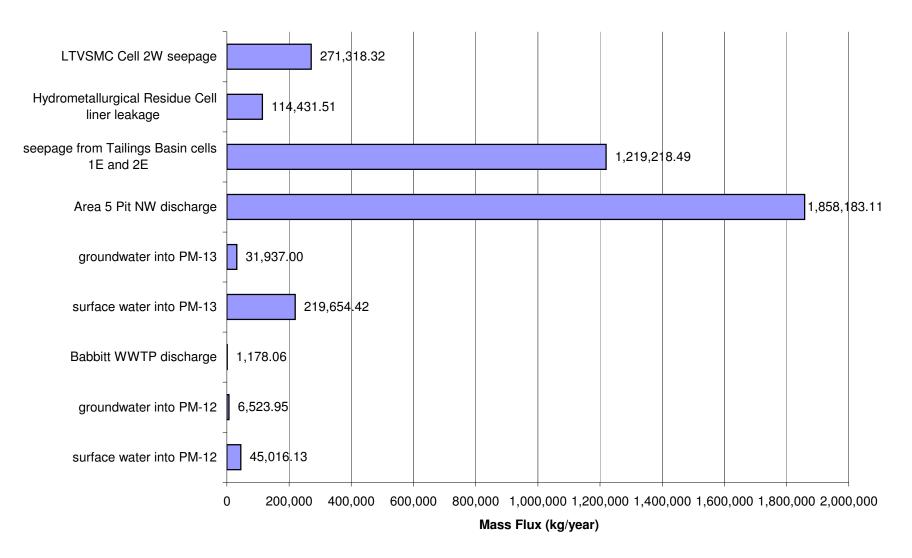
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for Low Flow for Sulfate (SO₄)

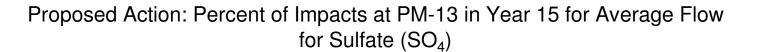


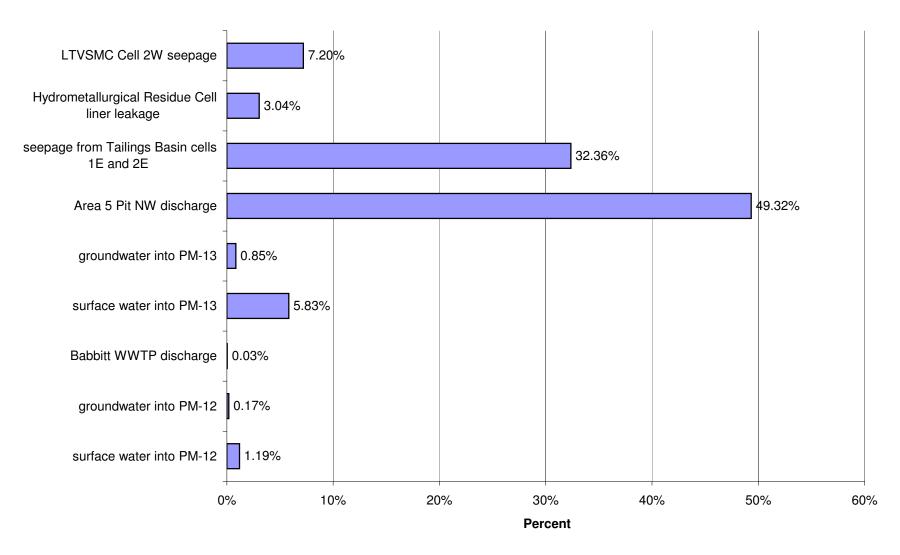
Proposed Action: Percent of Impacts at PM-13 in Year 15 for Low Flow for Sulfate (SO_4)



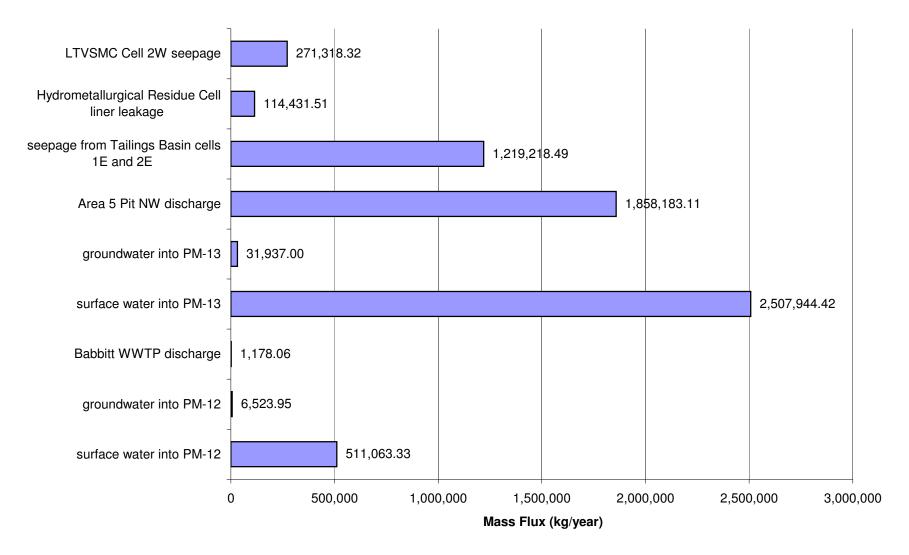
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for Average Flow for Sulfate (SO₄)

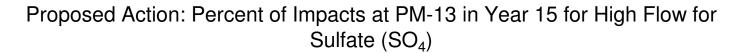


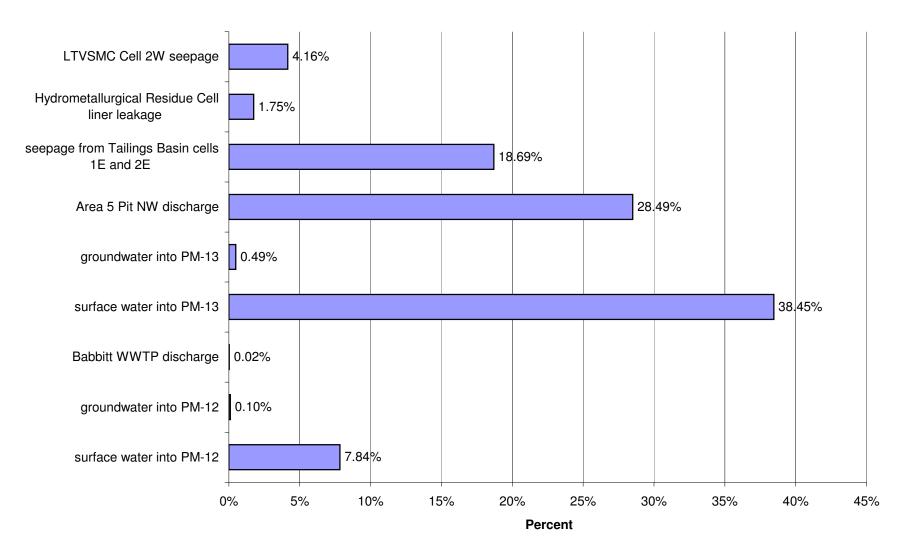




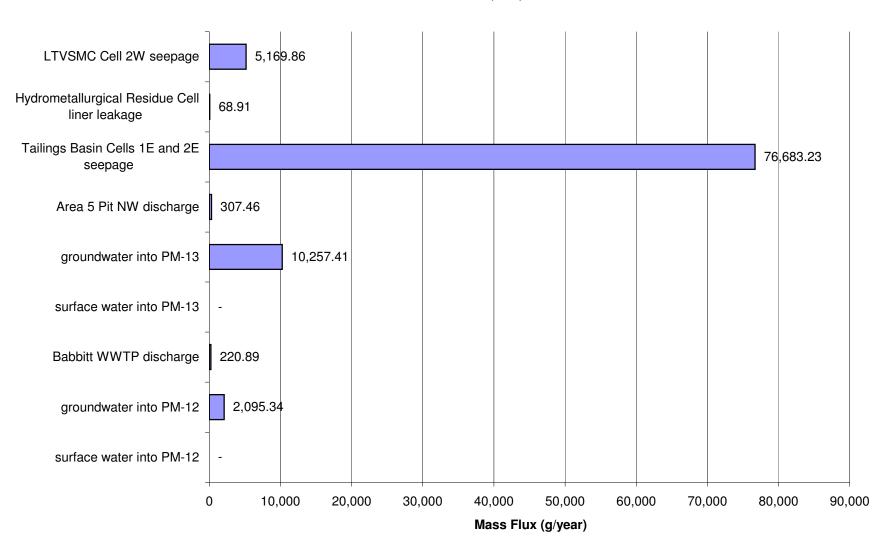
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for High Flow for Sulfate (SO_4)

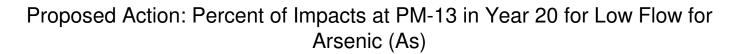


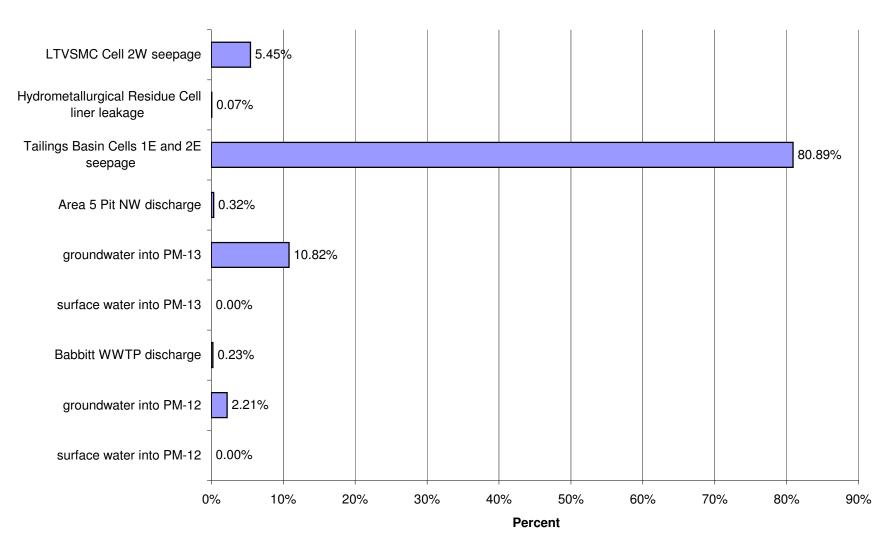




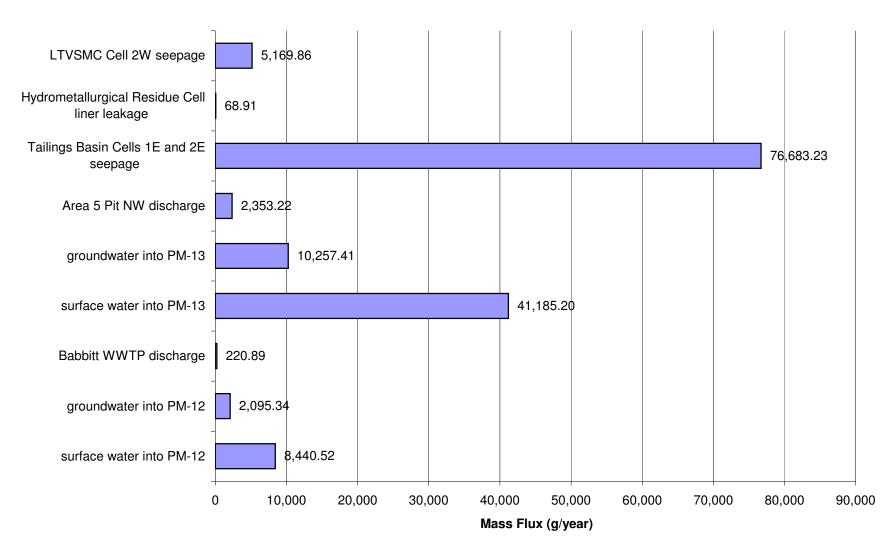
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Arsenic (As)



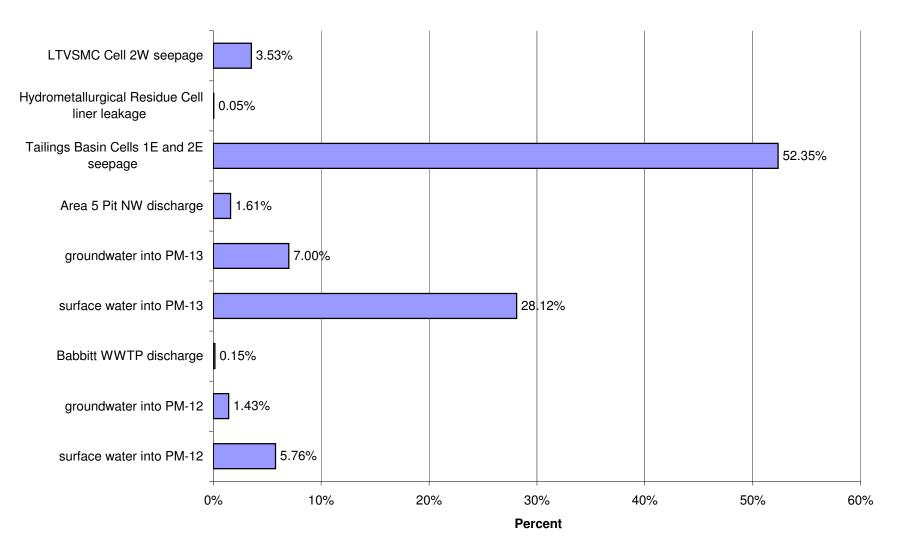




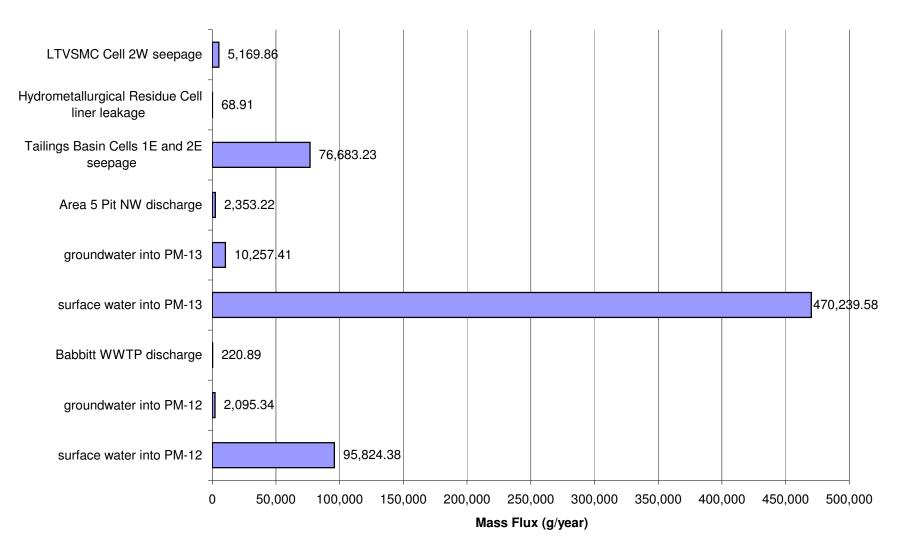
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Arsenic (As)



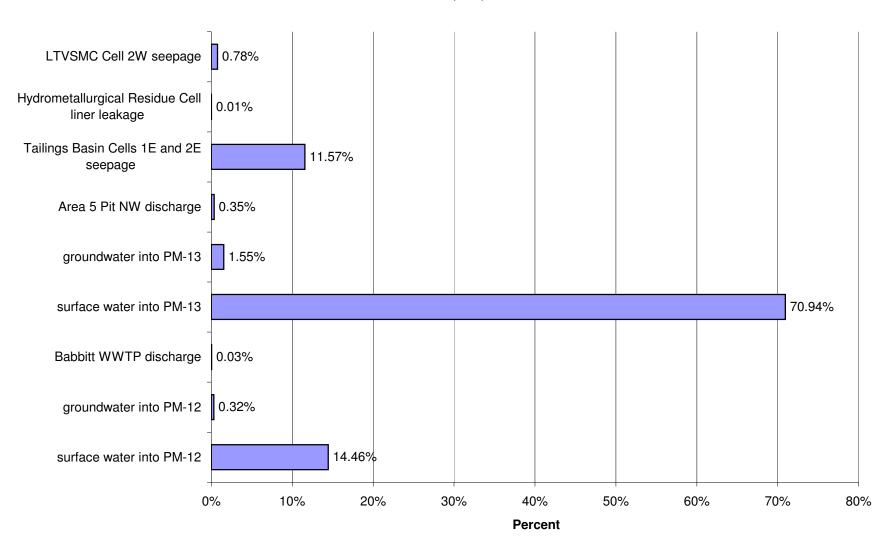
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Average Flow for Arsenic (As)



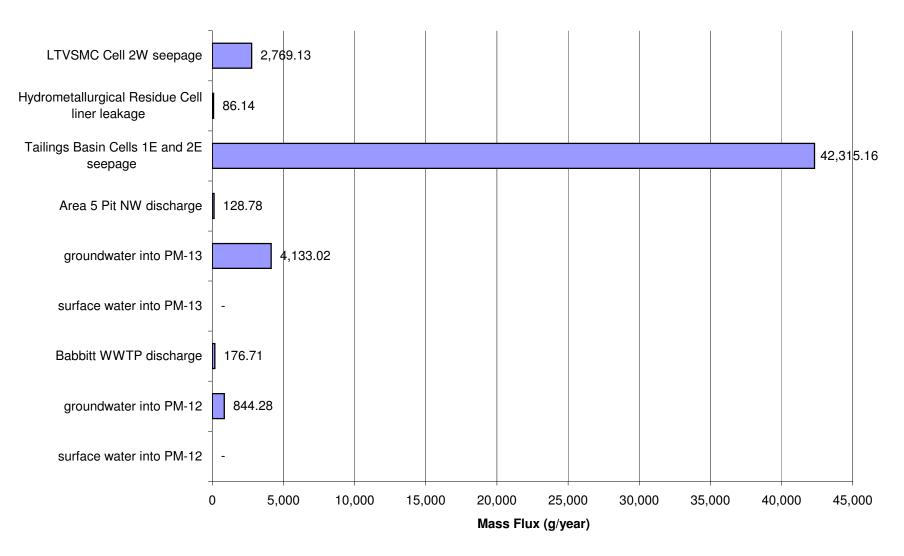
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Arsenic (As)

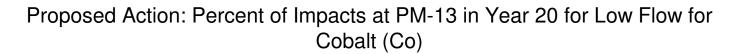


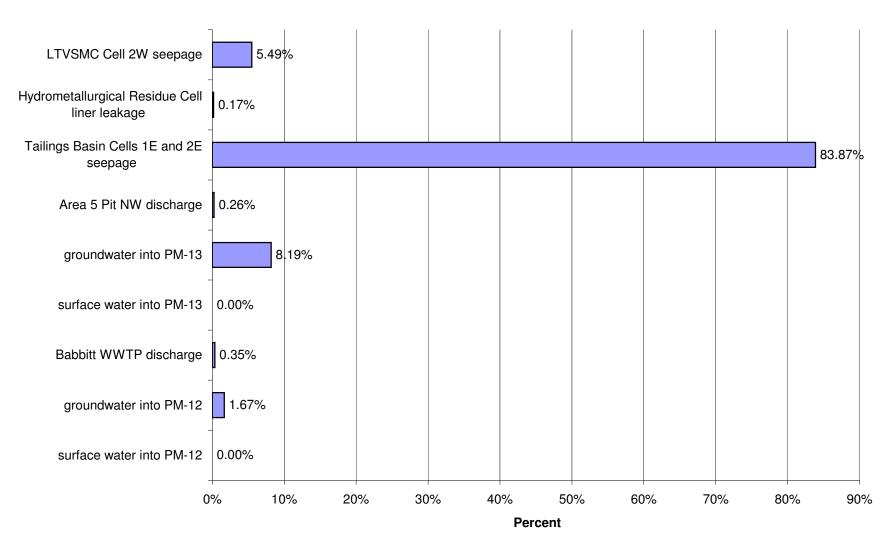
Proposed Action: Percent of Impacts at PM-13 in Year 20 for High Flow for Arsenic (As)



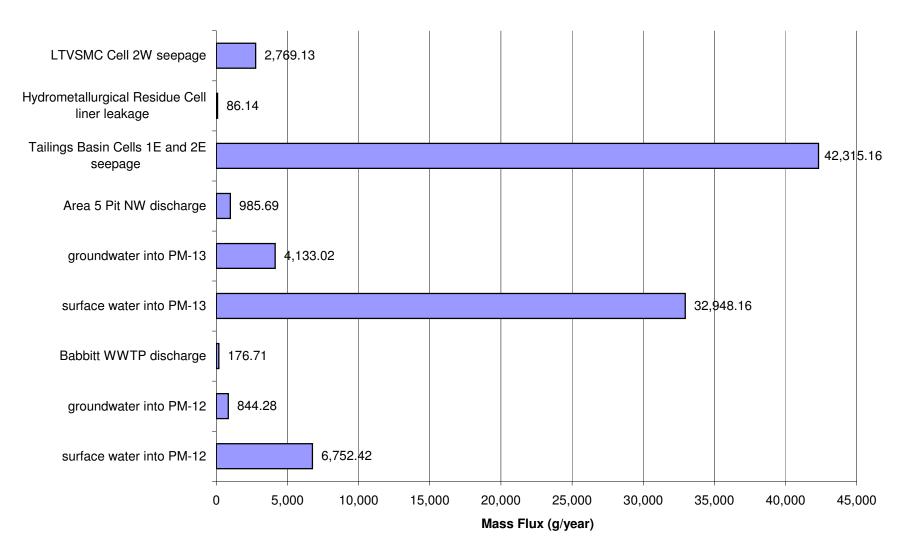
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Cobalt (Co)



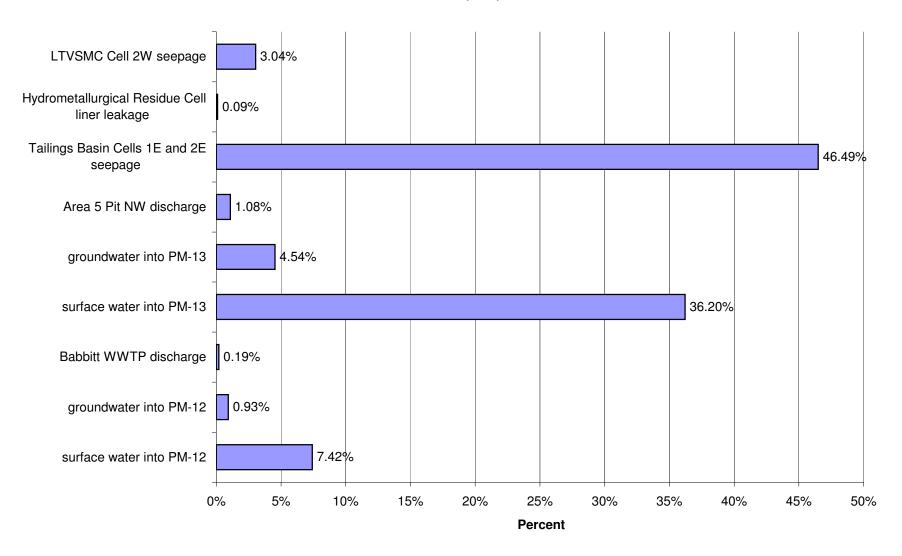




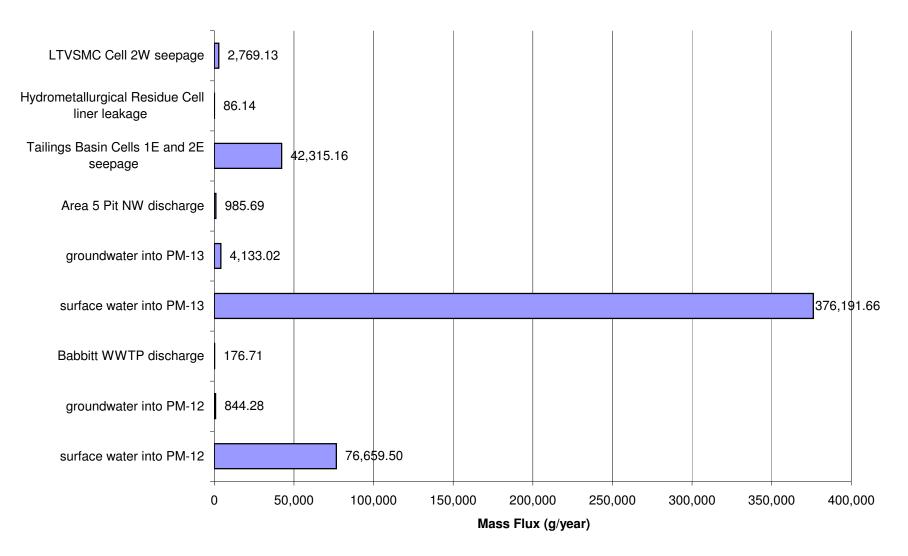
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Cobalt (Co)



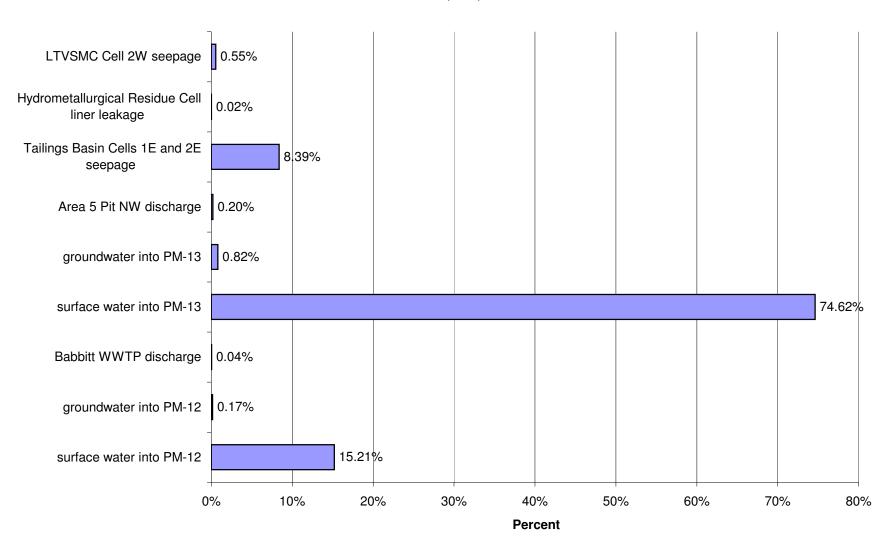
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Average Flow for Cobalt (Co)



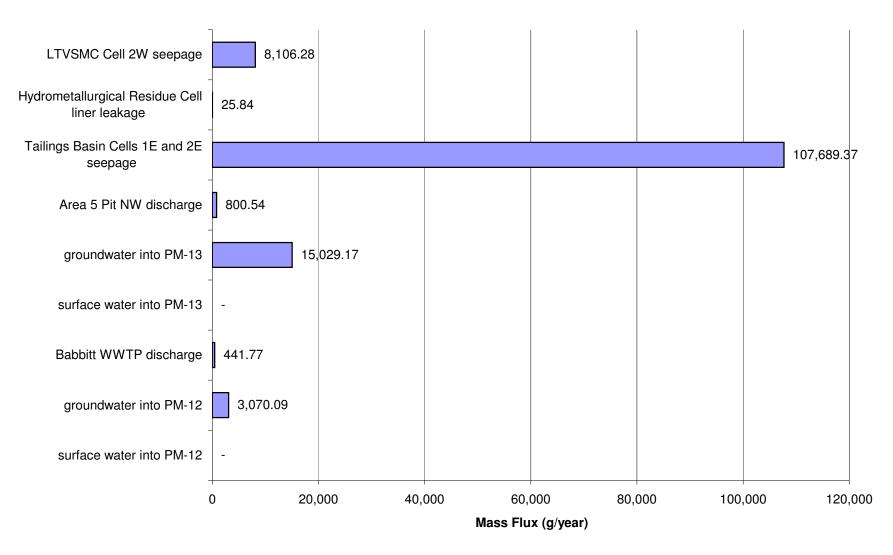
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Cobalt (Co)

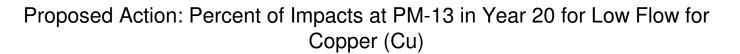


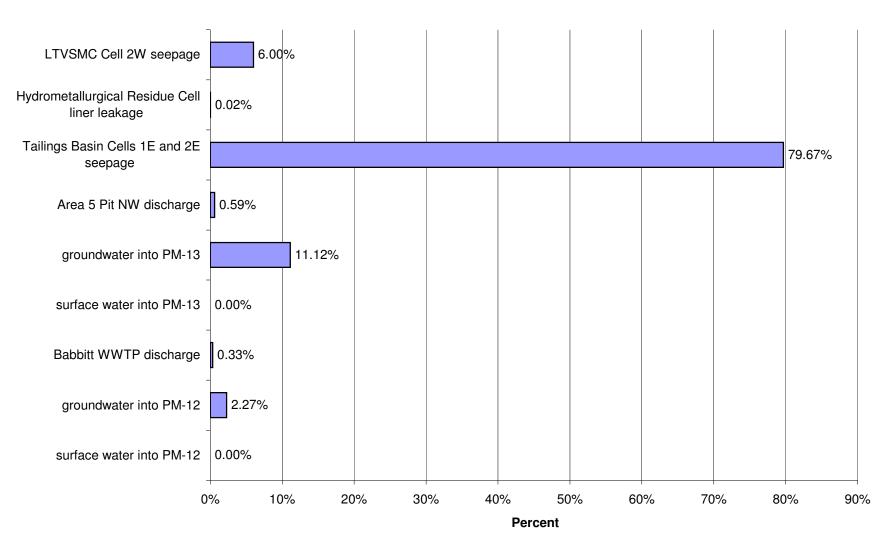
Proposed Action: Percent of Impacts at PM-13 in Year 20 for High Flow for Cobalt (Co)



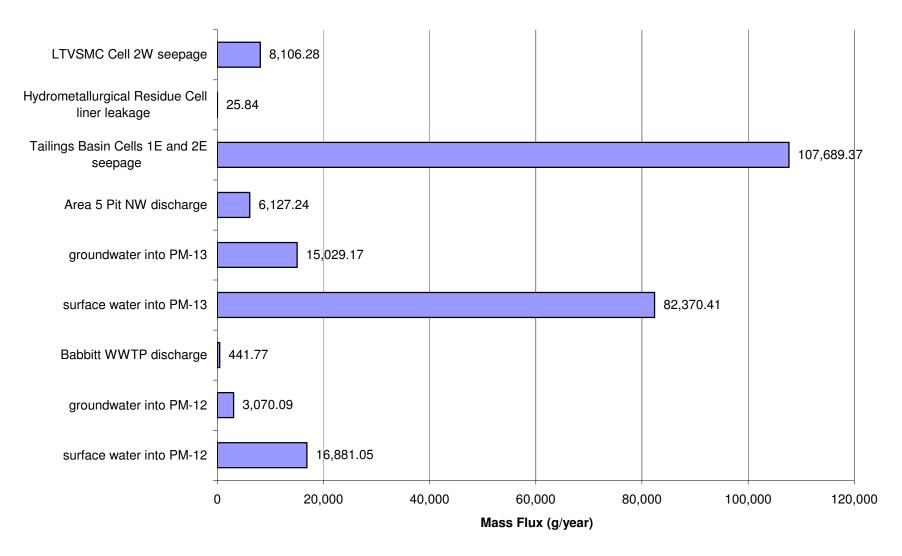
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Copper (Cu)



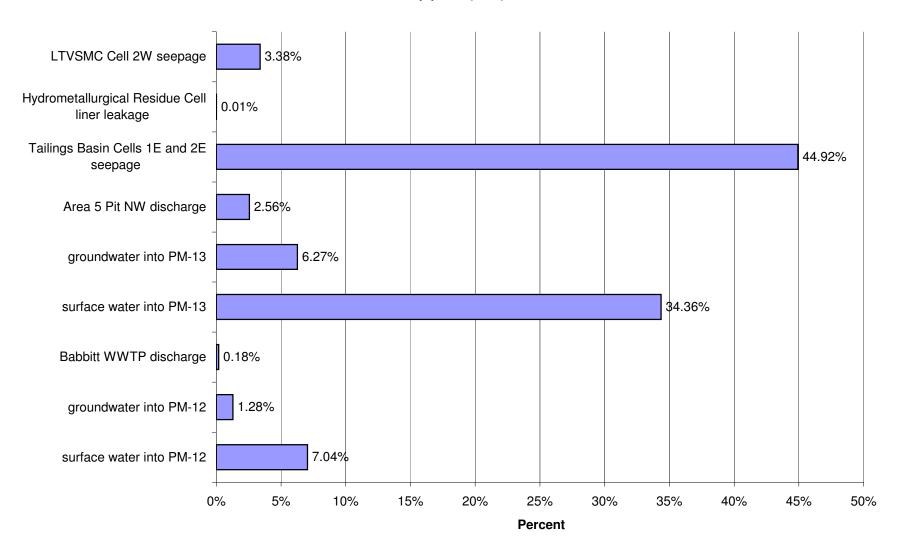




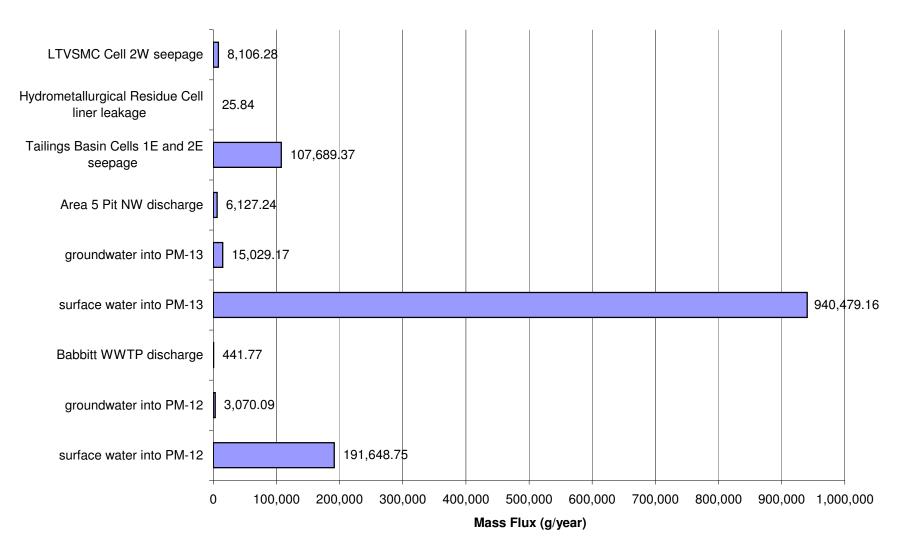
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Copper (Cu)



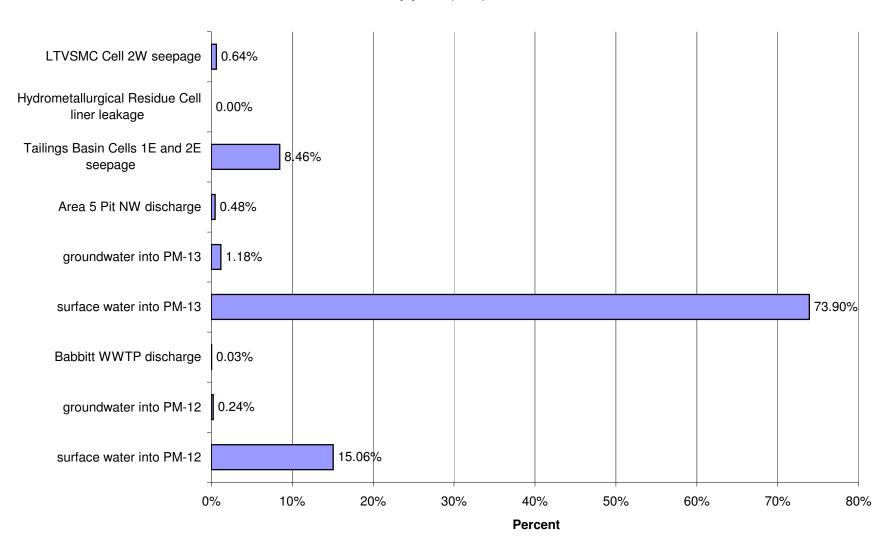
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Average Flow for Copper (Cu)



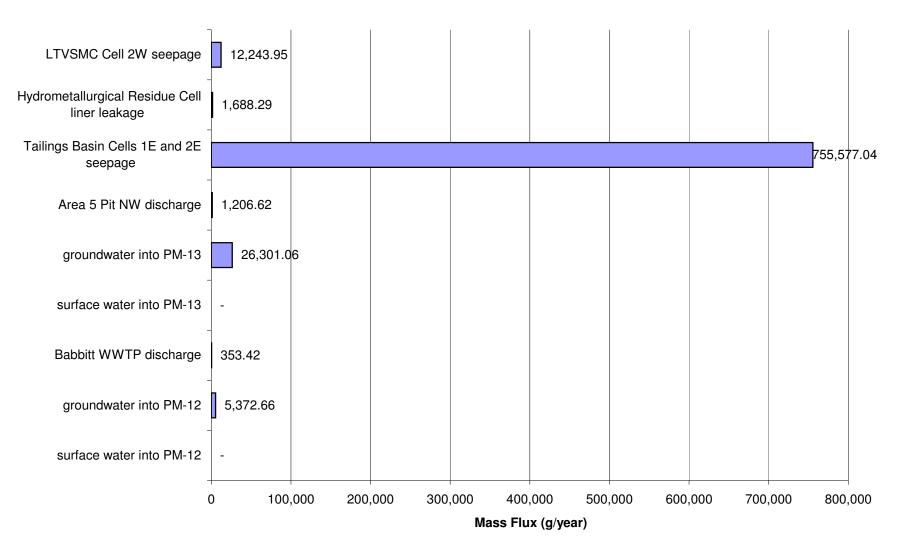
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Copper (Cu)

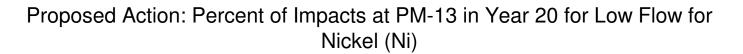


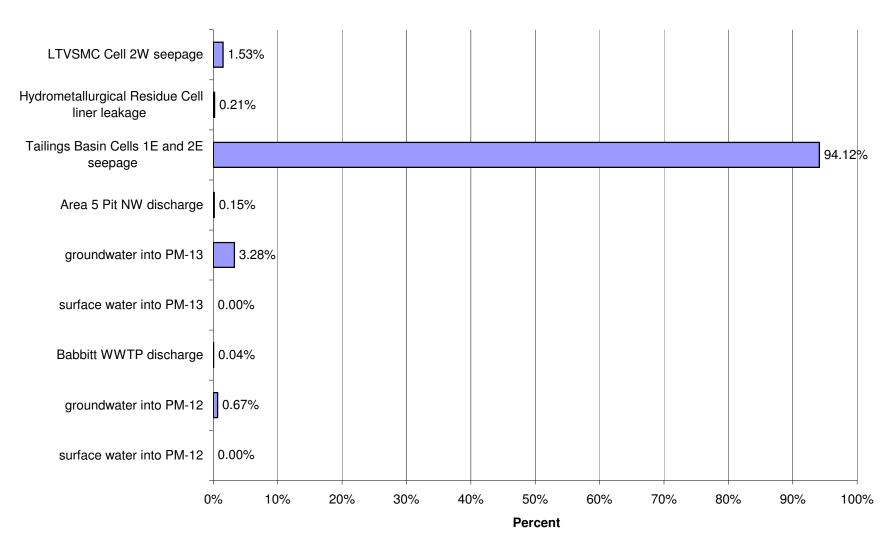
Proposed Action: Percent of Impacts at PM-13 in Year 20 for High Flow for Copper (Cu)



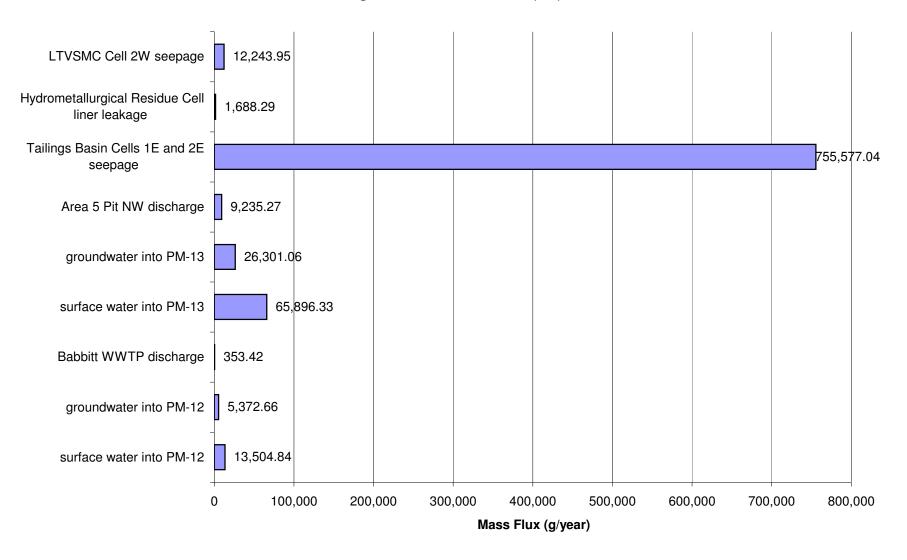
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Nickel (Ni)



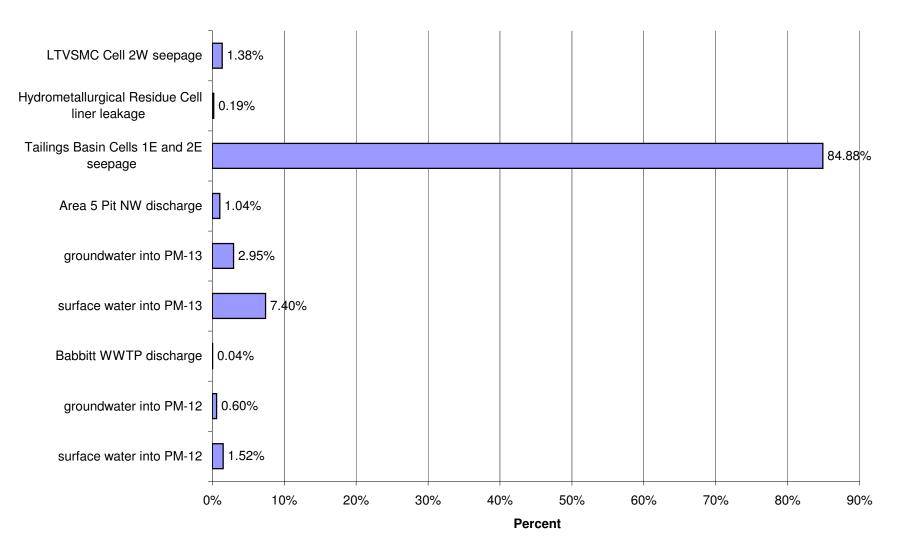




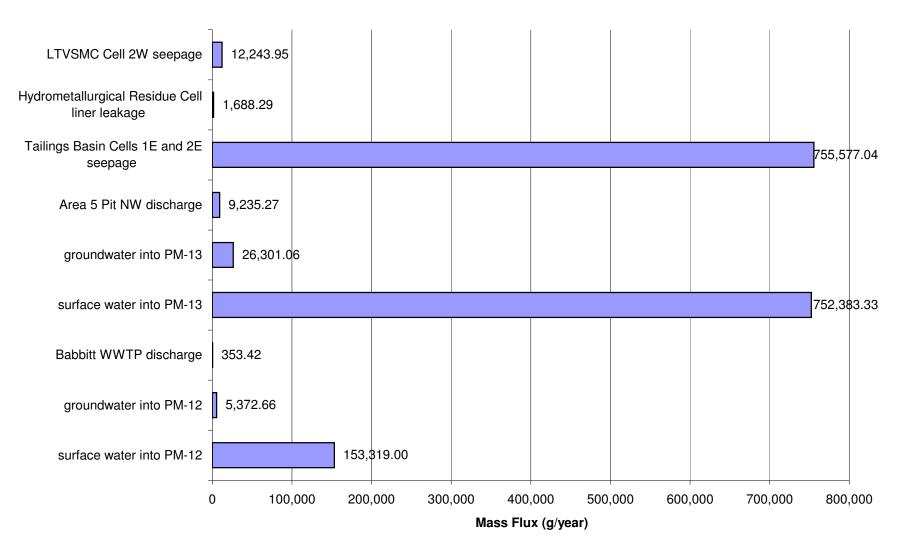
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Nickel (Ni)

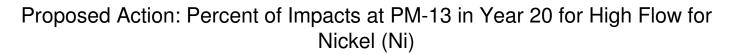


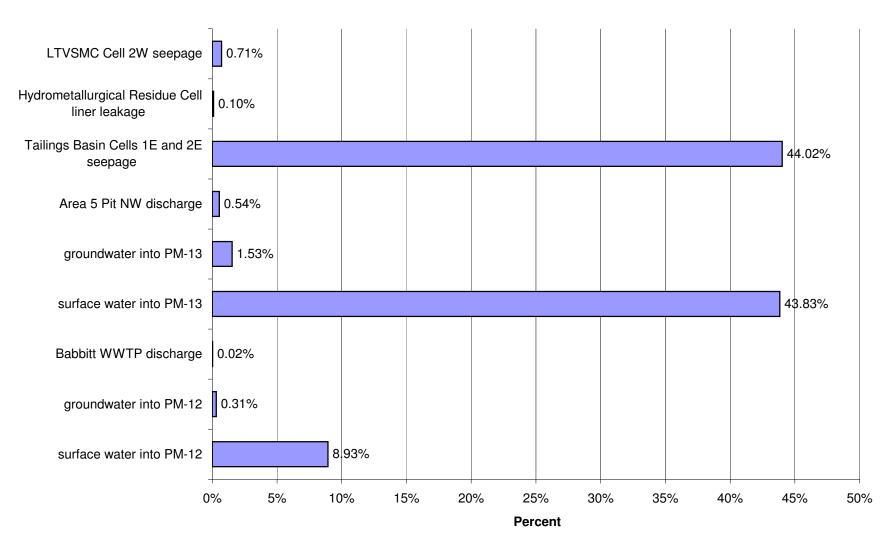
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Average Flow for Nickel (Ni)



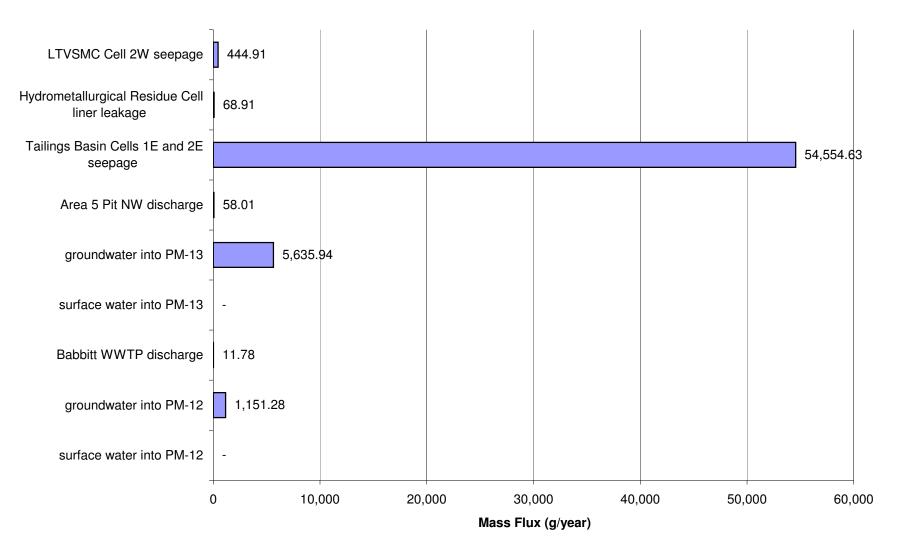
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Nickel (Ni)



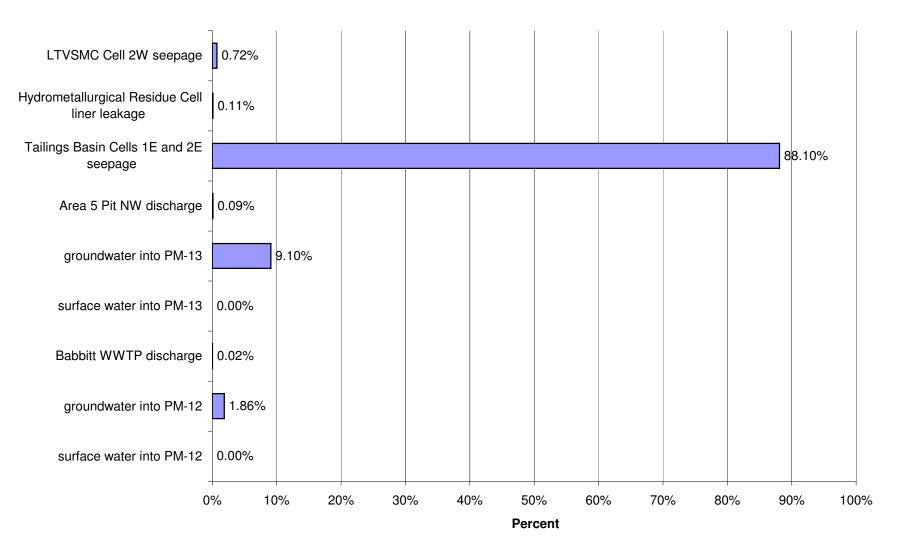




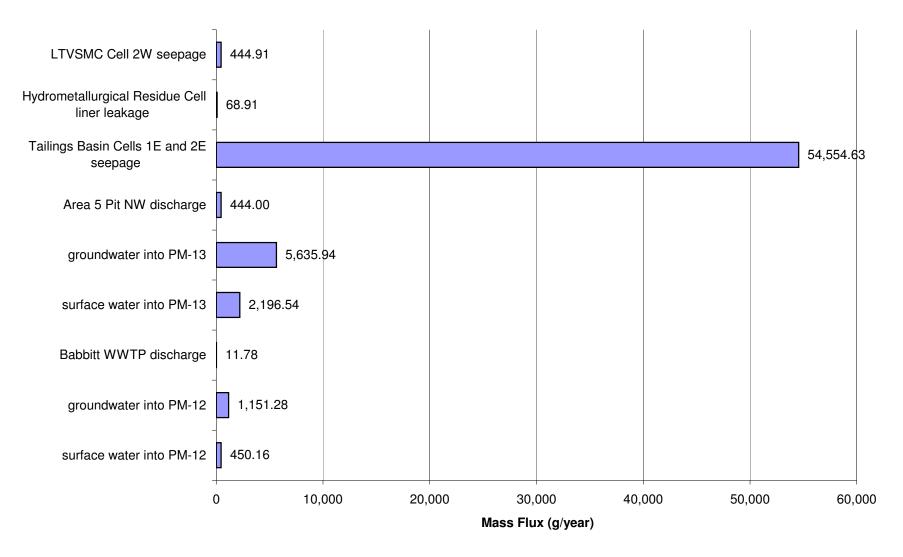
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Antimony (Sb)



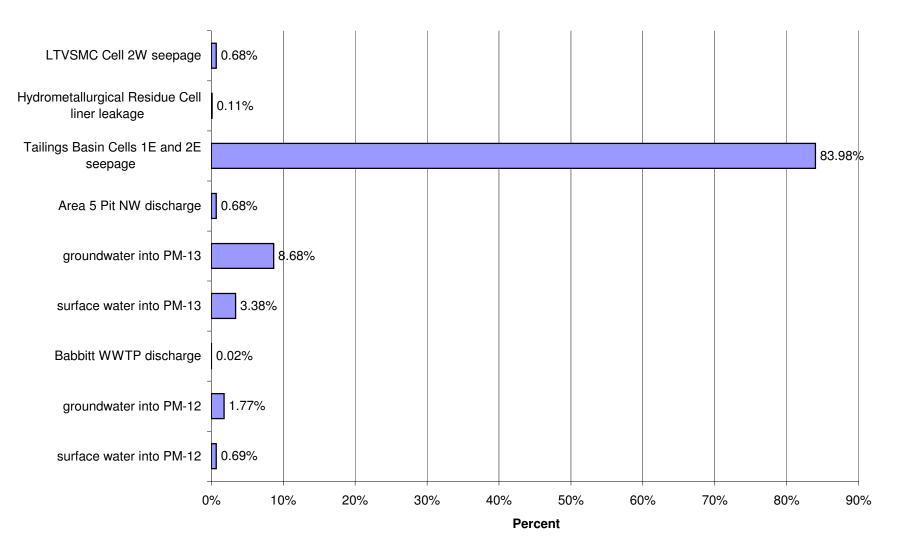
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Low Flow for Antimony (Sb)



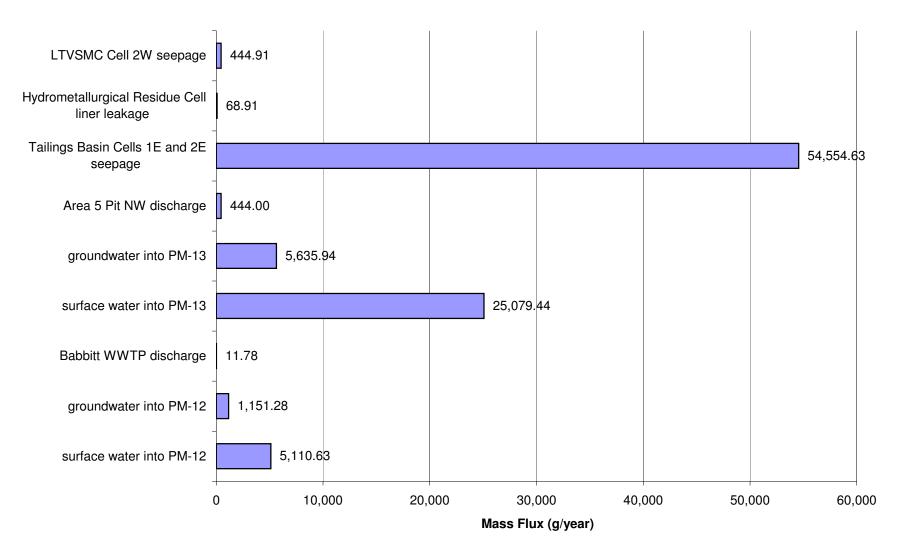
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Antimony (Sb)

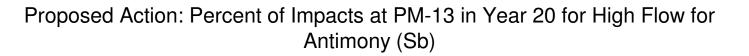


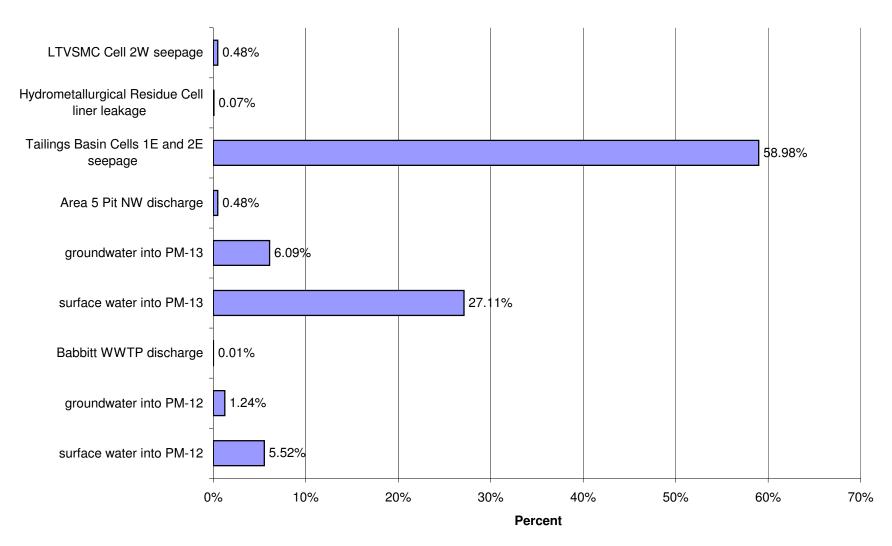
Proposed Action: Percent of Impacts at PM-13 in Year 20 for Average Flow for Antimony (Sb)



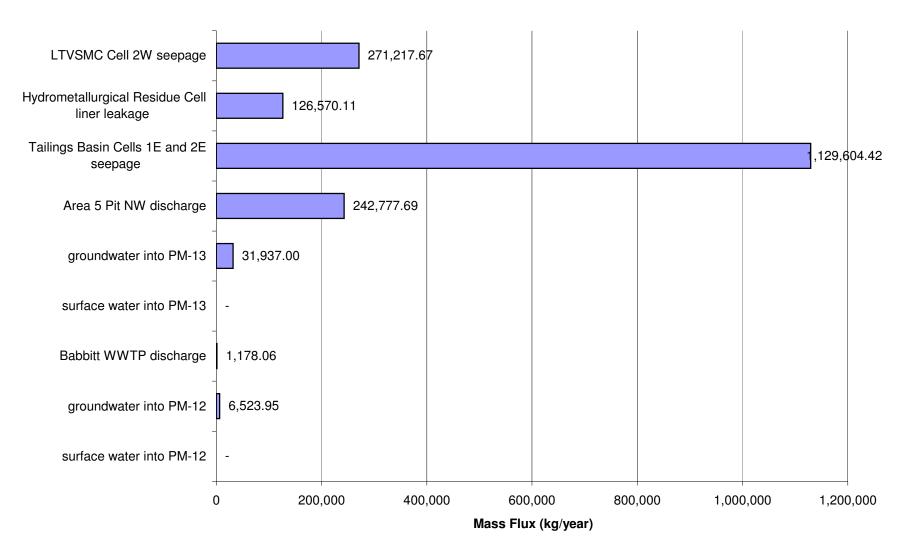
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Antimony (Sb)

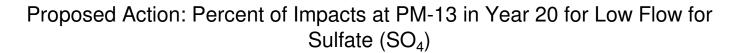


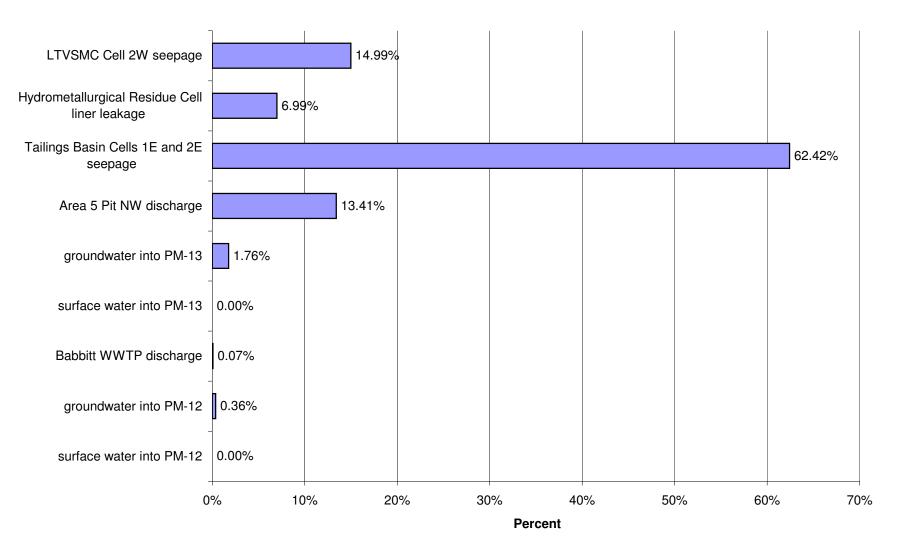




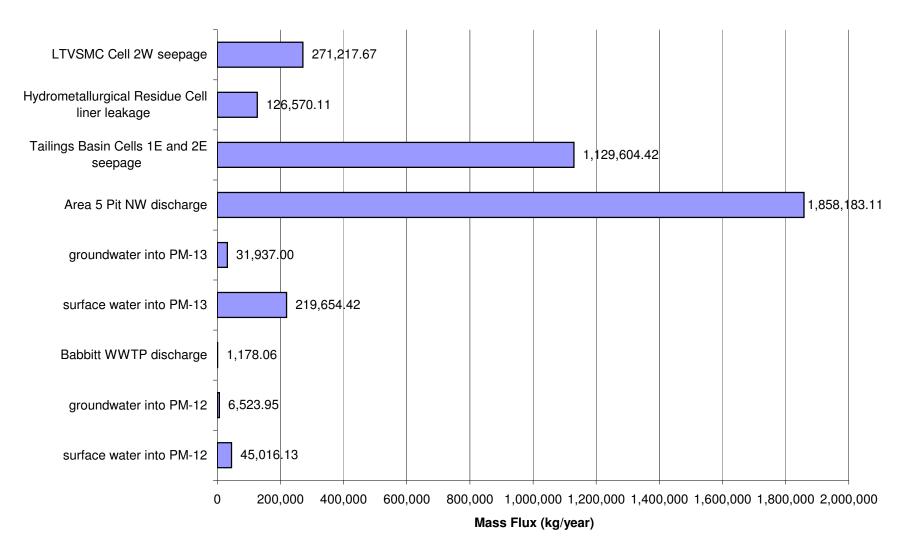
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for Low Flow for Sulfate (SO₄)

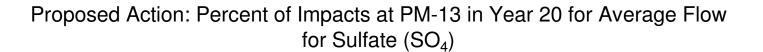


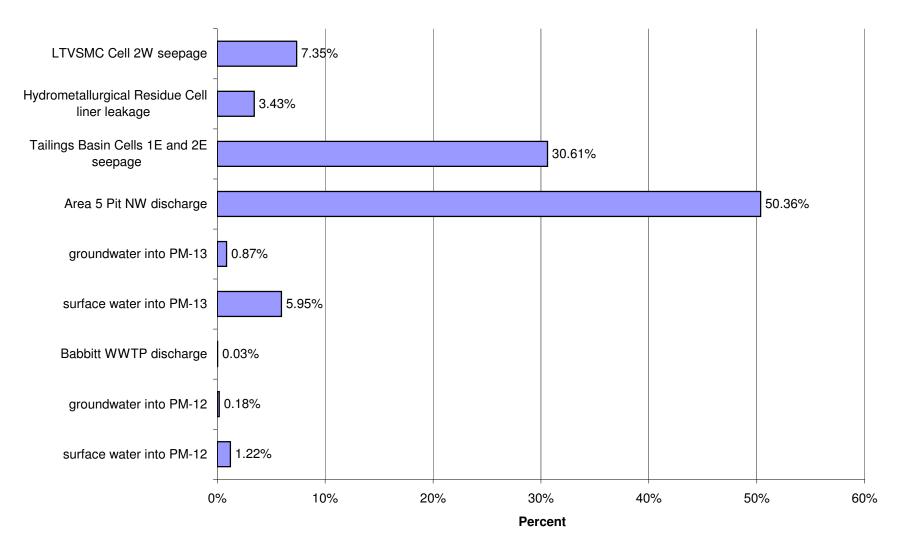




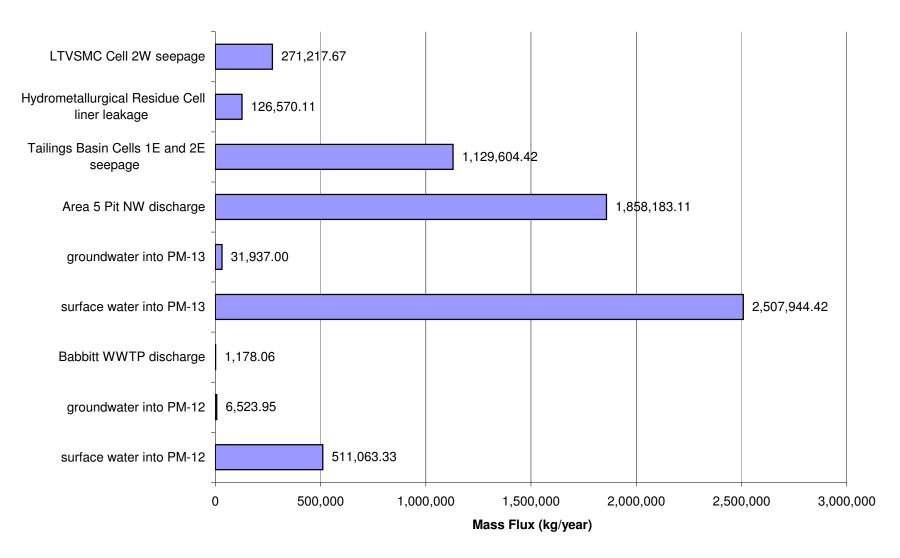
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for Average Flow for Sulfate (SO₄)

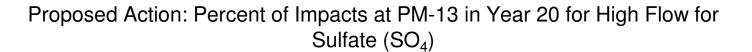


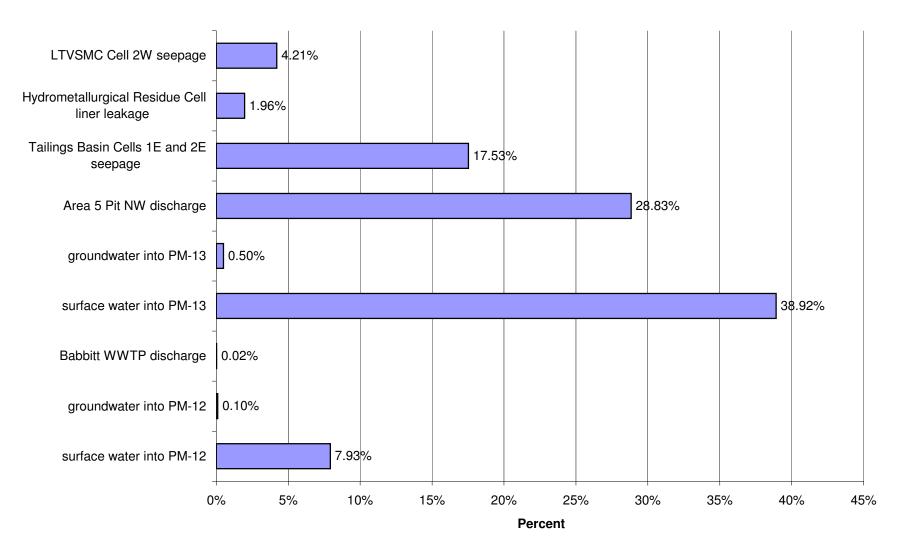




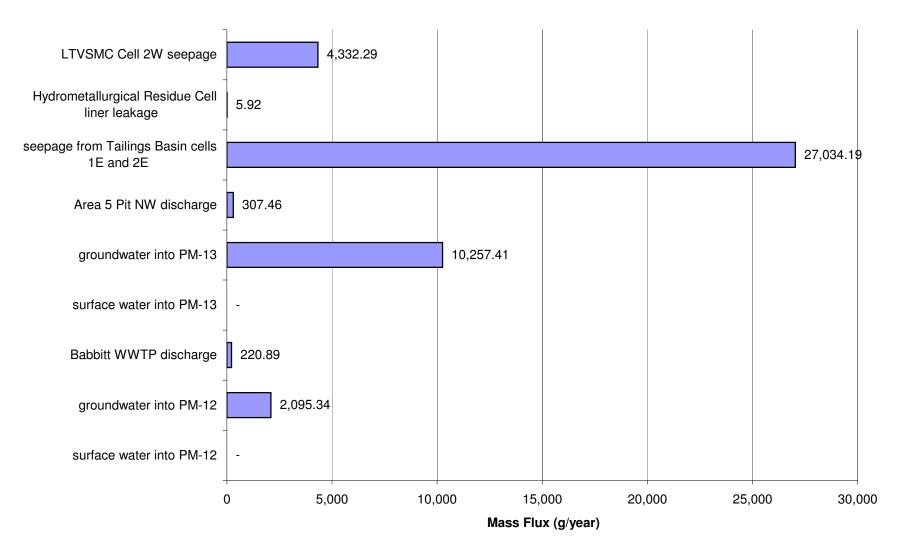
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for High Flow for Sulfate (SO_4)



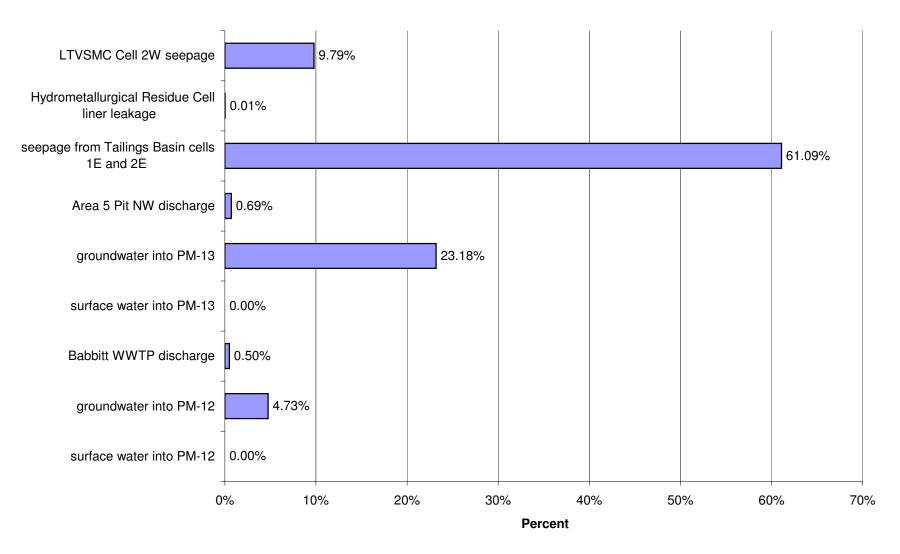




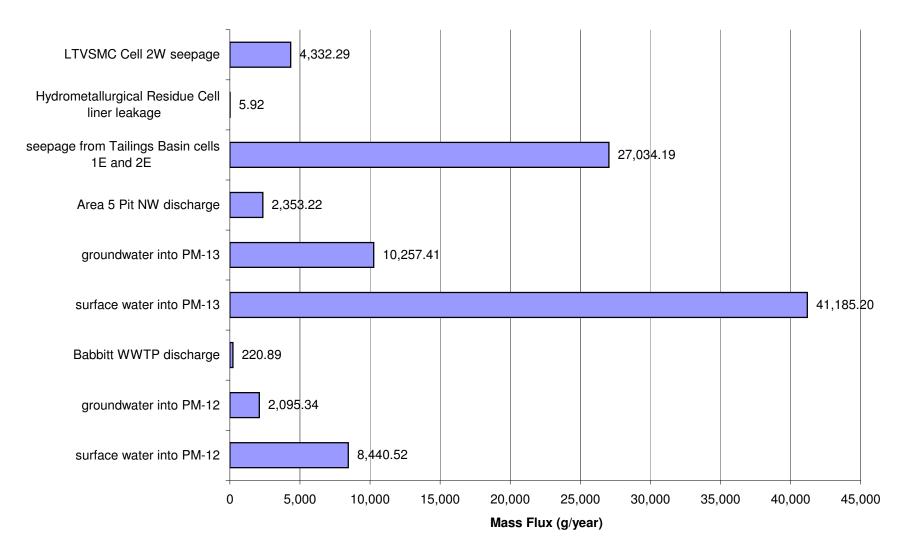
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Arsenic (As)

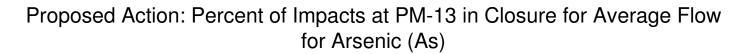


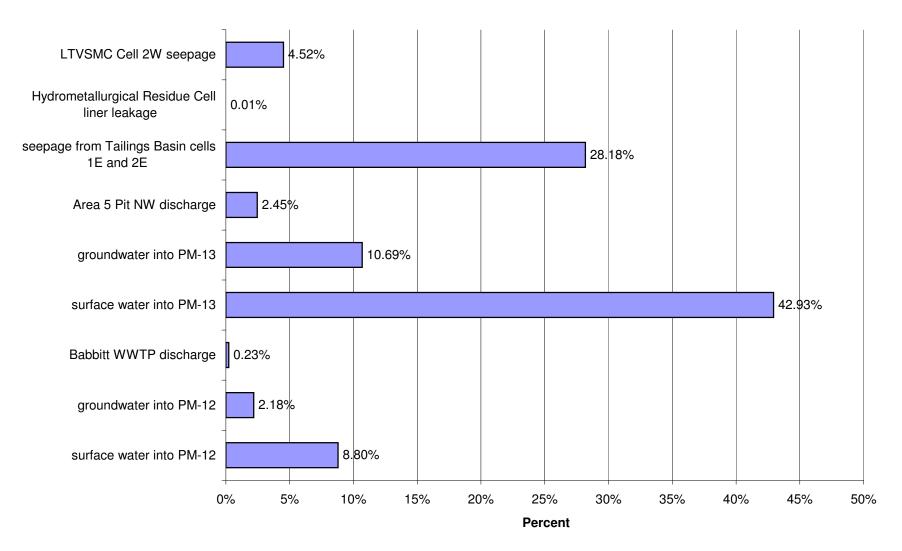
Proposed Action: Percent of Impacts at PM-13 in Closure for Low Flow for Arsenic (As)



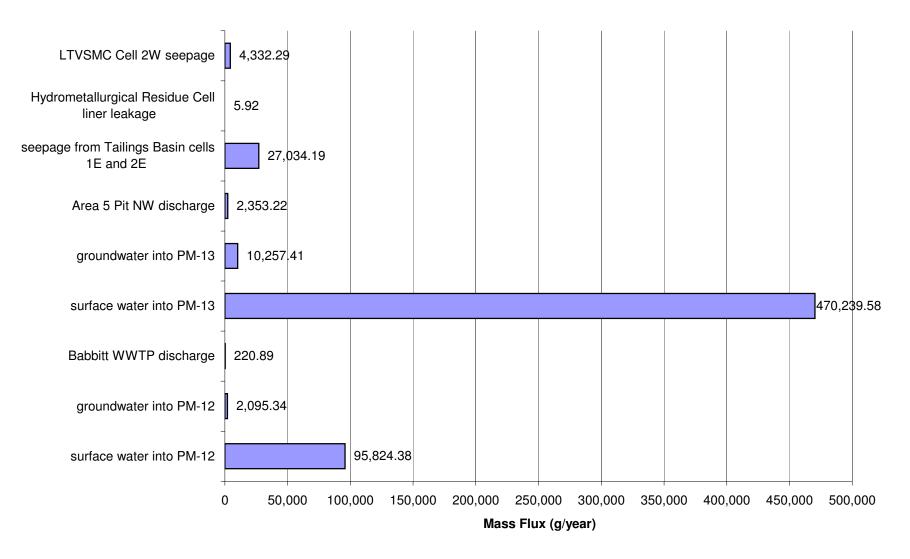
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Arsenic (As)



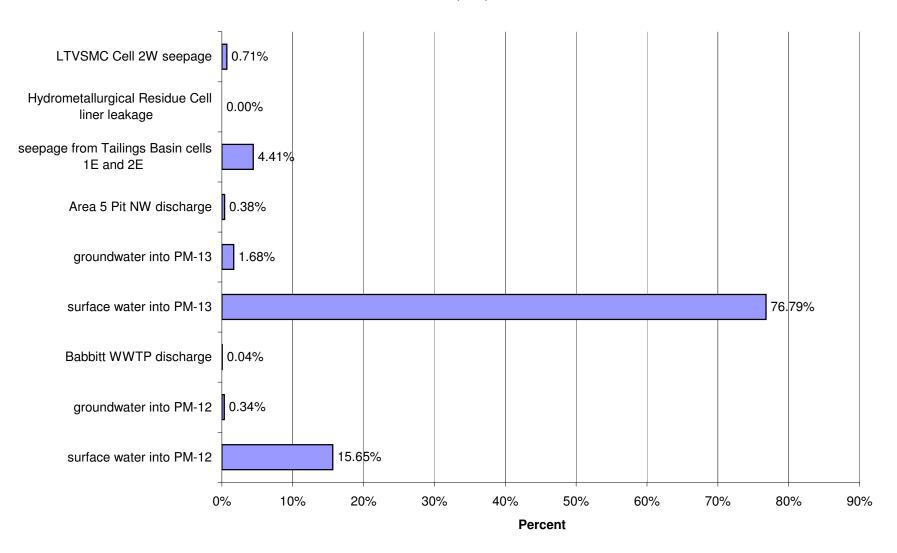




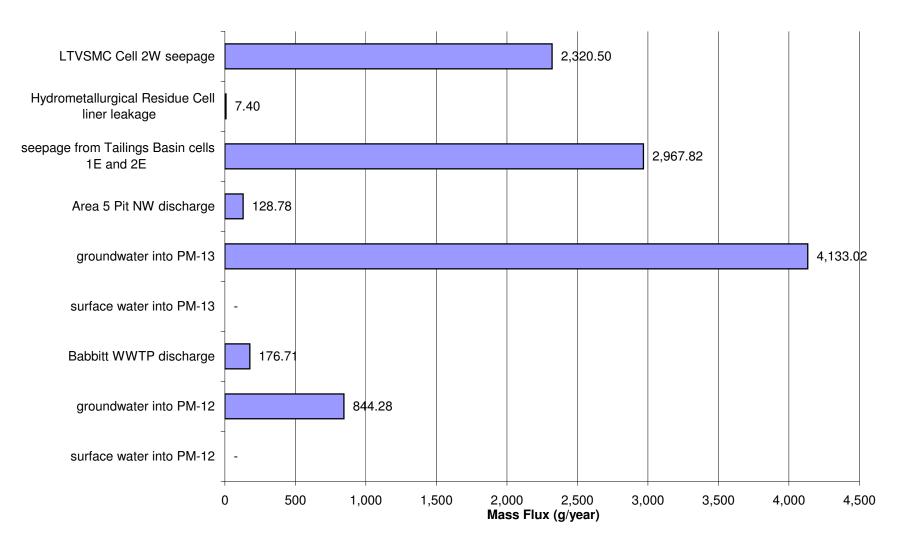
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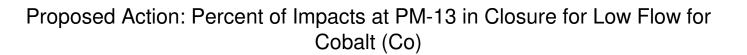


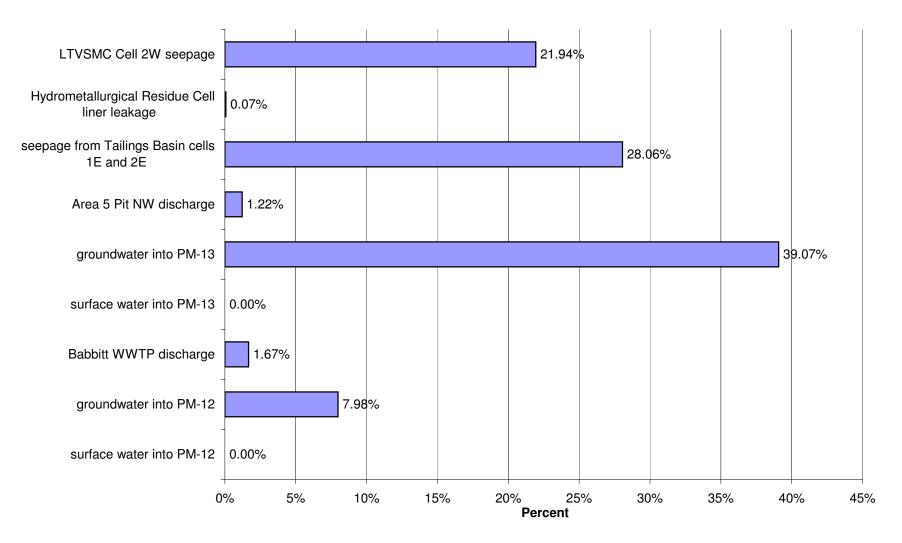
Proposed Action: Percent of Impacts at PM-13 in Closure for High Flow for Arsenic (As)



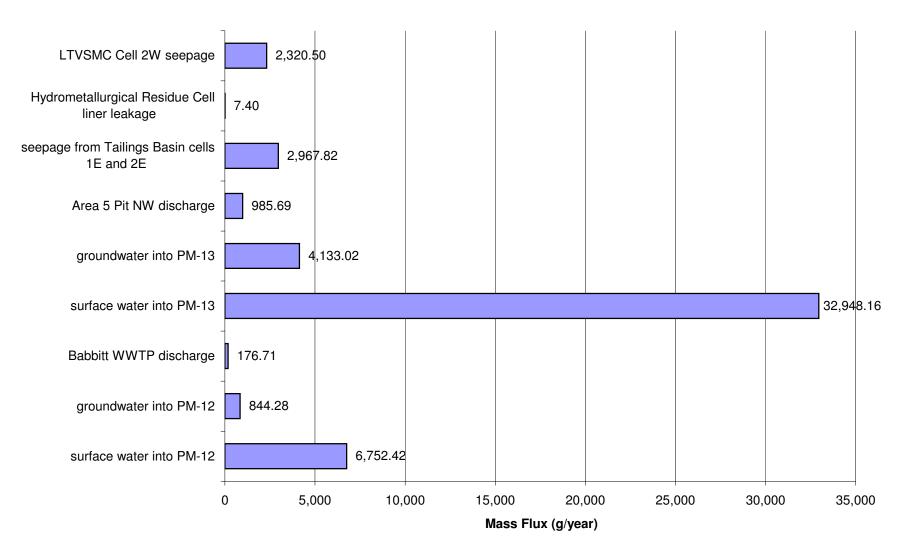
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Cobalt (Co)



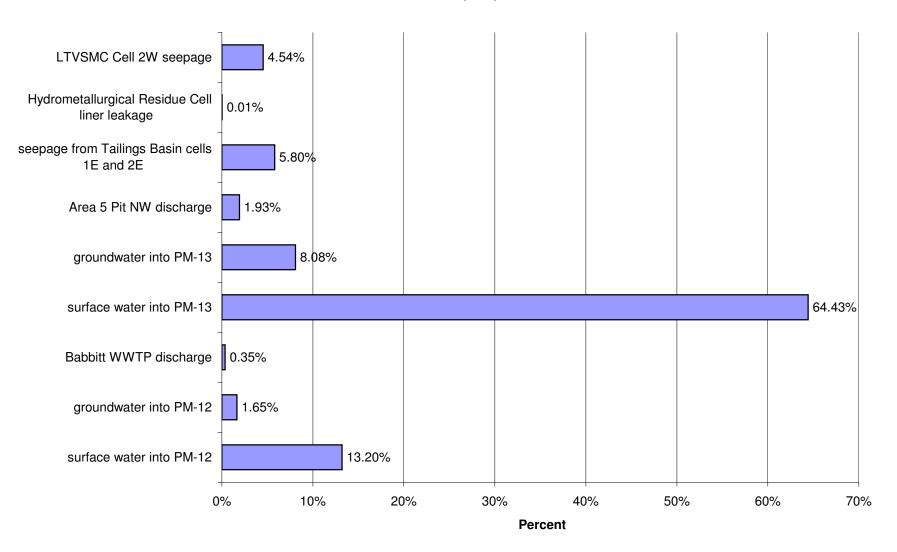




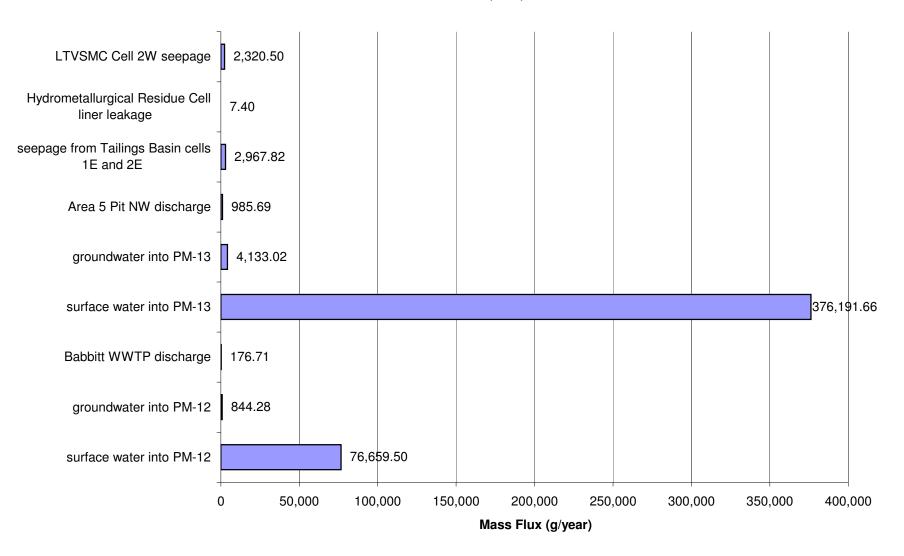
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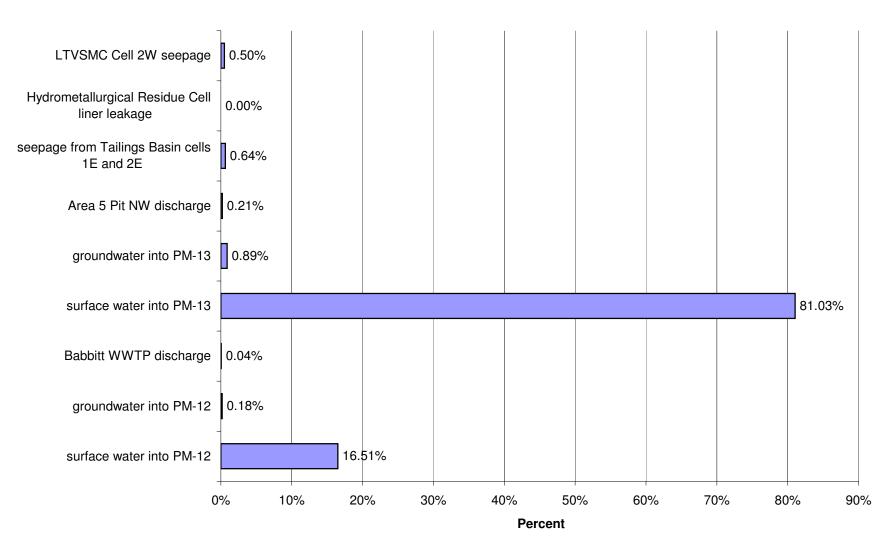
Proposed Action: Percent of Impacts at PM-13 in Closure for Average Flow for Cobalt (Co)



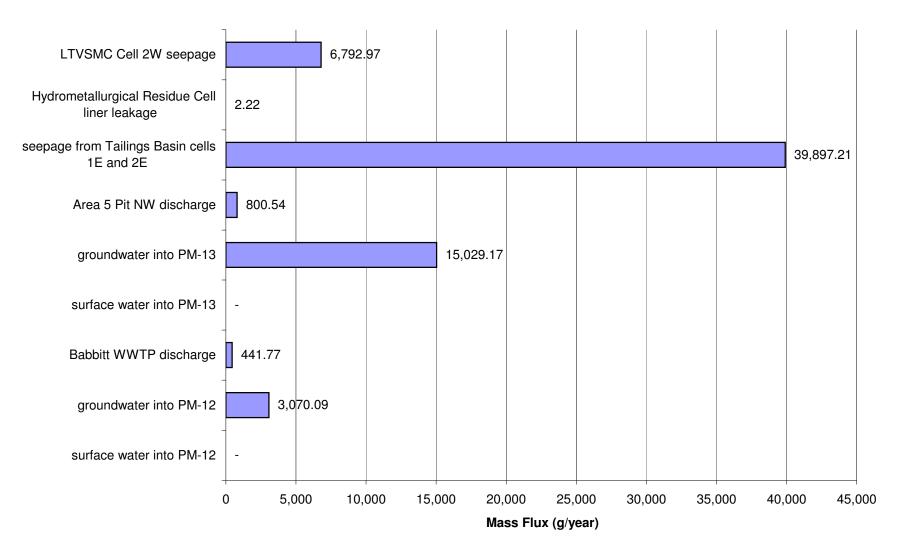
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Cobalt (Co)



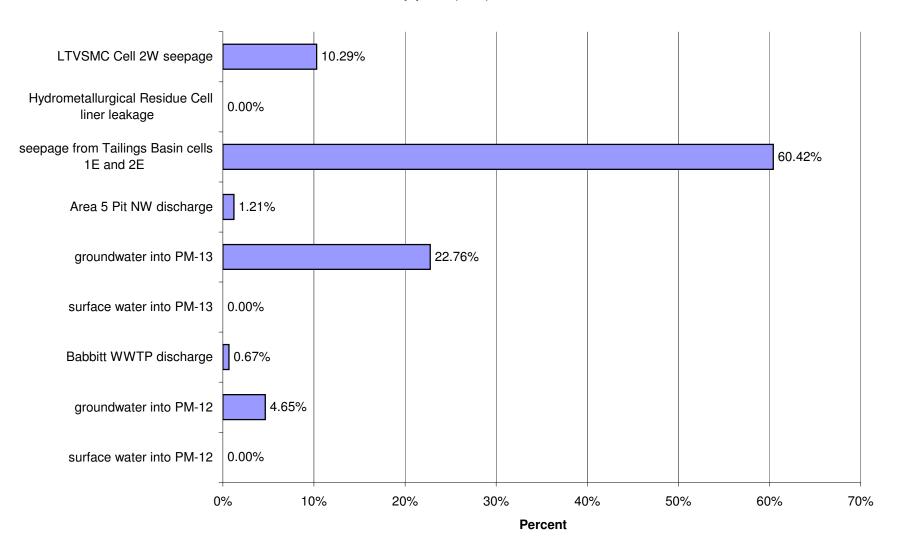
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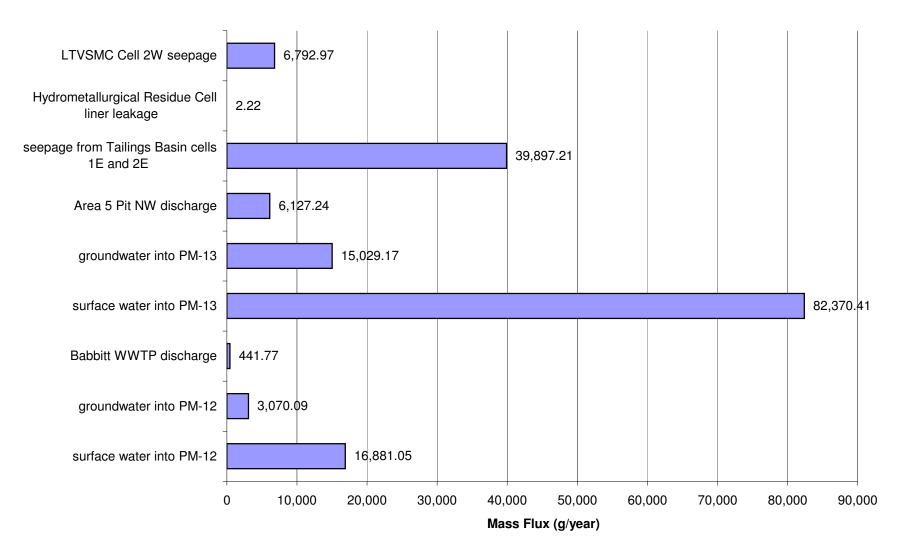
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Copper (Cu)

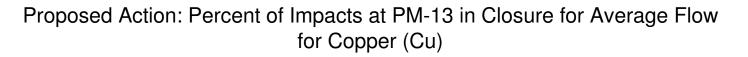


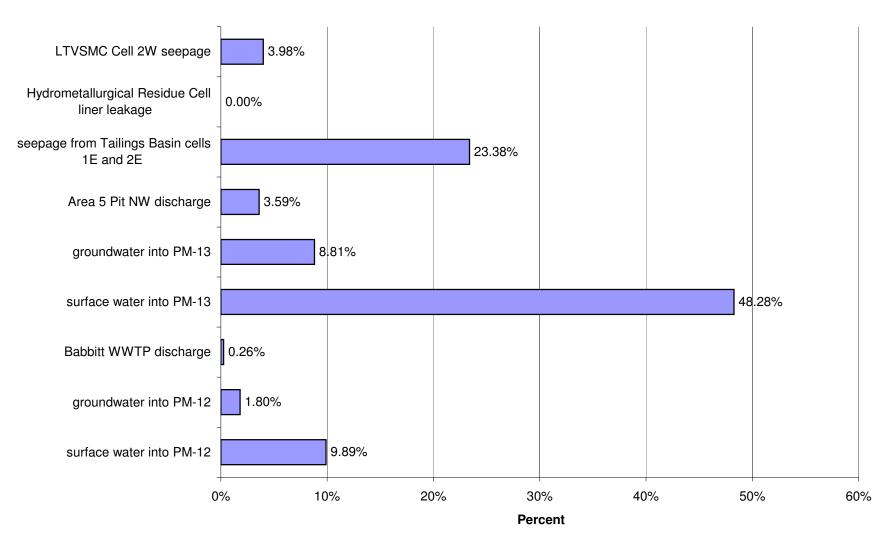
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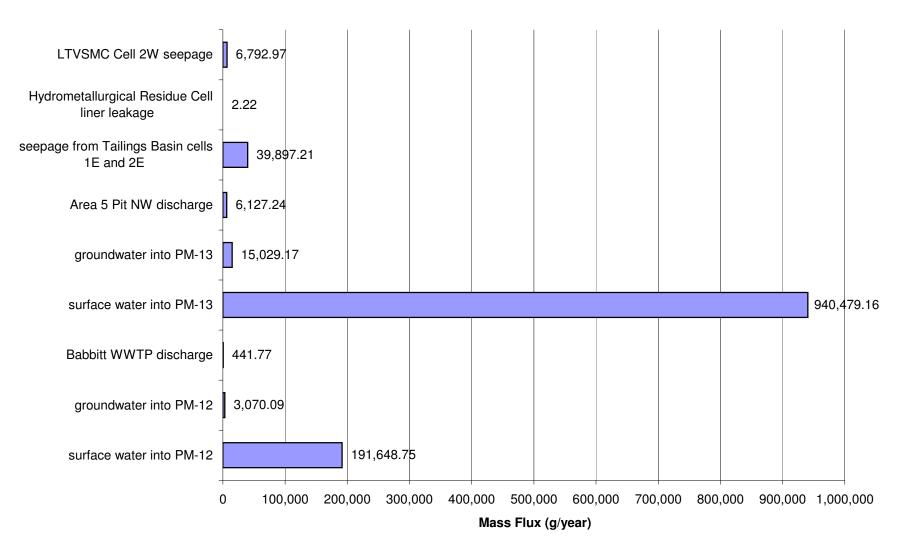
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Copper (Cu)



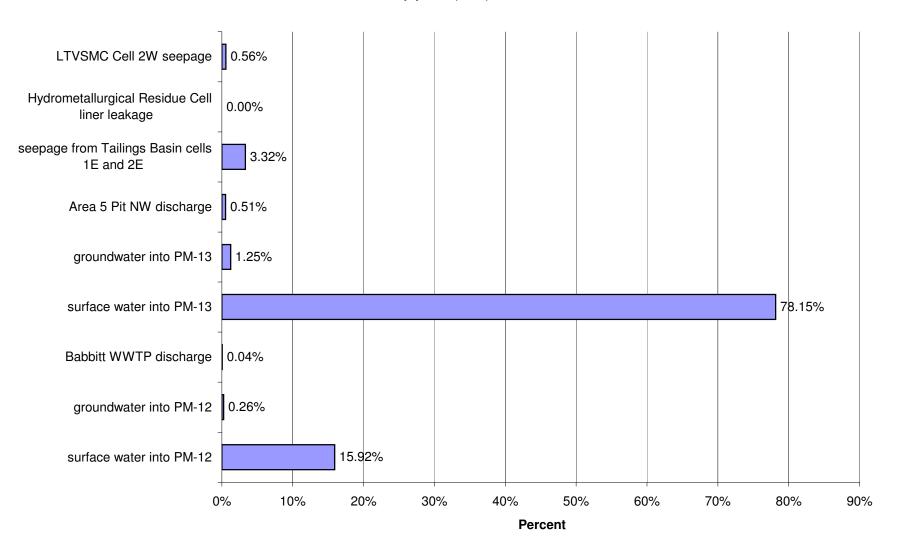




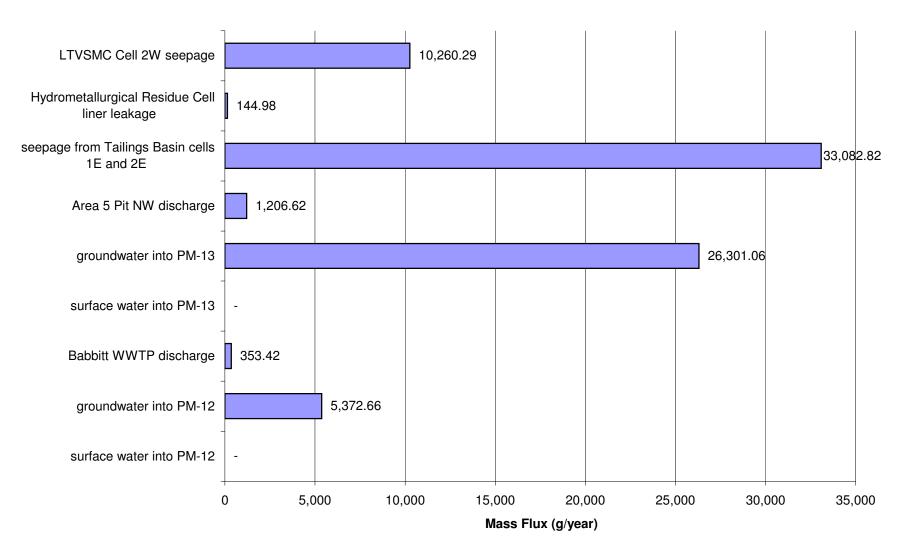
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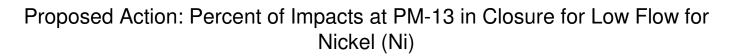


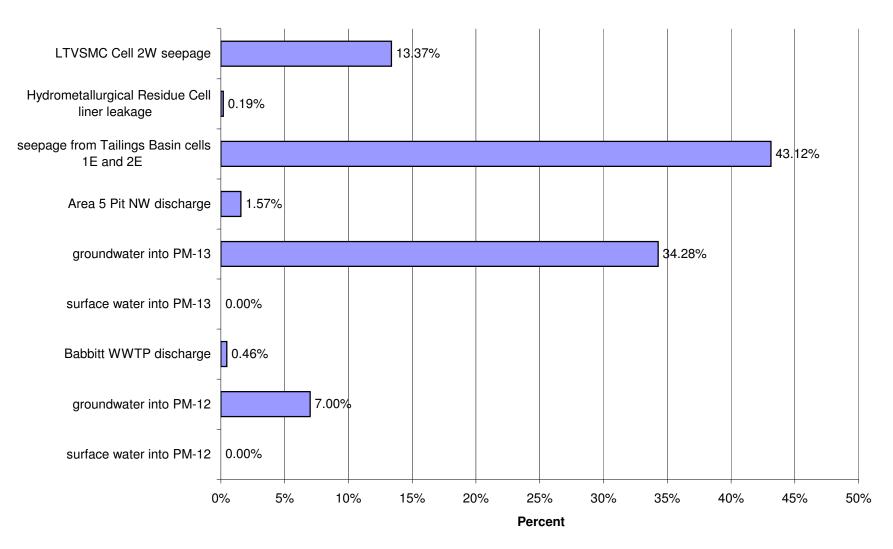
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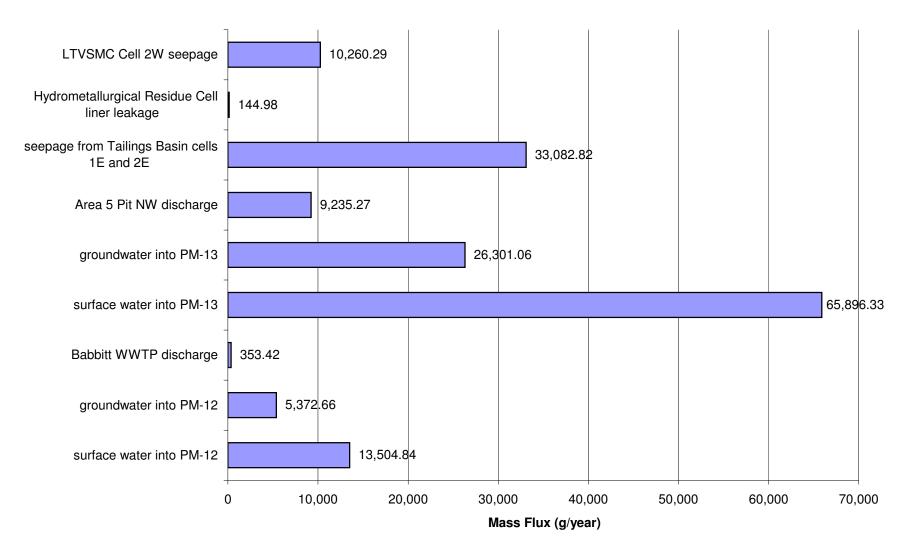
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Nickel (Ni)

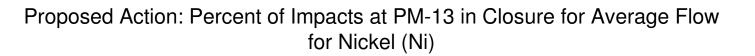


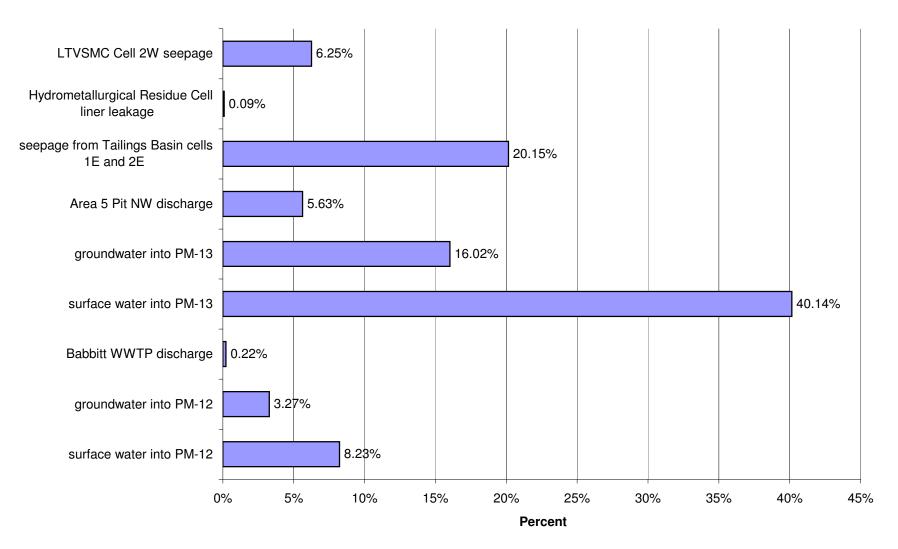




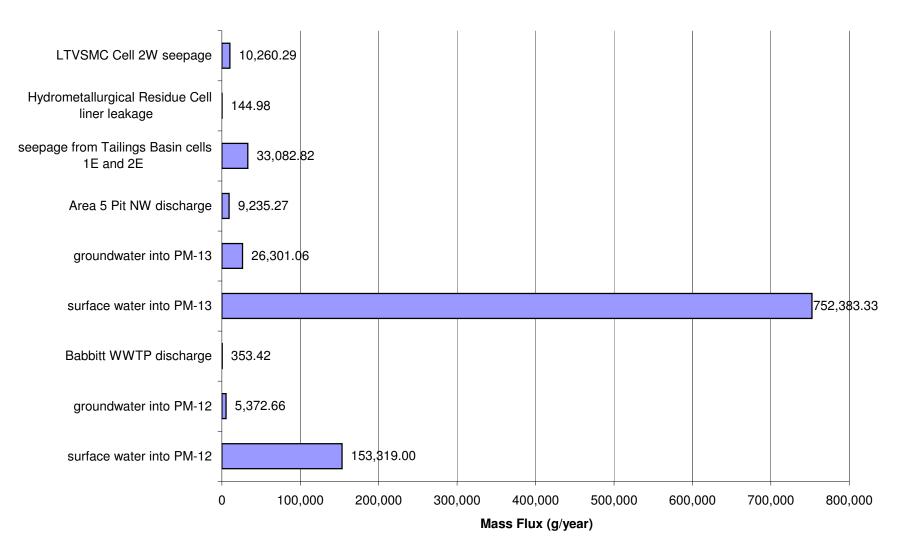
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Nickel (Ni)



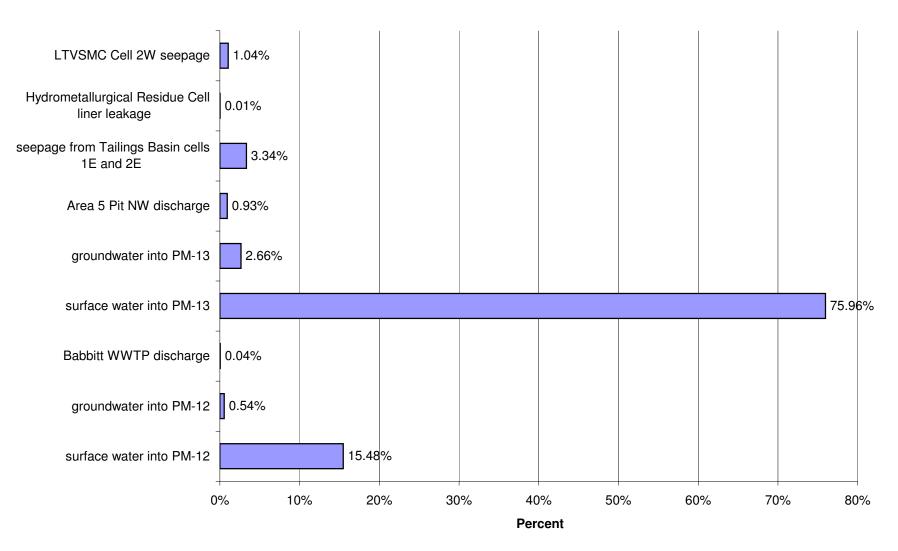




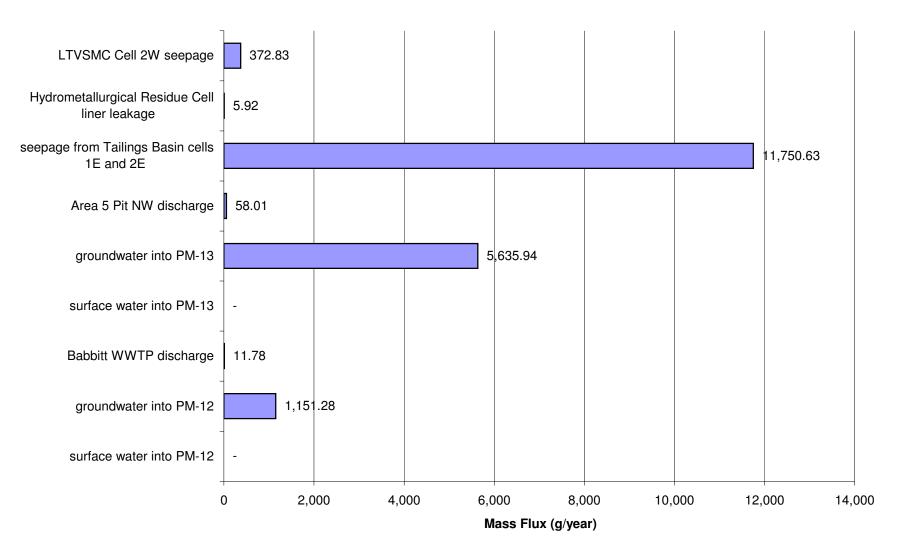
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Nickel (Ni)



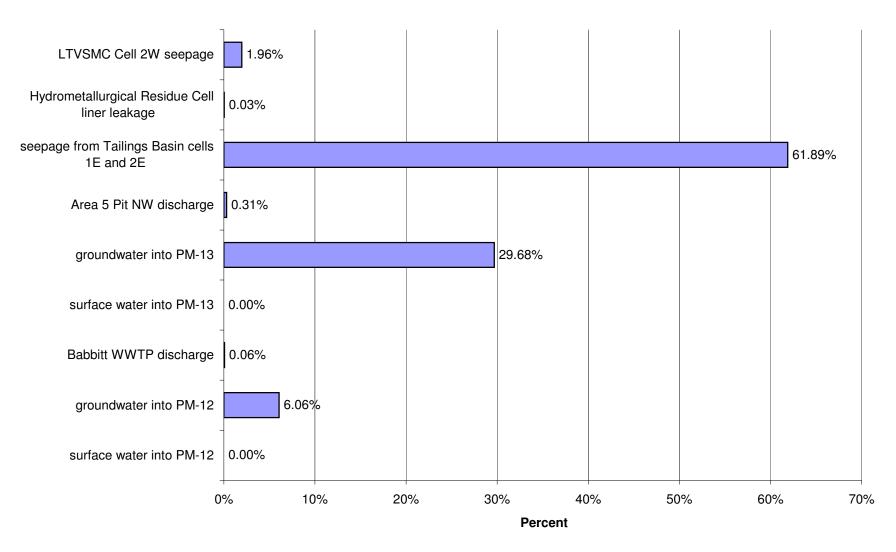
Proposed Action: Percent of Impacts at PM-13 in Closure for High Flow for Nickel (Ni)



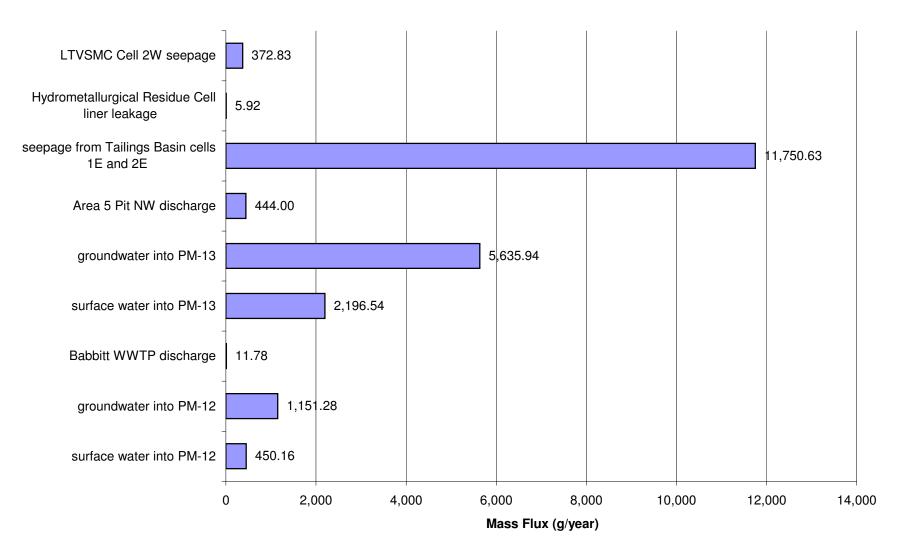
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Antimony (Sb)



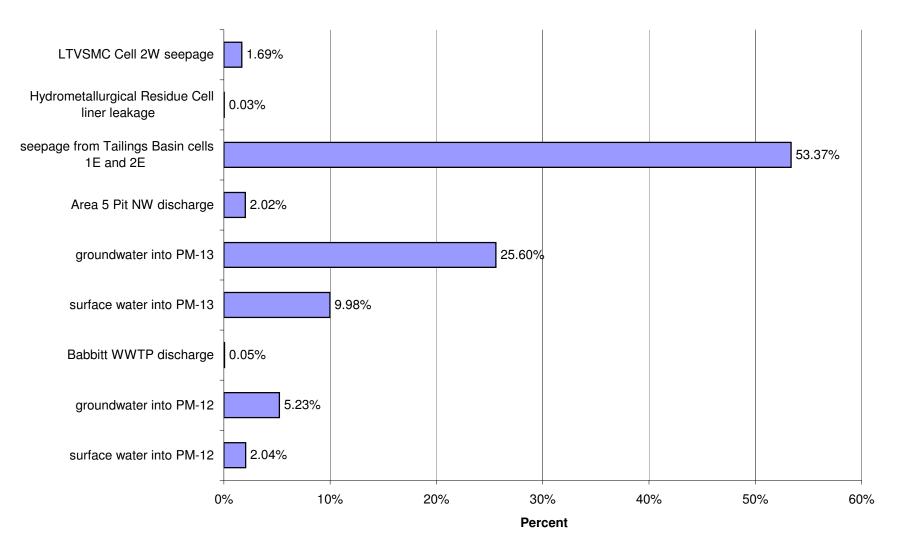
Proposed Action: Percent of Impacts at PM-13 in Closure for Low Flow for Antimony (Sb)



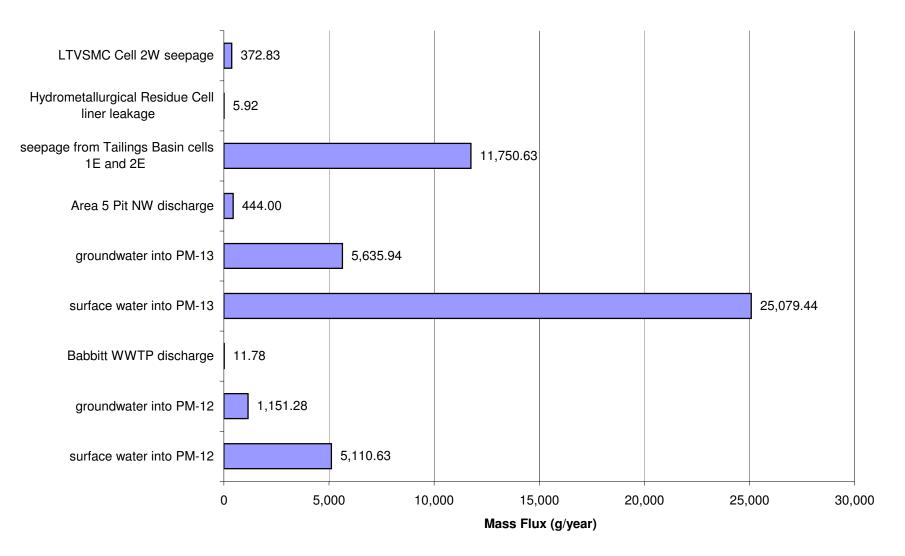
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Antimony (Sb)



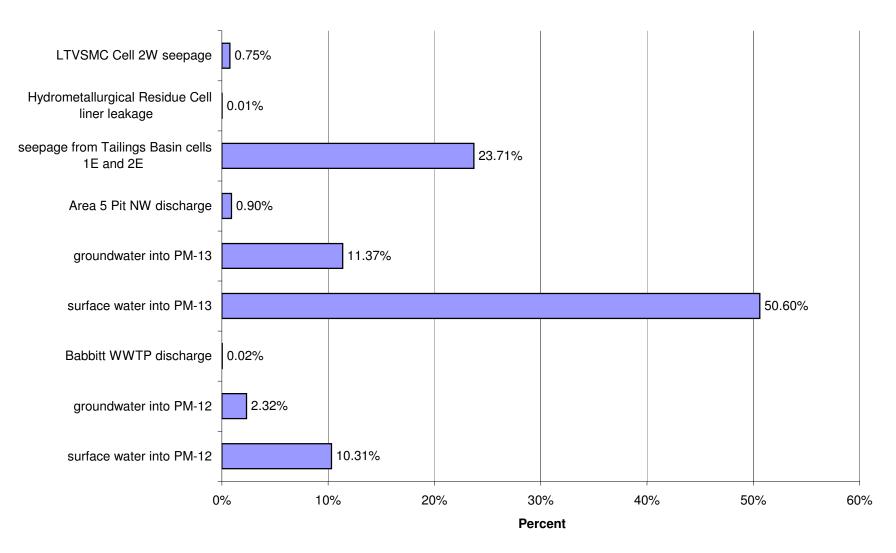
Proposed Action: Percent of Impacts at PM-13 in Closure for Average Flow for Antimony (Sb)



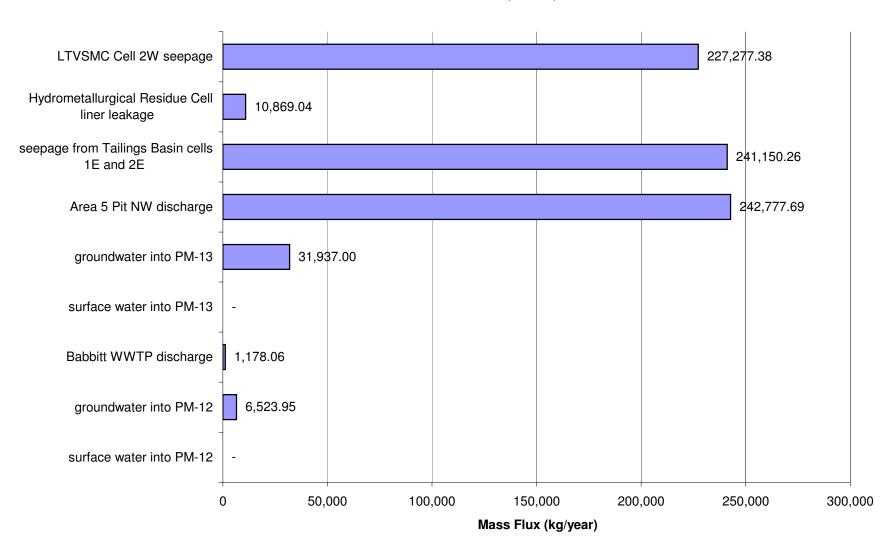
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Antimony (Sb)



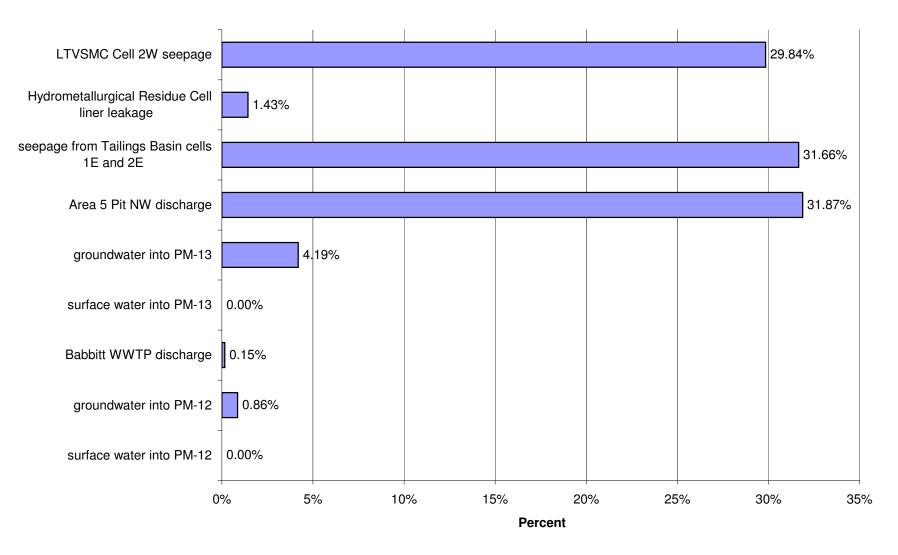
Proposed Action: Percent of Impacts at PM-13 in Closure for High Flow for Antimony (Sb)



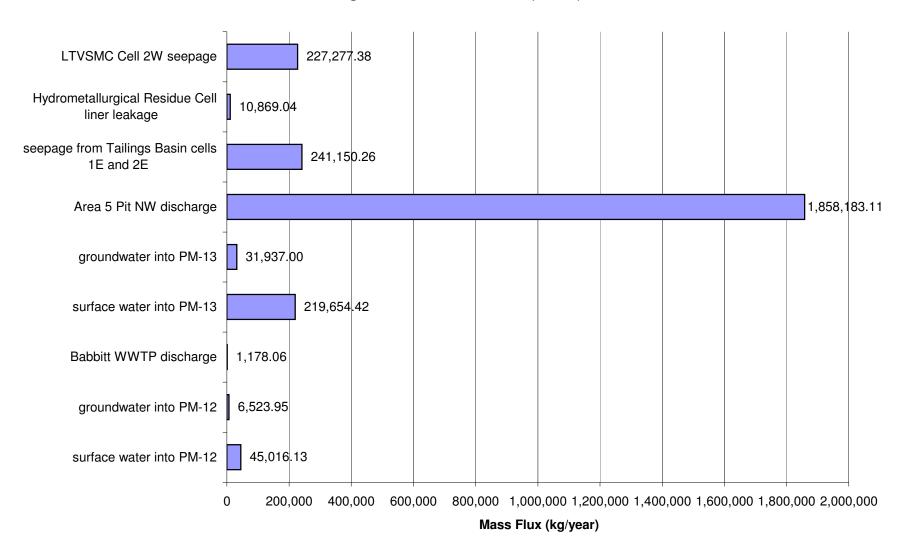
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Closure for Low Flow for Sulfate (SO4)



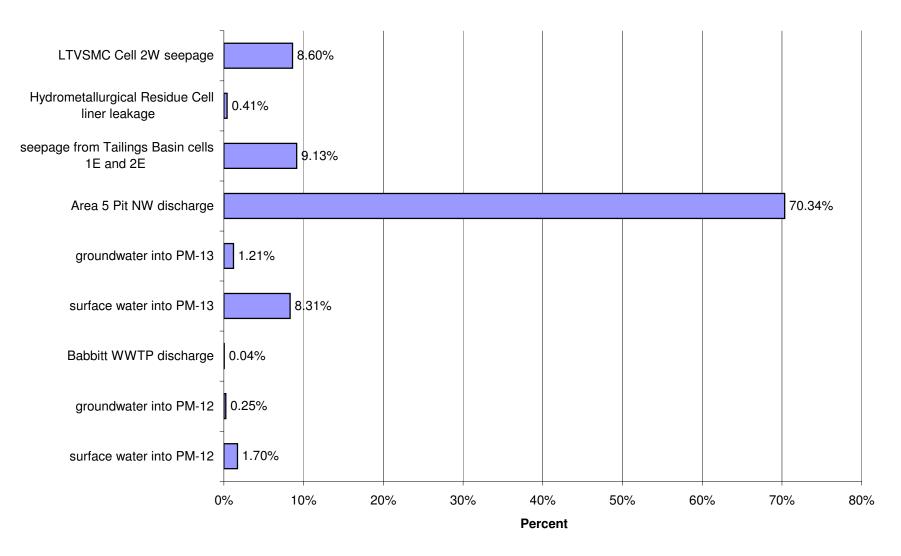
Proposed Action: Percent of Impacts at PM-13 in Closure for Low Flow for Sulfate (SO4)



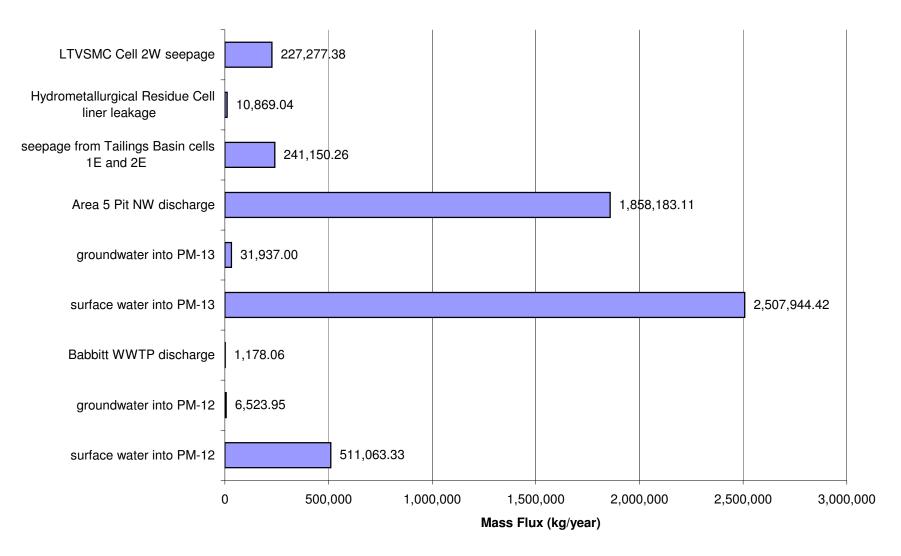
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Closure for Average Flow for Sulfate (SO4)

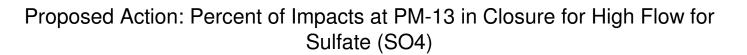


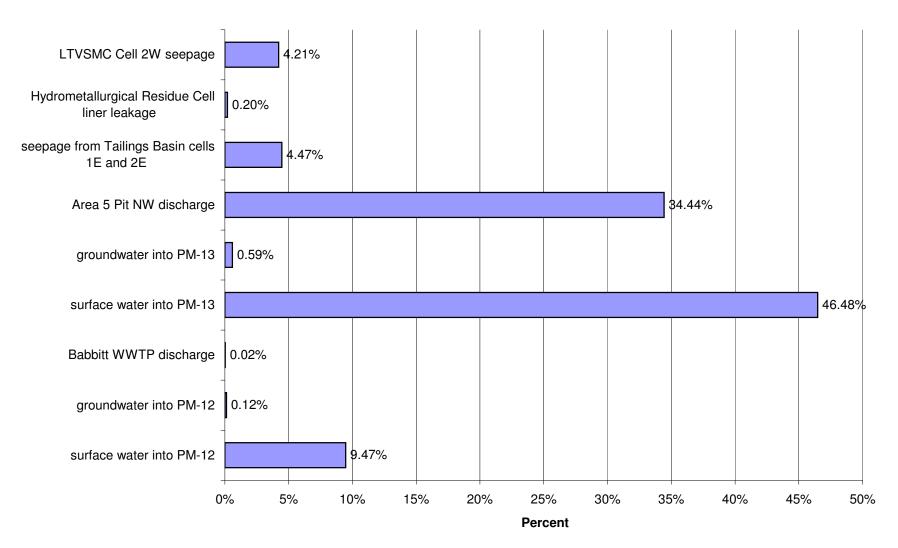
Proposed Action: Percent of Impacts at PM-13 in Closure for Average Flow for Sulfate (SO4)



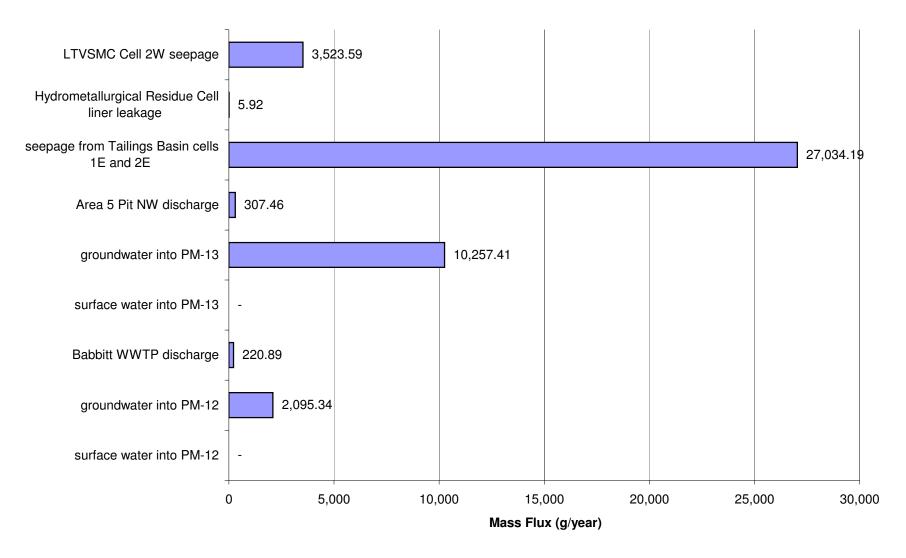
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Closure for High Flow for Sulfate (SO4)



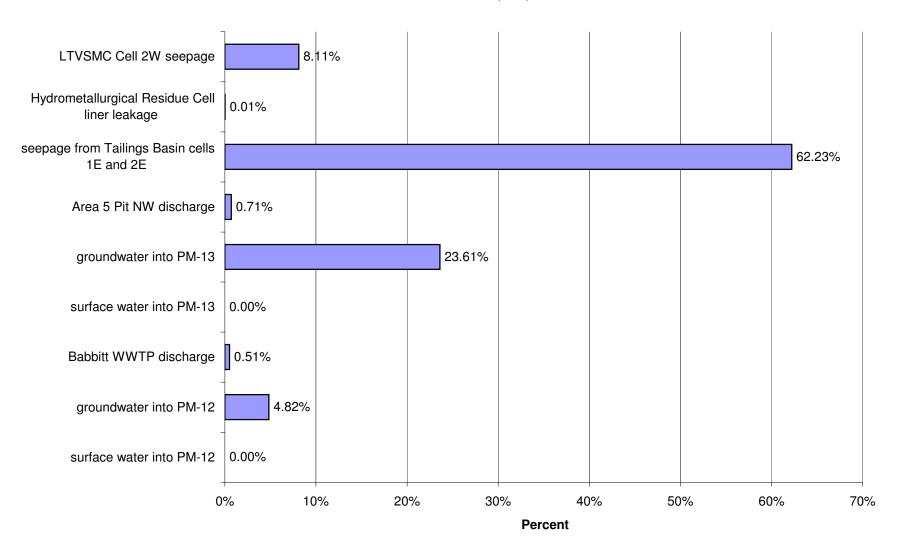




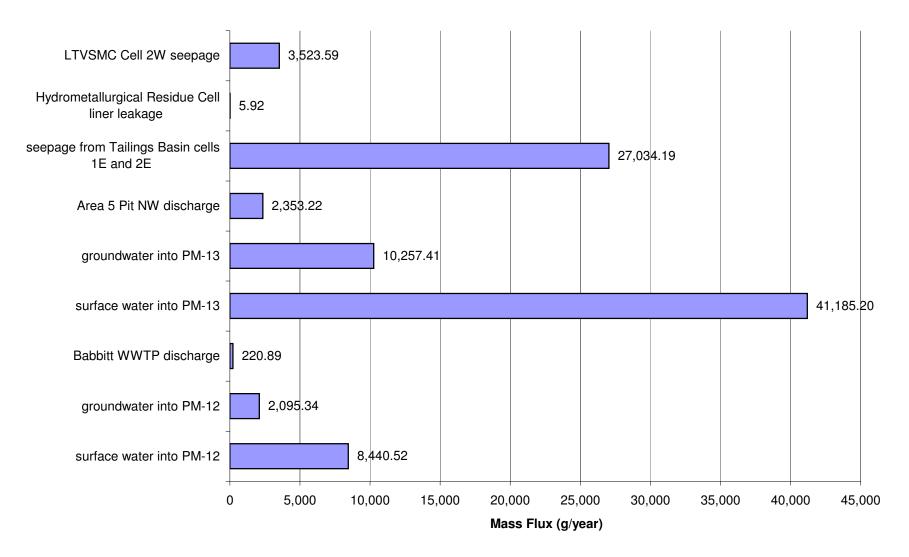
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Low Flow for Arsenic (As)



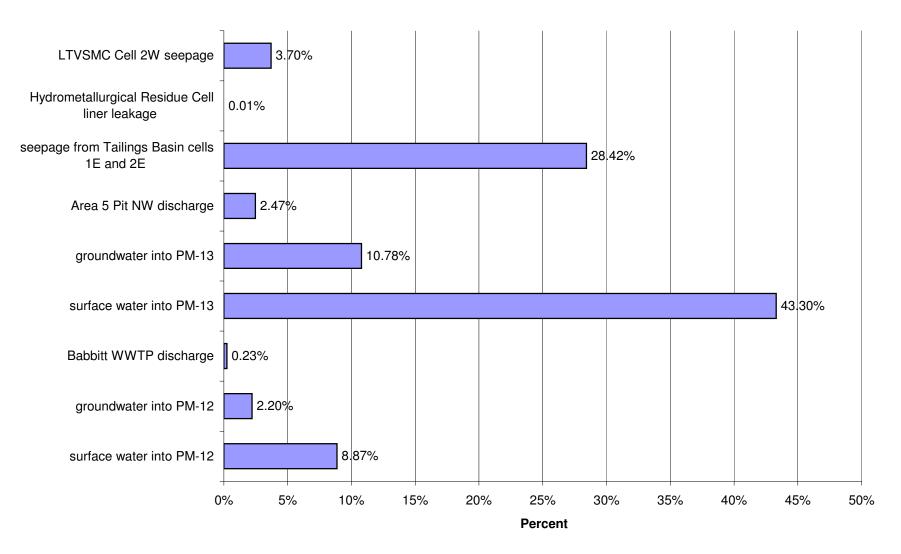
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Arsenic (As)



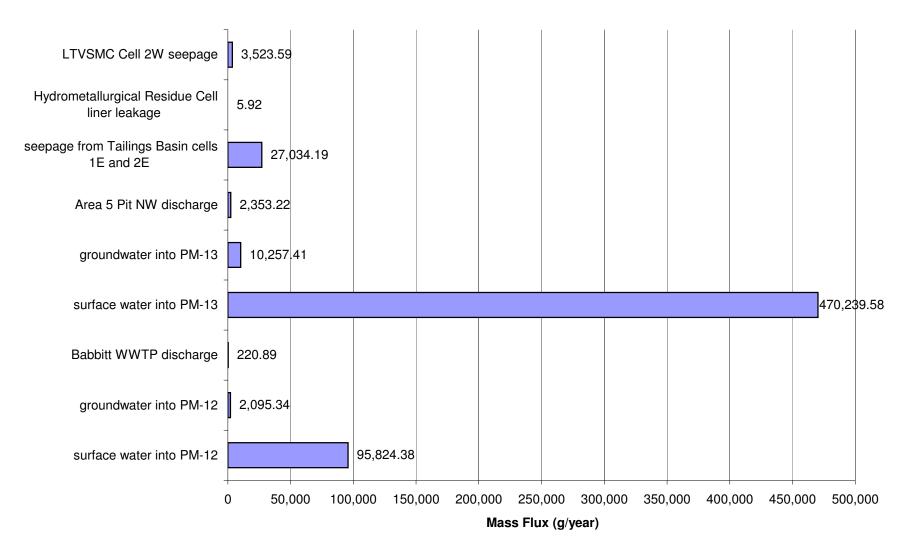
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Average Flow for Arsenic (As)



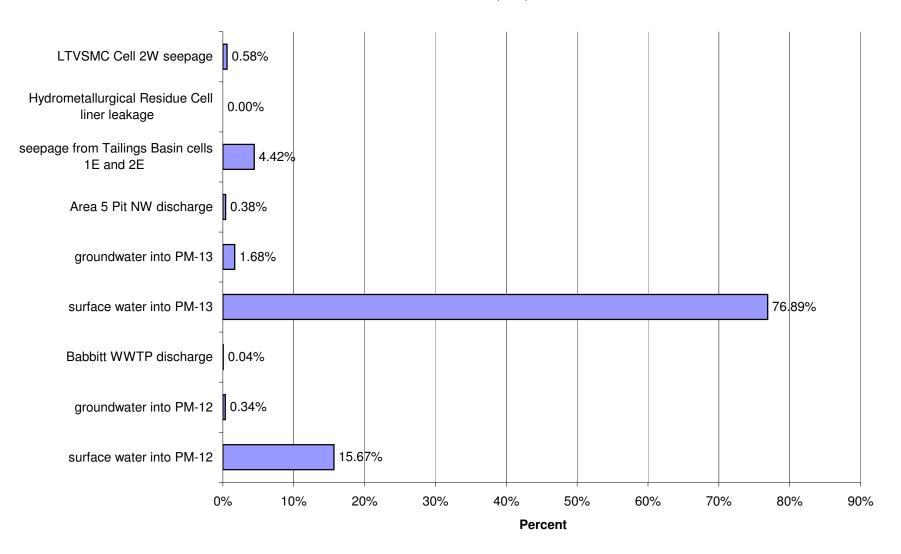
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Arsenic (As)



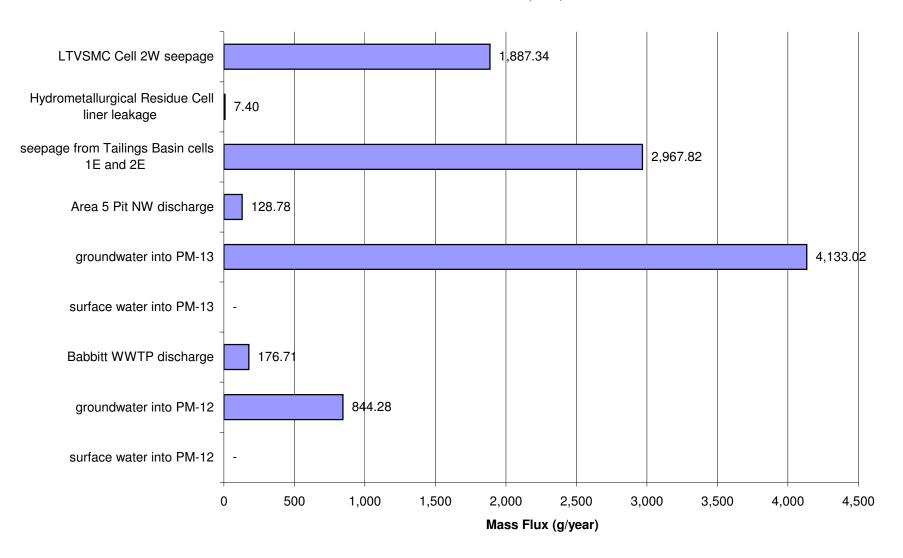
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for High Flow for Arsenic (As)



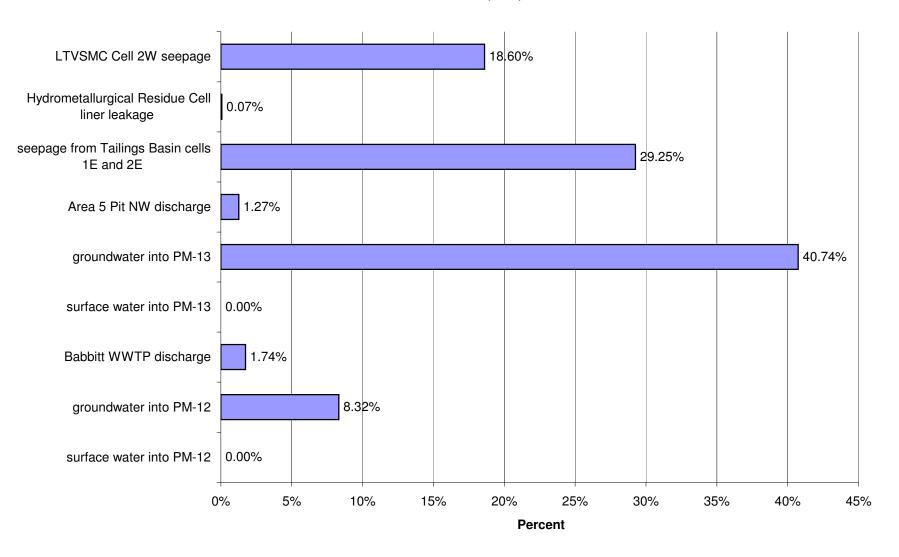
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for High Flow for Arsenic (As)



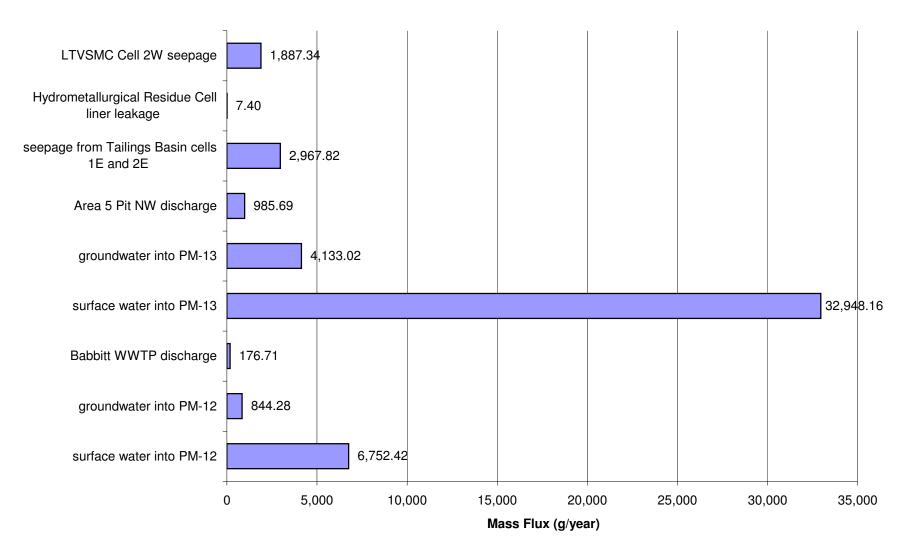
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Low Flow for Cobalt (Co)



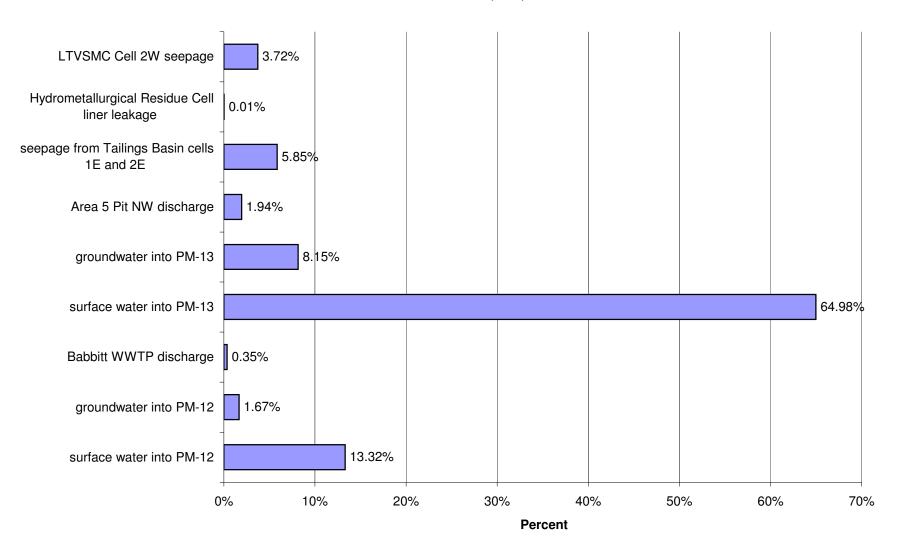
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Cobalt (Co)



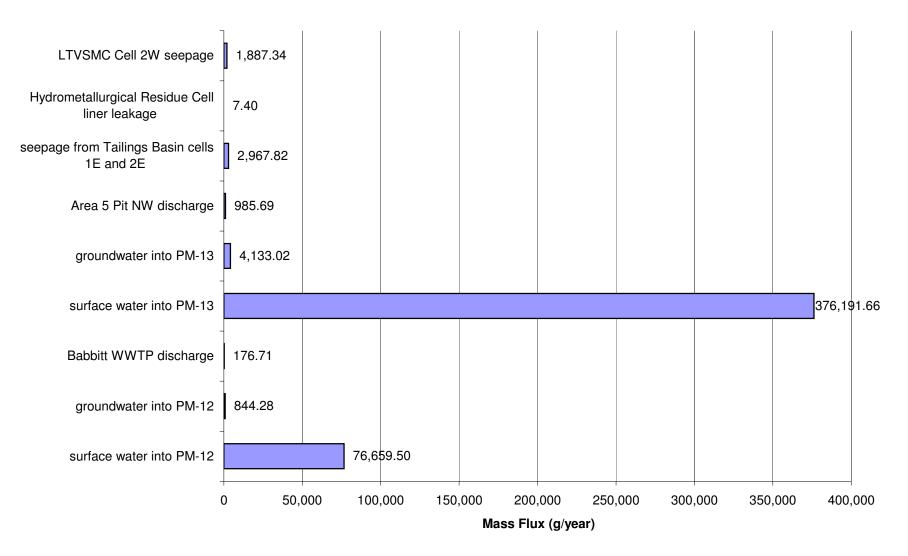
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Average Flow for Cobalt (Co)



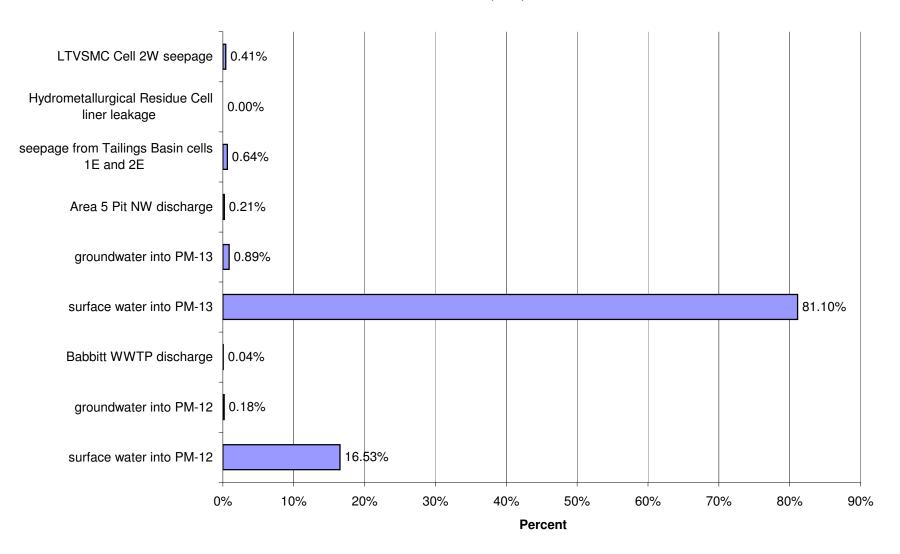
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Cobalt (Co)



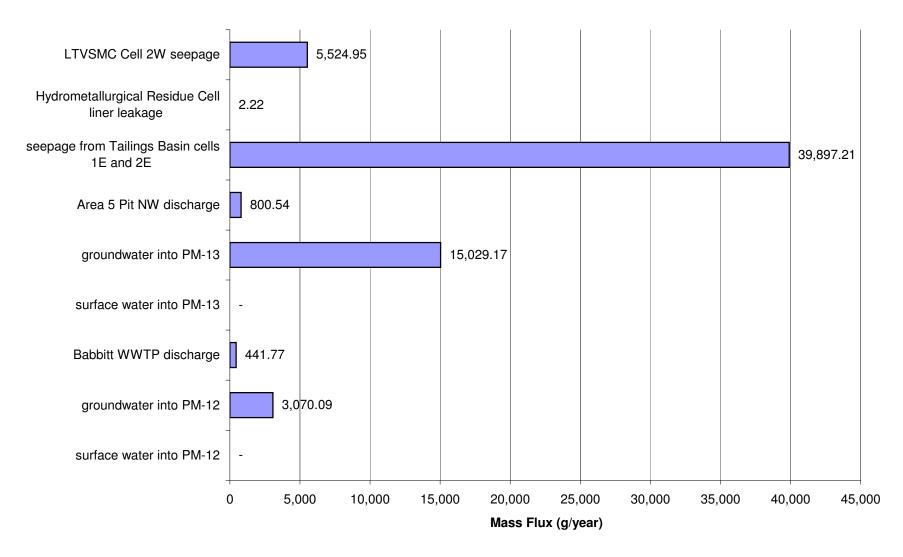
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for High Flow for Cobalt (Co)



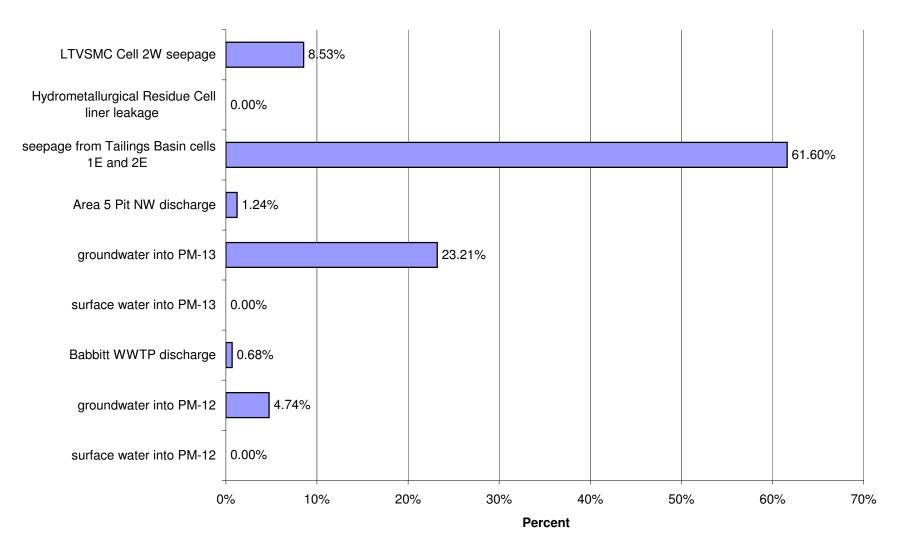
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for High Flow for Cobalt (Co)



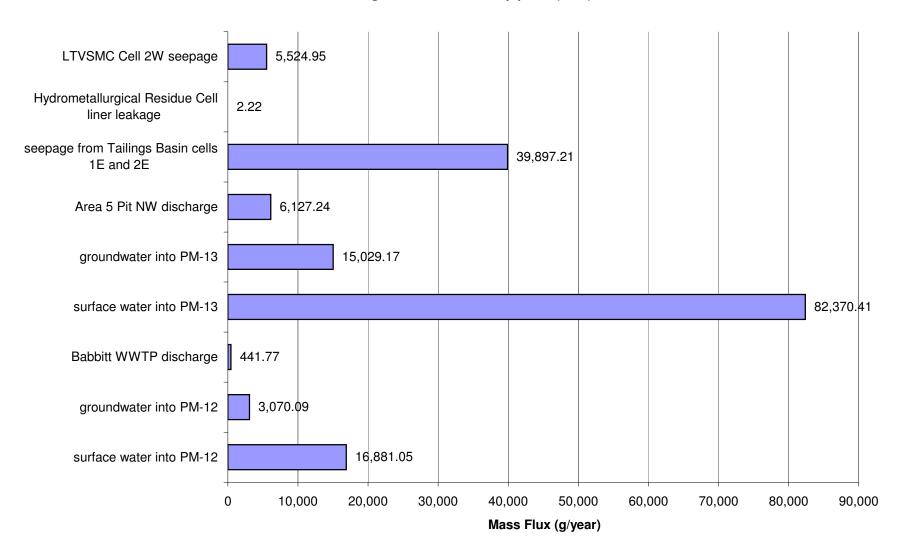
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Low Flow for Copper (Cu)



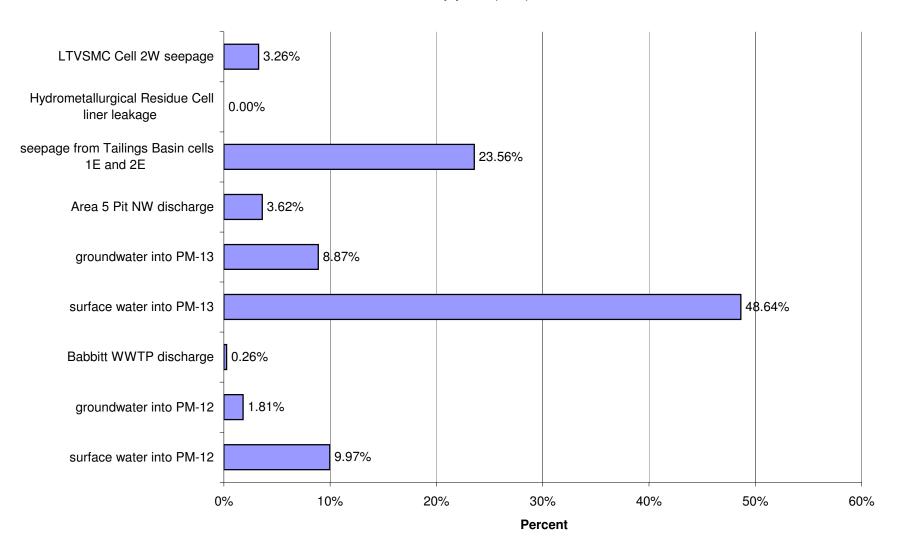
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Copper (Cu)



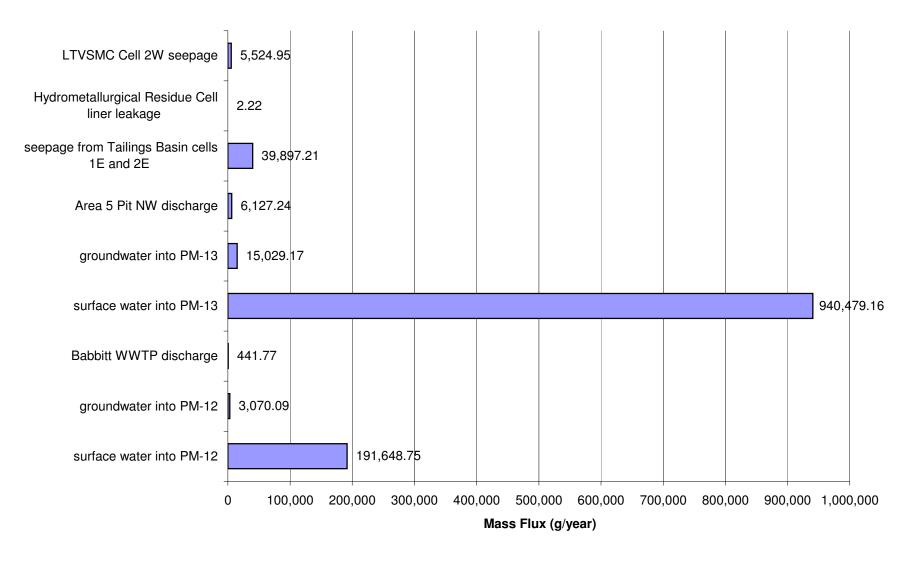
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Average Flow for Copper (Cu)



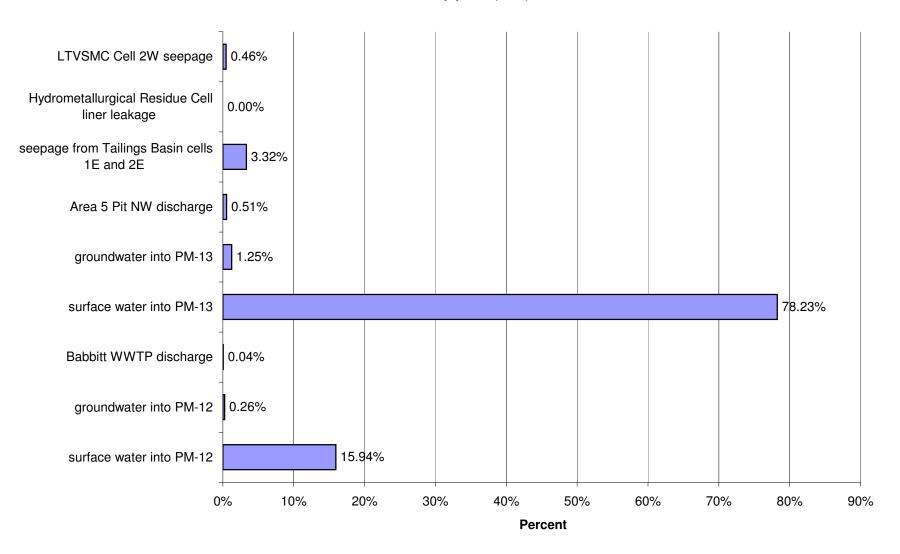
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Copper (Cu)



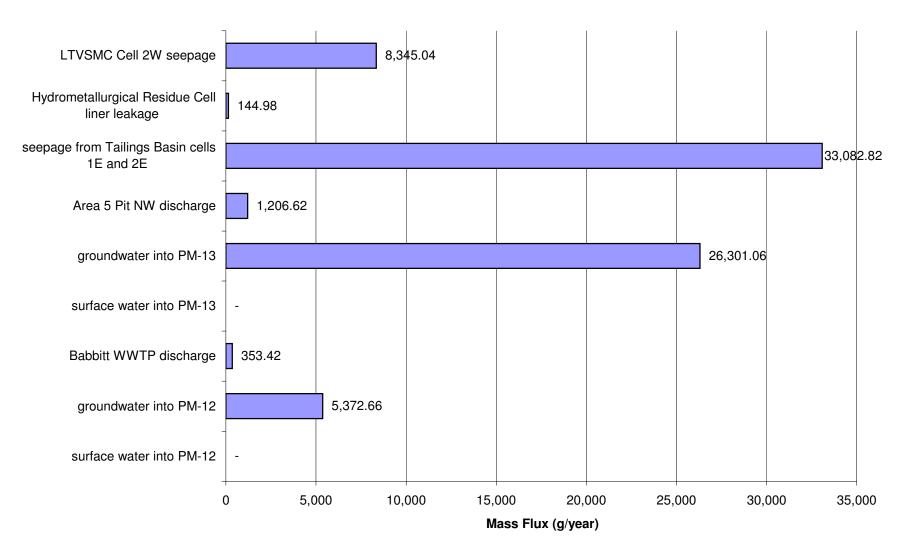
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for High Flow for Copper (Cu)



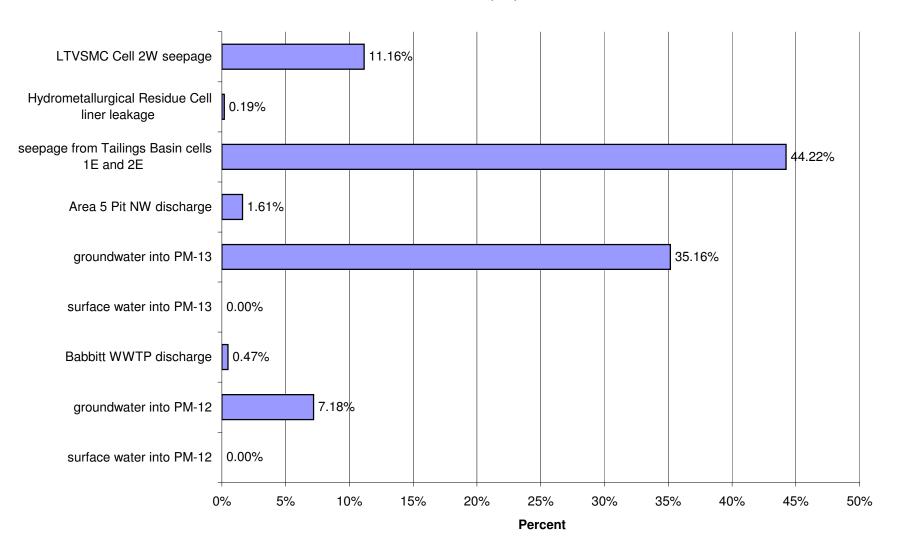
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for High Flow for Copper (Cu)



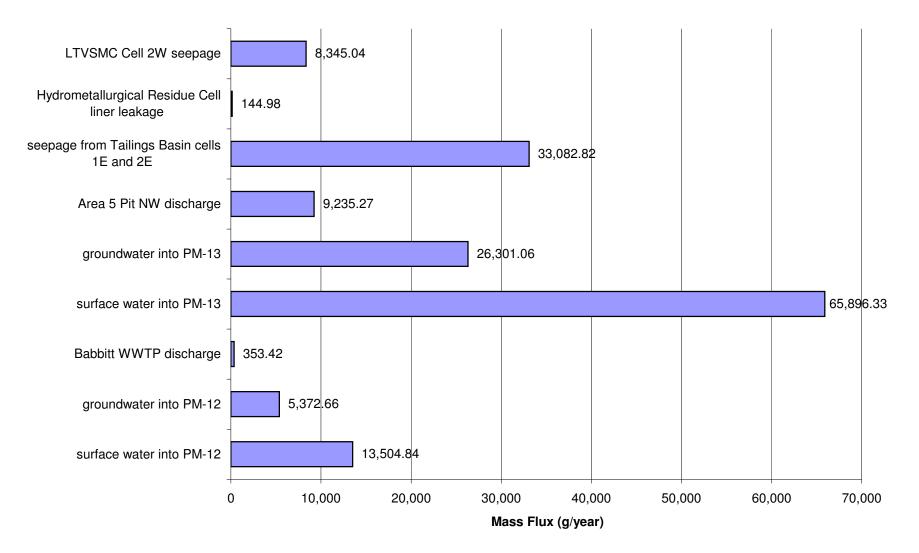
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Low Flow for Nickel (Ni)



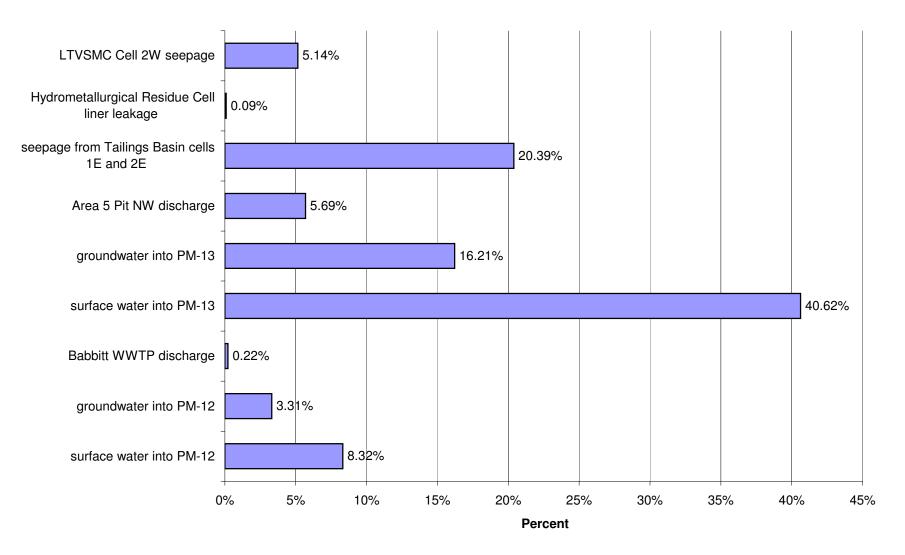
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Nickel (Ni)



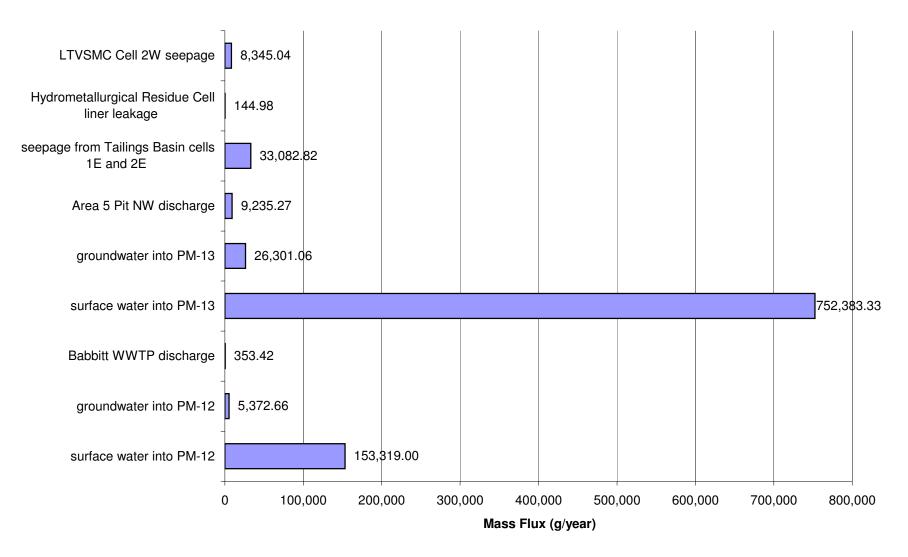
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Average Flow for Nickel (Ni)



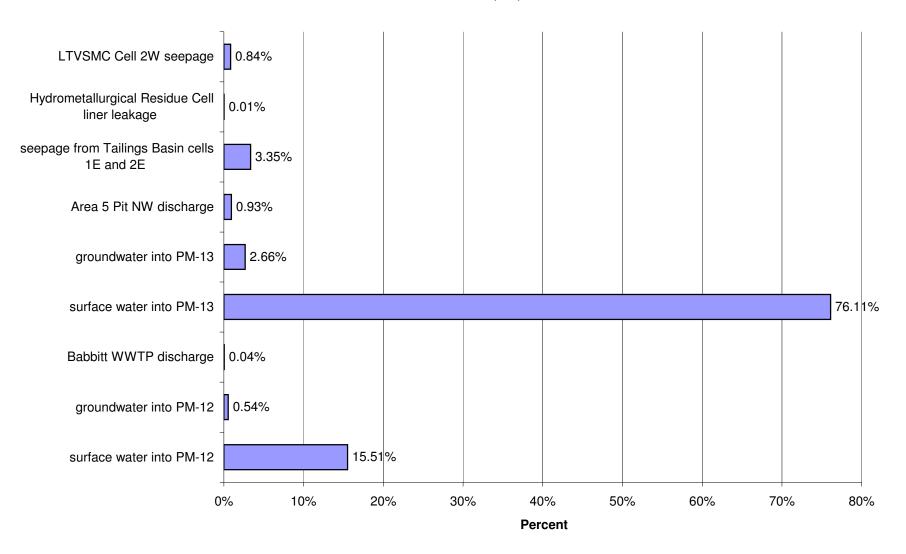
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Nickel (Ni)



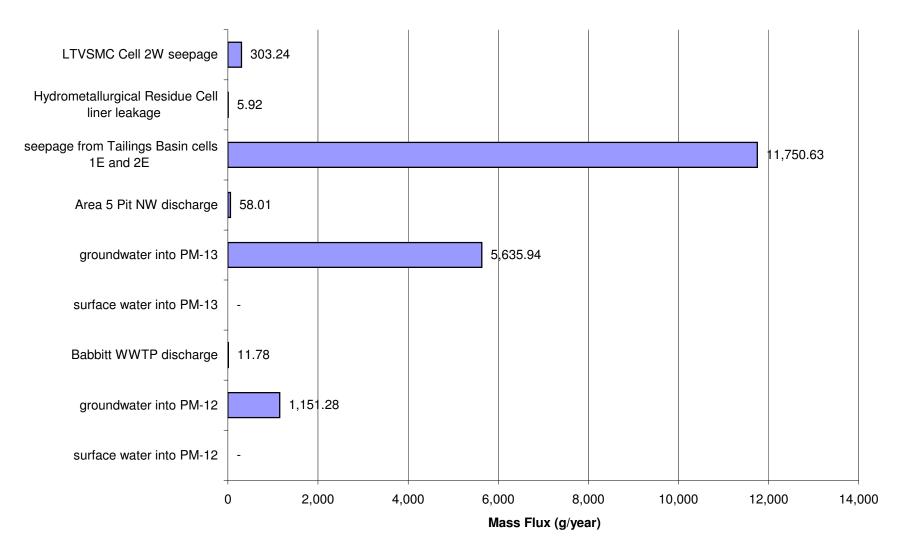
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for High Flow for Nickel (Ni)



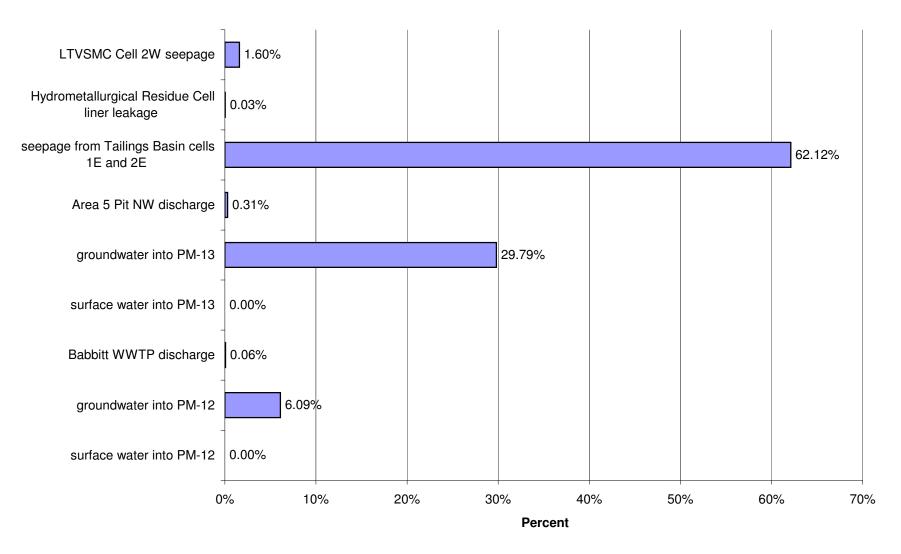
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for High Flow for Nickel (Ni)



Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Low Flow for Antimony (Sb)

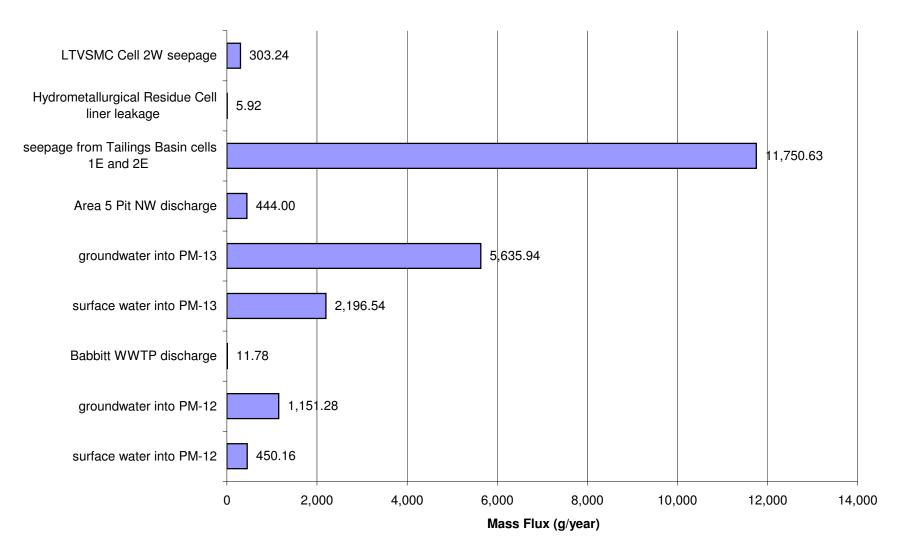


Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Antimony (Sb)

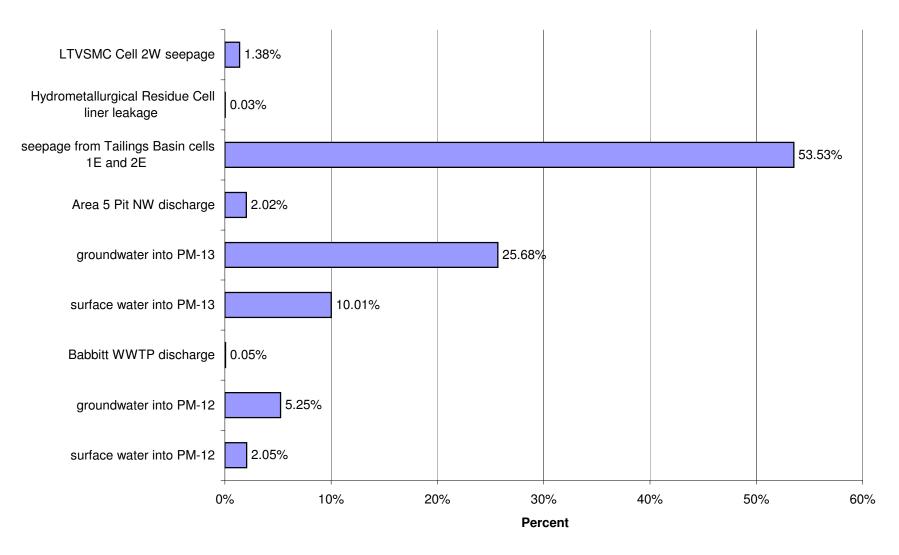


Sb, PM-13, average, mass fl

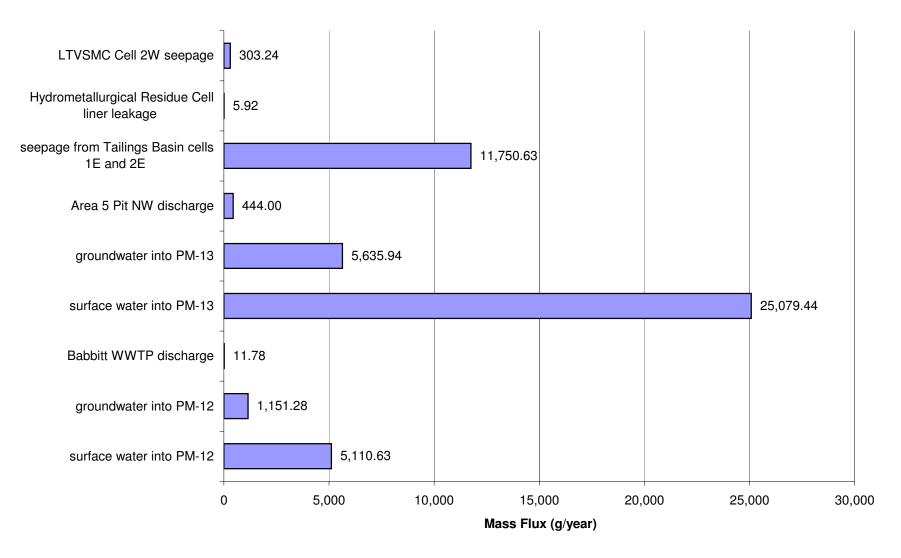
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for Average Flow for Antimony (Sb)



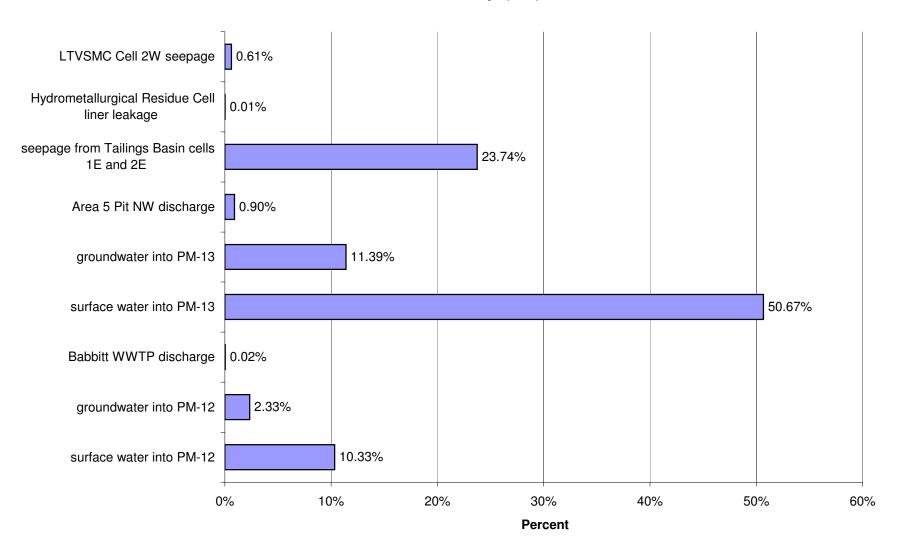
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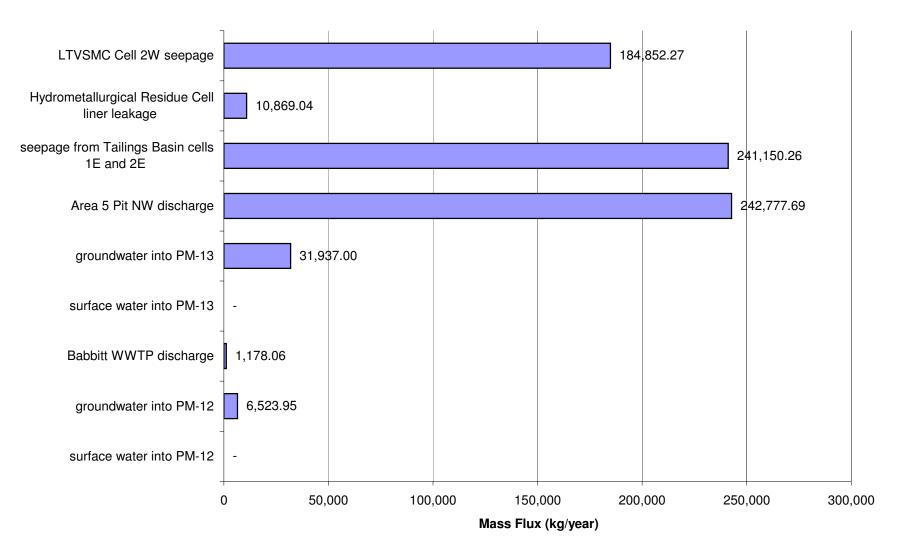
Proposed Action: Mass Flux (g/year) of Impacts at PM-13 in Post - Closure for High Flow for Antimony (Sb)



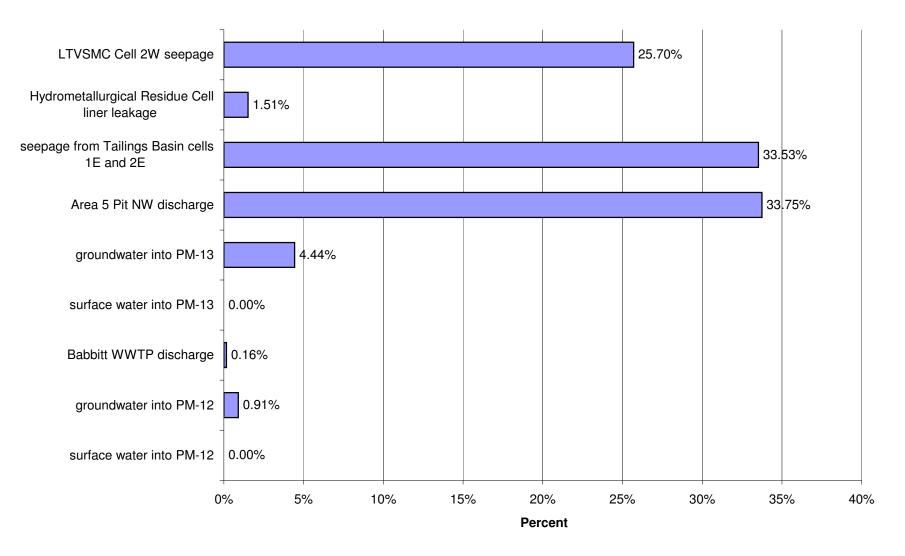
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for High Flow for Antimony (Sb)



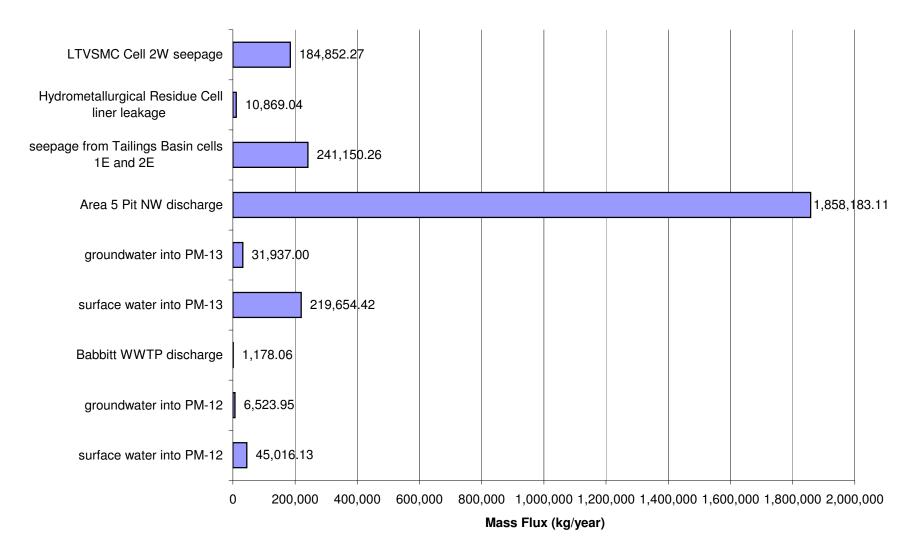
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Post - Closure for Low Flow for Sulfate (SO₄)



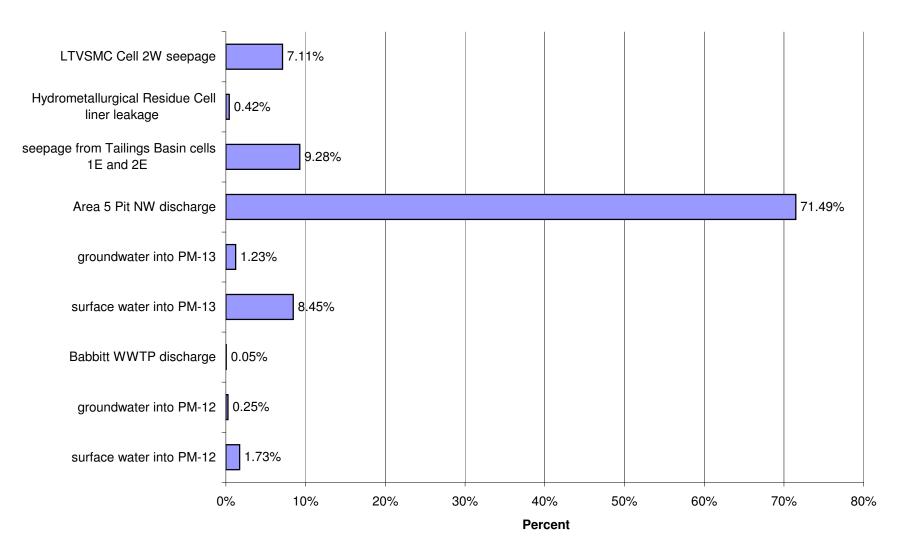
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Sulfate (SO₄)



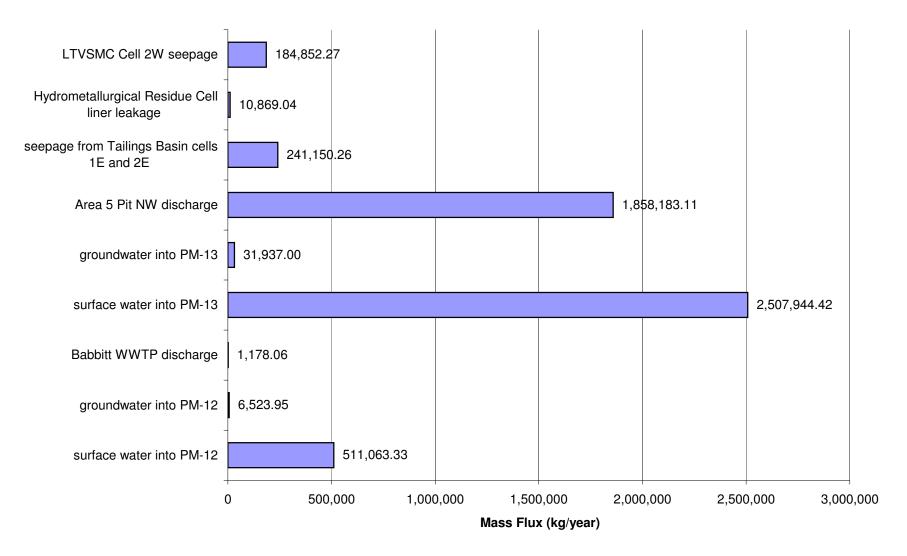
Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Post - Closure for Average Flow for Sulfate (SO₄)

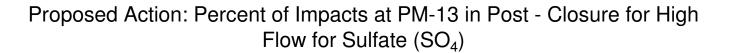


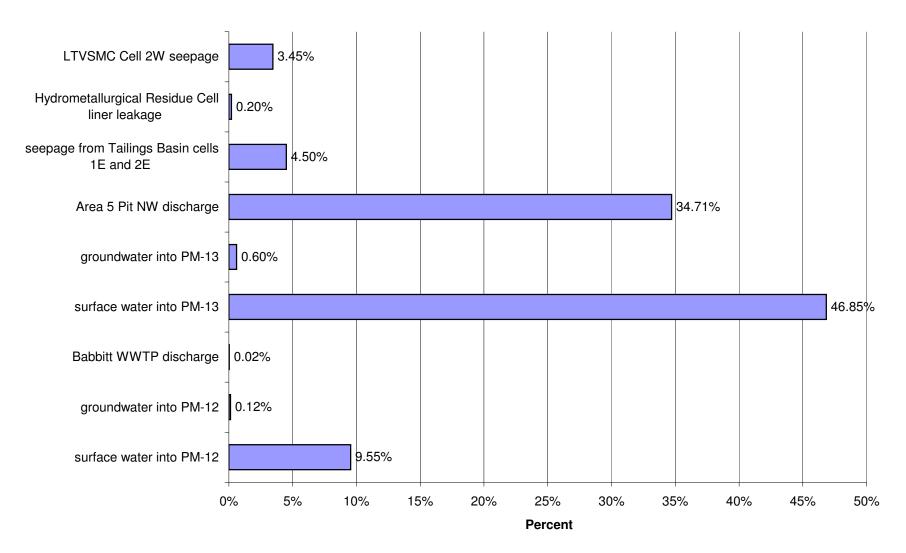
Proposed Action: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Sulfate (SO₄)



Proposed Action: Mass Flux (kg/year) of Impacts at PM-13 in Post - Closure for High Flow for Sulfate (SO₄)

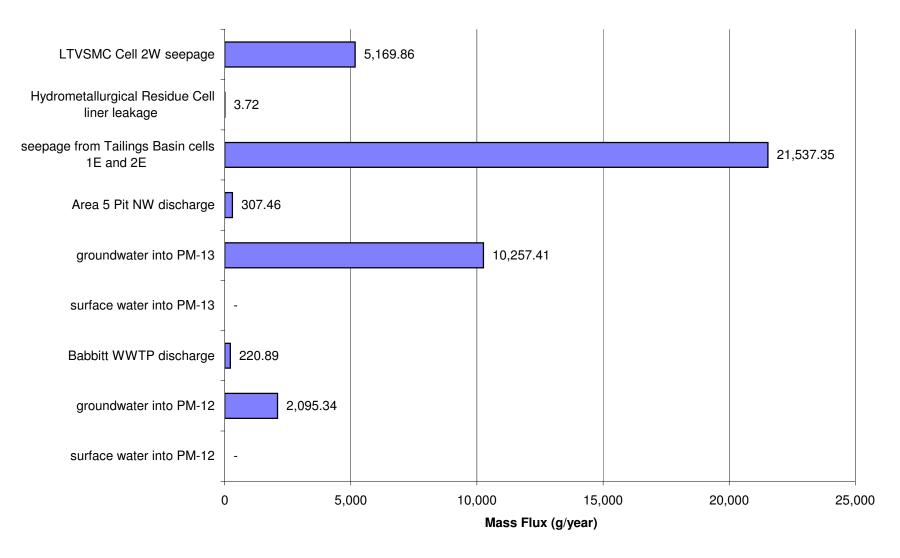






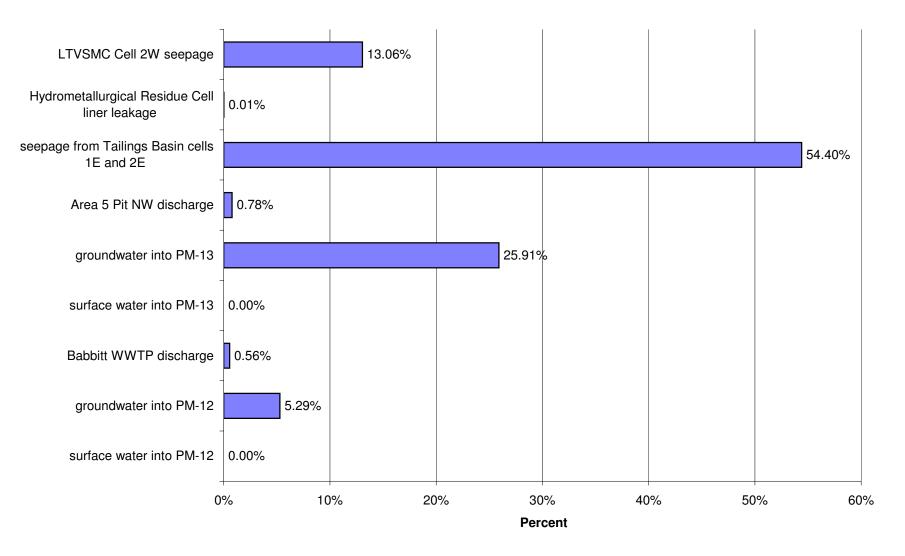
Appendix G.4 Embarrass River Watershed Geotechnical Mitigation

Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Arsenic (As)

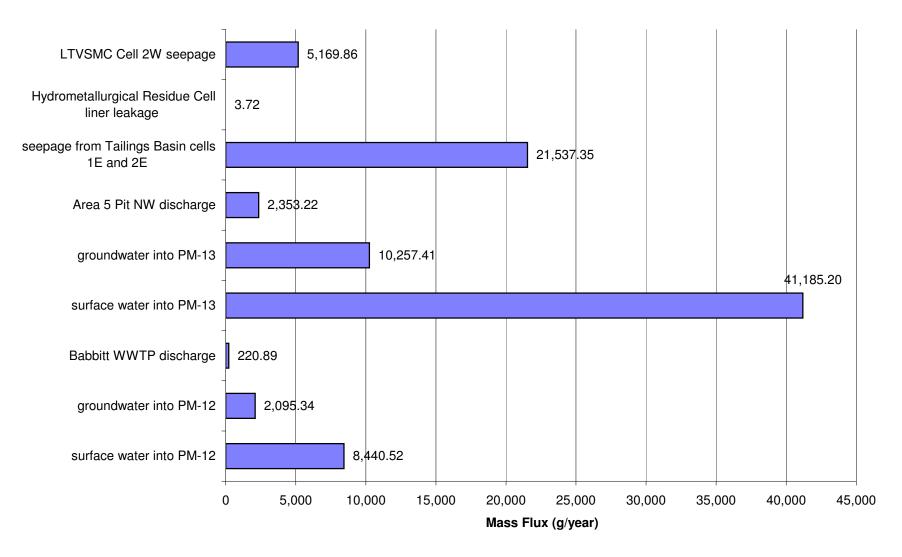


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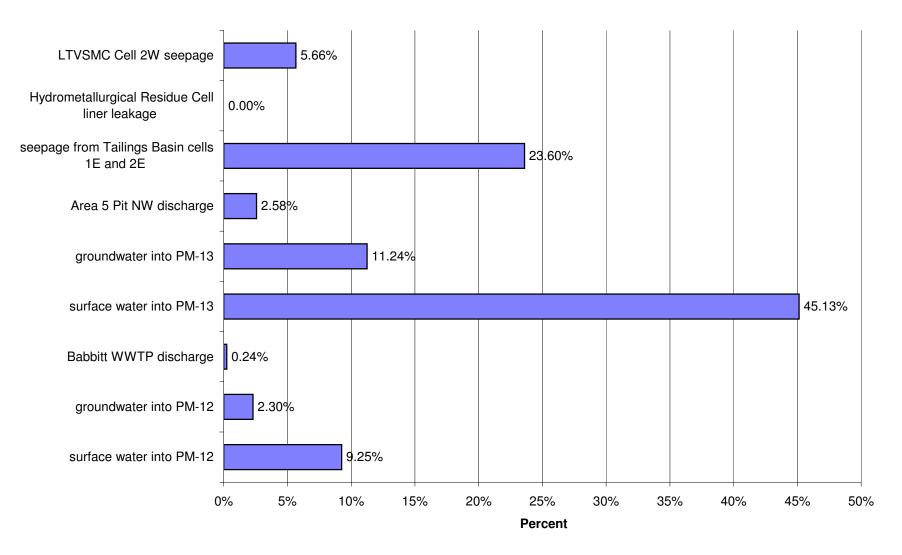
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for Low Flow for Arsenic (As)



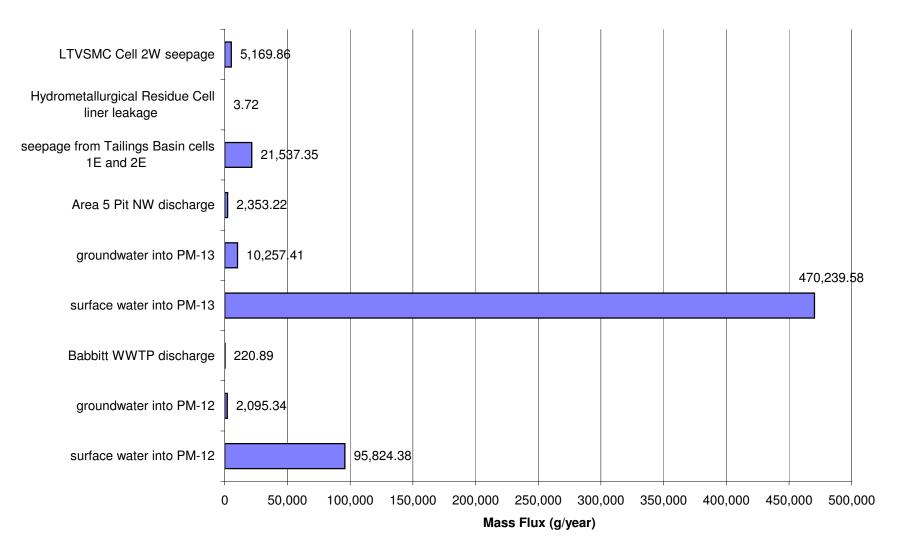
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Arsenic (As)



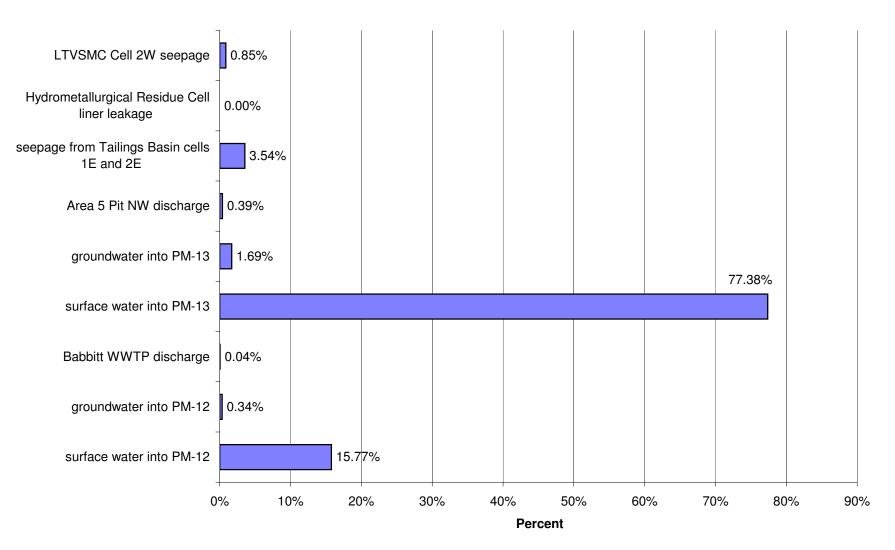
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for Average Flow for Arsenic (As)



Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for High Flow for Arsenic (As)

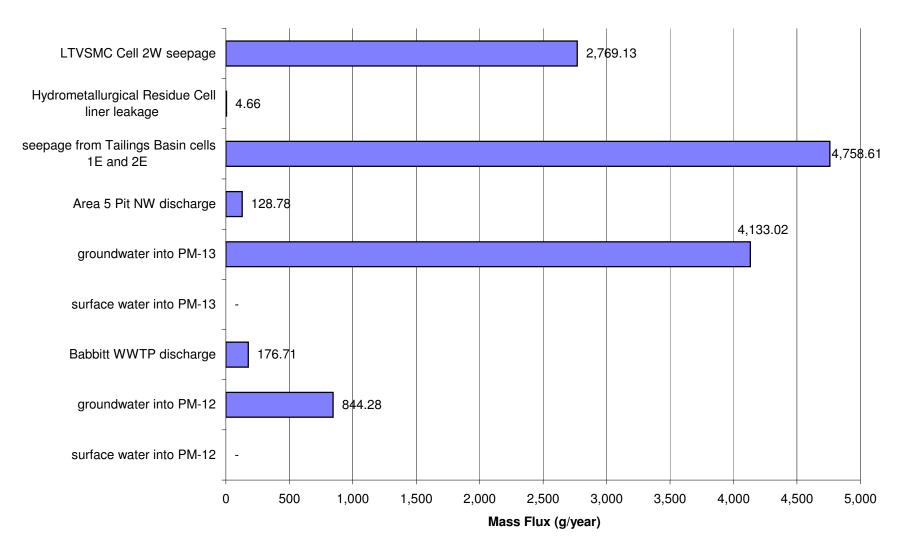


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for High Flow for Arsenic (As)



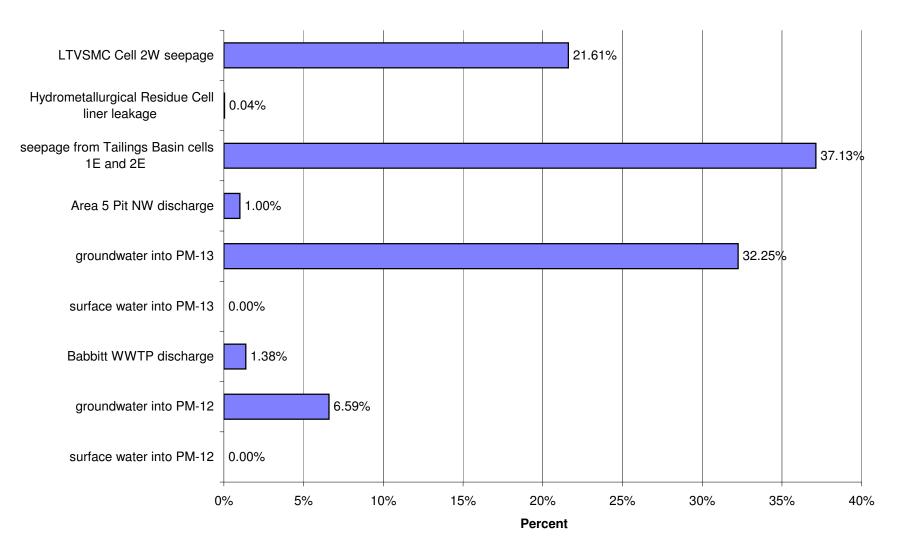
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Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Cobalt (Co)

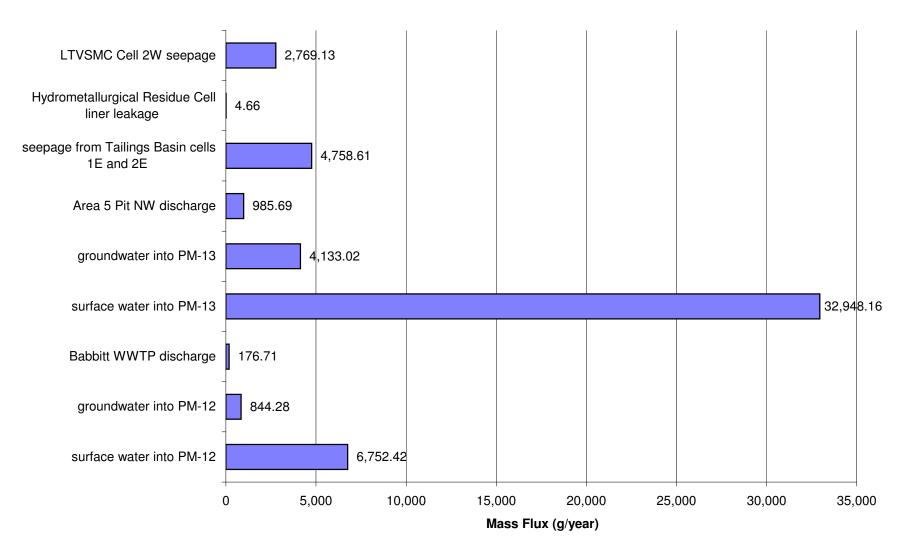


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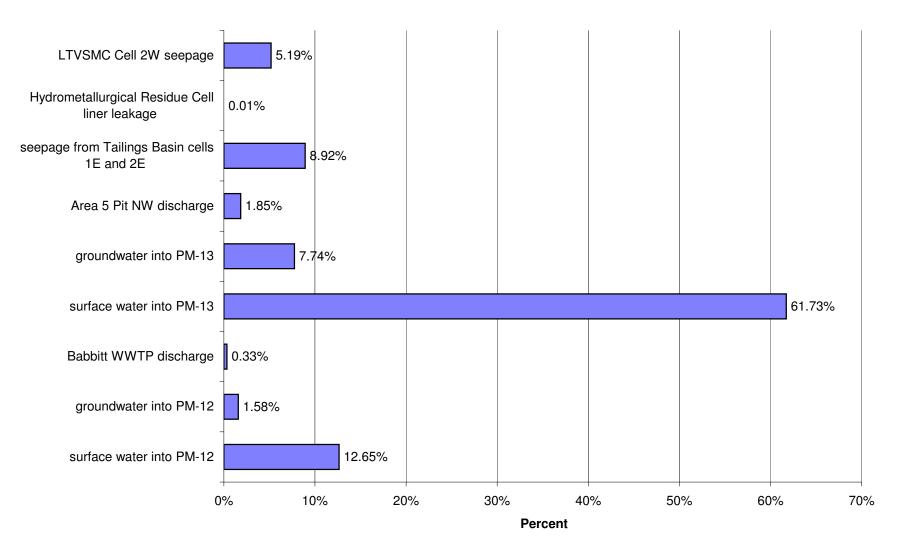
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for Low Flow for Cobalt (Co)



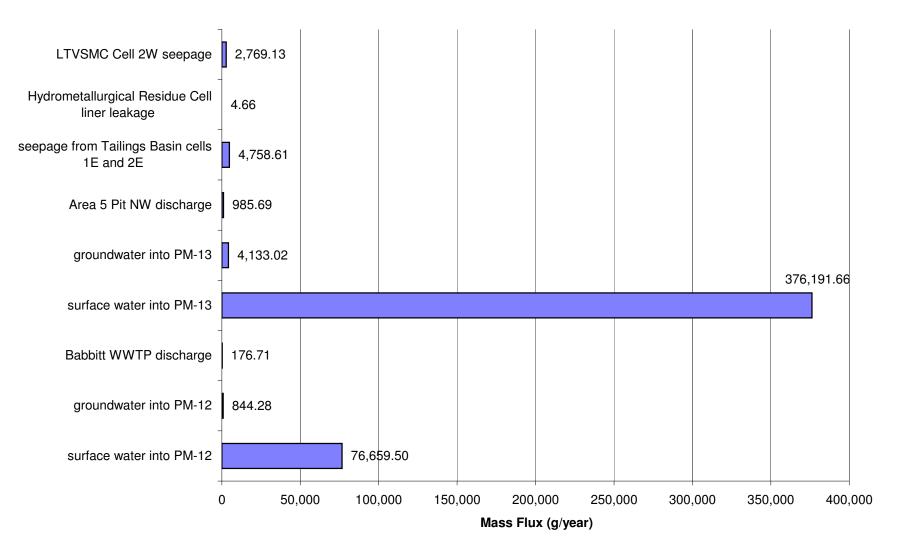
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Cobalt (Co)



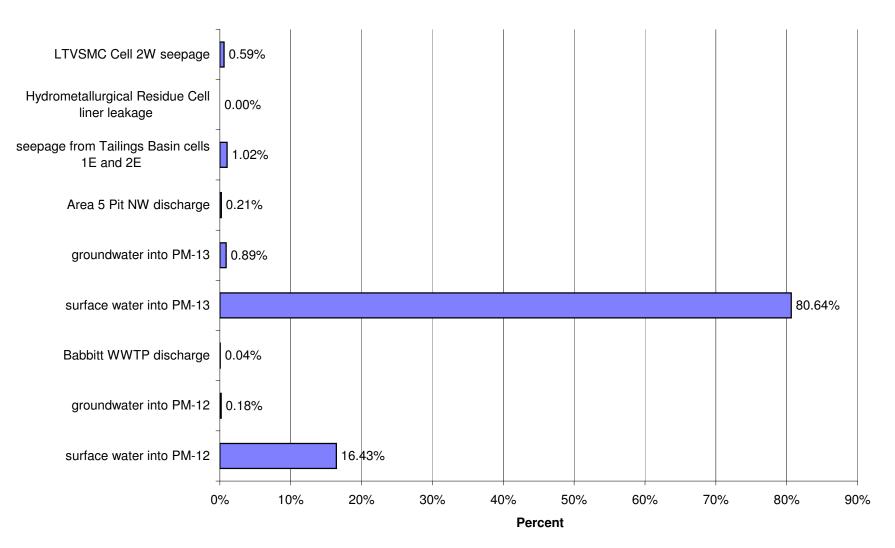
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for Average Flow for Cobalt (Co)



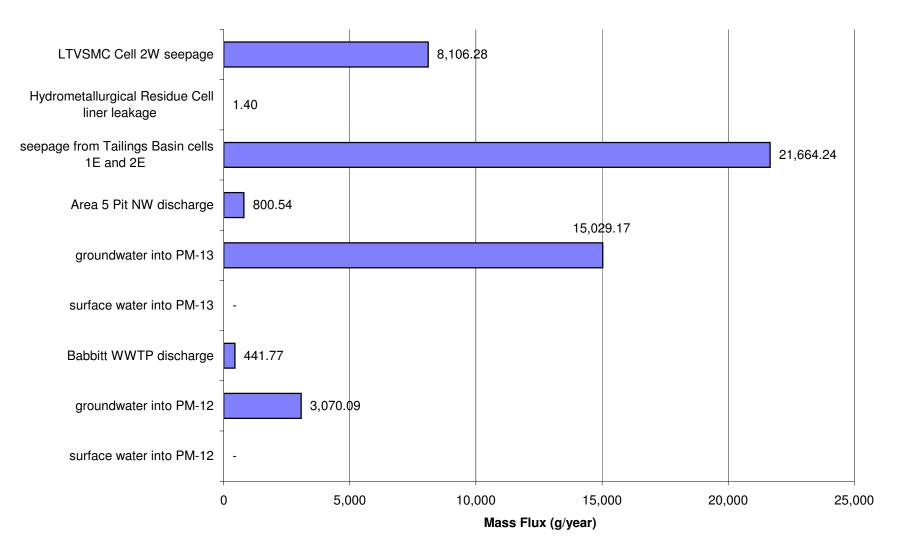
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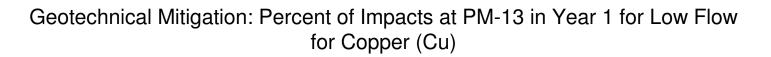


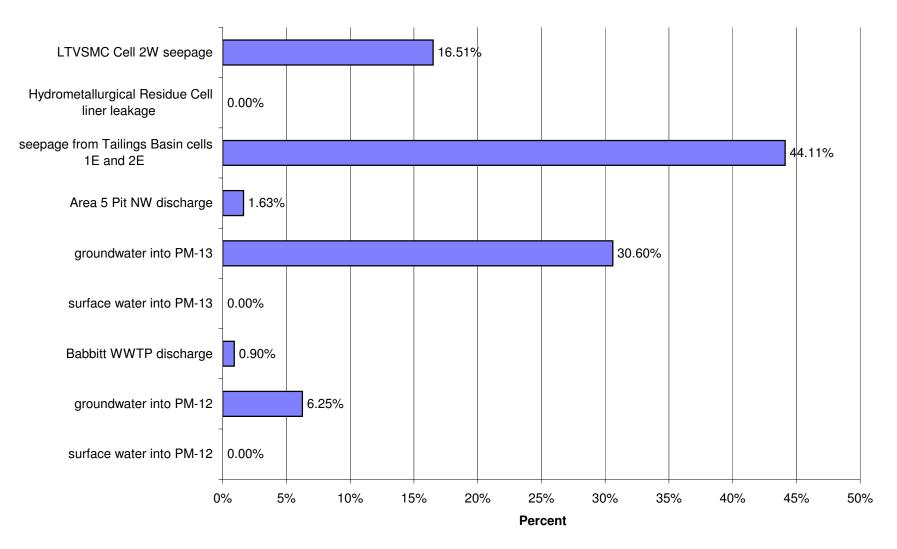
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for High Flow for Cobalt (Co)



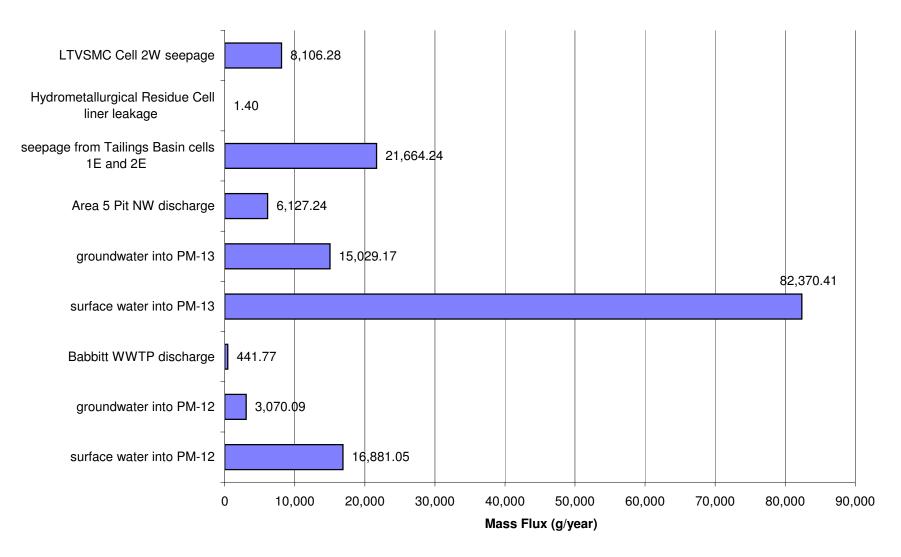
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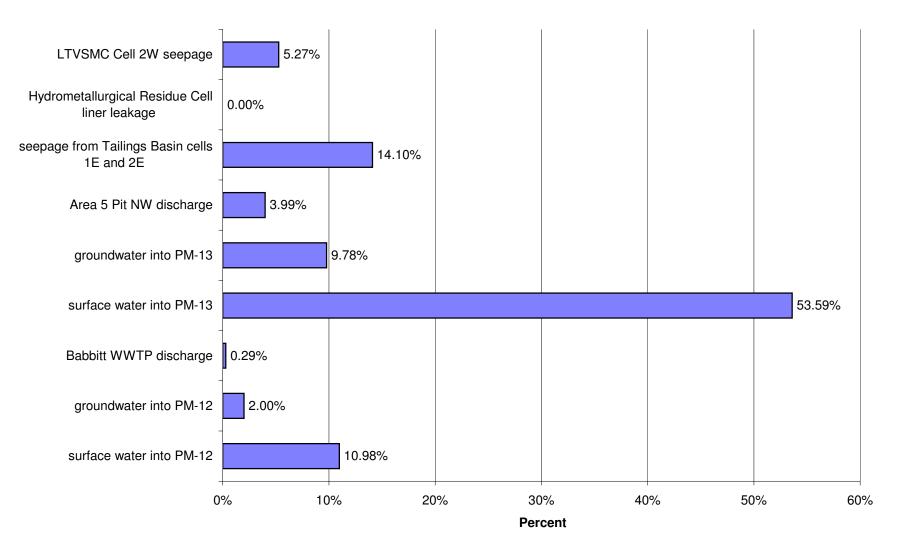




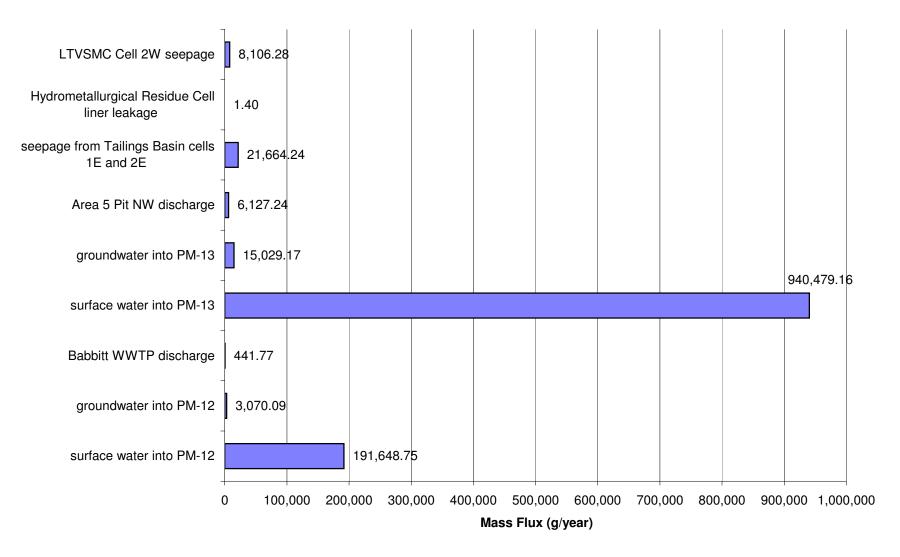
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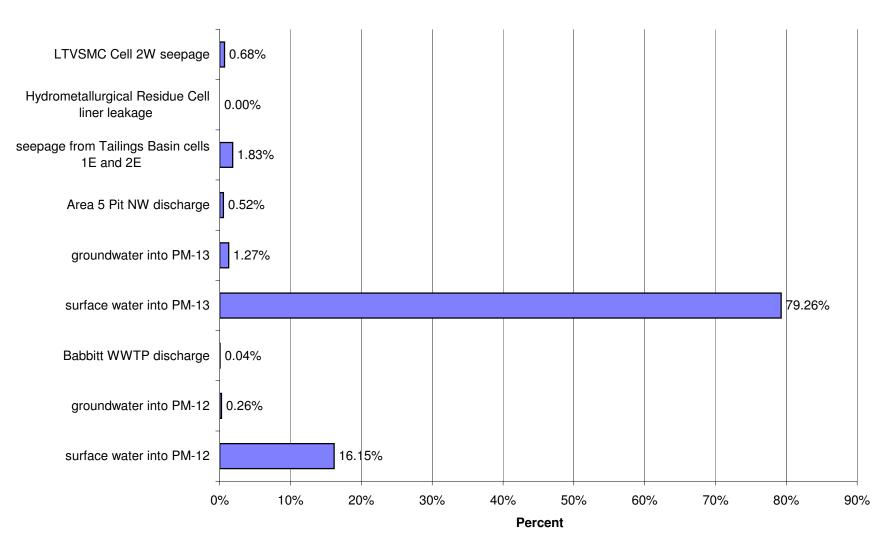
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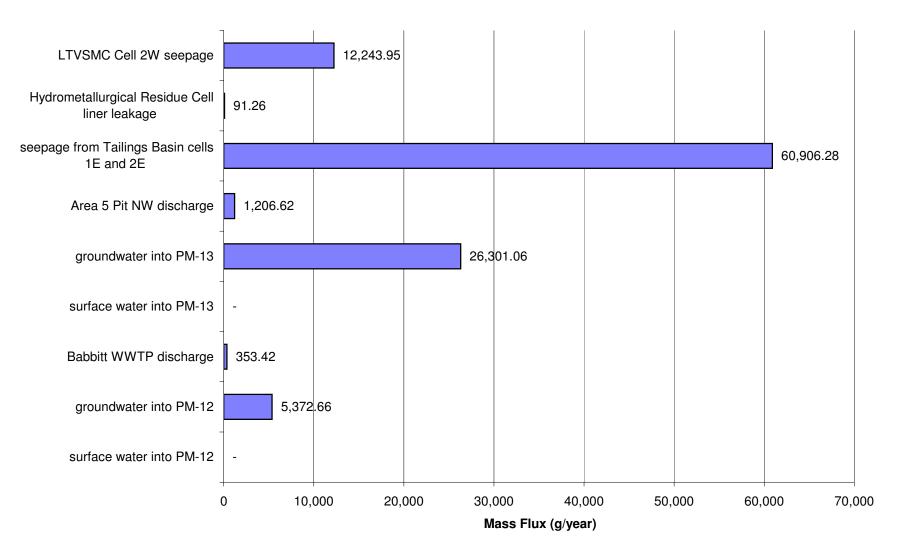
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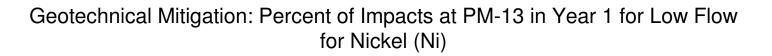


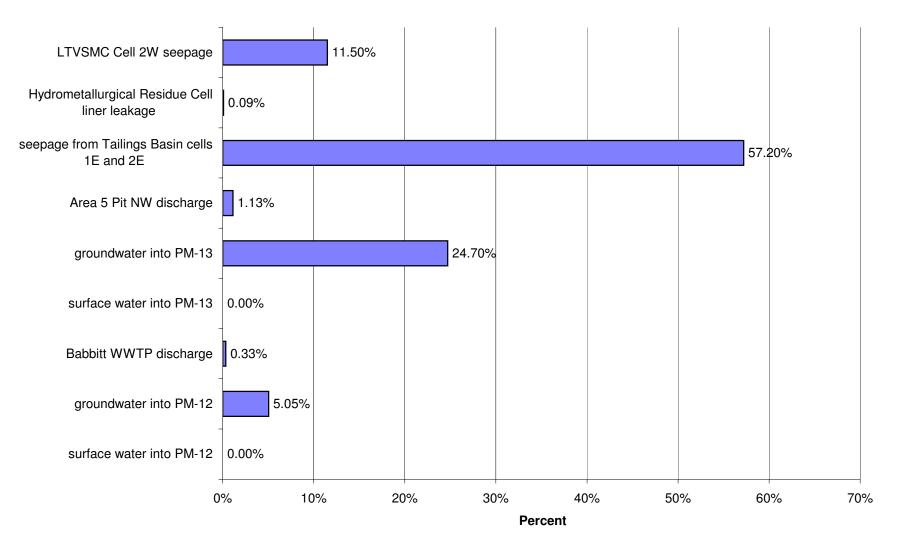
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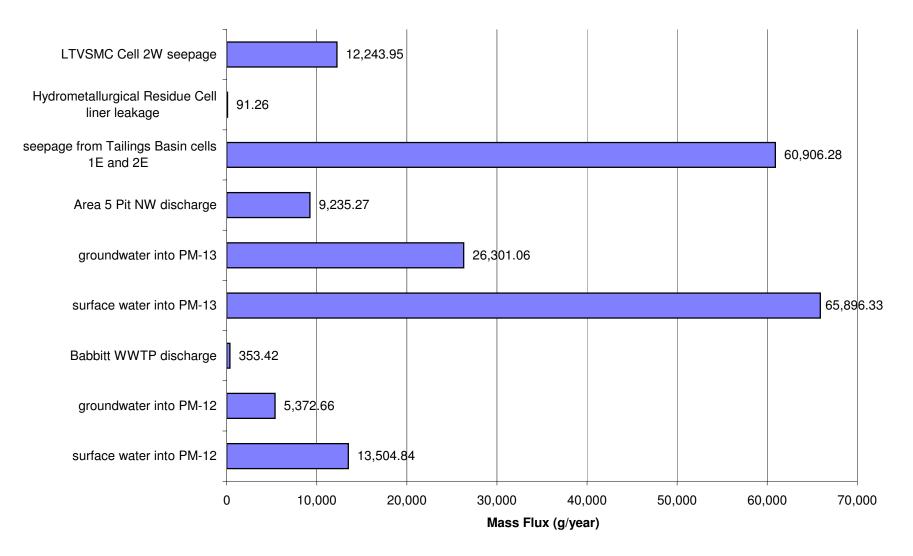
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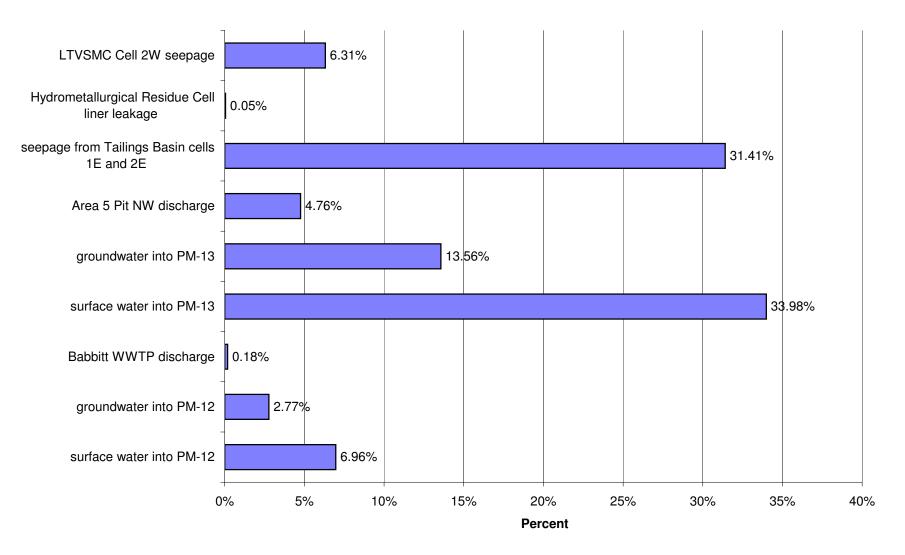




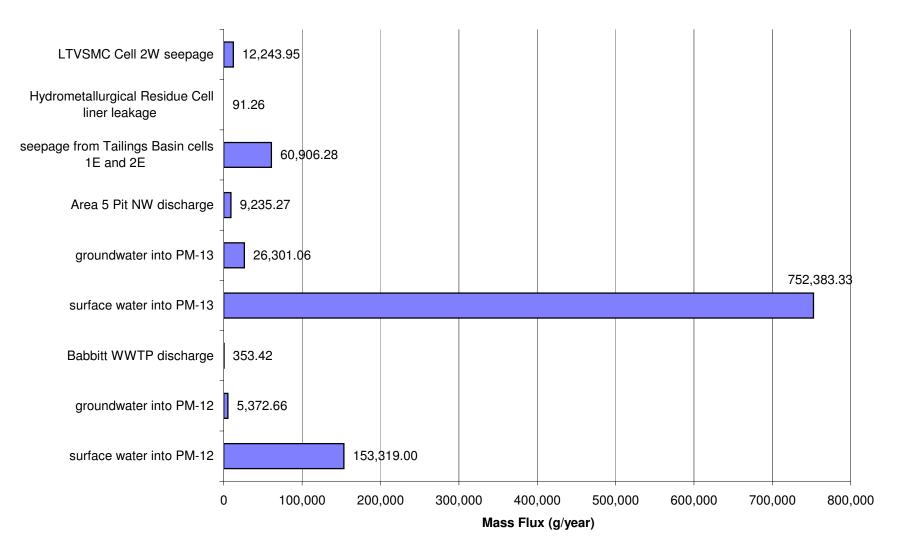
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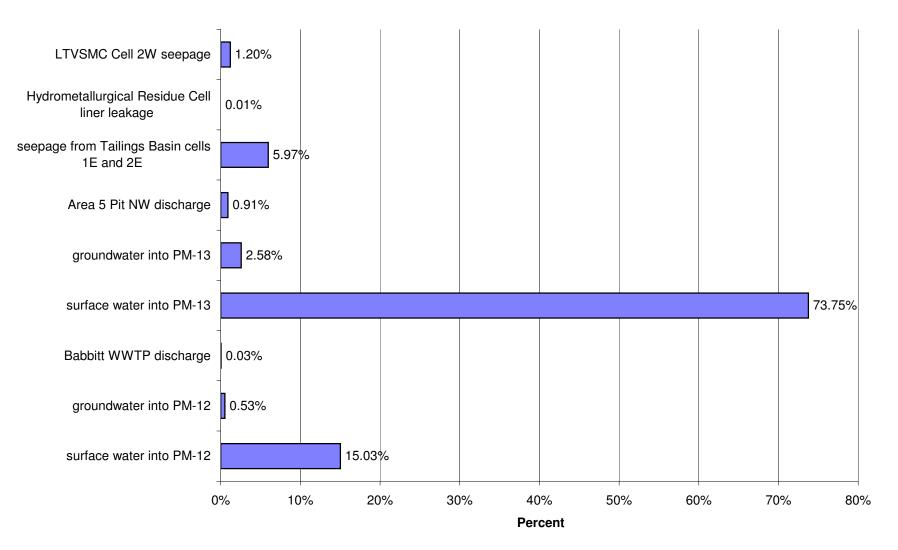
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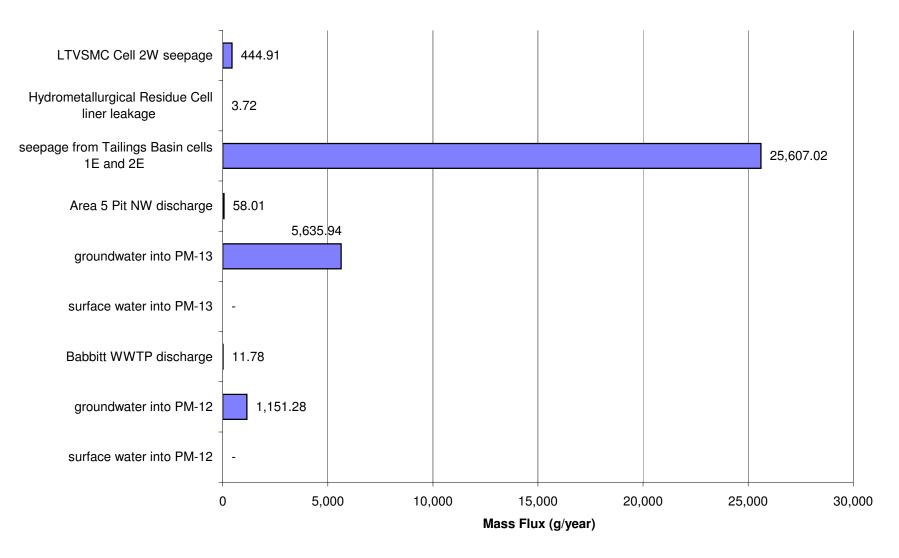
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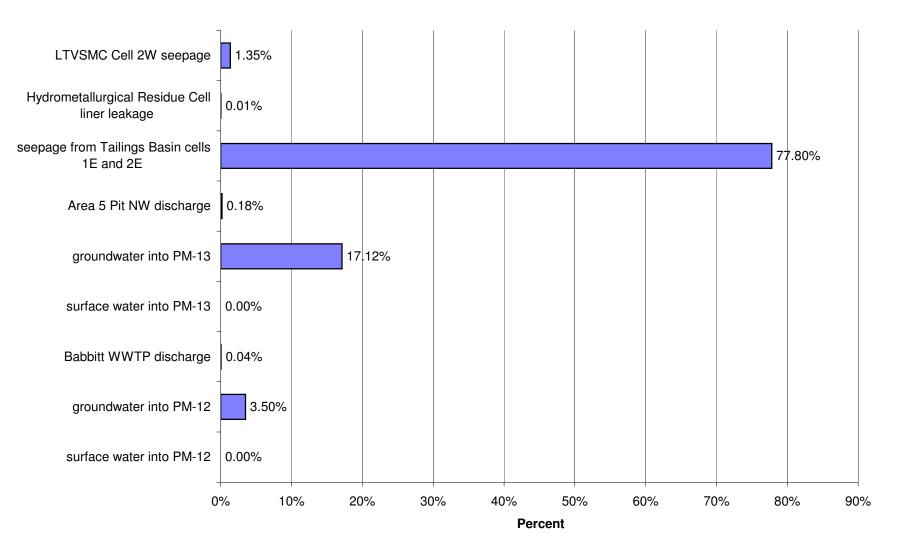
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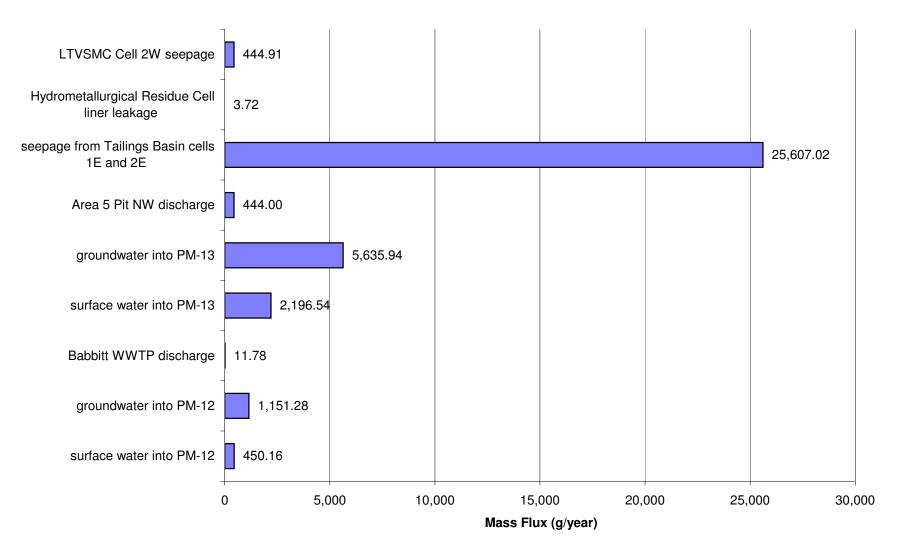
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Low Flow for Antimony (Sb)



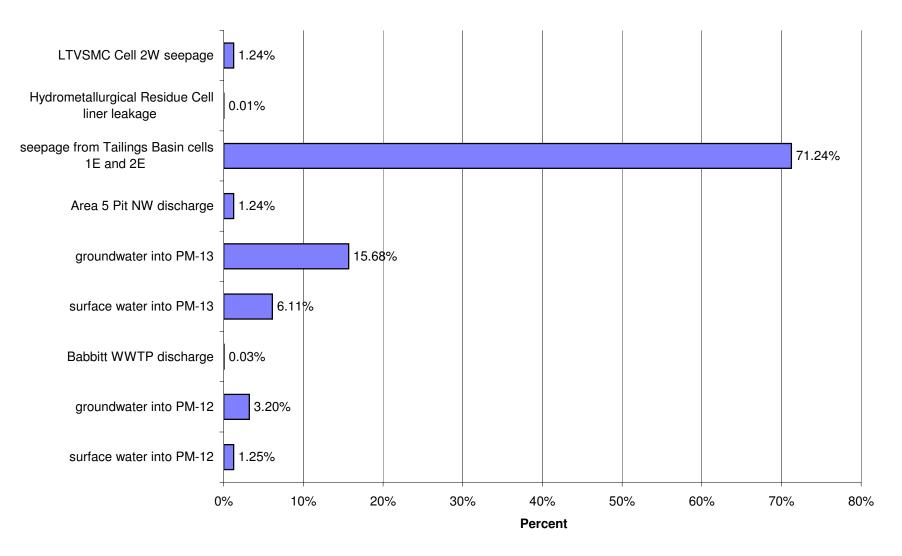
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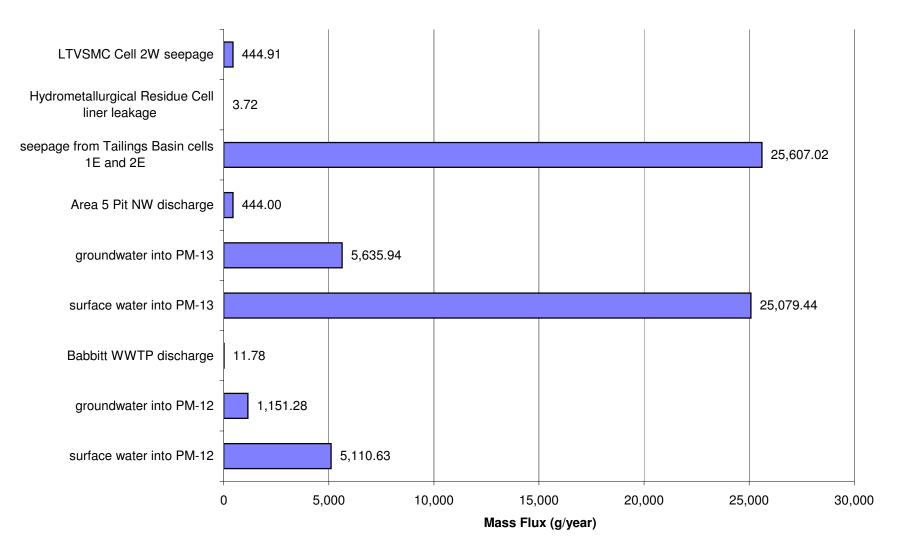
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 1 for Average Flow for Antimony (Sb)



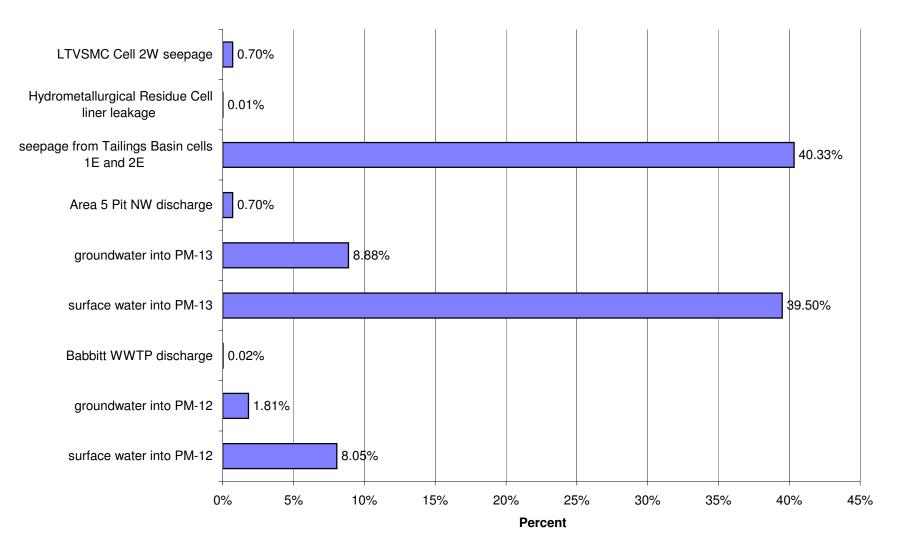
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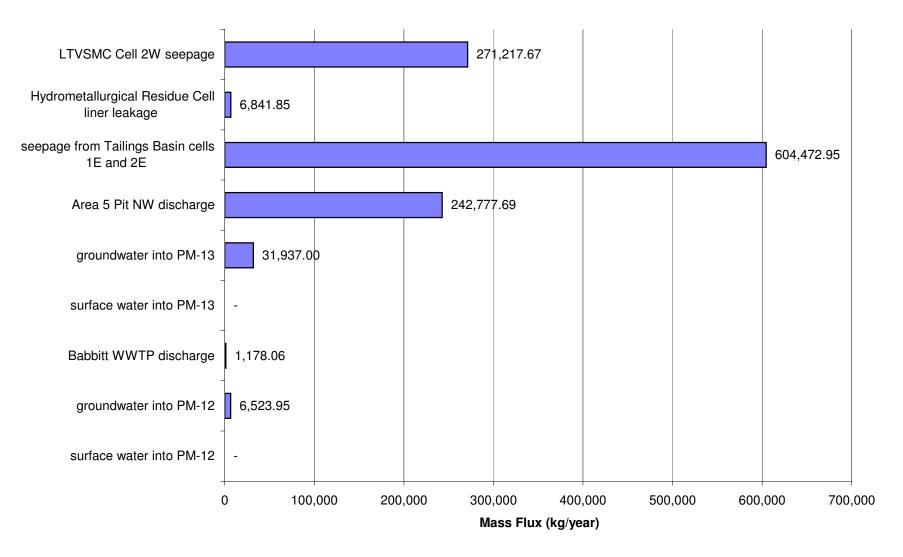
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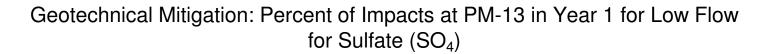
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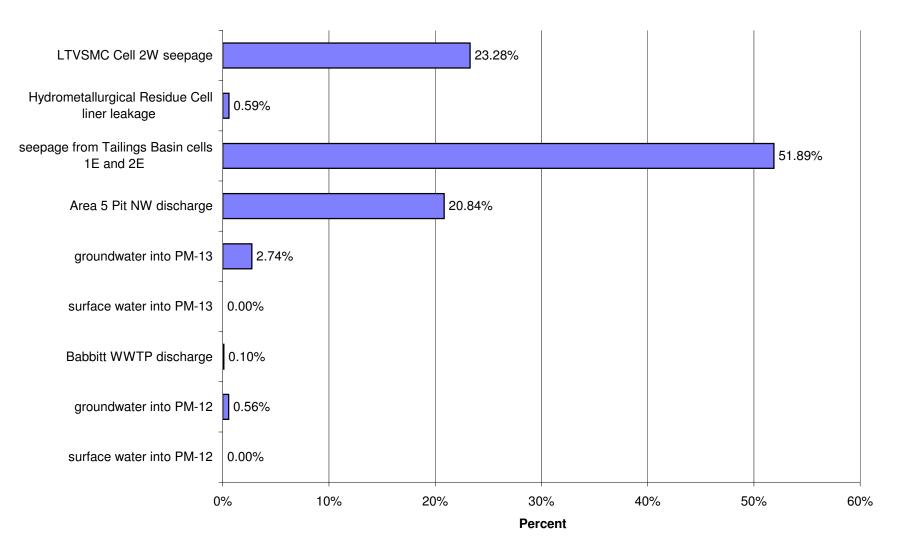


Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for Low Flow for Sulfate (SO₄)

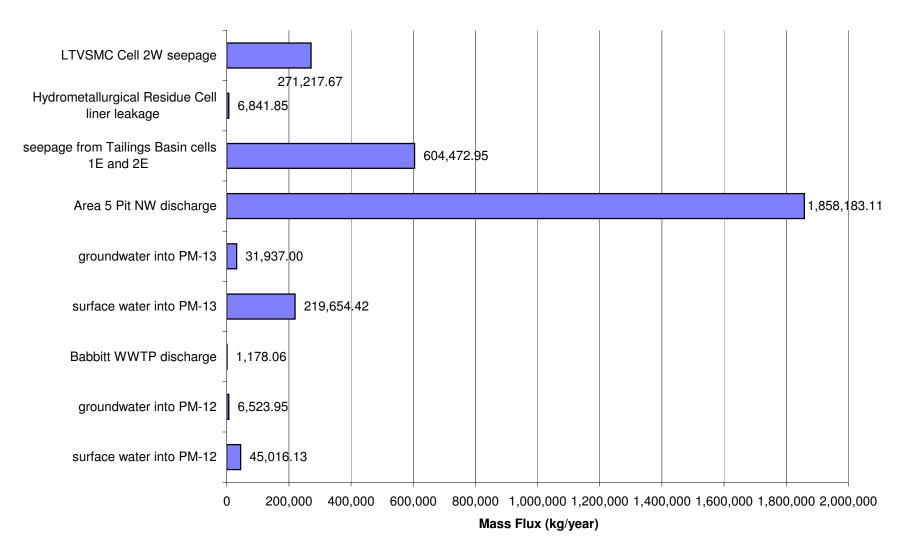


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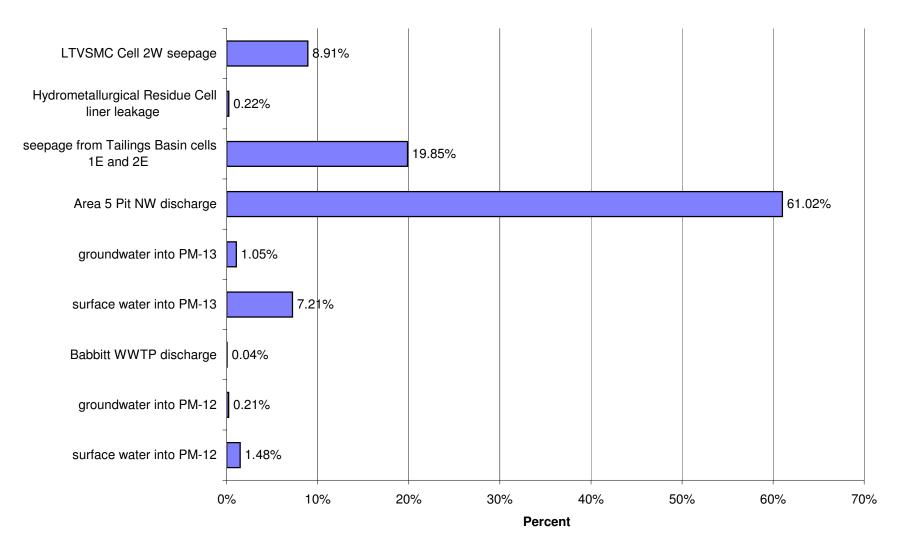




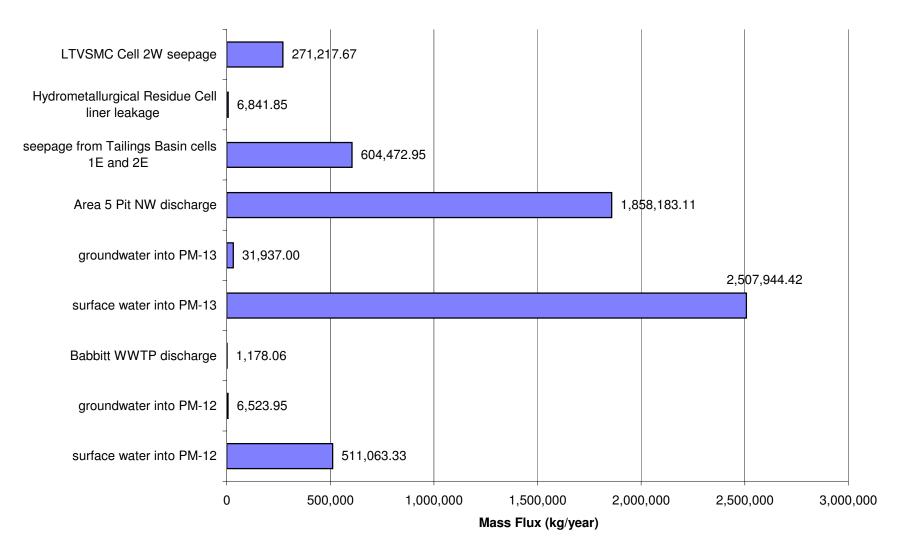
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for Average Flow for Sulfate (SO₄)



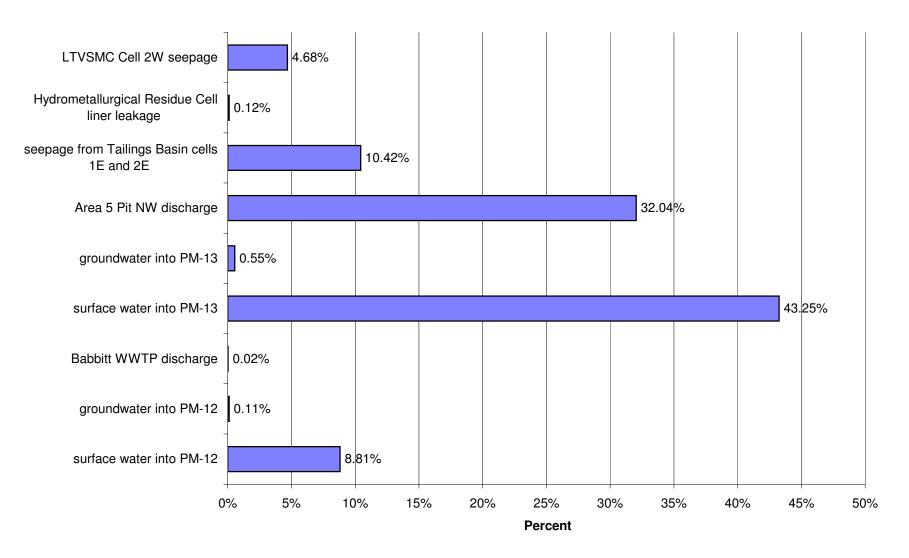




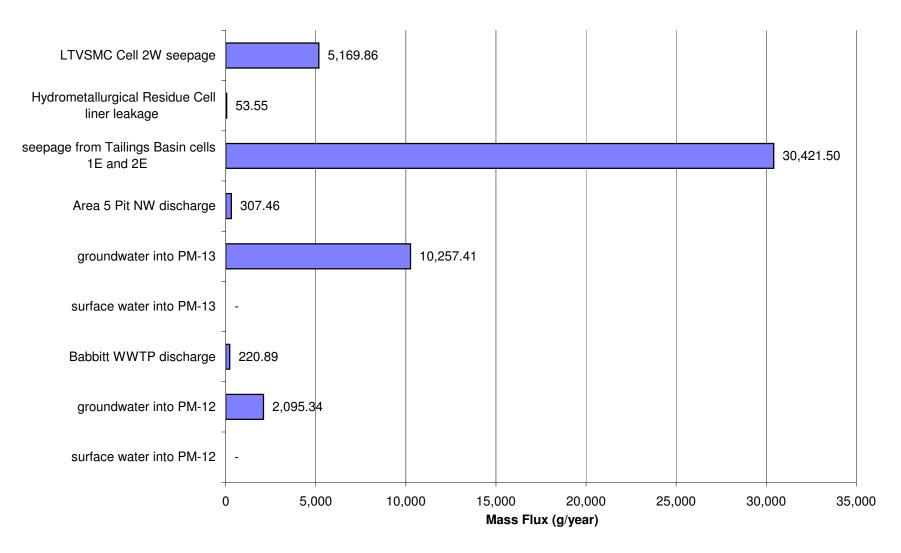
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 1 for High Flow for Sulfate (SO₄)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 1 for High Flow for Sulfate (SO₄)

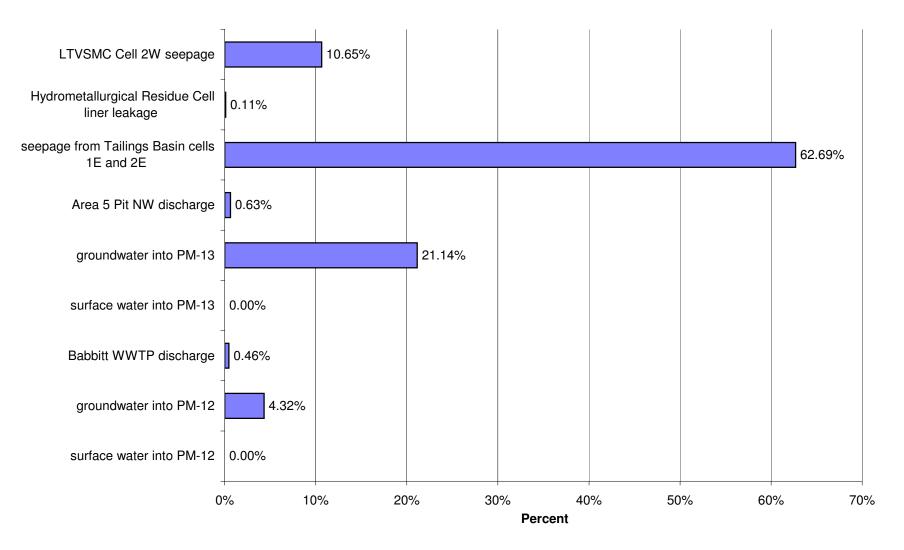


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Arsenic (As)

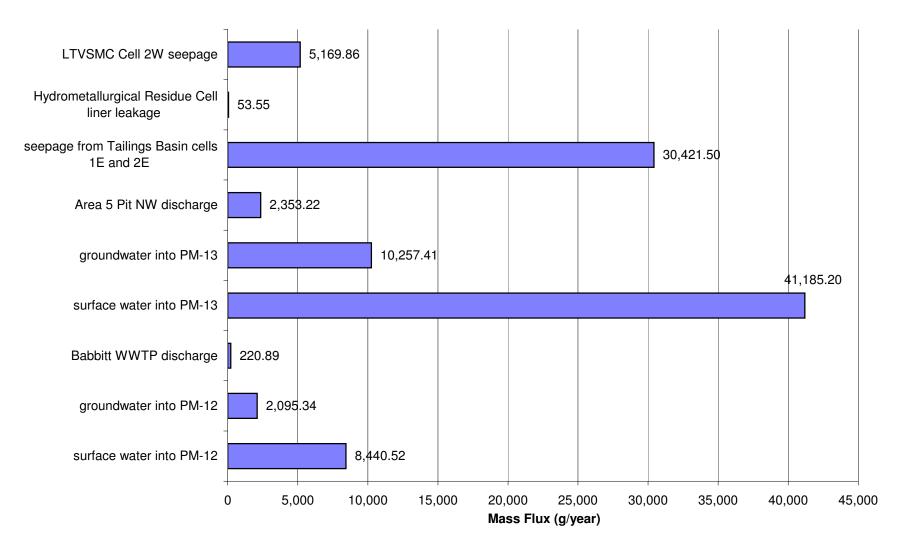


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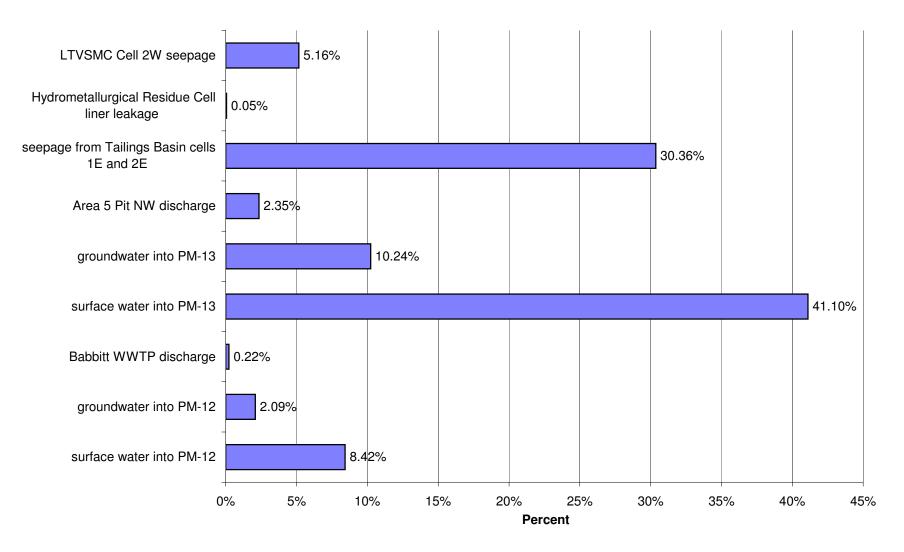
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for Low Flow for Arsenic (As)



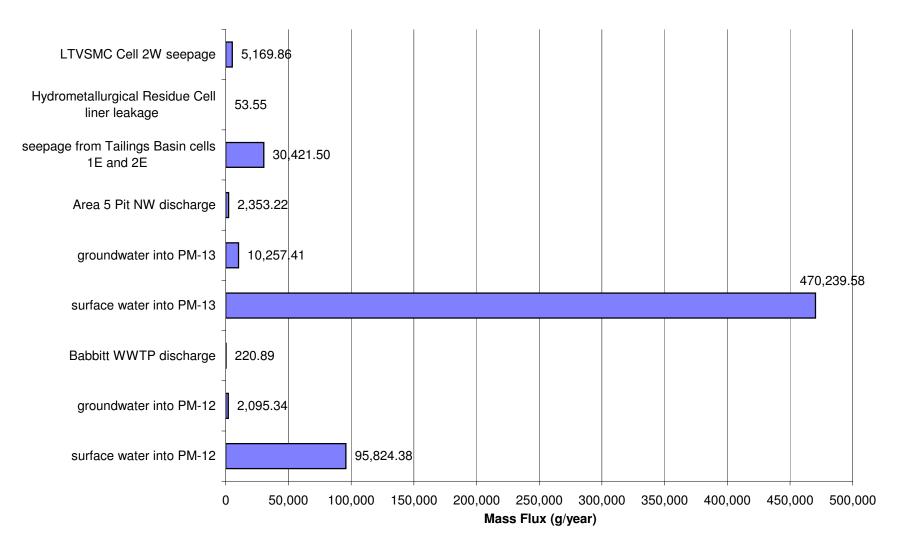
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Arsenic (As)



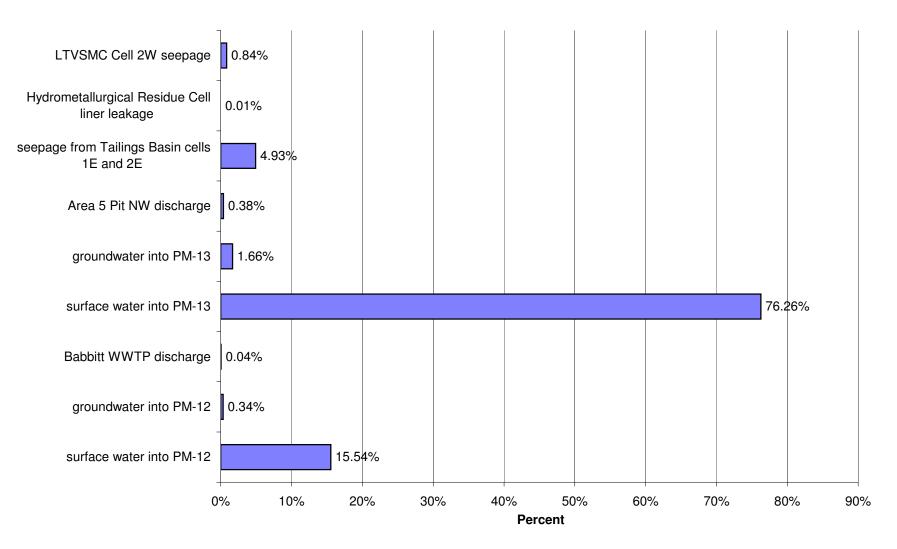
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for Average Flow for Arsenic (As)



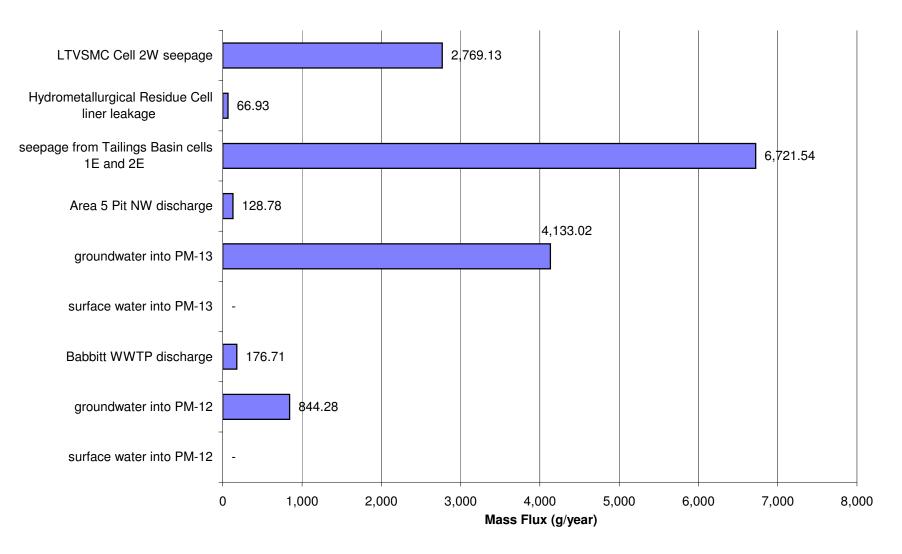
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Arsenic (As)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Arsenic (As)

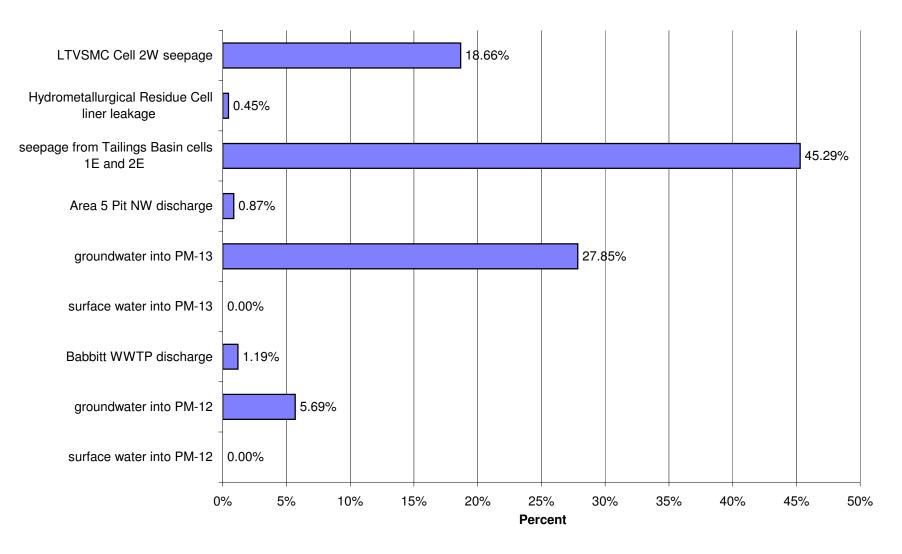


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Cobalt (Co)

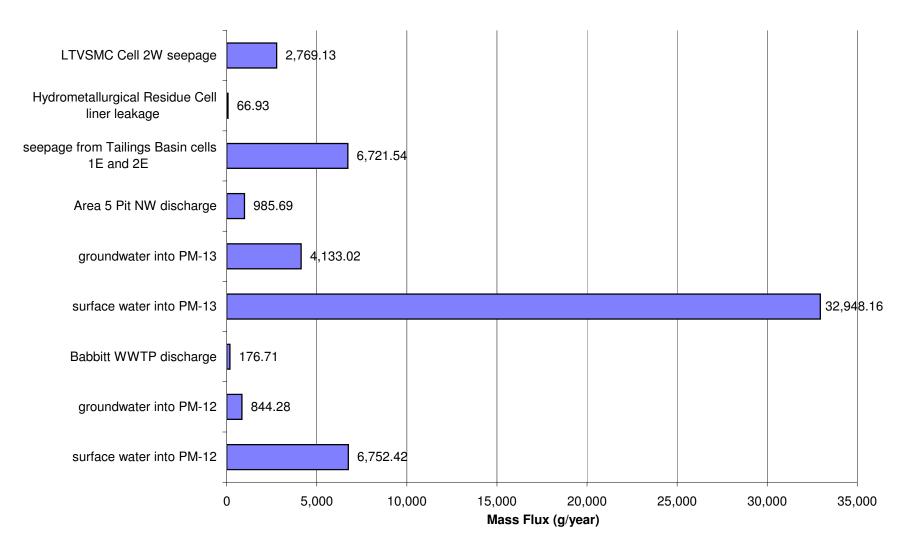


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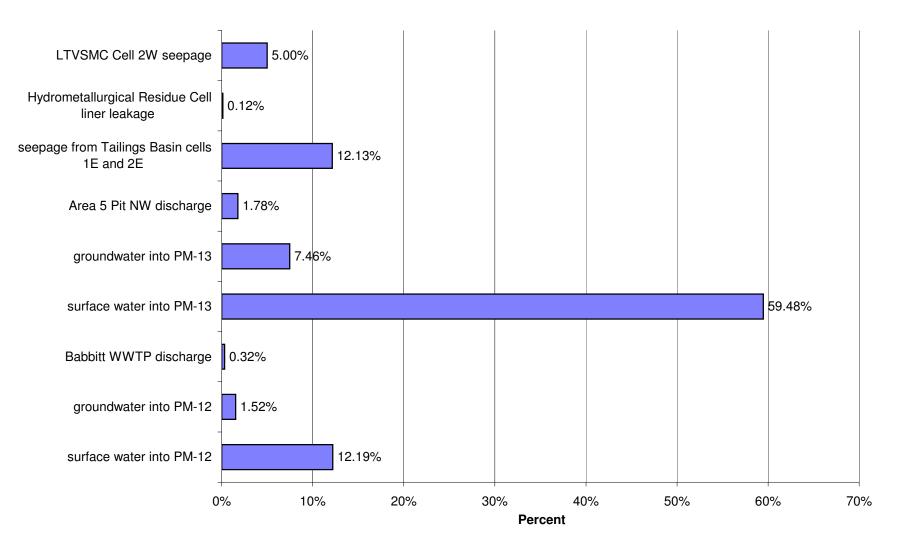
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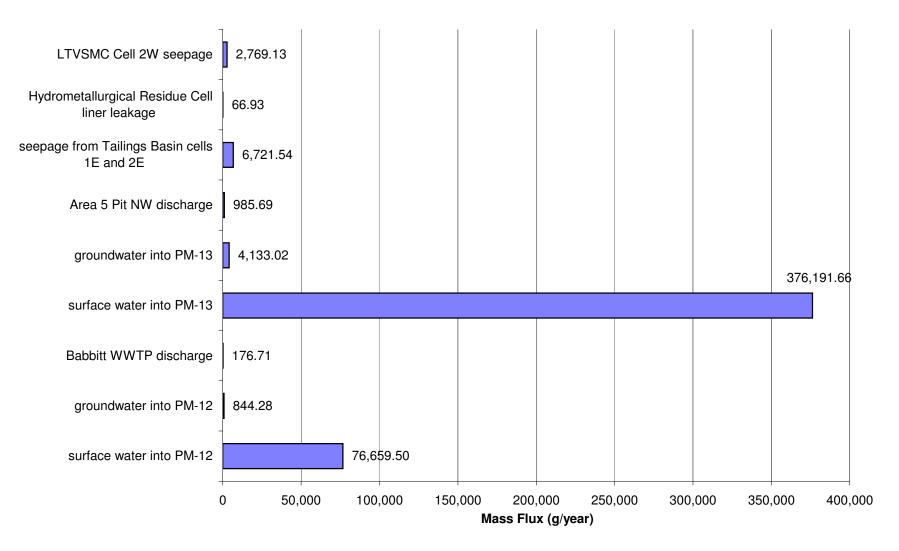
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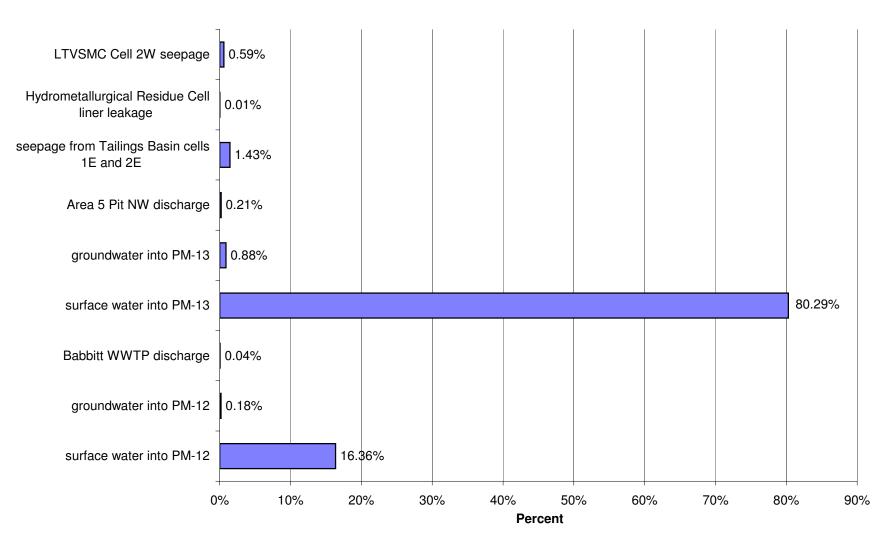
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for Average Flow for Cobalt (Co)



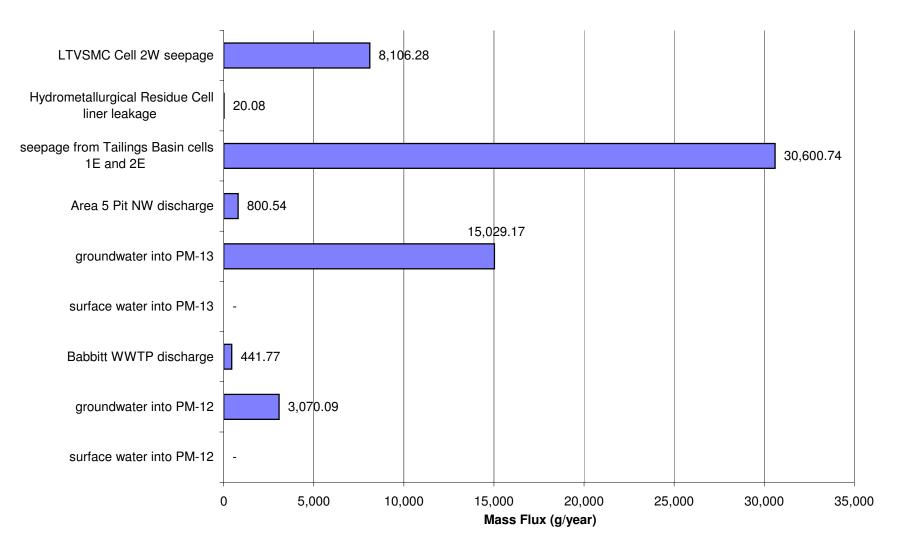
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Cobalt (Co)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Cobalt (Co)

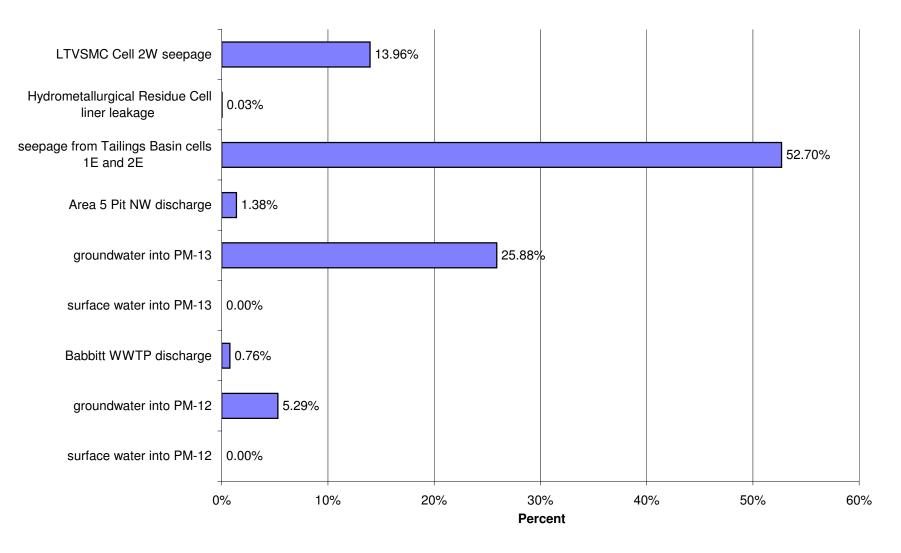


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Copper (Cu)

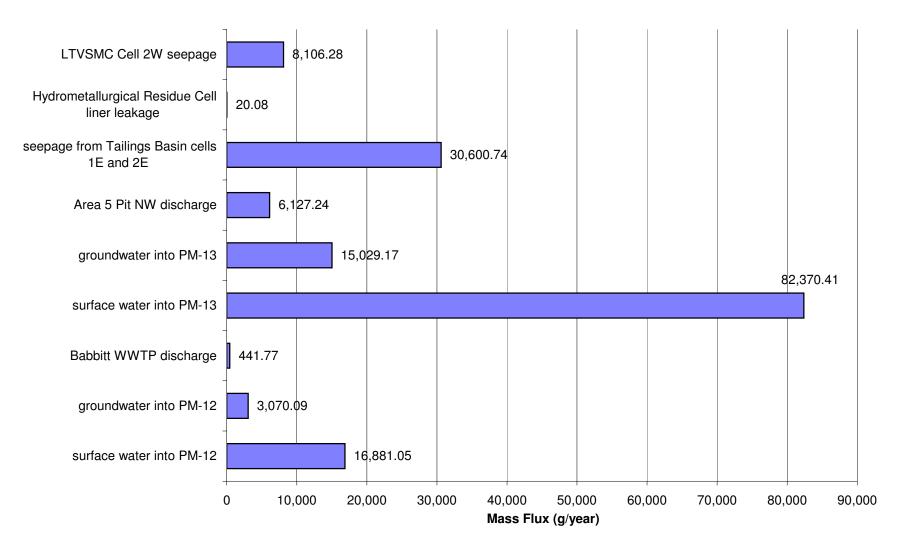


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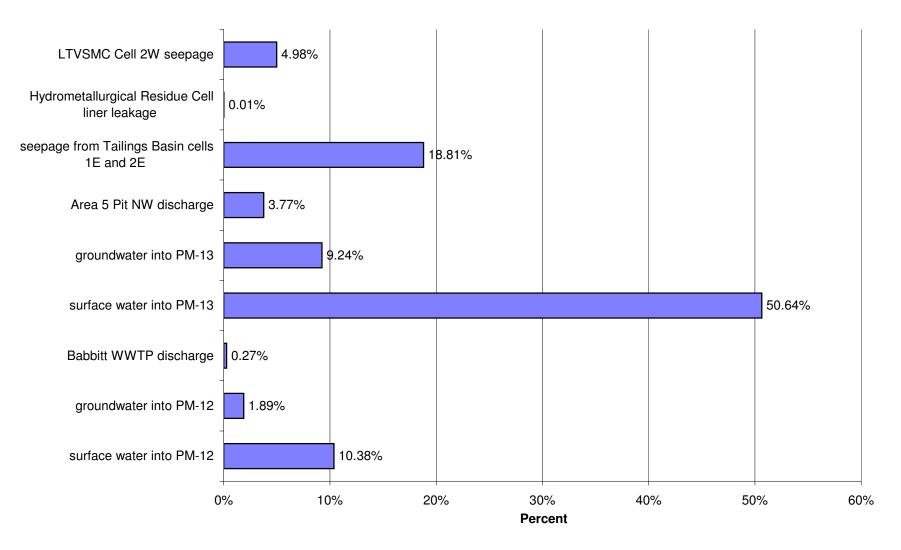
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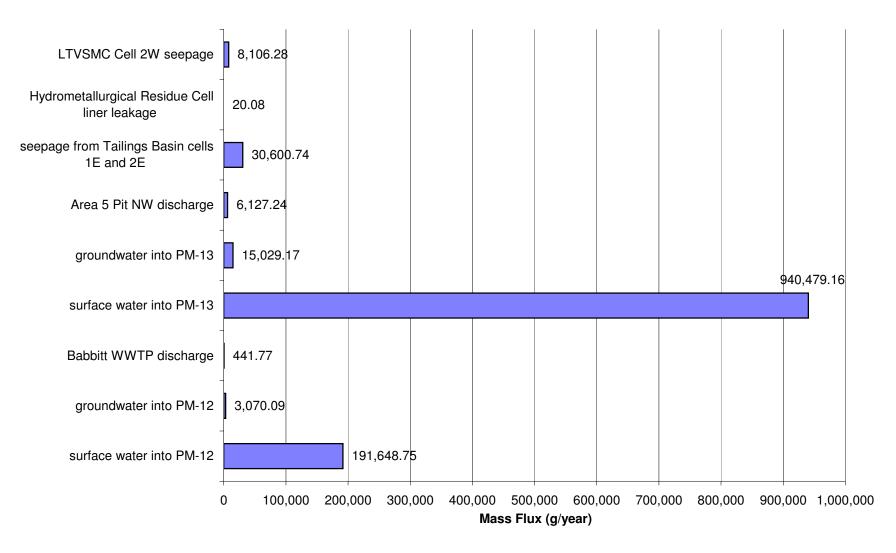
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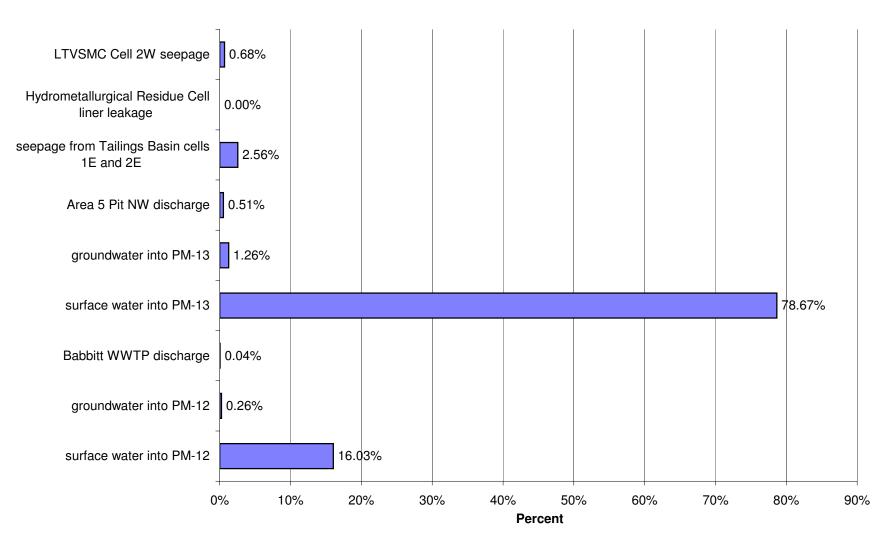
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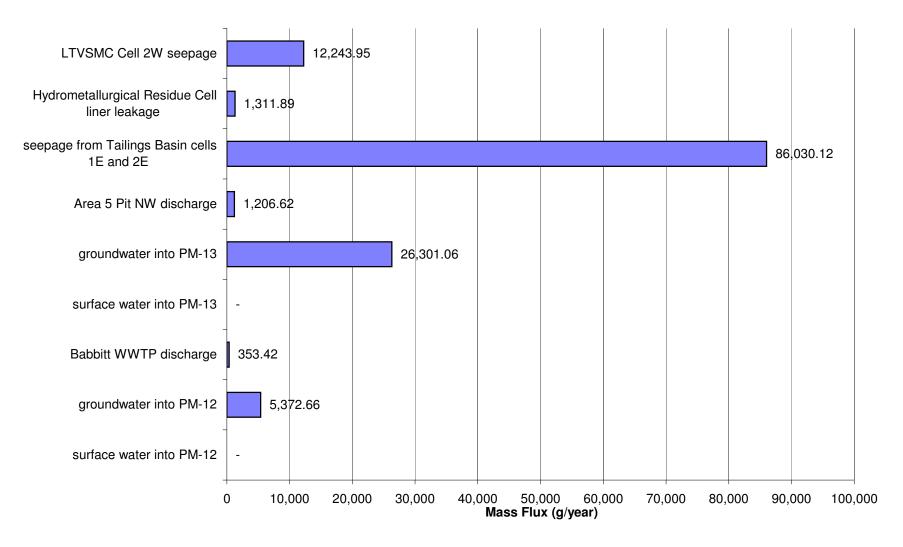
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for High Flow for Copper (Cu)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Copper (Cu)

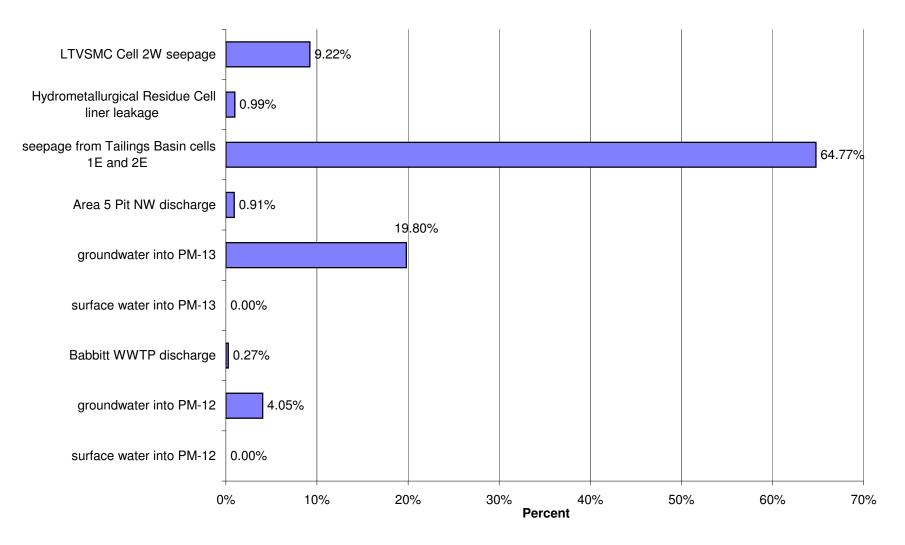


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Nickel (Ni)

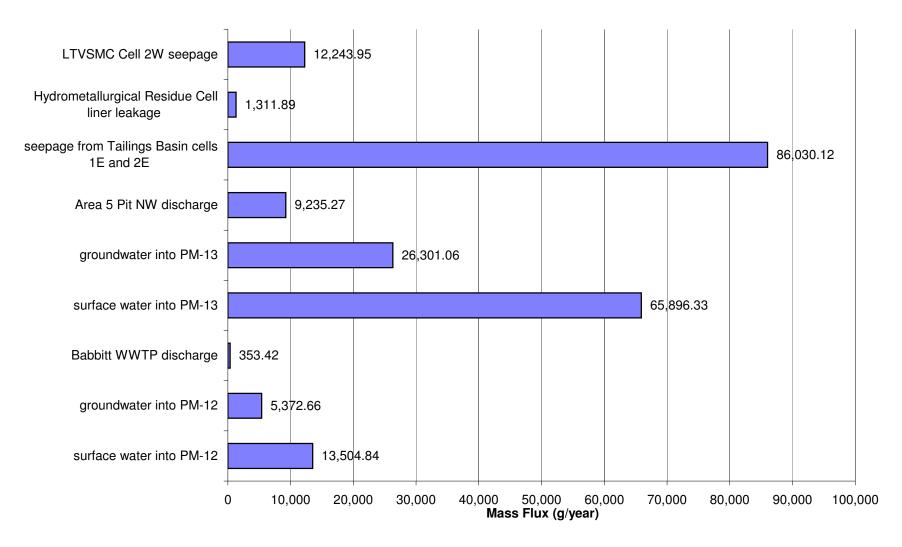


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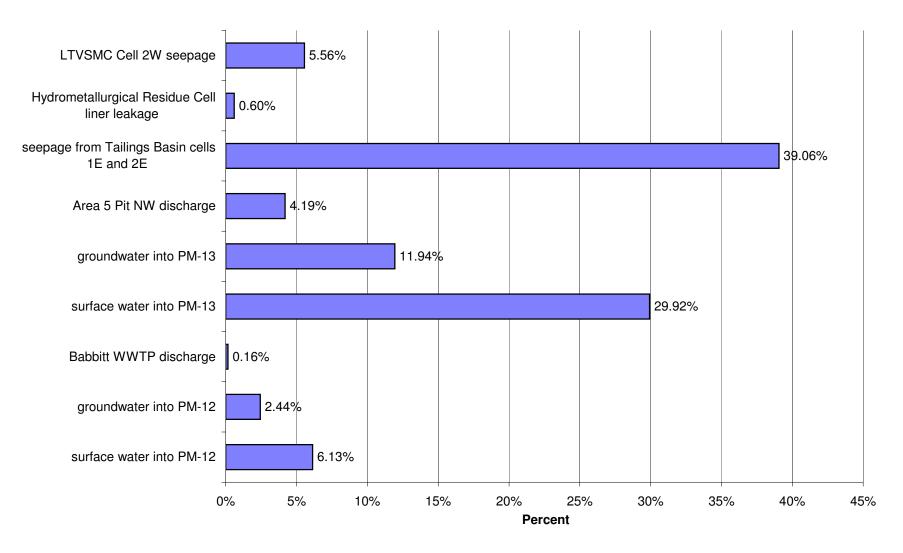
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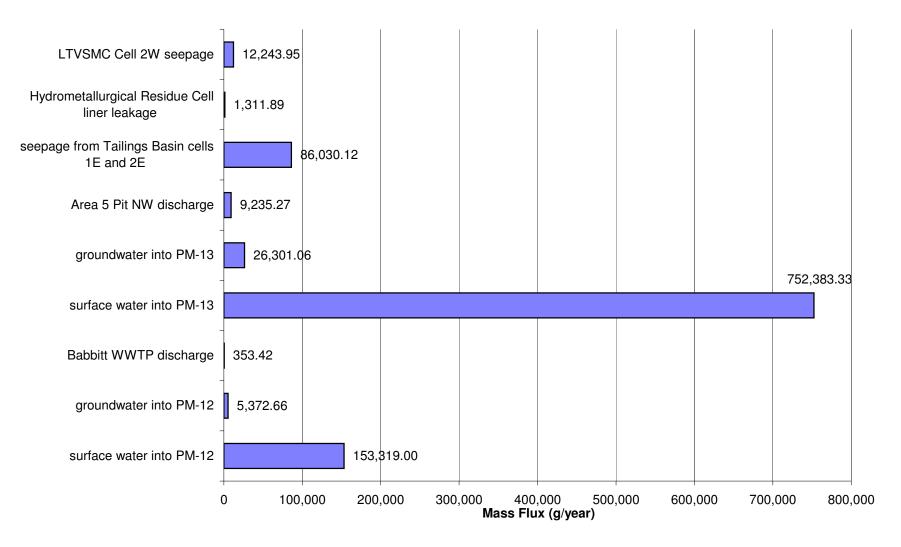
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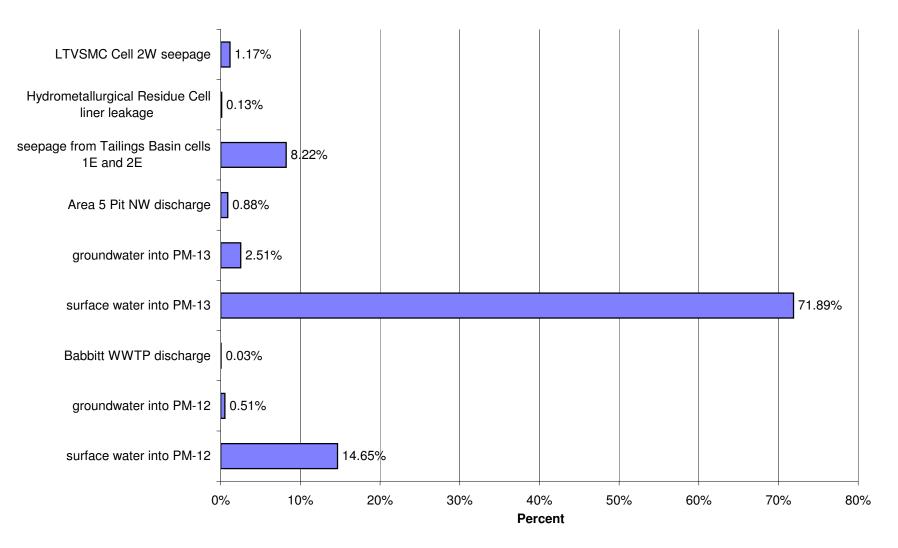
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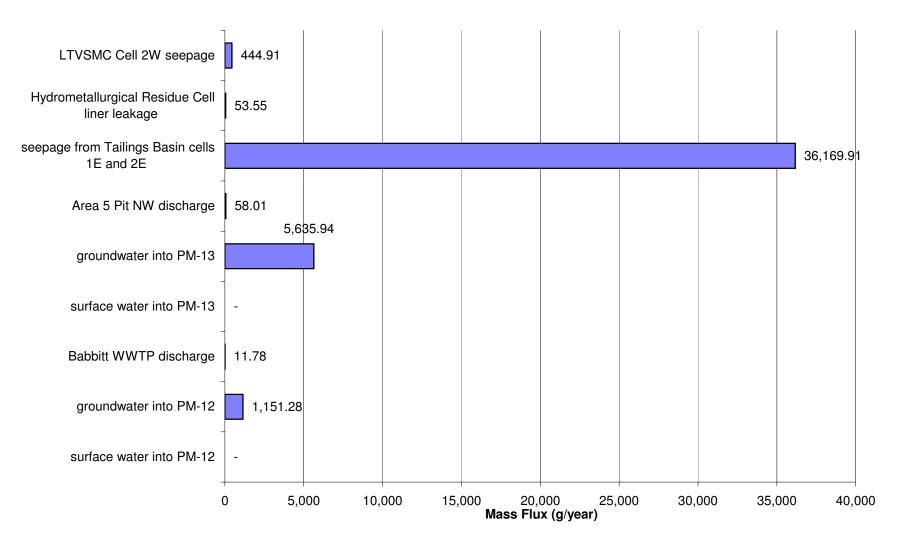
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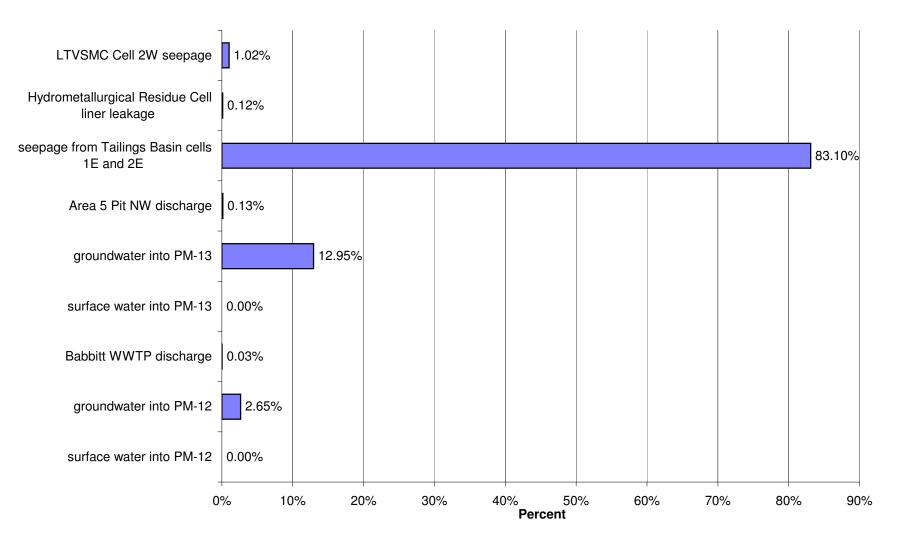
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Nickel (Ni)



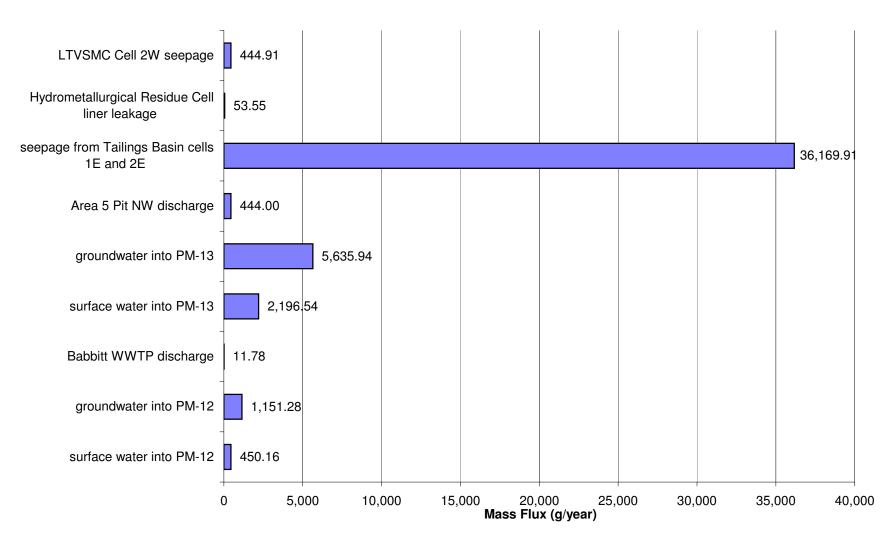
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Low Flow for Antimony (Sb)



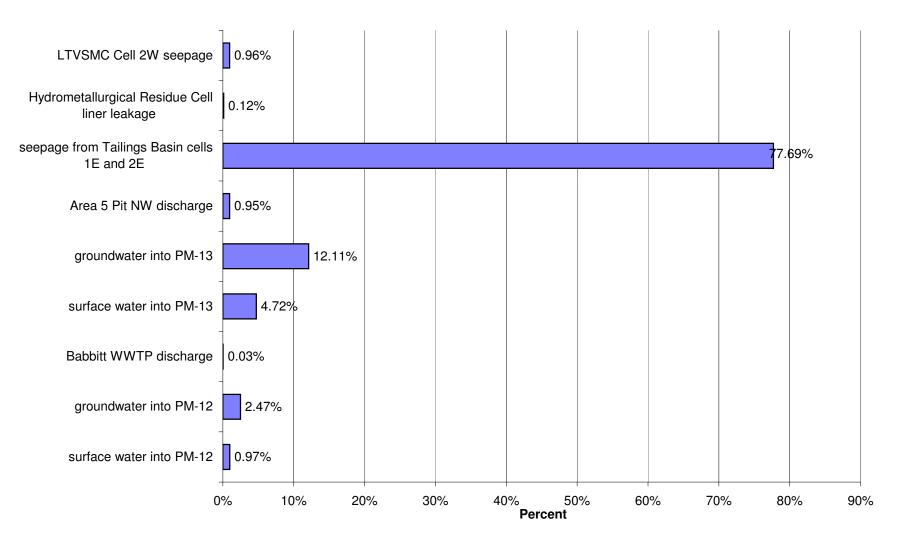
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for Low Flow for Antimony (Sb)



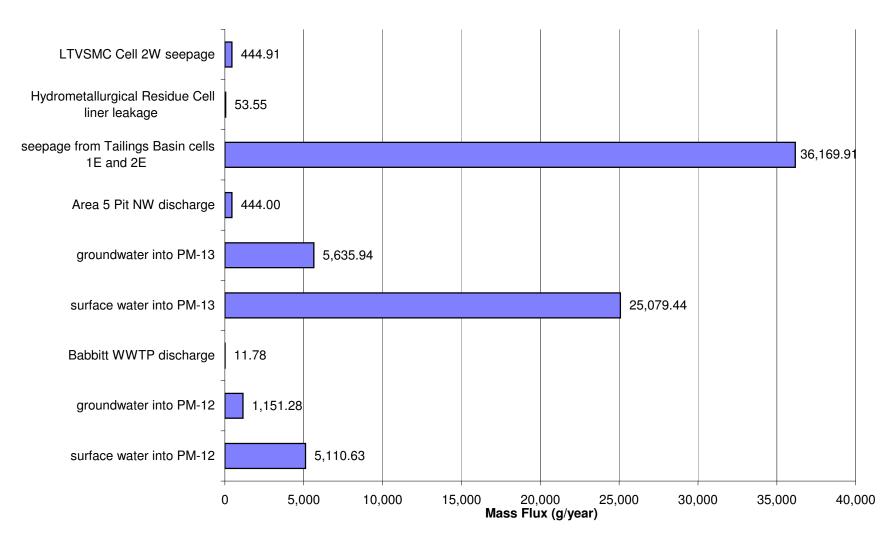
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 5 for Average Flow for Antimony (Sb)



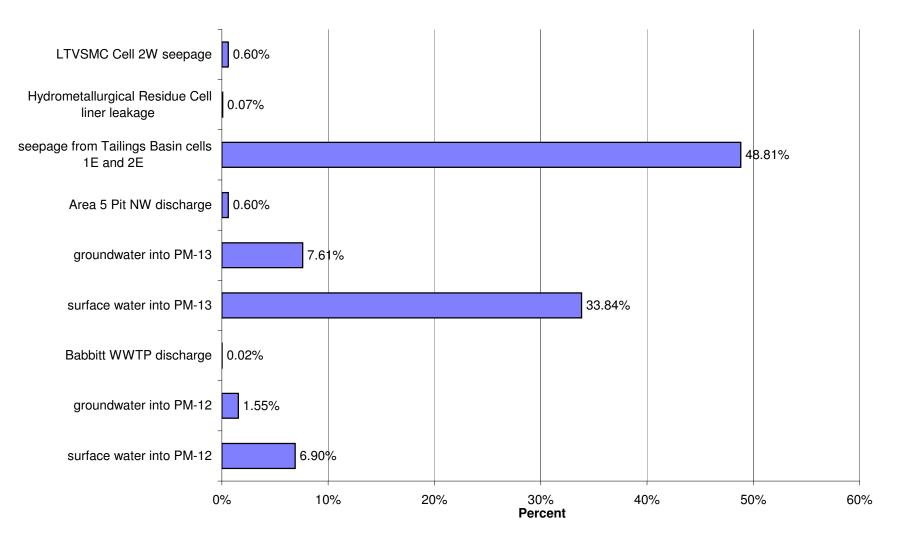
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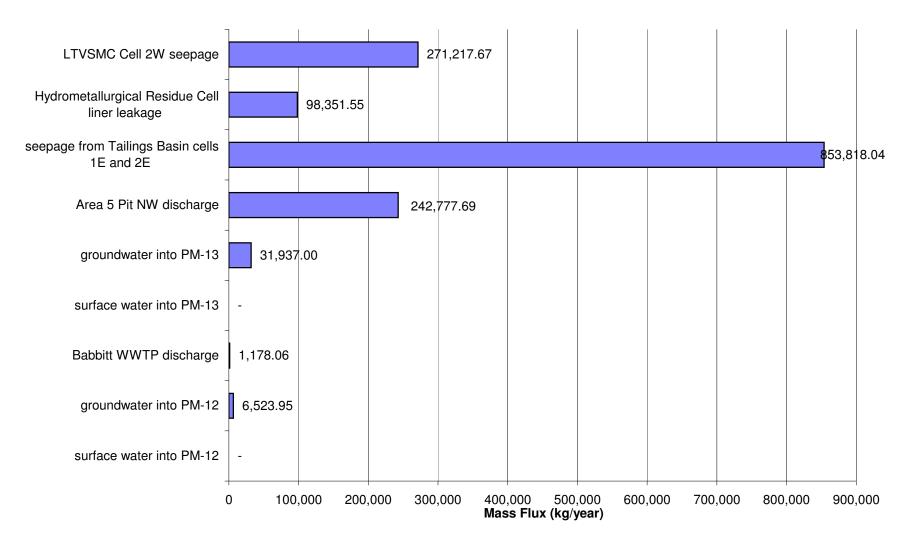
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Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Antimony (Sb)

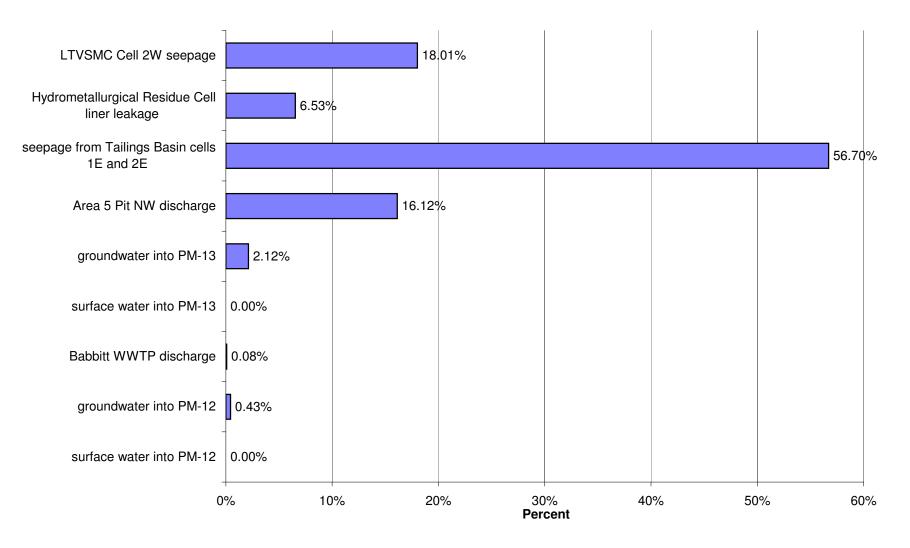


Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 5 for Low Flow for Sulfate (SO₄)

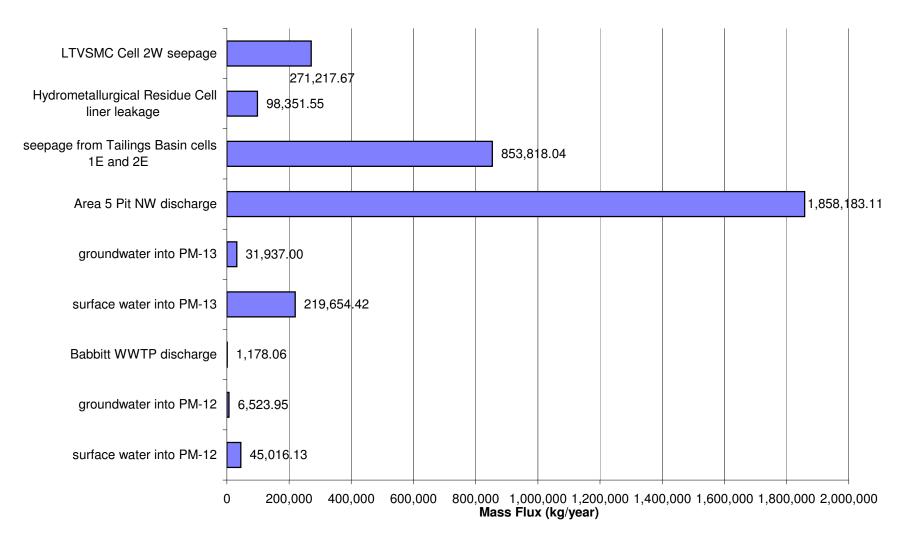


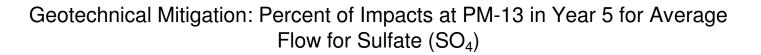
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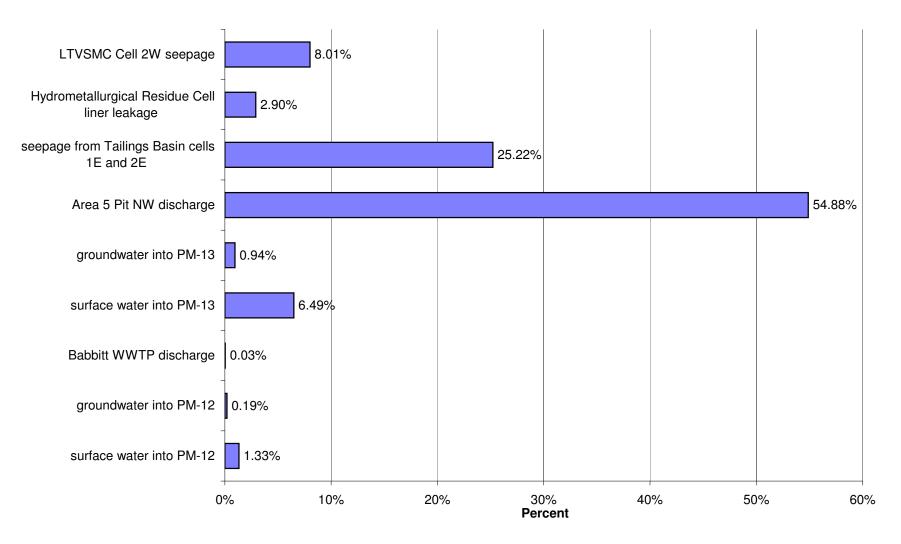
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for Low Flow for Sulfate (SO₄)



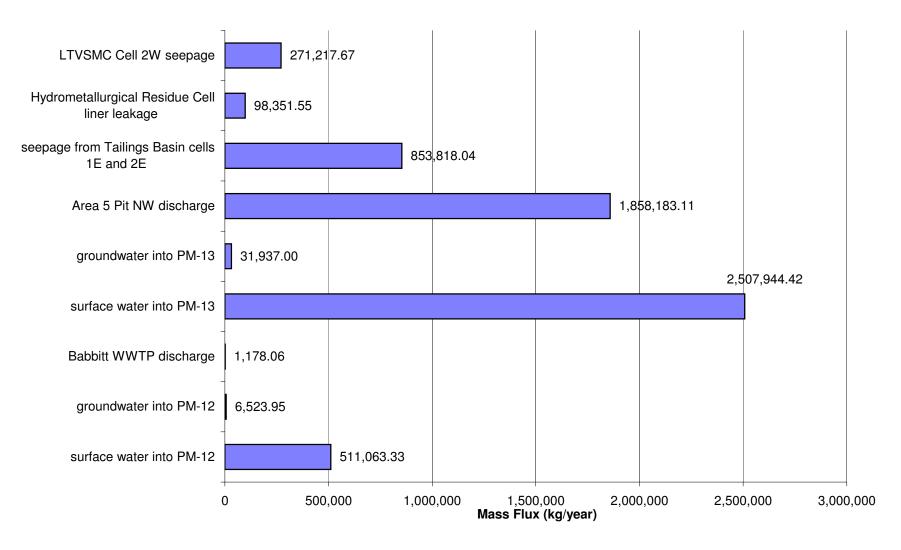
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 5 for Average Flow for Sulfate (SO₄)



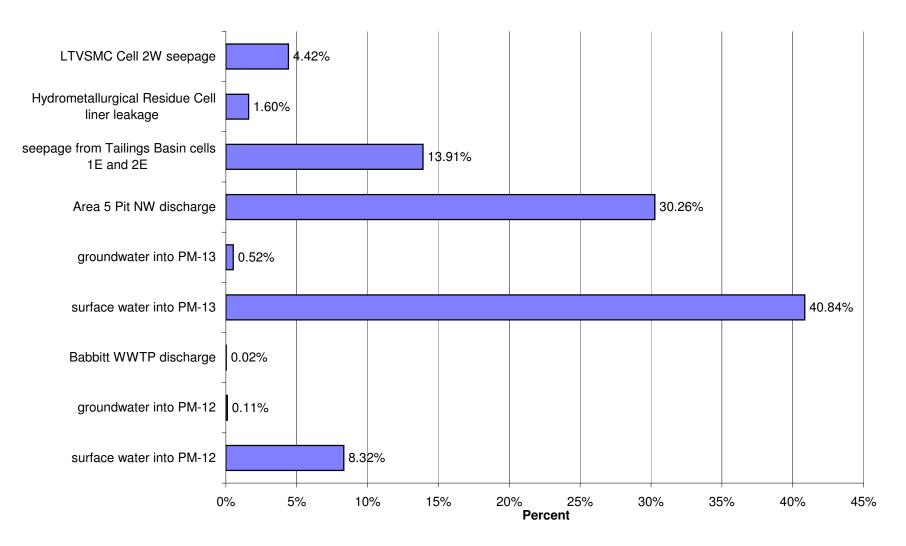




Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 5 for High Flow for Sulfate (SO₄)

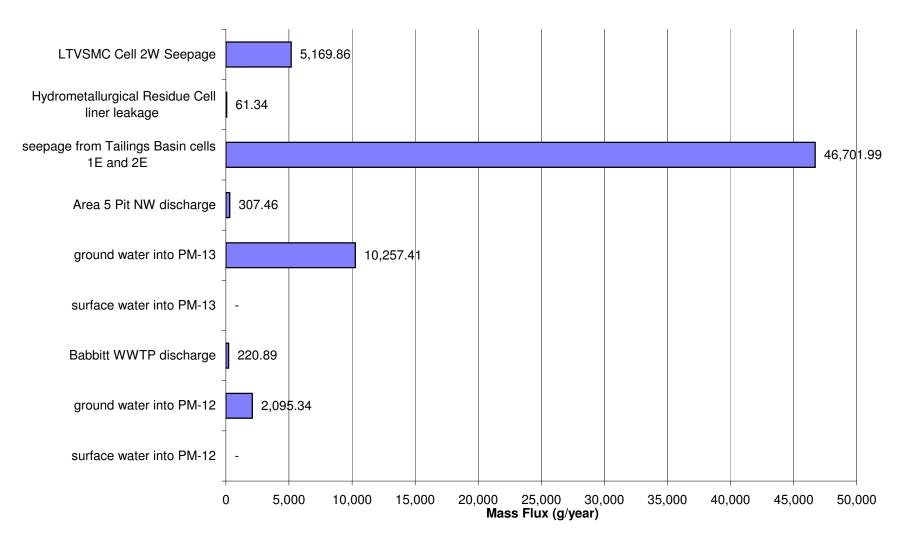


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 5 for High Flow for Sulfate (SO₄)

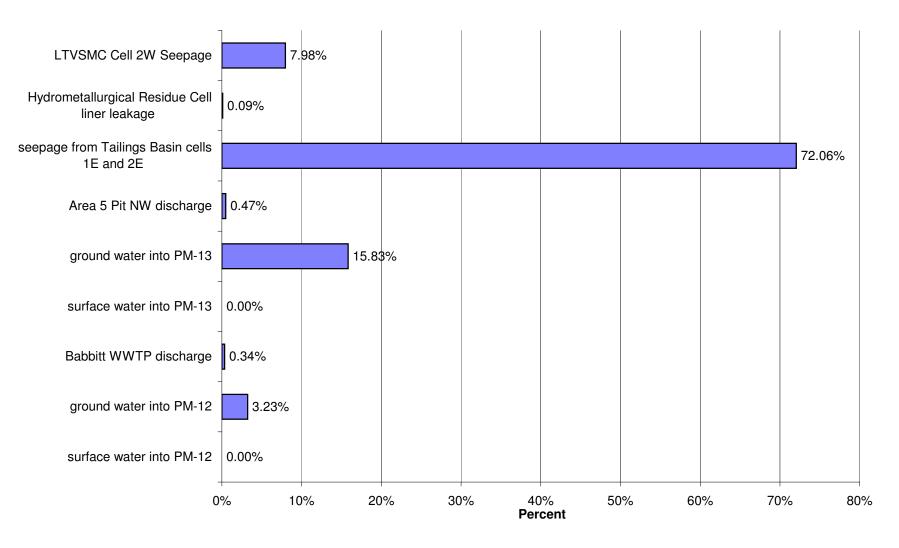


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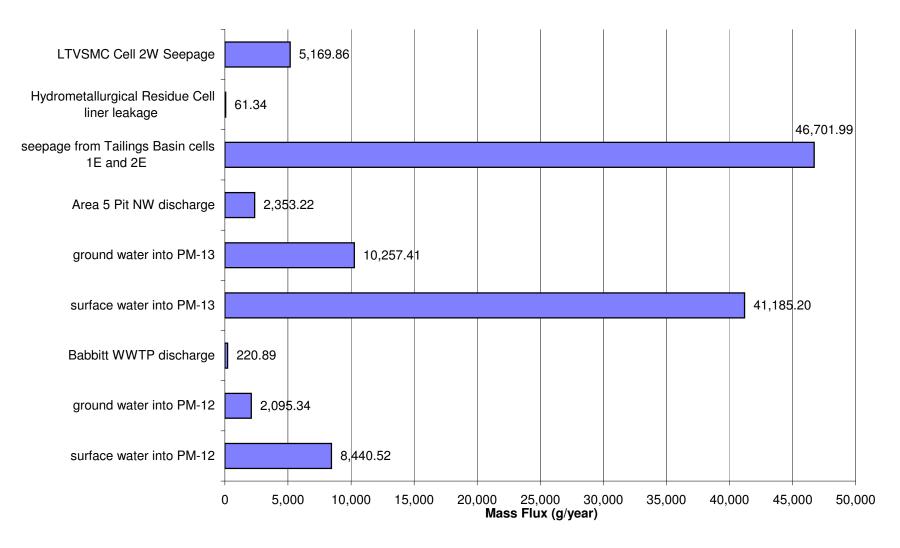
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Low Flow for Arsenic (As)



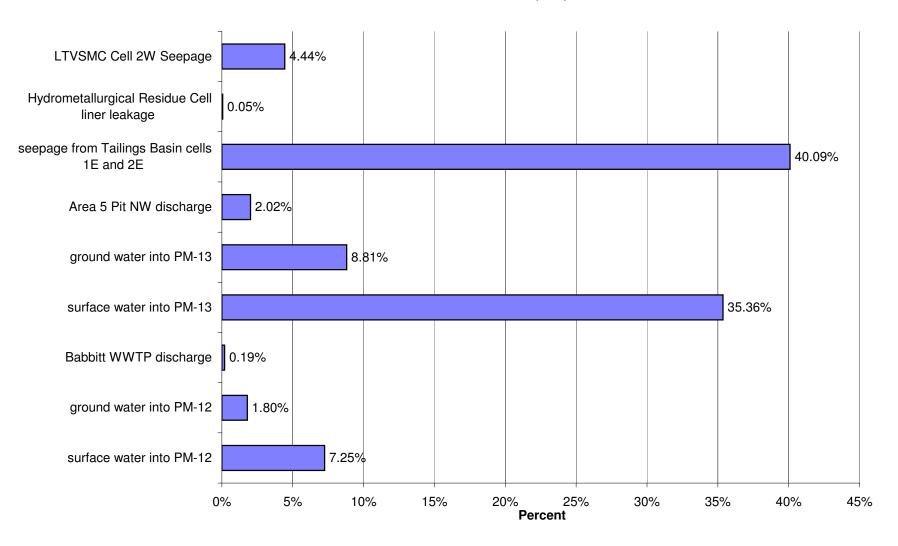
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Low Flow for Arsenic (As)



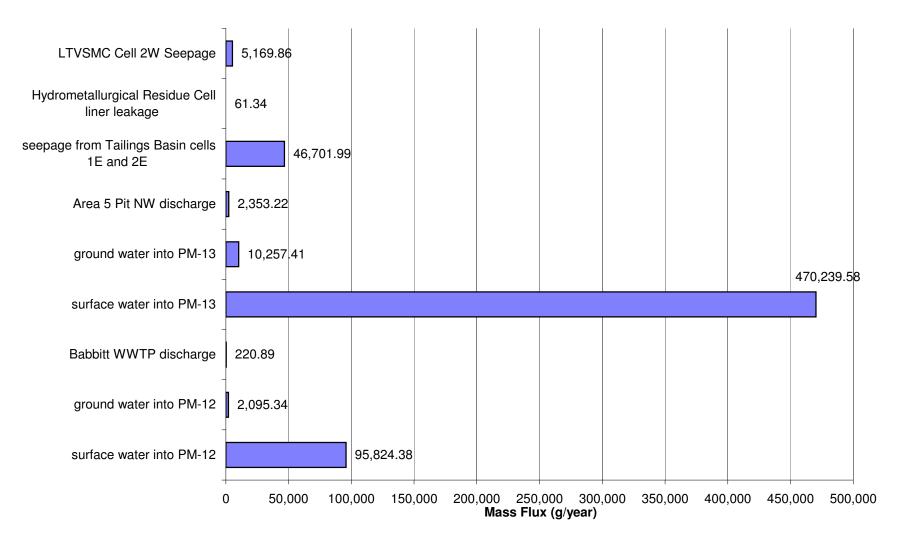
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Average Flow for Arsenic (As)



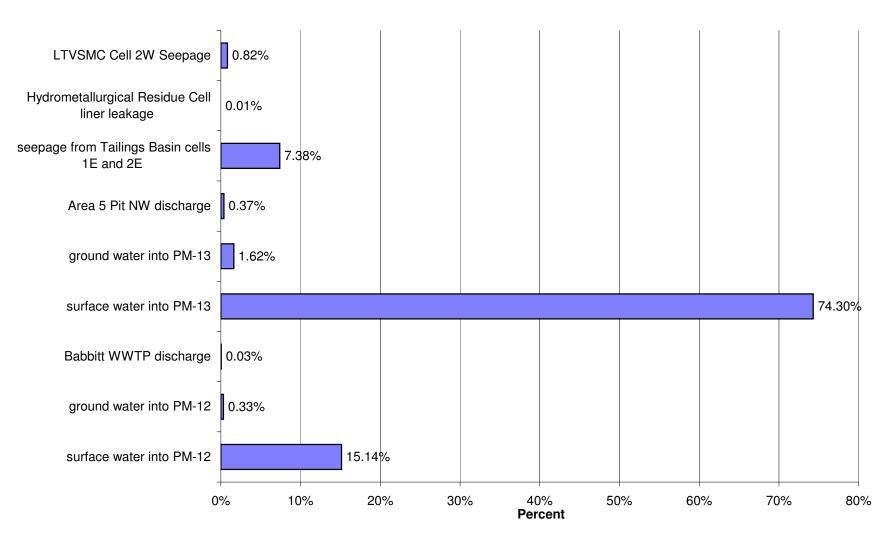
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Average Flow for Arsenic (As)



Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for High Flow for Arsenic (As)

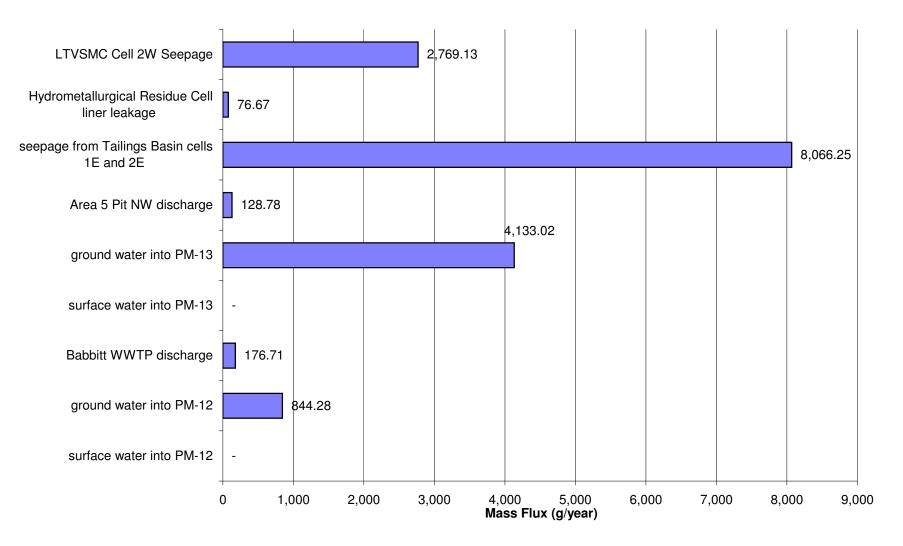


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for High Flow for Arsenic (As)

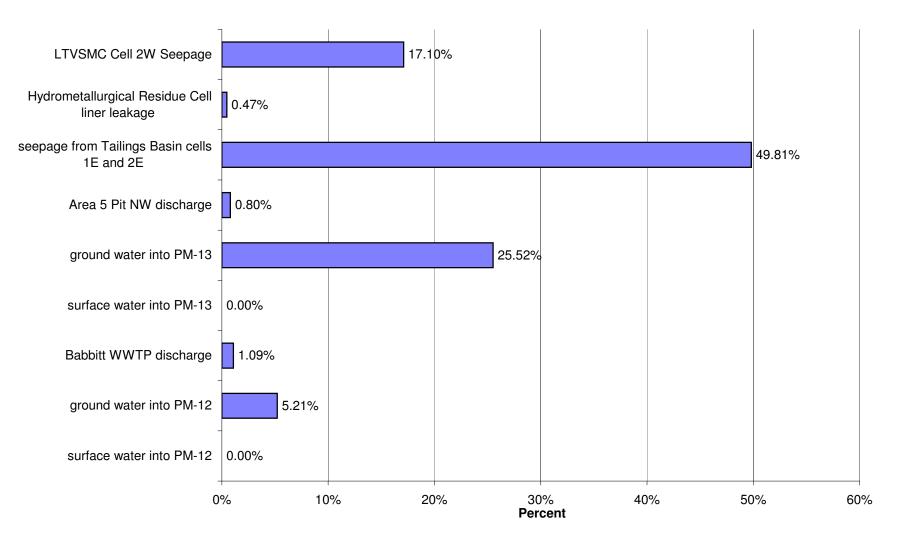


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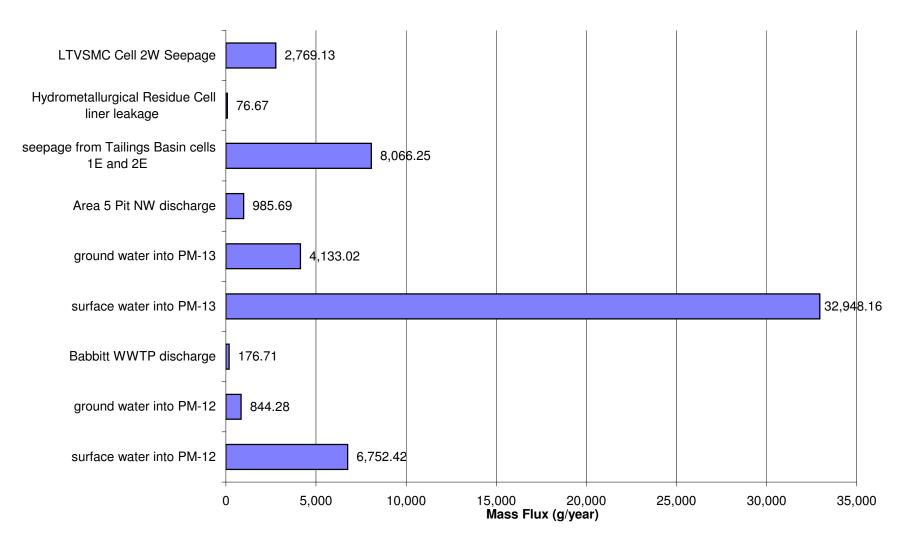
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Low Flow for Cobalt (Co)



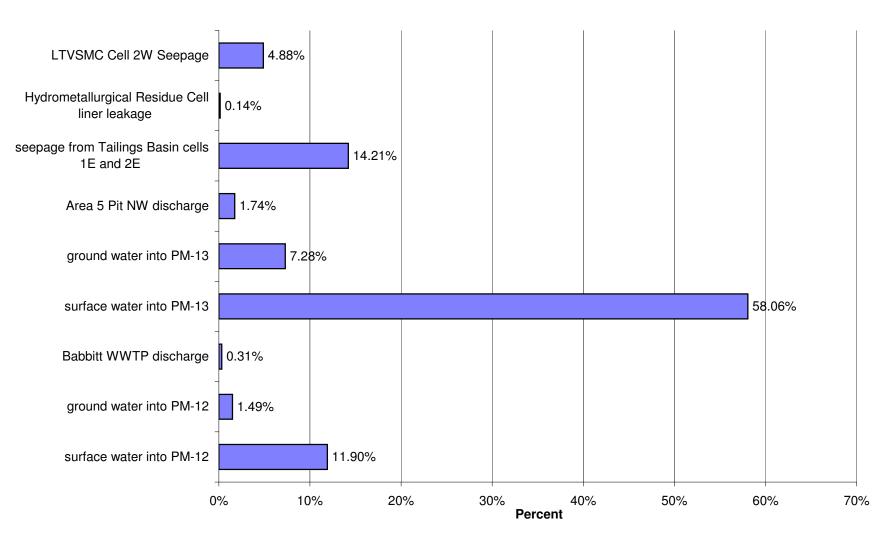
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Low Flow for Cobalt (Co)



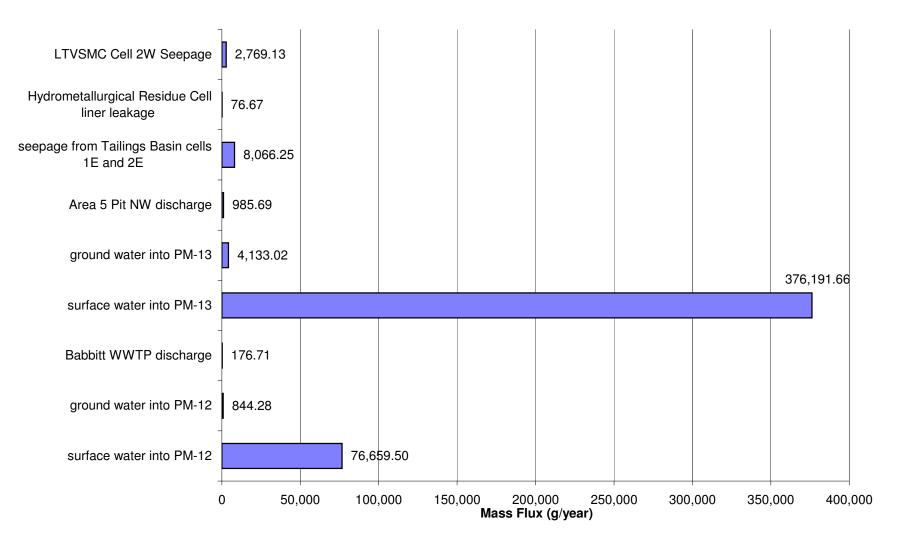
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Average Flow for Cobalt (Co)



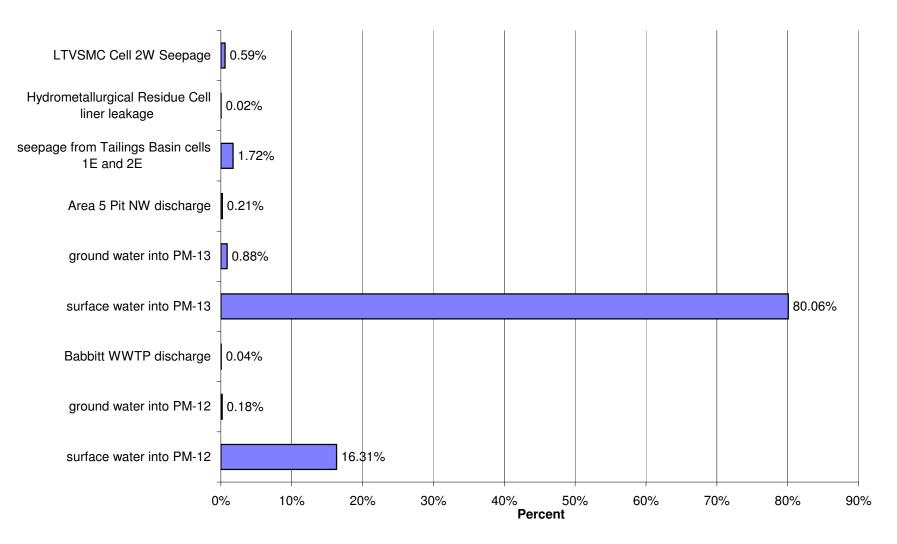
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Average Flow for Cobalt (Co)



Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for High Flow for Cobalt (Co)

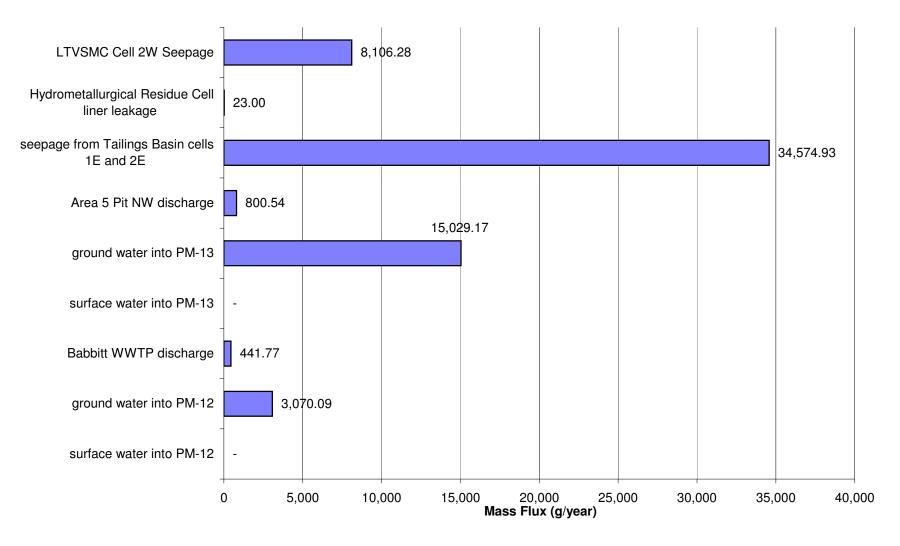


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for High Flow for Cobalt (Co)

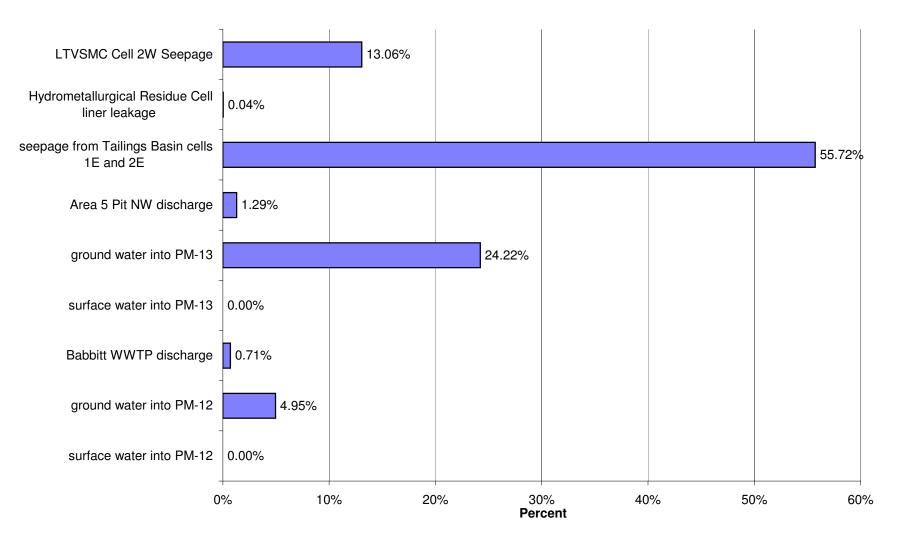


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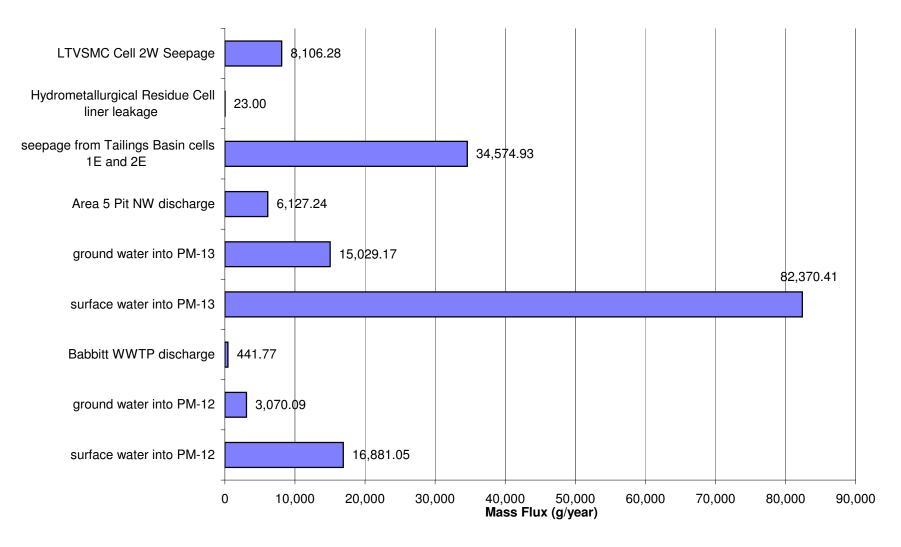
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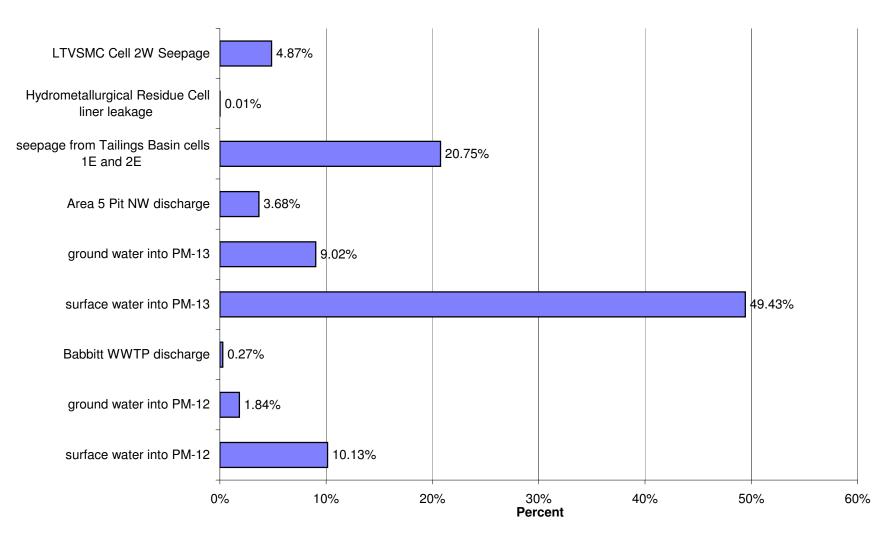
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Low Flow for Copper (Cu)



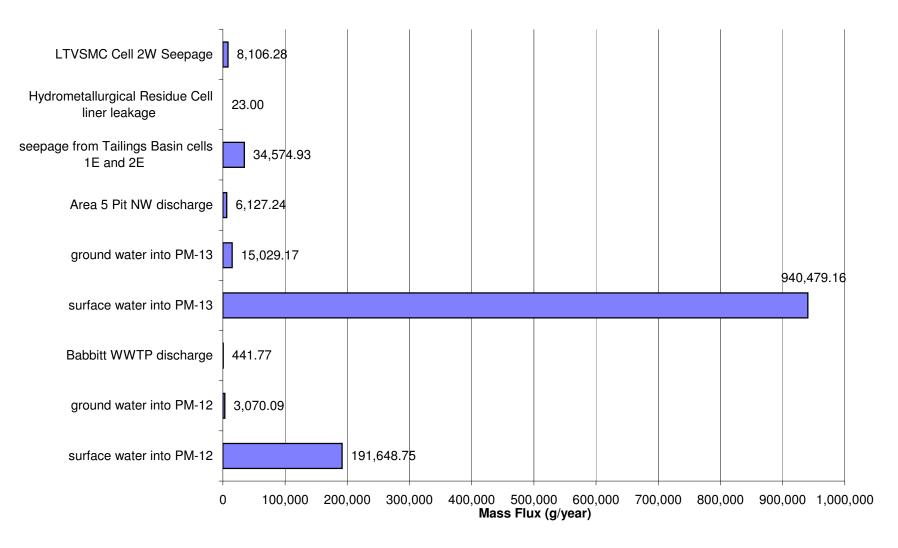
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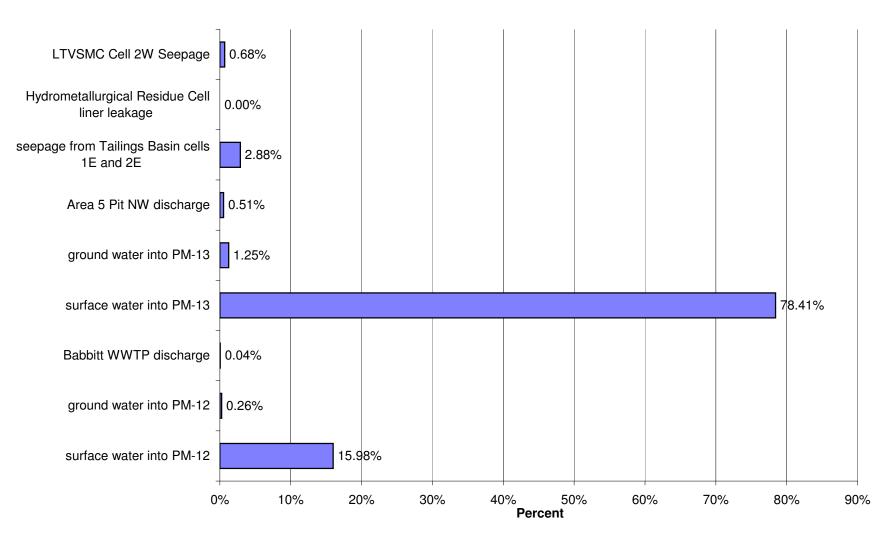




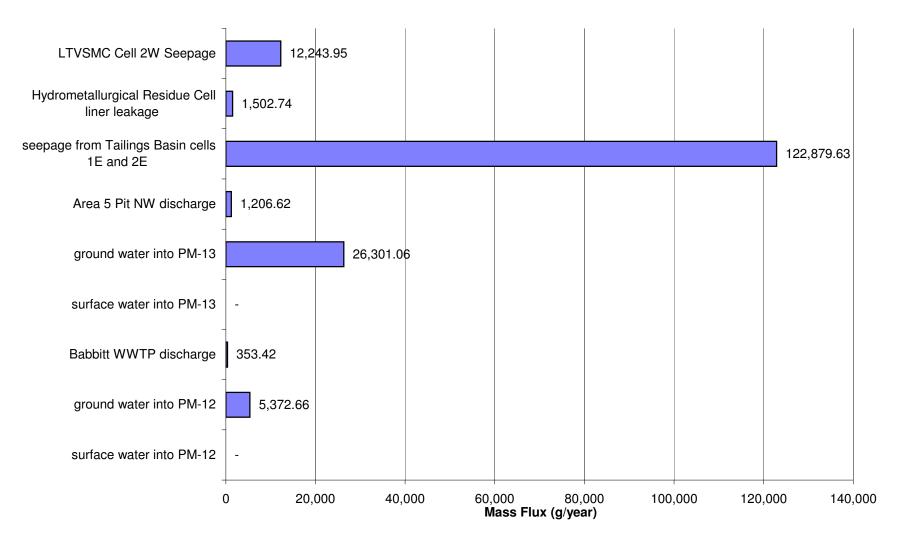
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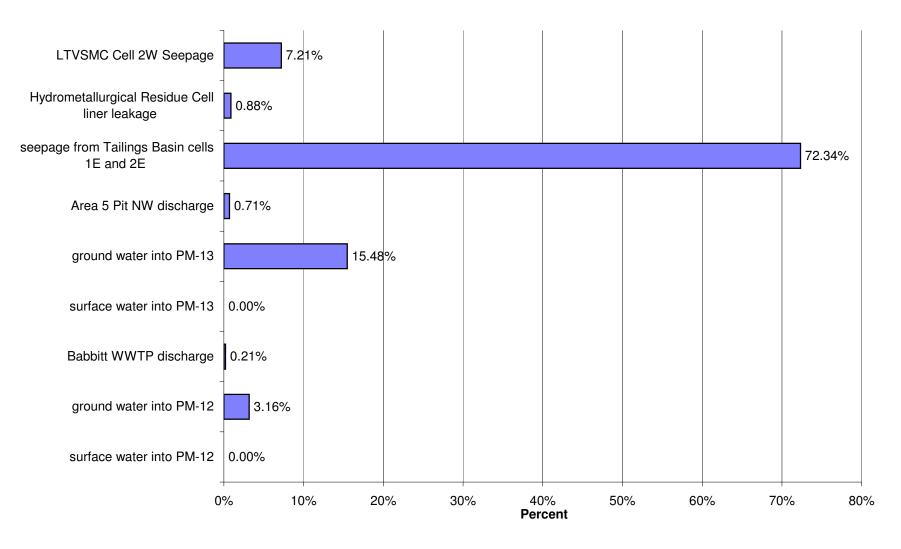
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for High Flow for Copper (Cu)



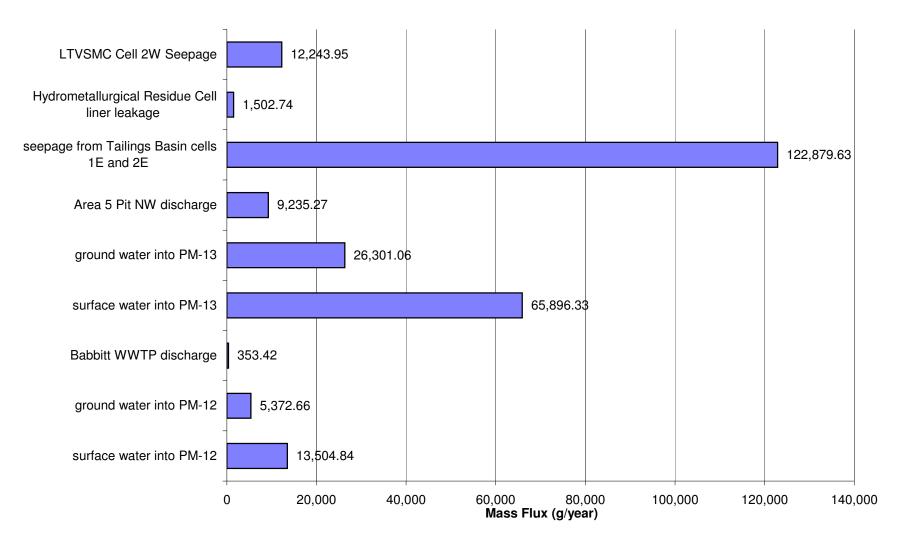
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Low Flow for Nickel (Ni)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Low Flow for Nickel (Ni)

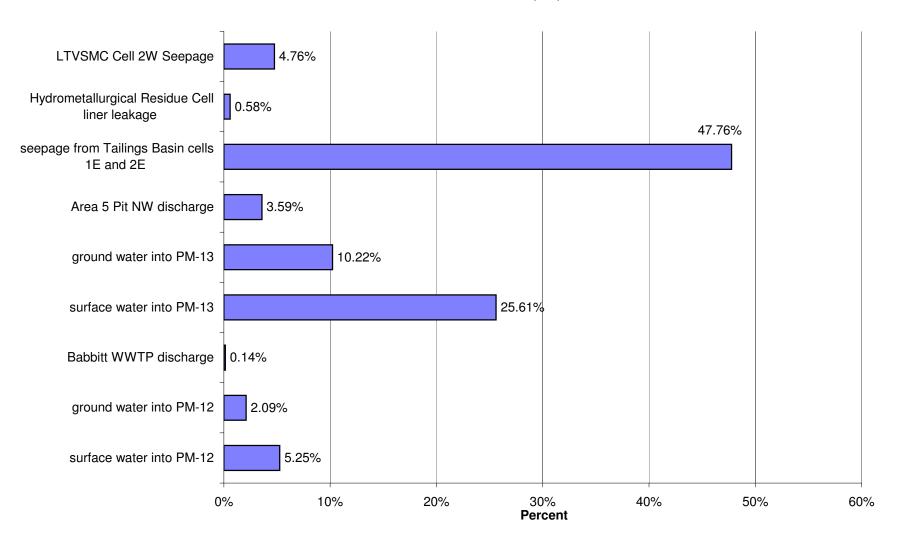


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Average Flow for Nickel (Ni)

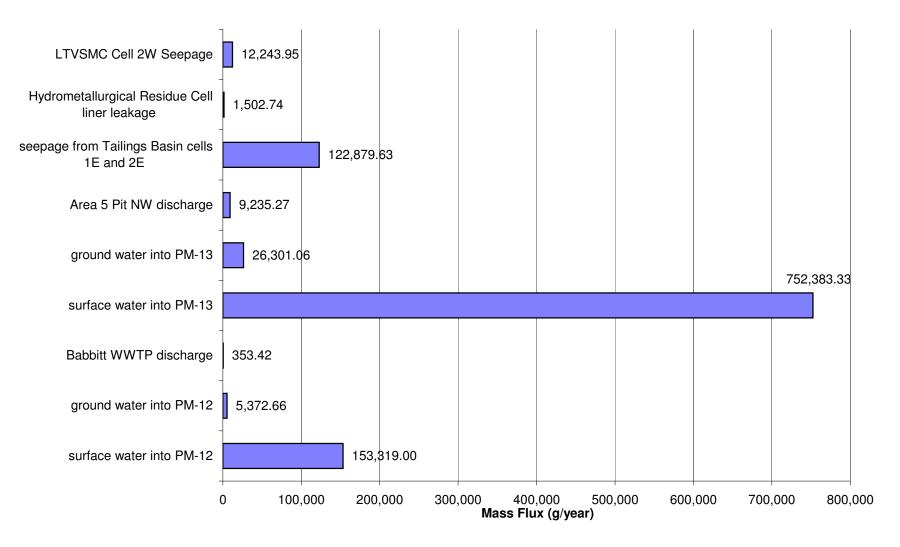


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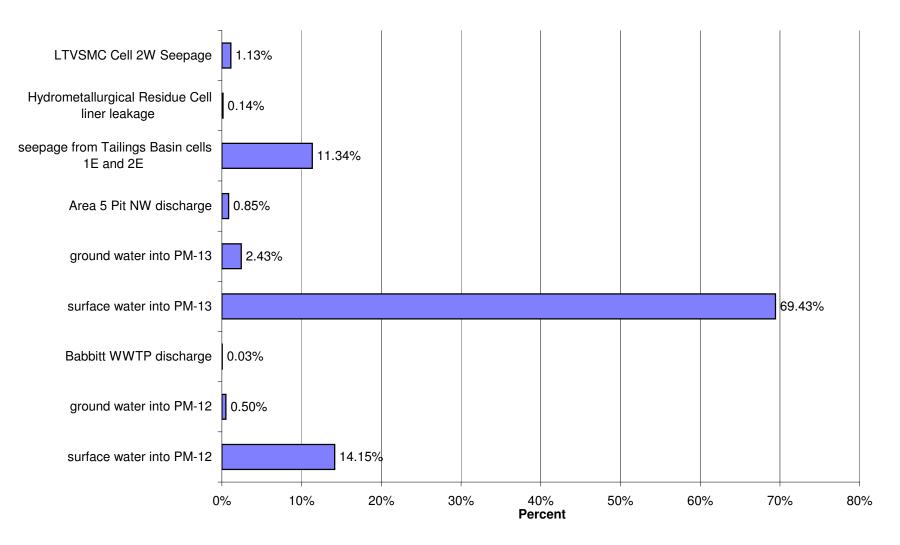
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Average Flow for Nickel (Ni)



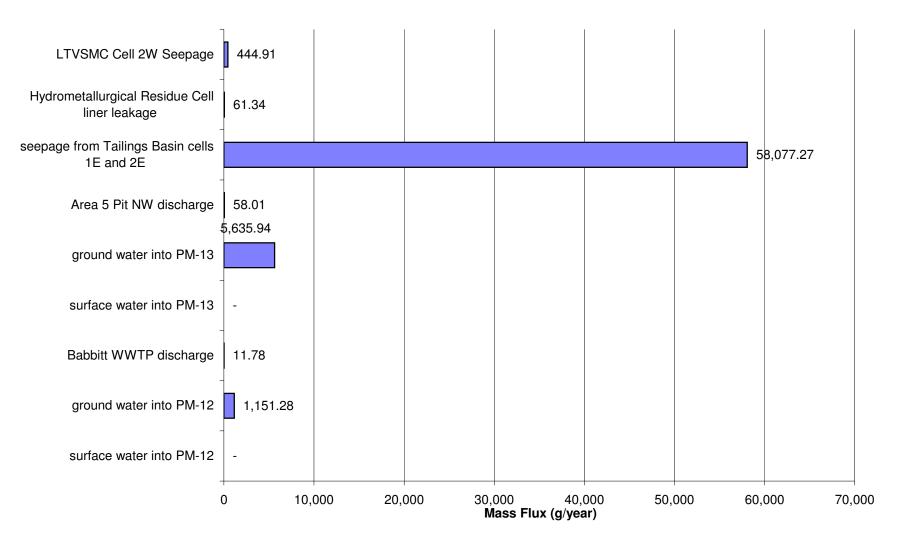
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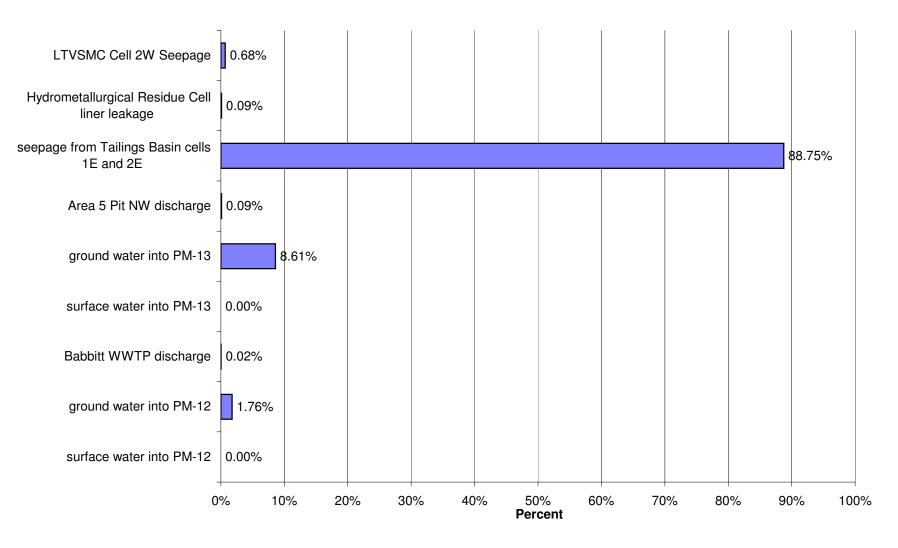
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for High Flow for Nickel (Ni)



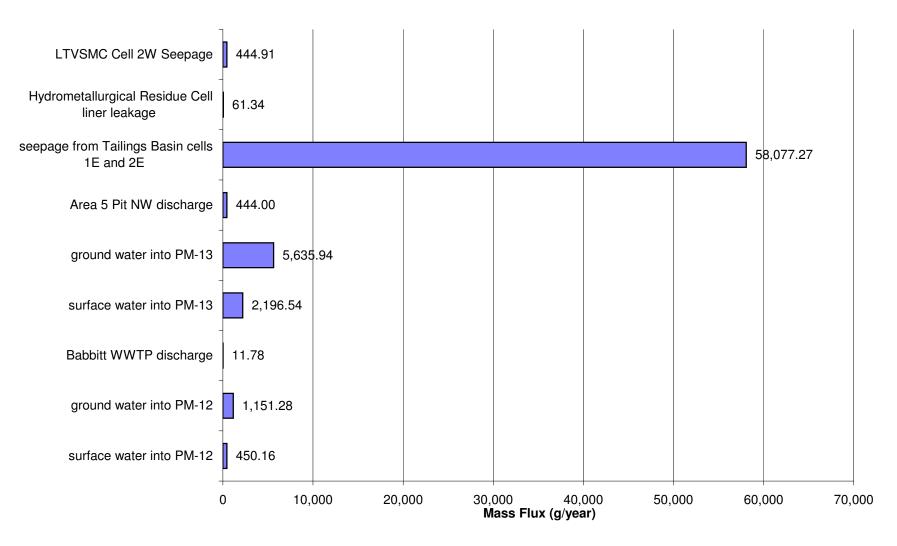
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Low Flow for Antimony (Sb)



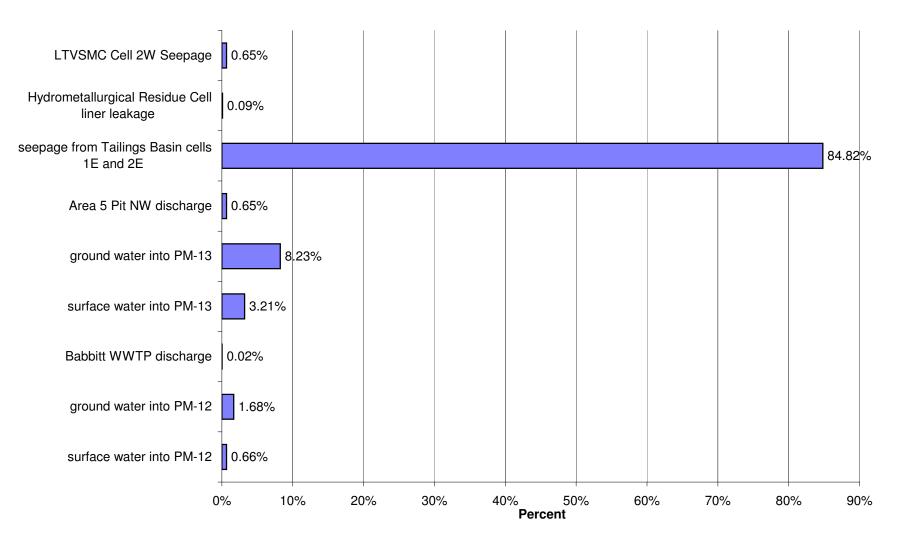
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Low Flow for Antimony (Sb)



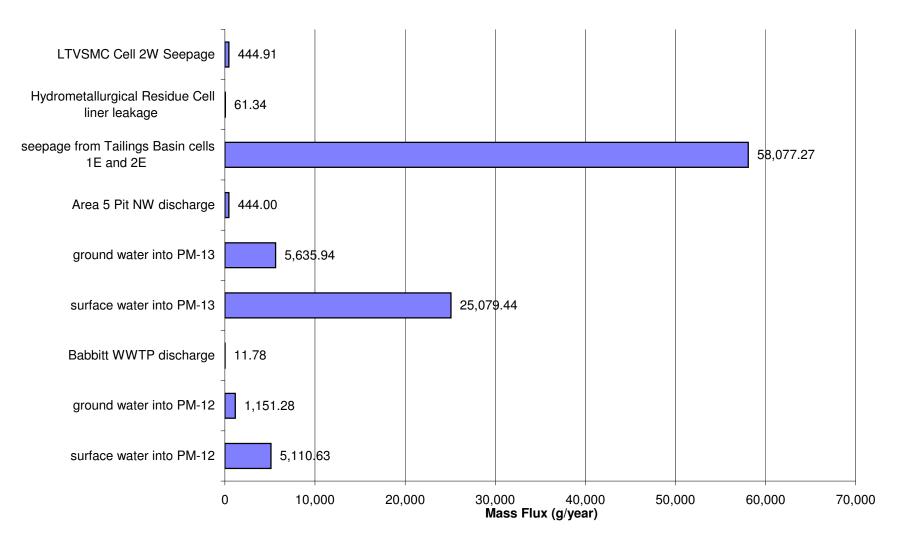
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for Average Flow for Antimony (Sb)



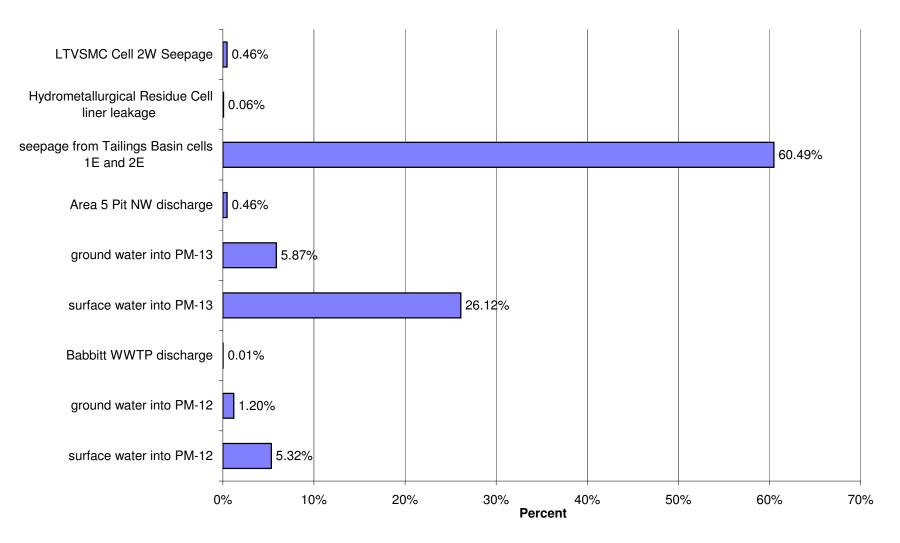
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for Average Flow for Antimony (Sb)



Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 10 for High Flow for Antimony (Sb)

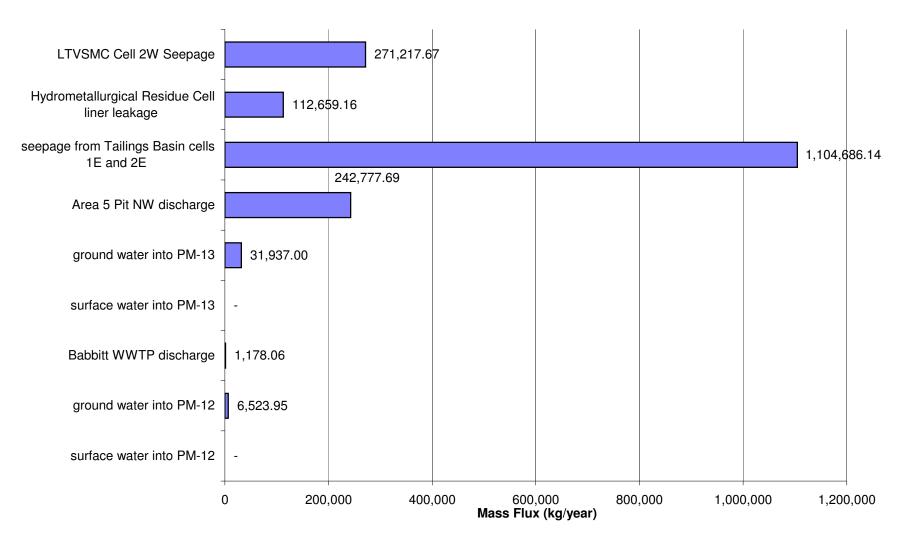


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 10 for High Flow for Antimony (Sb)

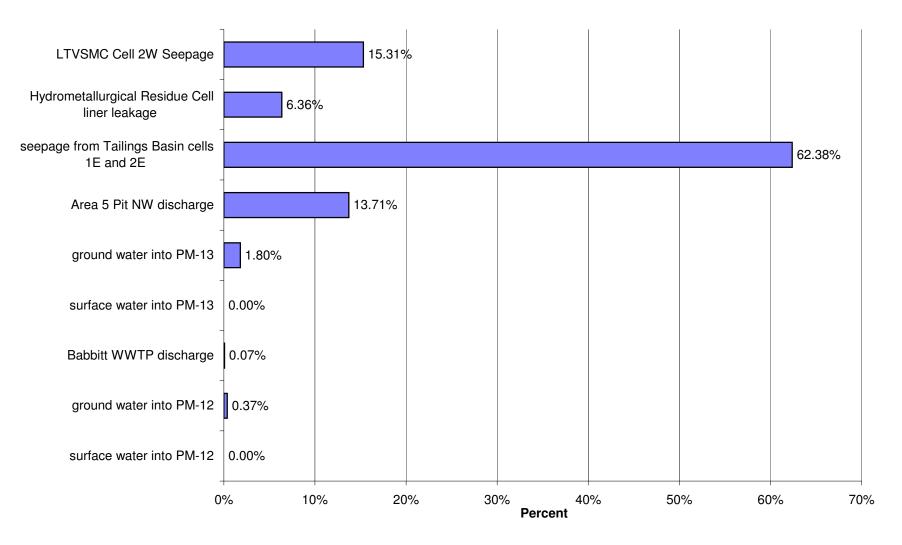


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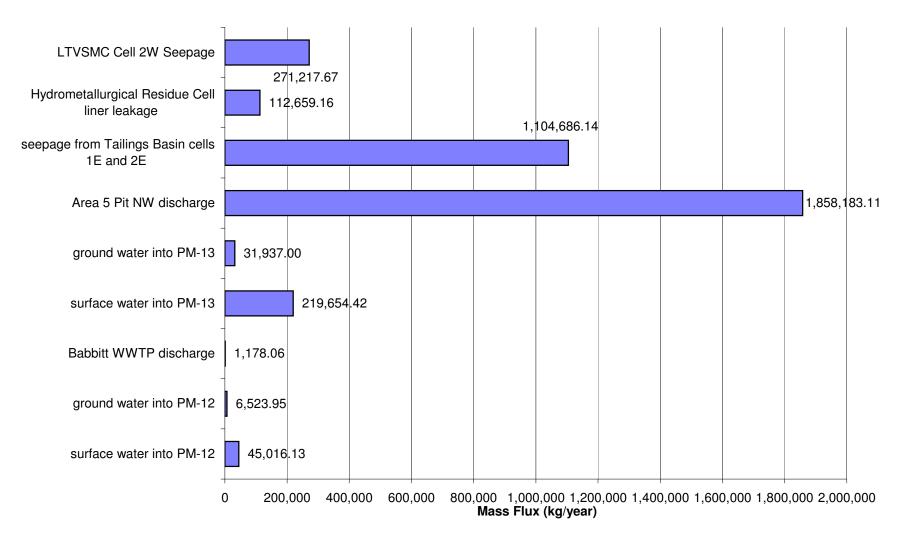
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 10 for Low Flow for Sulfate (SO₄)



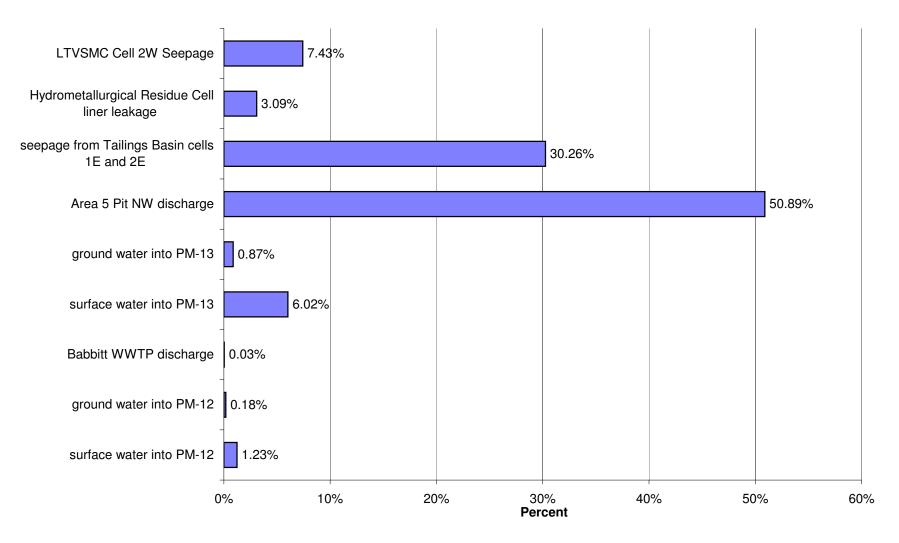
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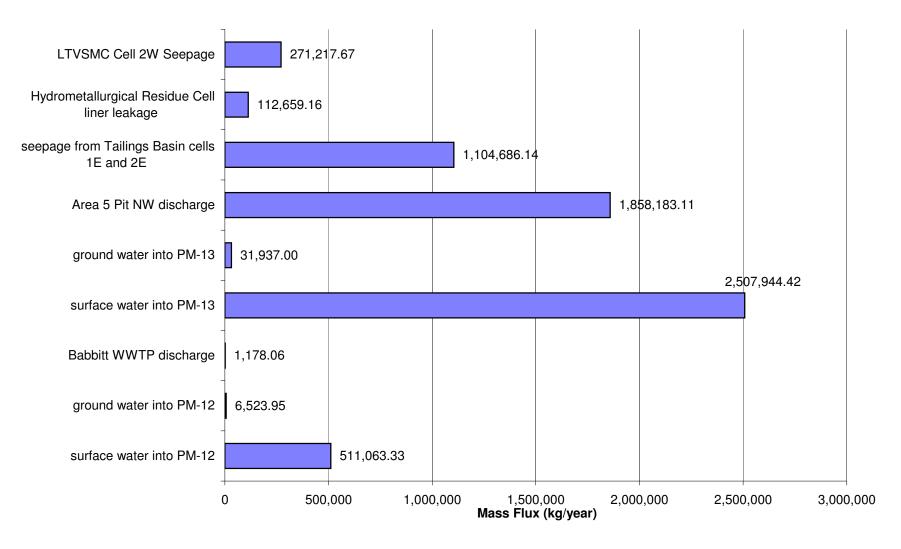
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 10 for Average Flow for Sulfate (SO₄)

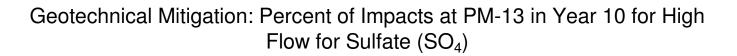


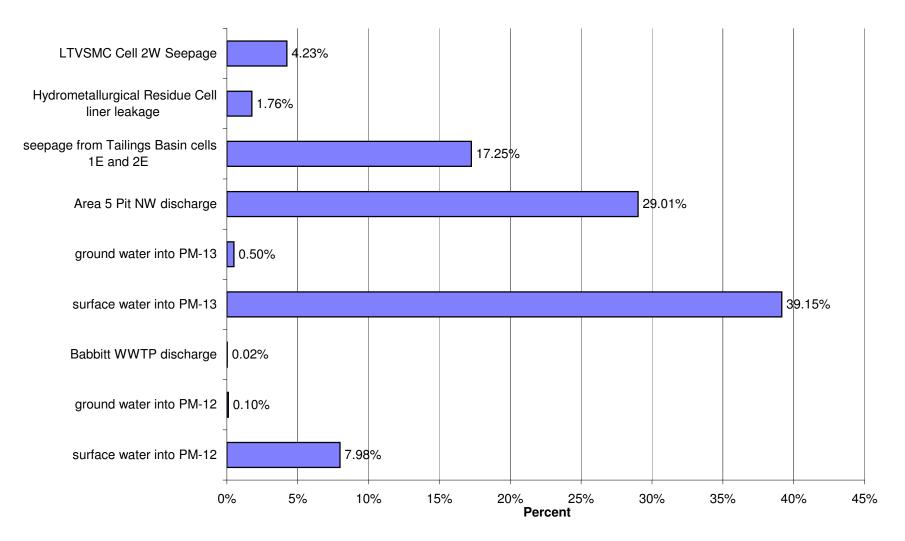




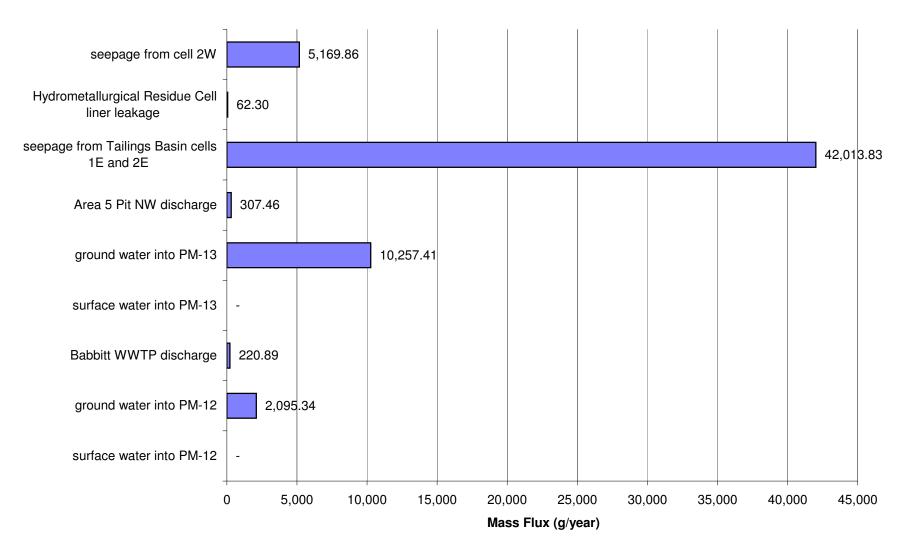
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 10 for High Flow for Sulfate (SO₄)



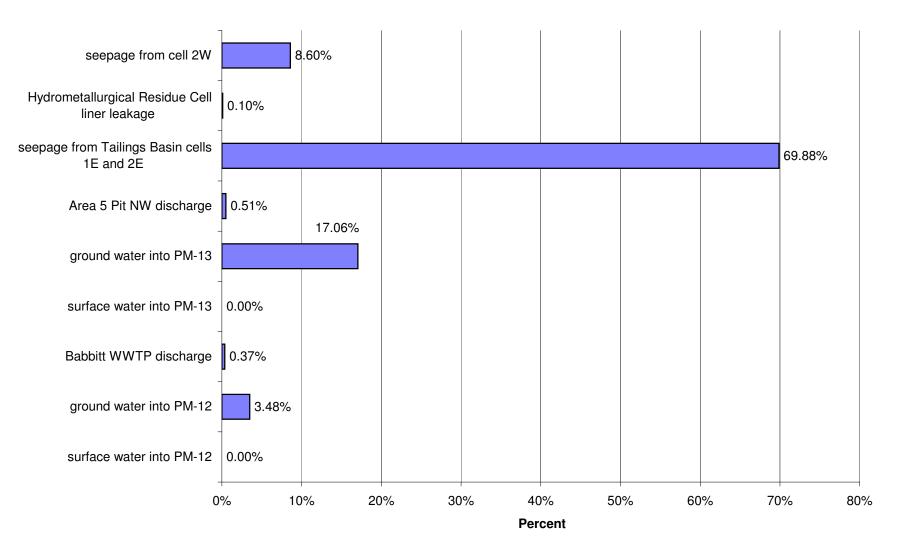




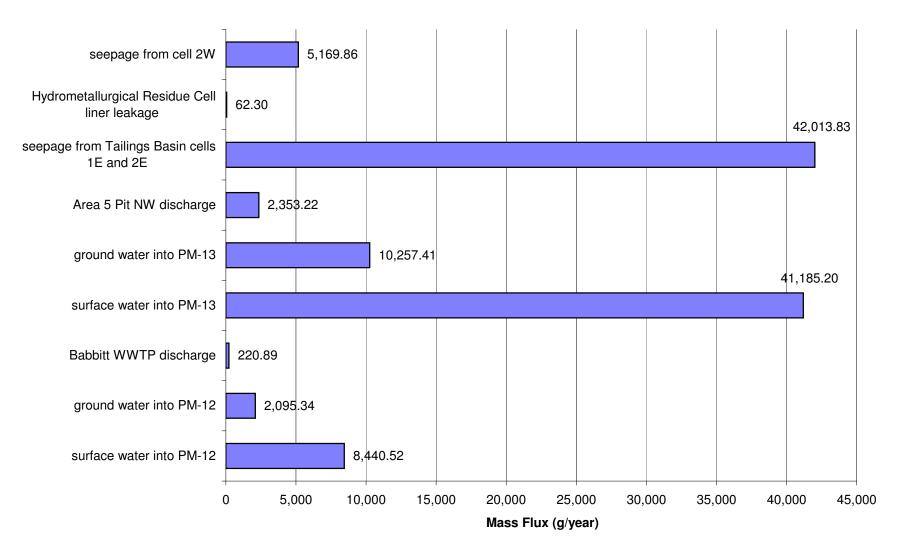
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Arsenic (As)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Low Flow for Arsenic (As)

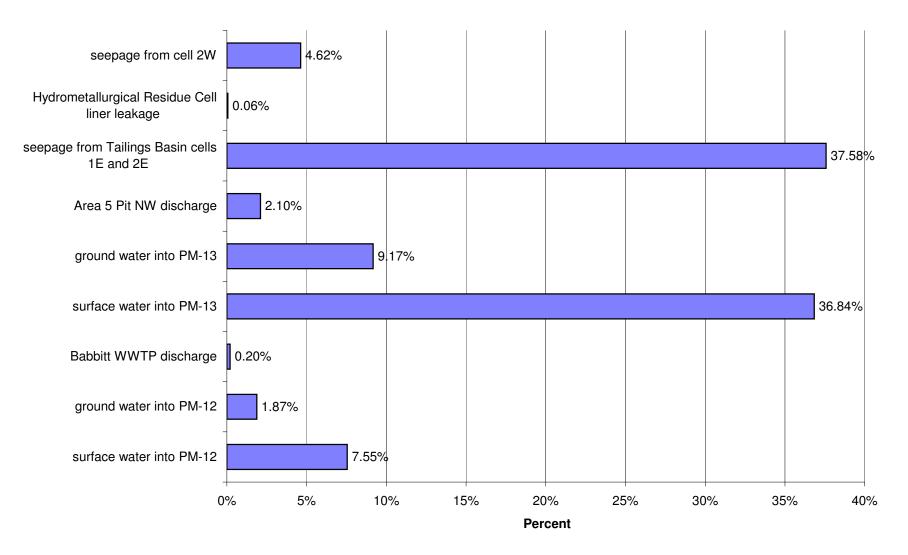


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Arsenic (As)

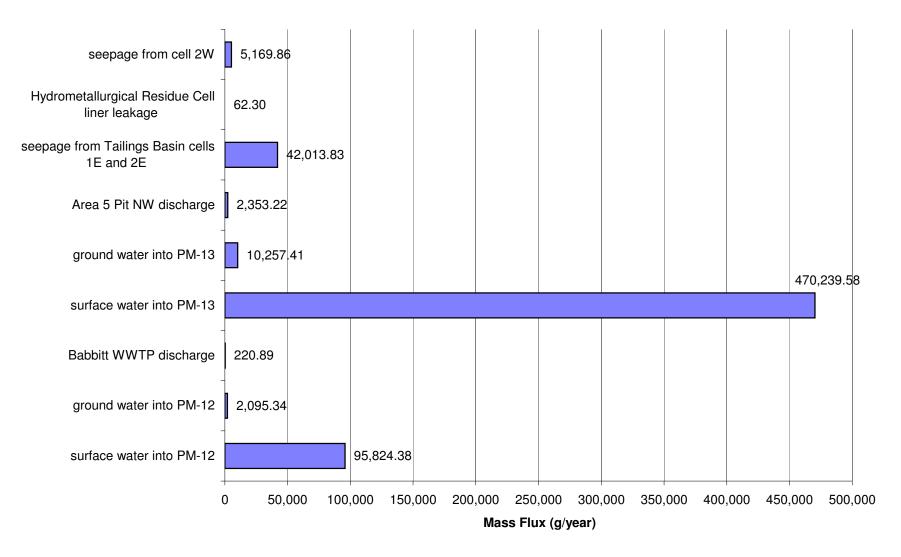


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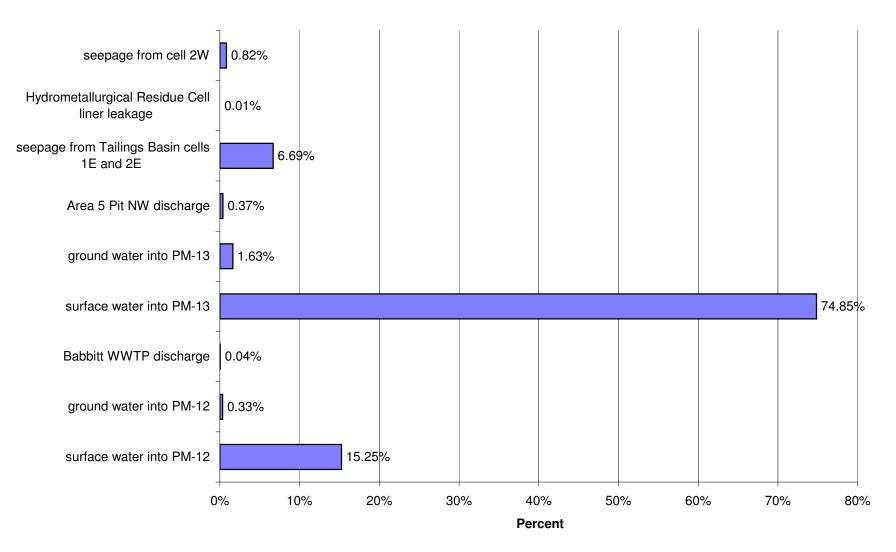
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Average Flow for Arsenic (As)



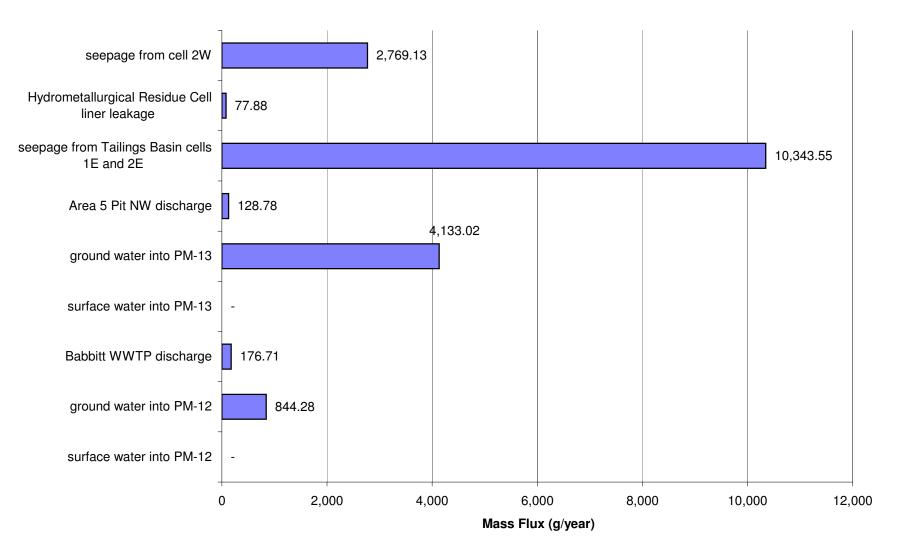
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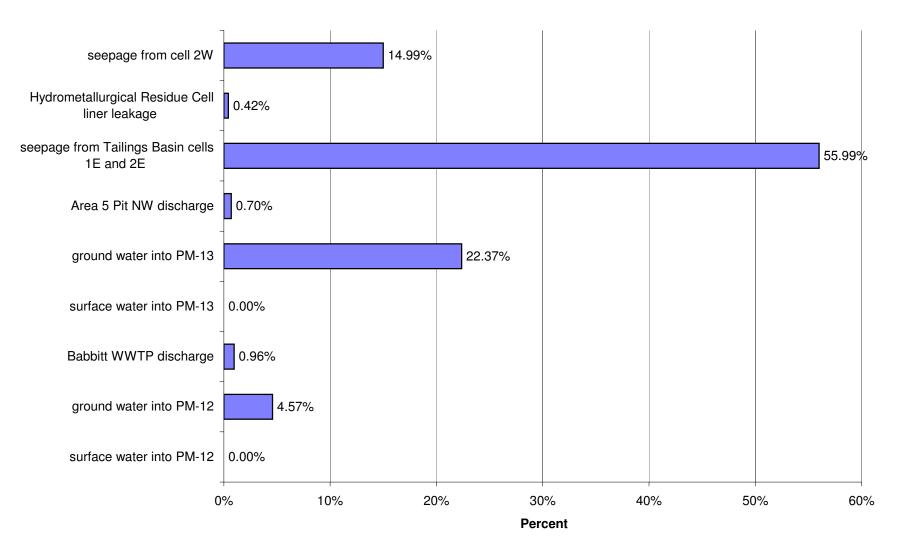
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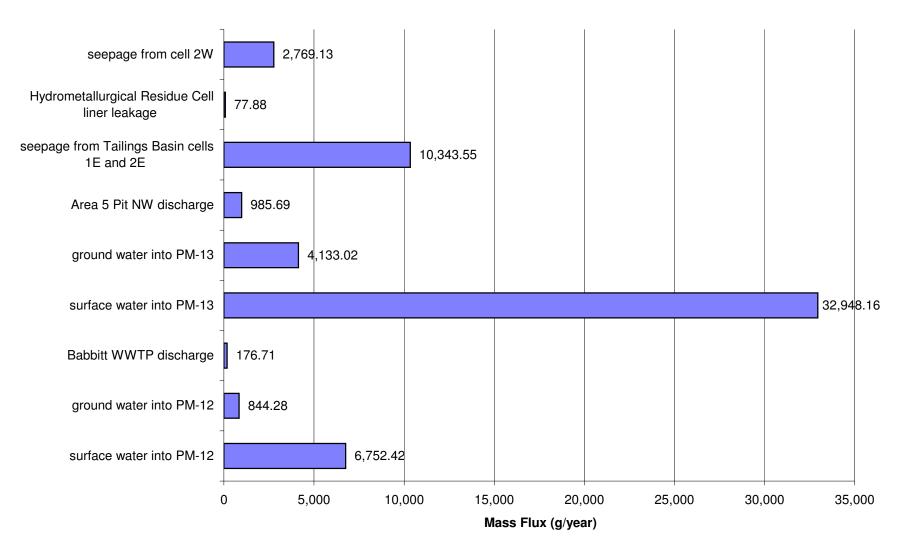
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Cobalt (Co)



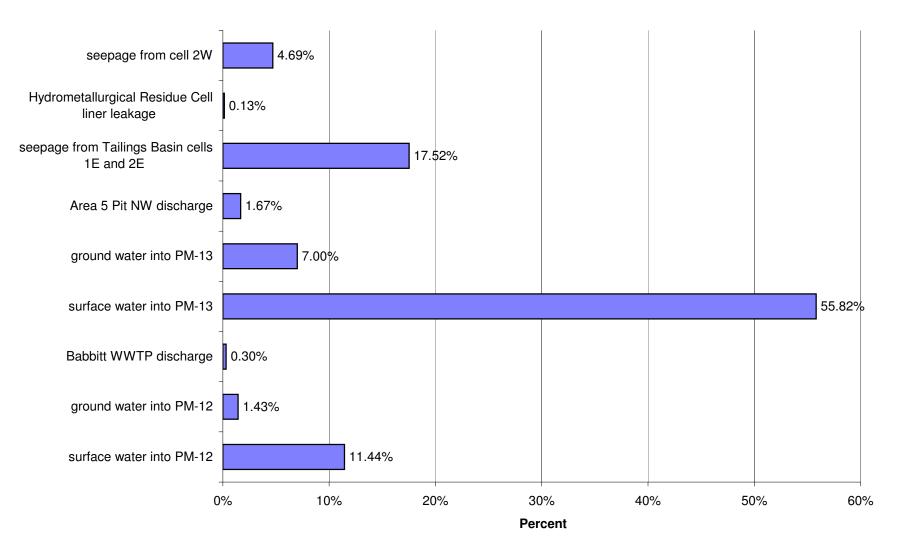
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Low Flow for Cobalt (Co)



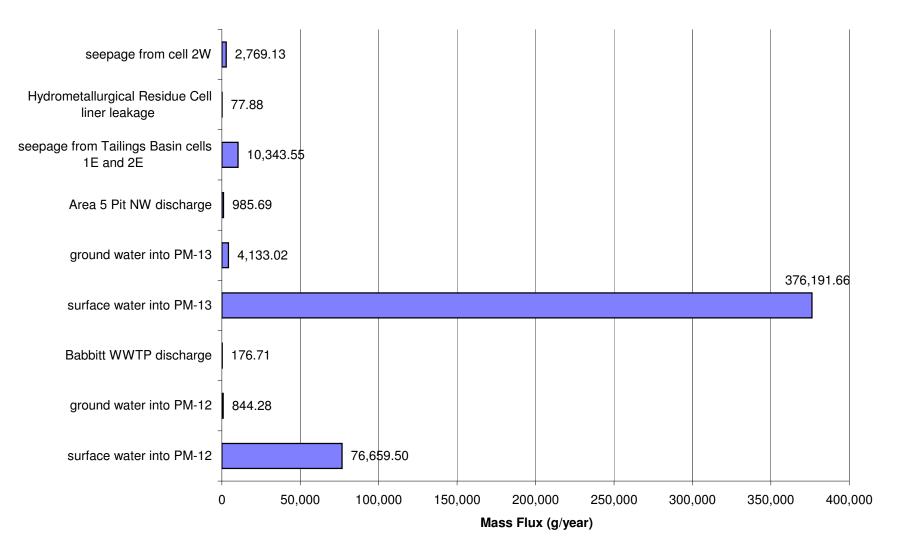
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Cobalt (Co)



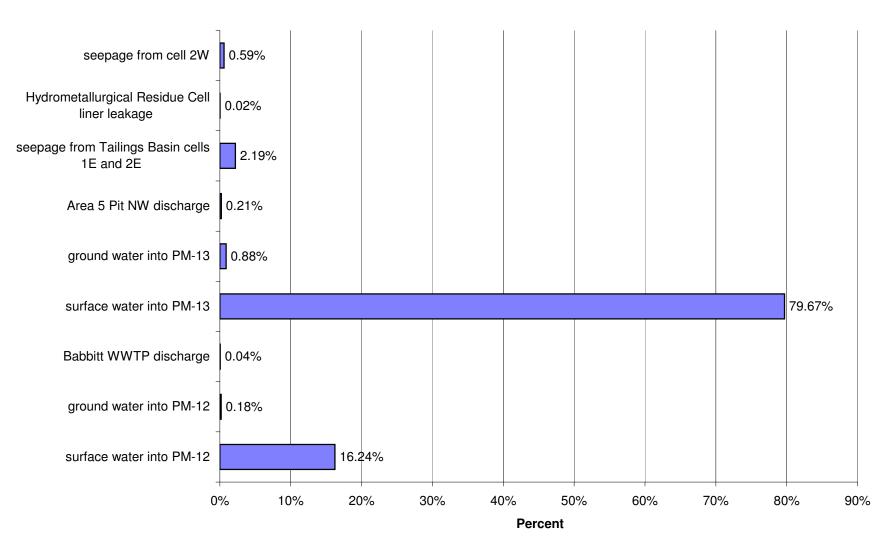
GeotechnicalMitigation: Percent of Impacts at PM-13 in Year 15 for Average Flow for Cobalt (Co)



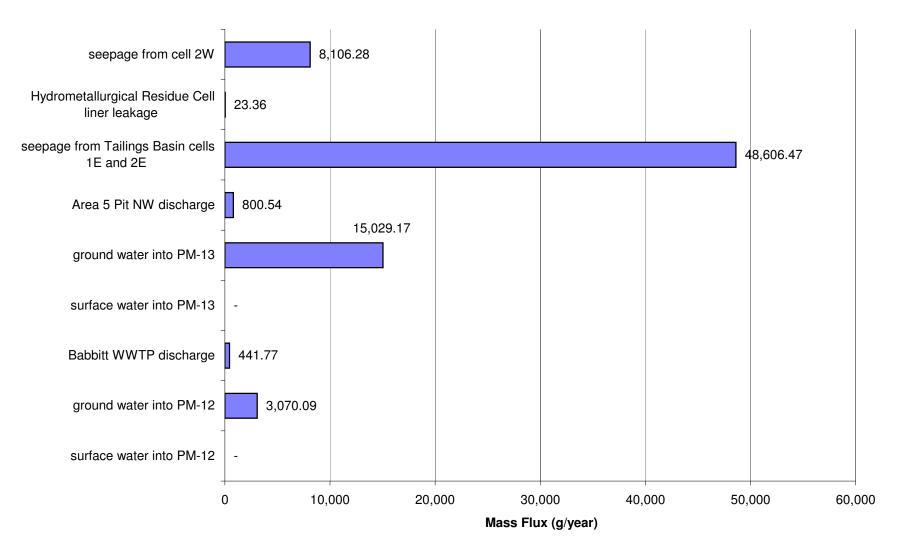
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Cobalt (Co)



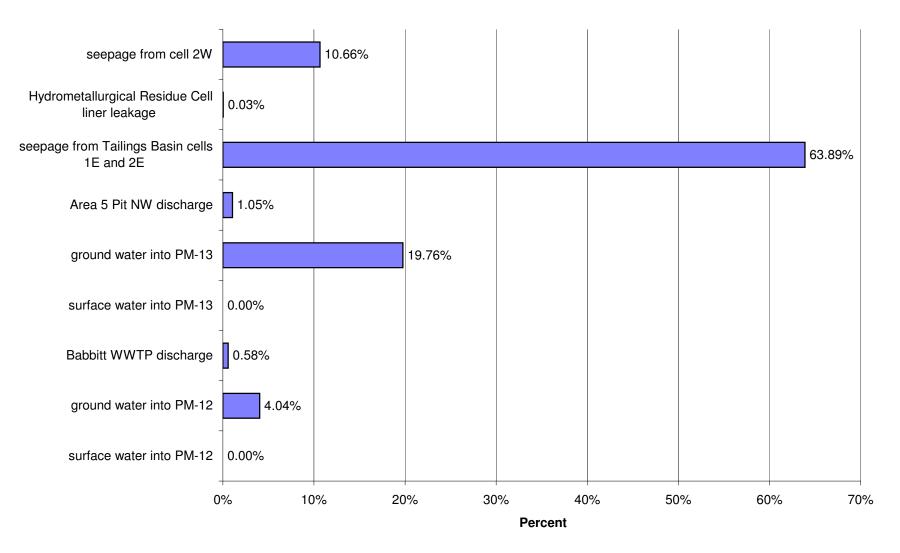
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for High Flow for Cobalt (Co)



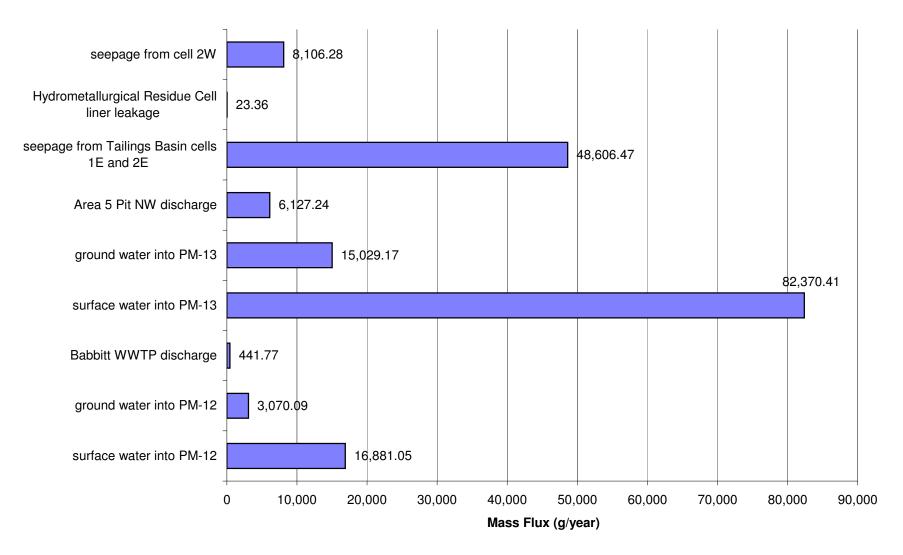
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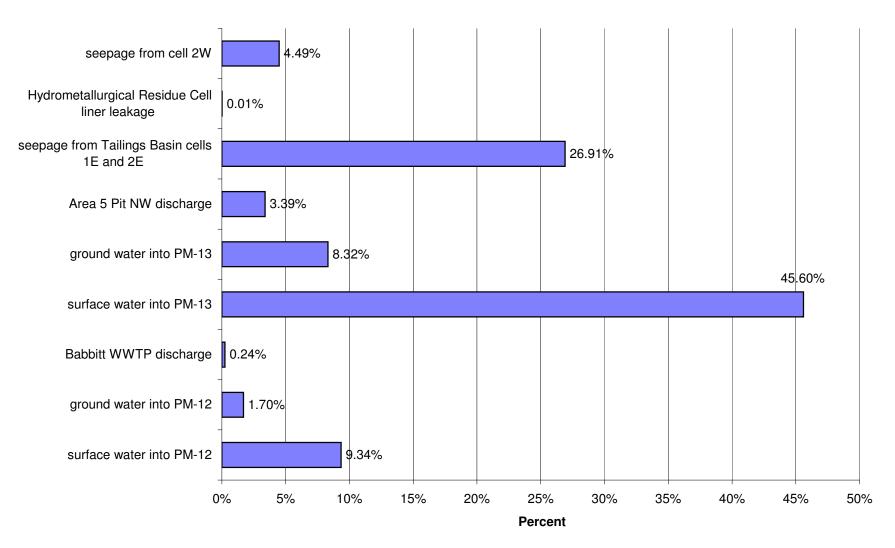
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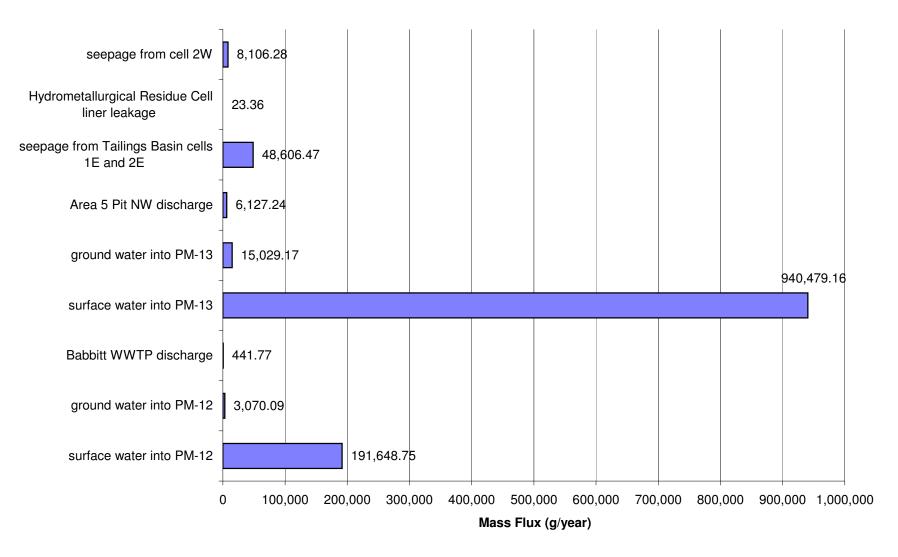
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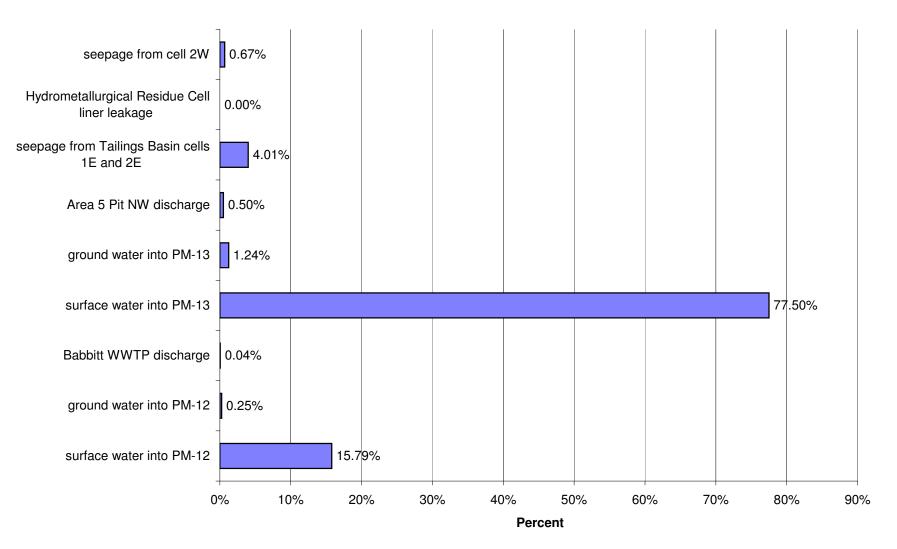




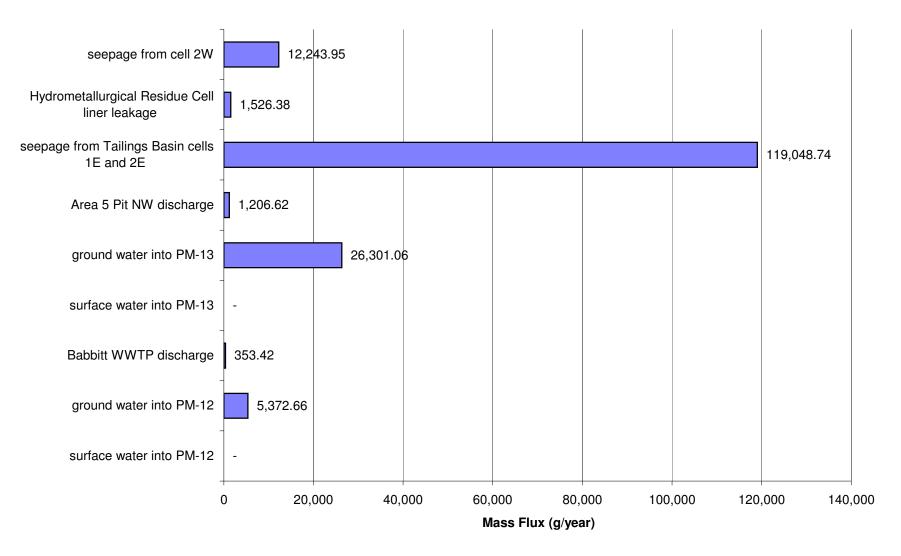
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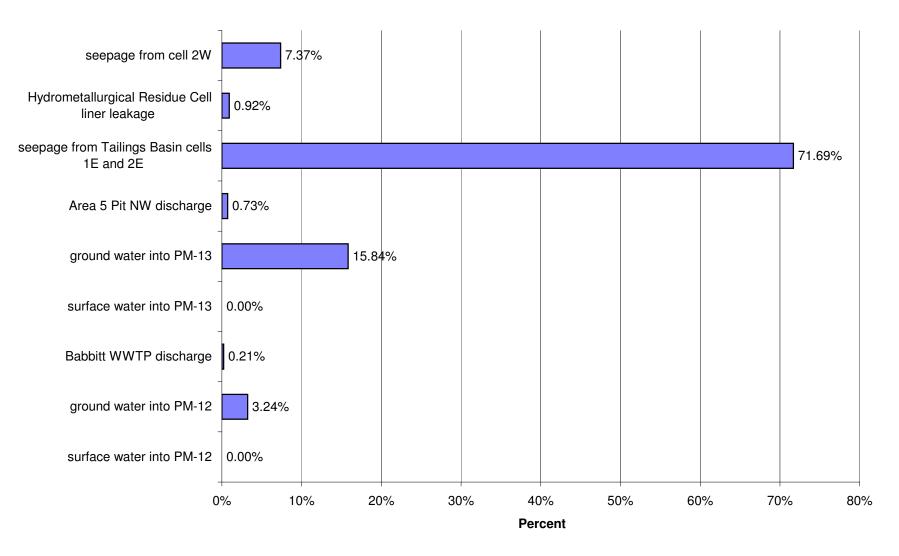
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for High Flow for Copper (Cu)



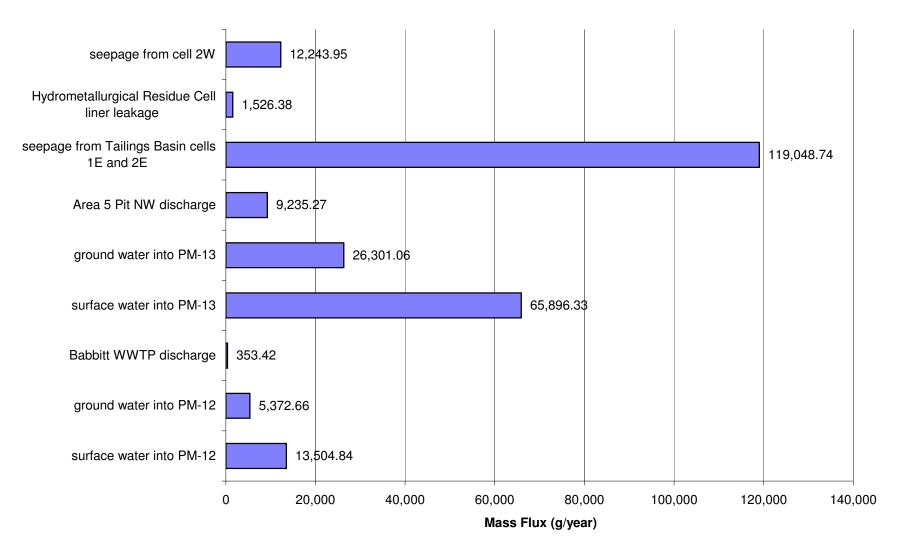
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Nickel (Ni)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Low Flow for Nickel (Ni)

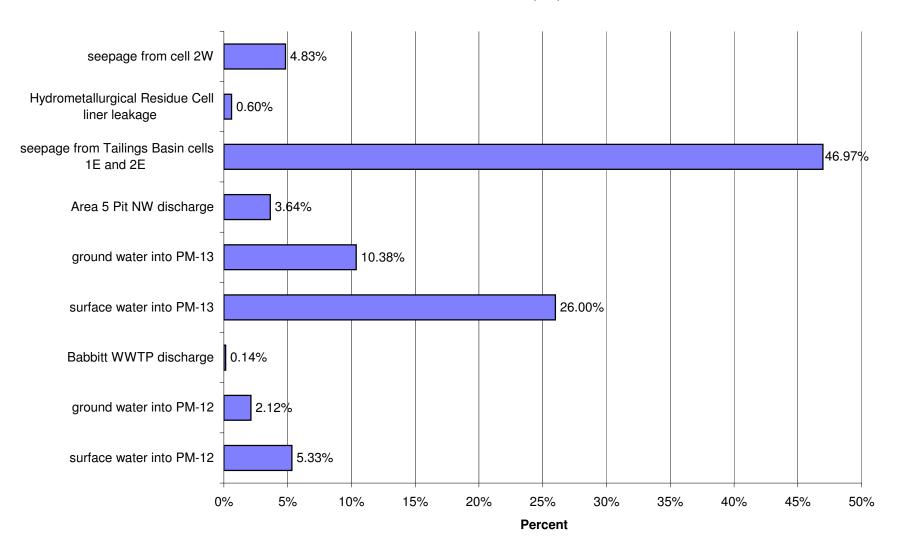


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Average Flow for Nickel (Ni)

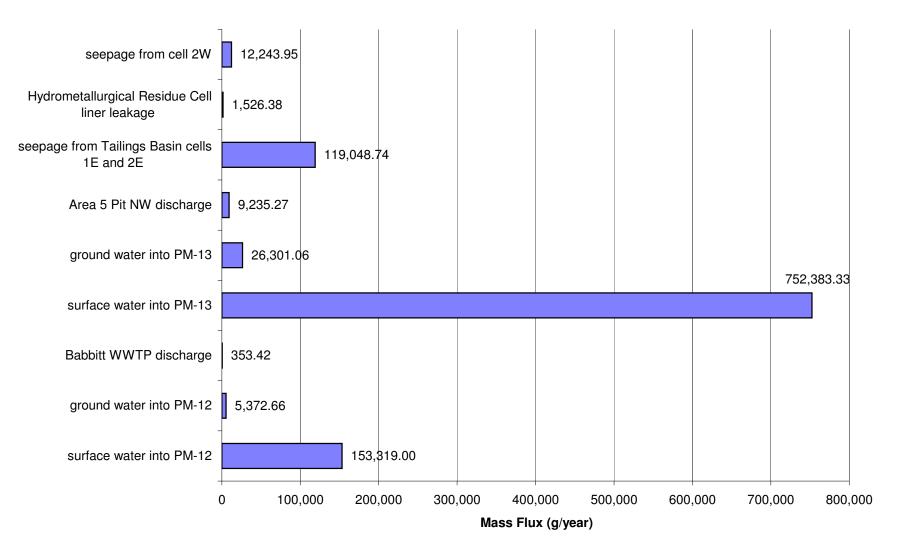


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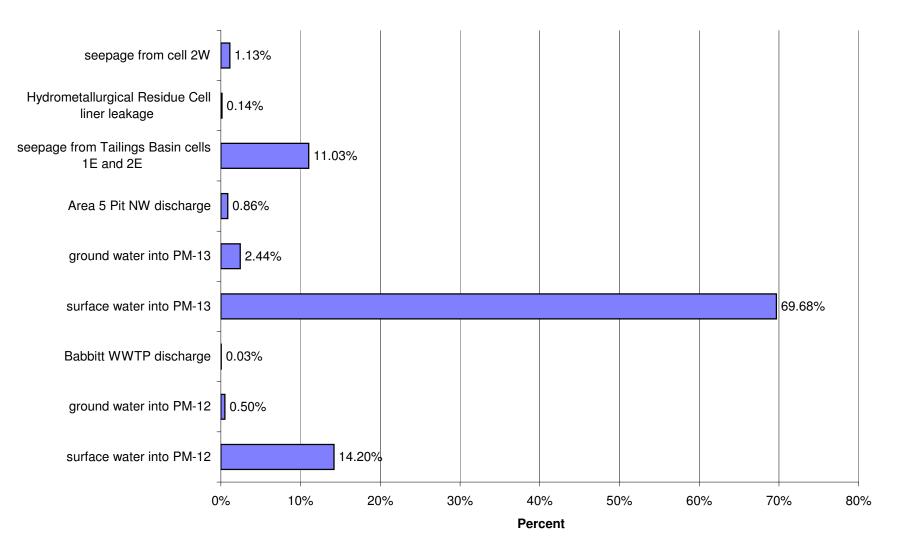
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Average Flow for Nickel (Ni)



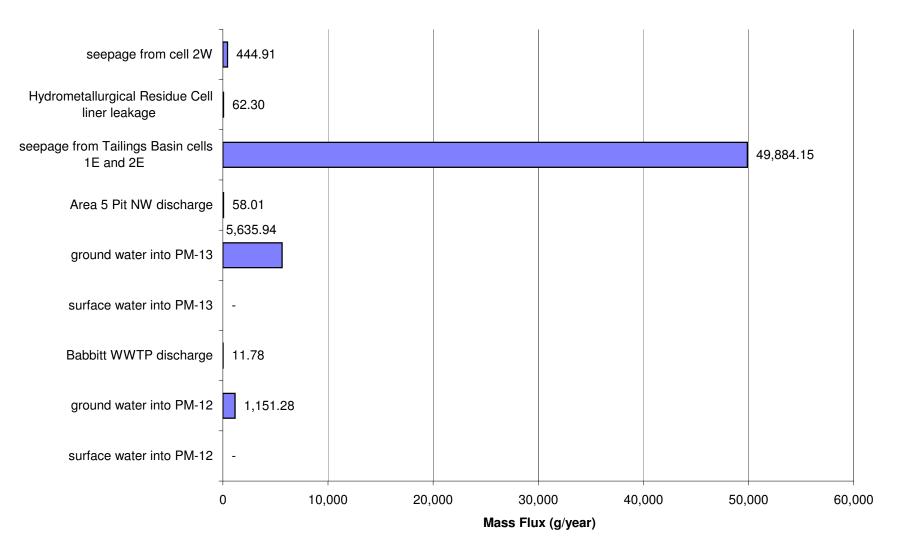
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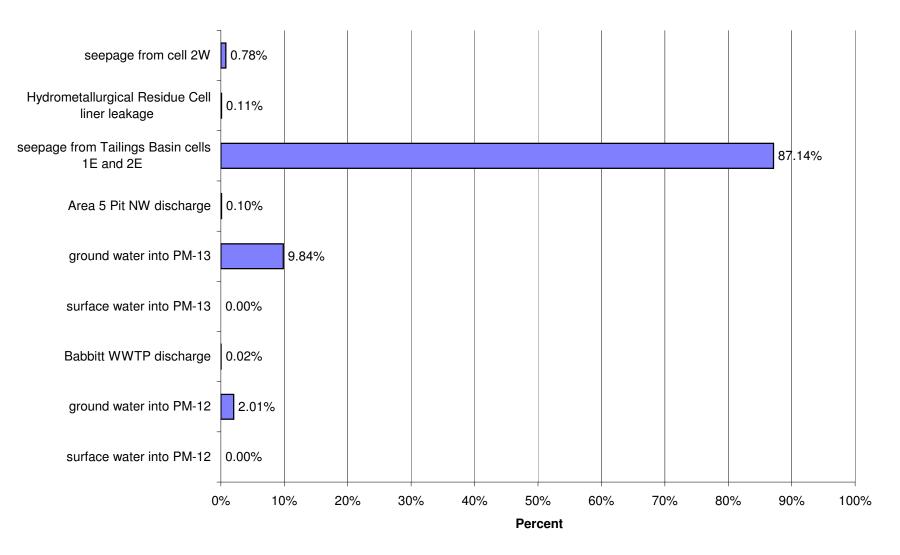
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for High Flow for Nickel (Ni)



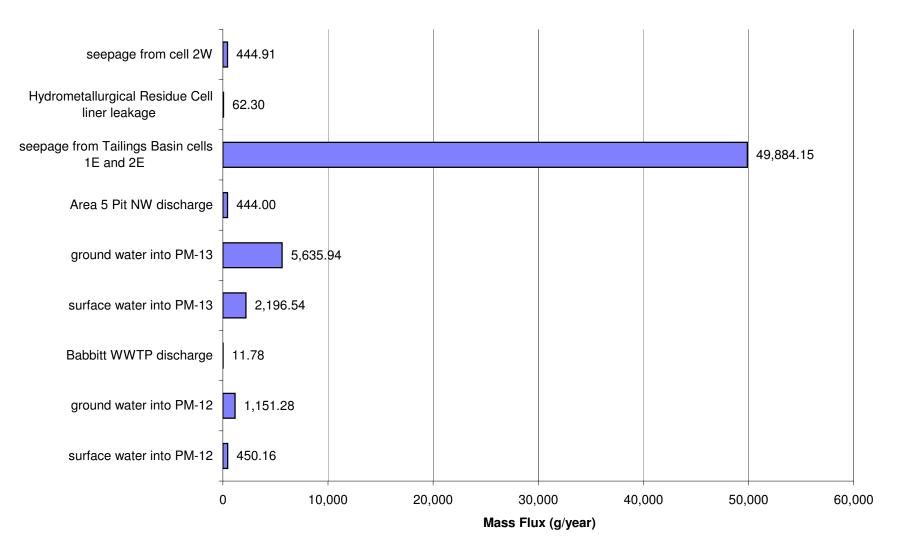
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for Low Flow for Antimony (Sb)



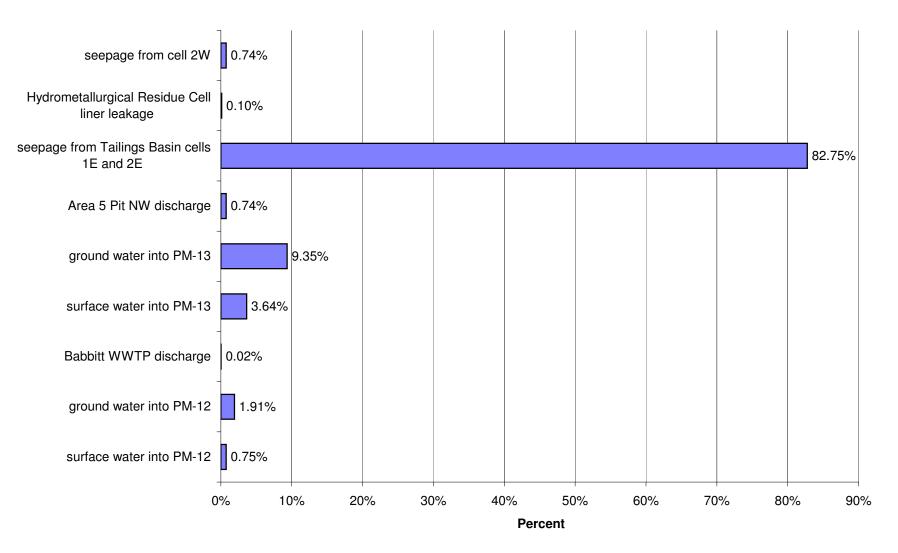
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Low Flow for Antimony (Sb)



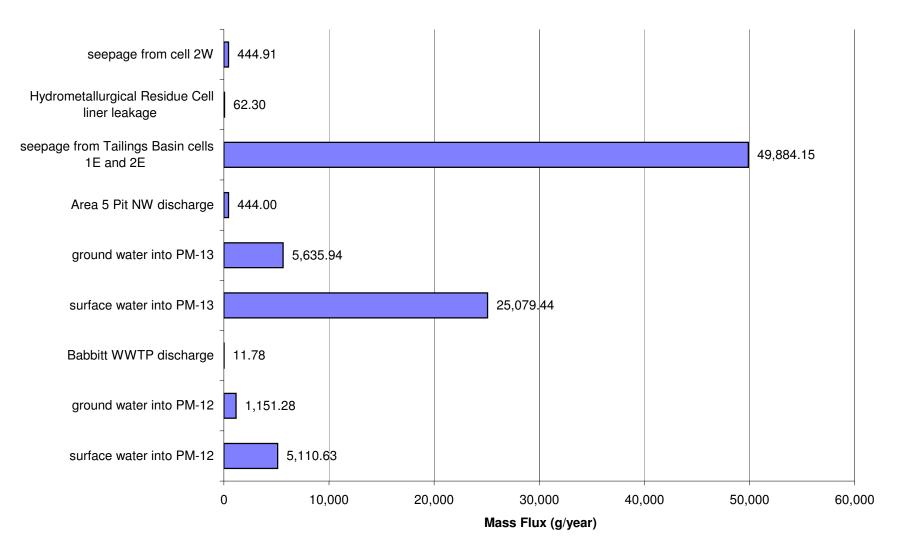
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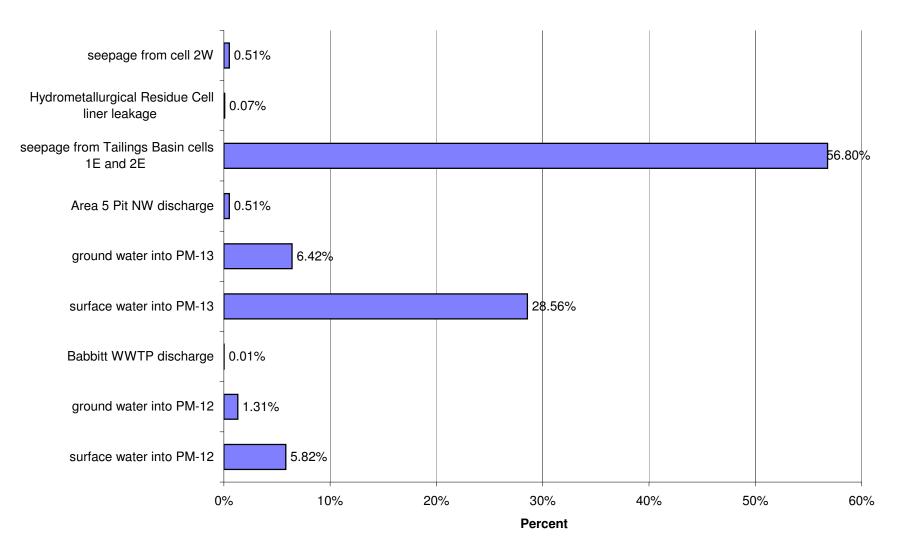
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Average Flow for Antimony (Sb)



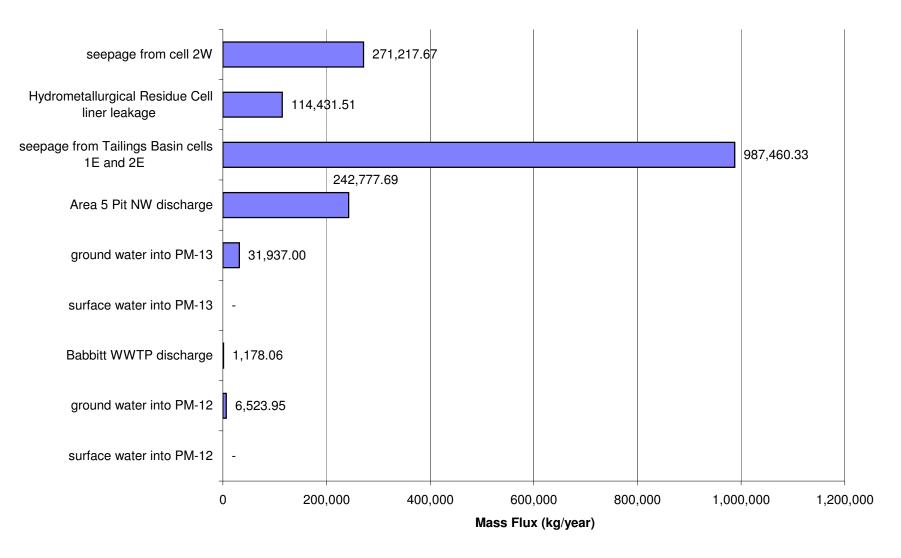
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 15 for High Flow for Antimony (Sb)



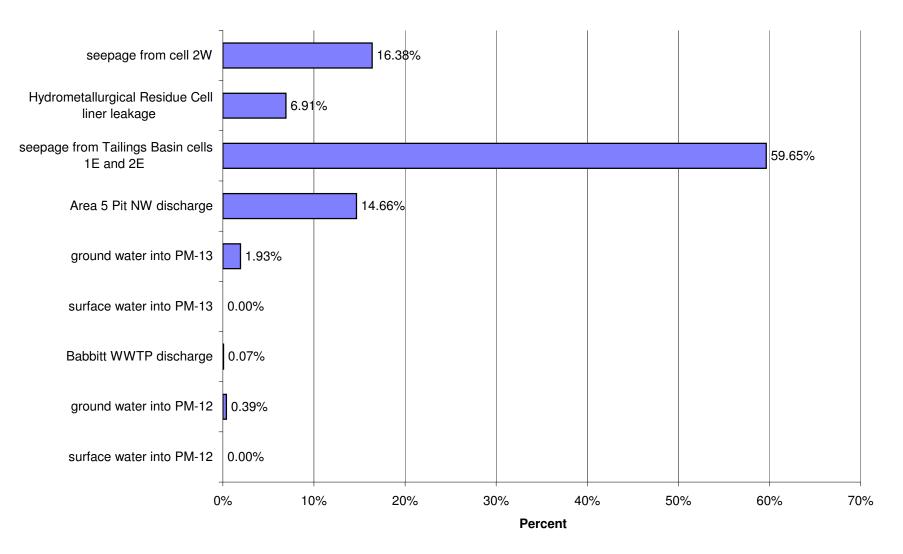
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for High Flow for Antimony (Sb)



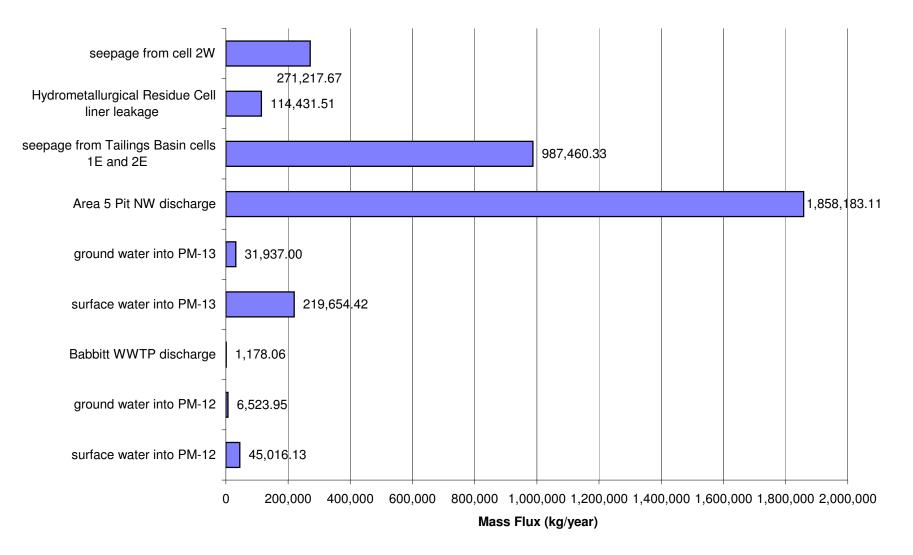
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for Low Flow for Sulfate (SO₄)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 15 for Low Flow for Sulfate (SO₄)

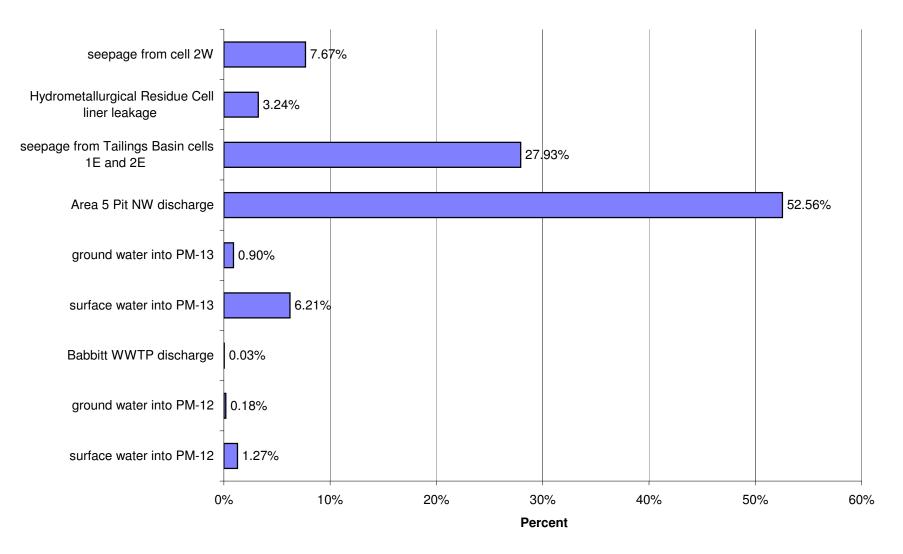


Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for Average Flow for Sulfate (SO₄)

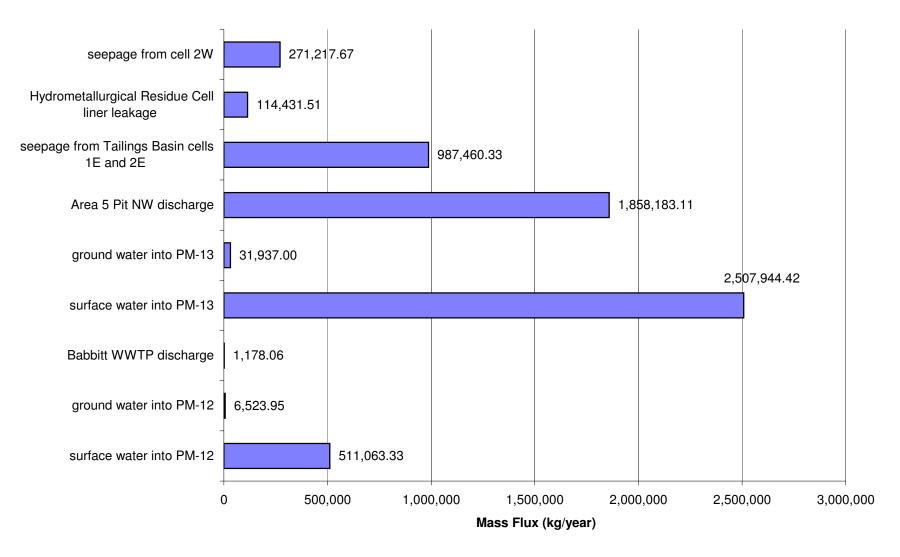


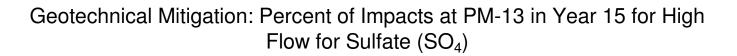
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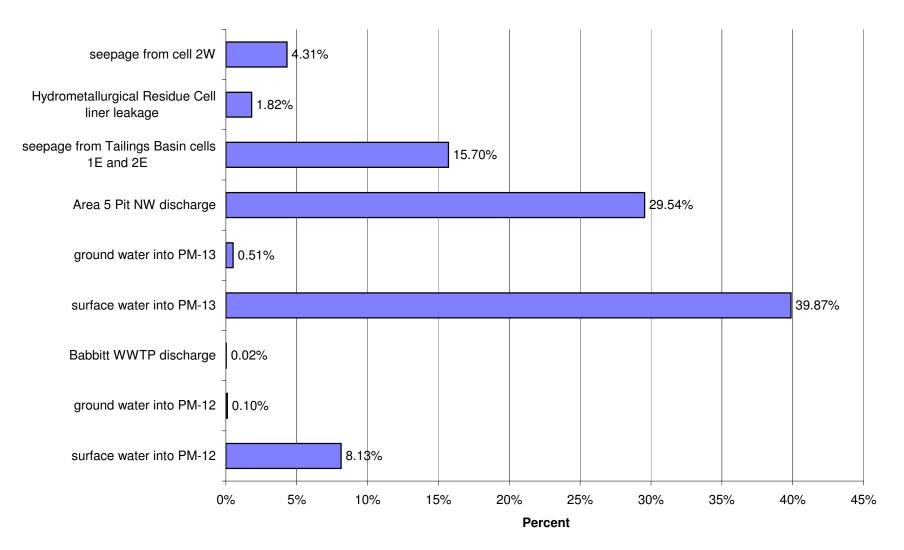




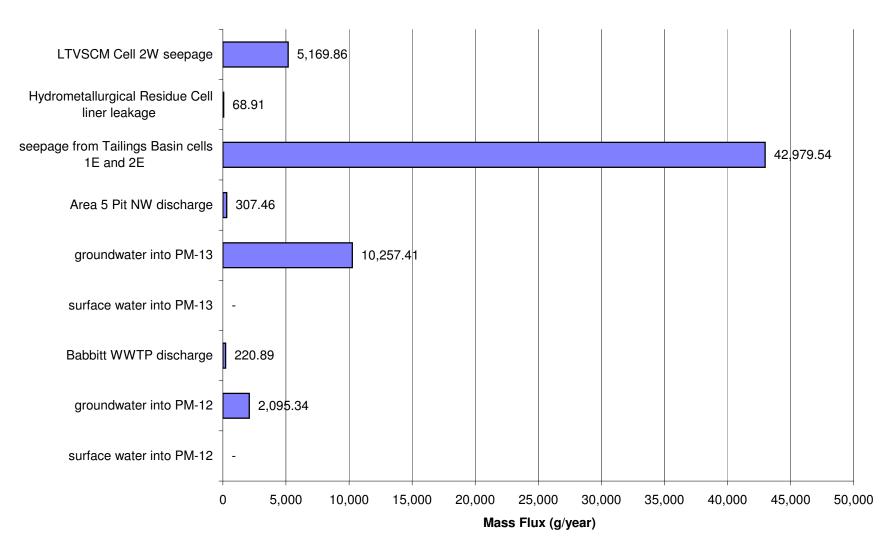
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 15 for High Flow for Sulfate (SO₄)



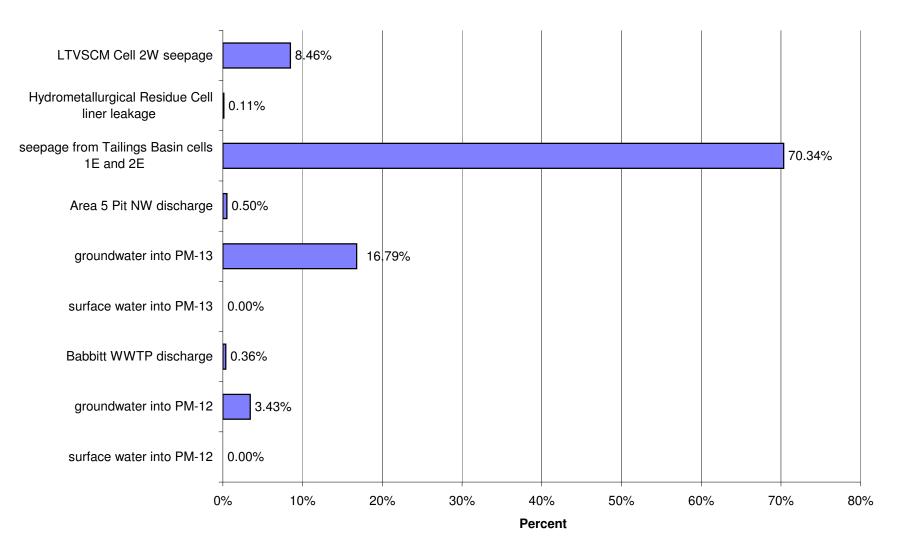




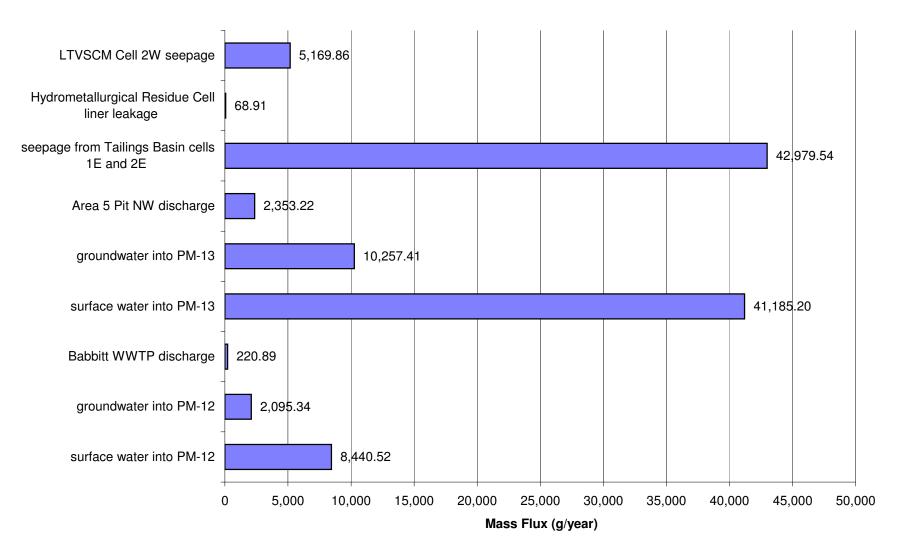
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Arsenic (As)



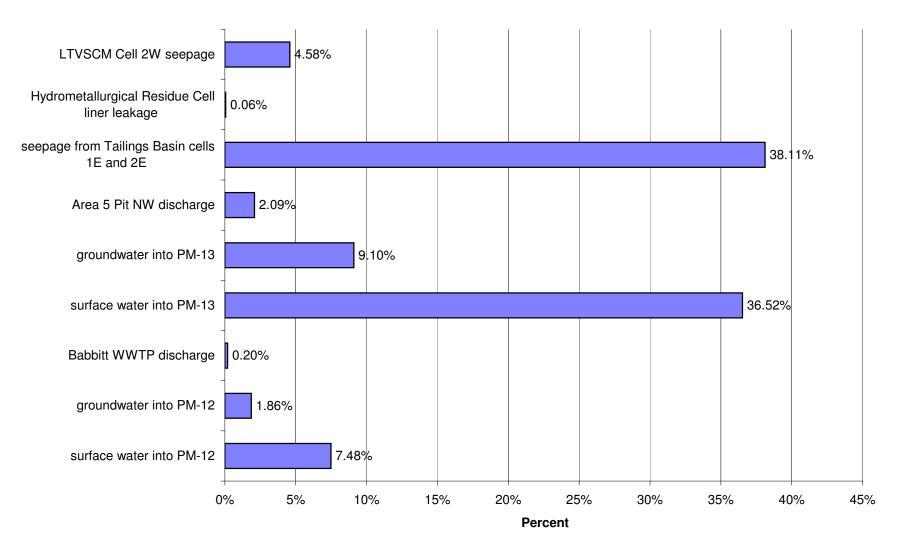
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Arsenic (As)



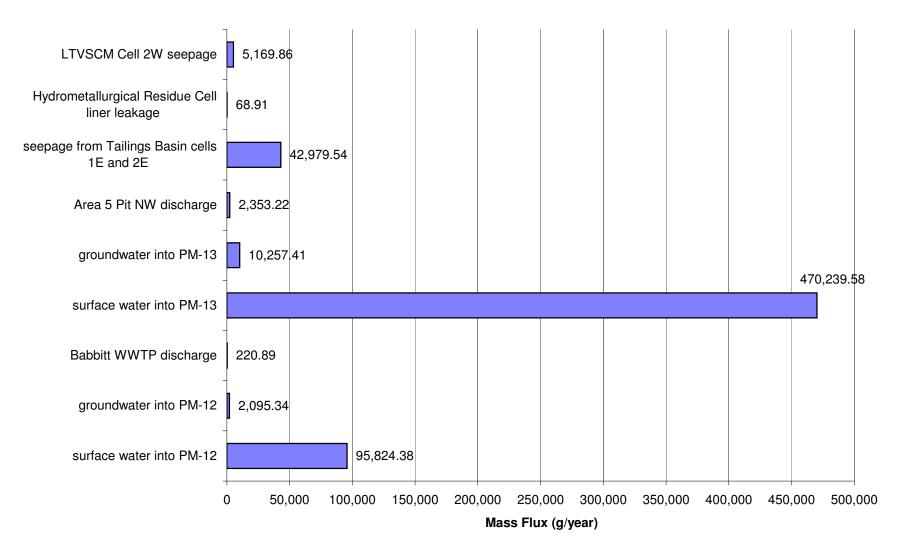
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Arsenic (As)



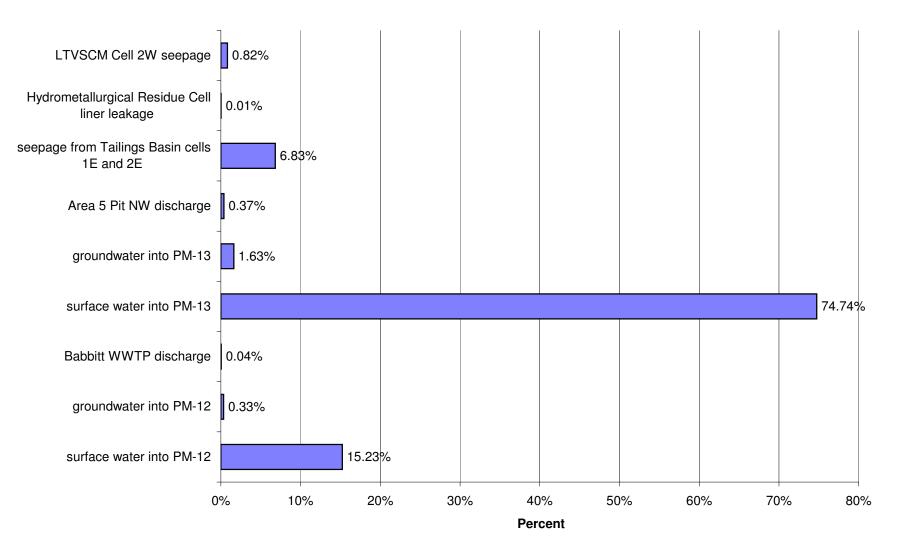




Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Arsenic (As)

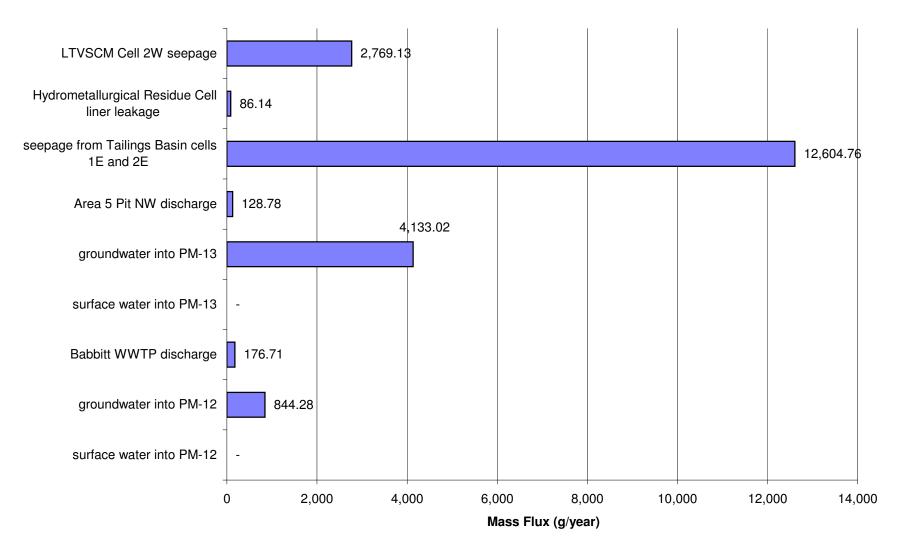


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for High Flow for Arsenic (As)

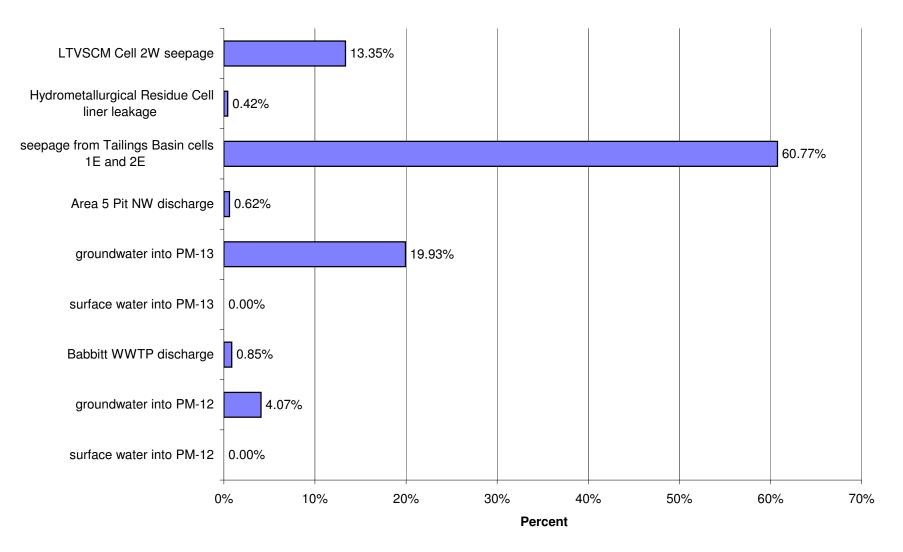


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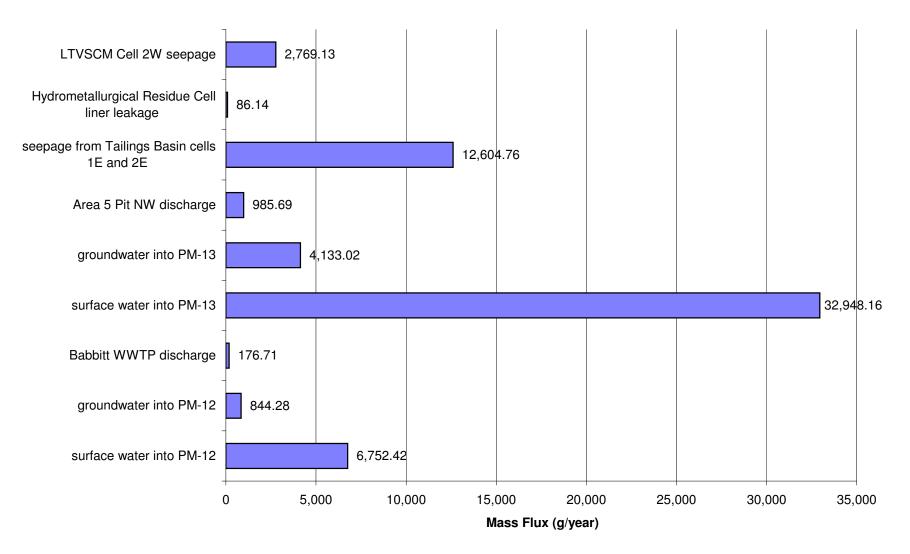
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Cobalt (Co)

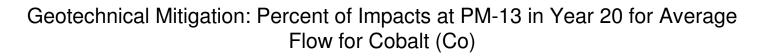


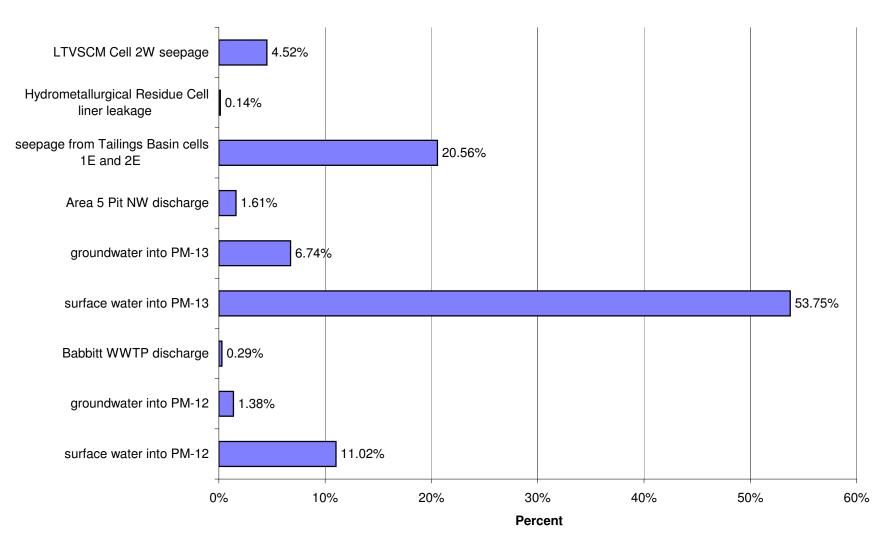
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Cobalt (Co)



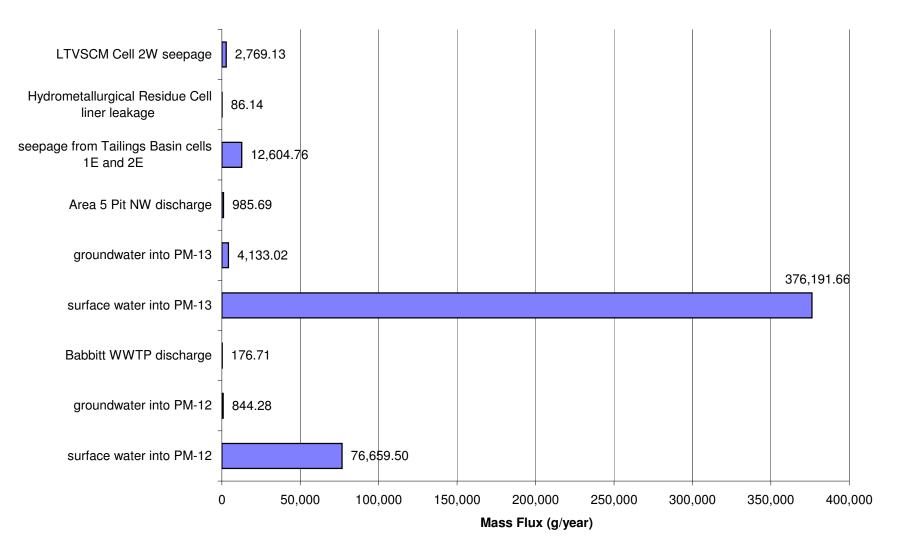
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Cobalt (Co)



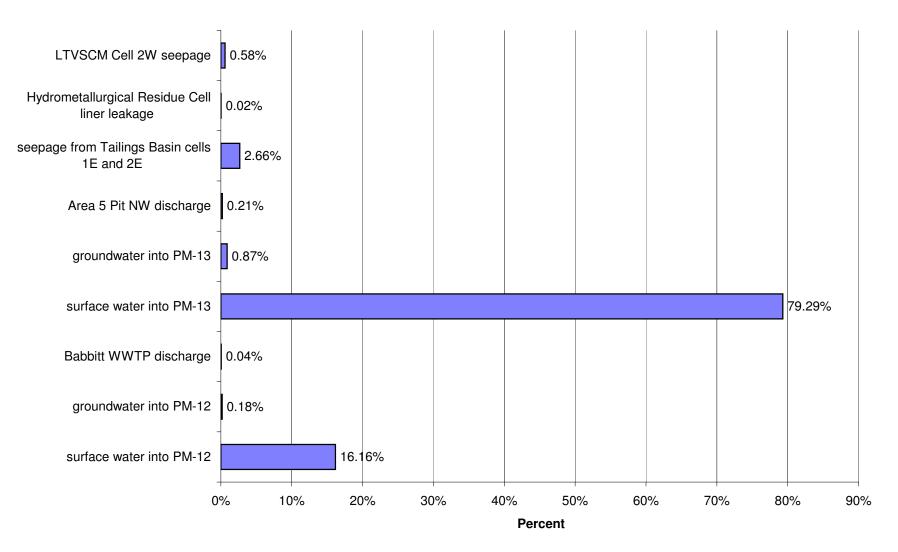




Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Cobalt (Co)

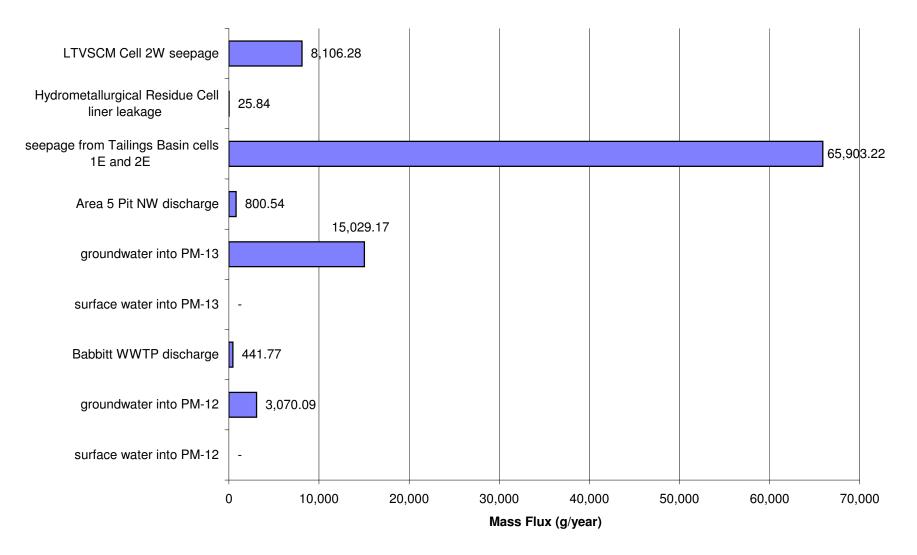


Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for High Flow for Cobalt (Co)

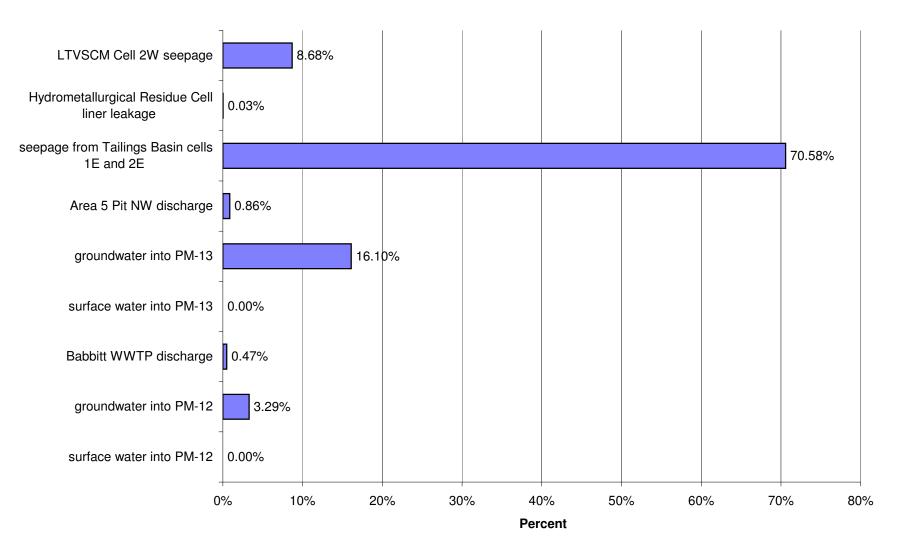


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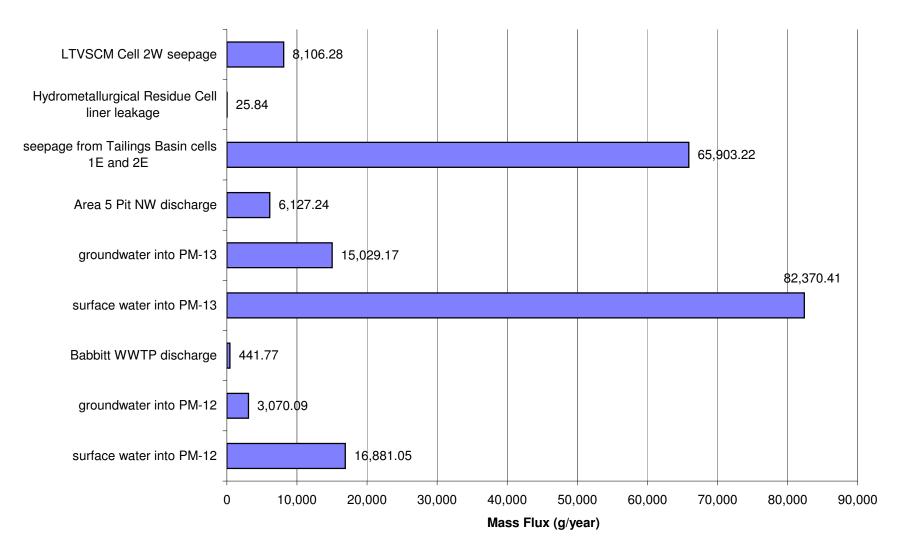
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Copper (Cu)



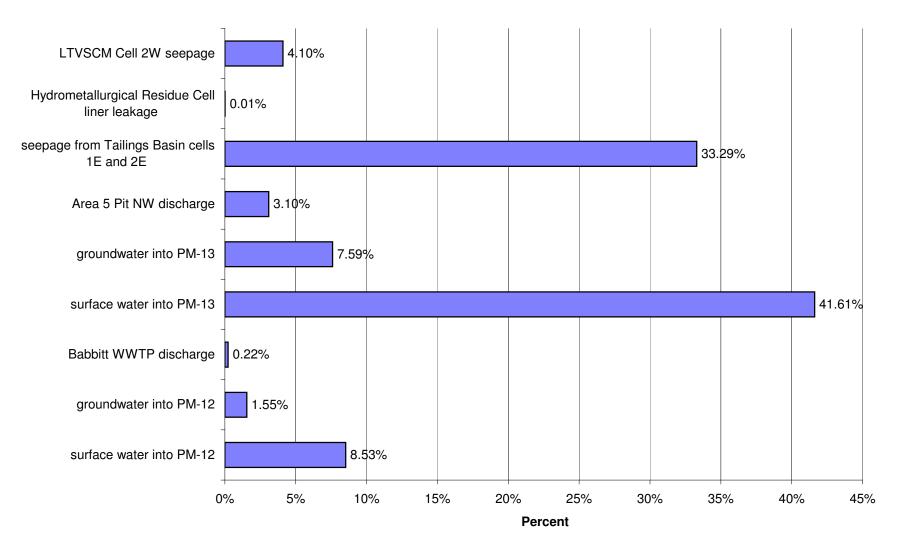
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Copper (Cu)



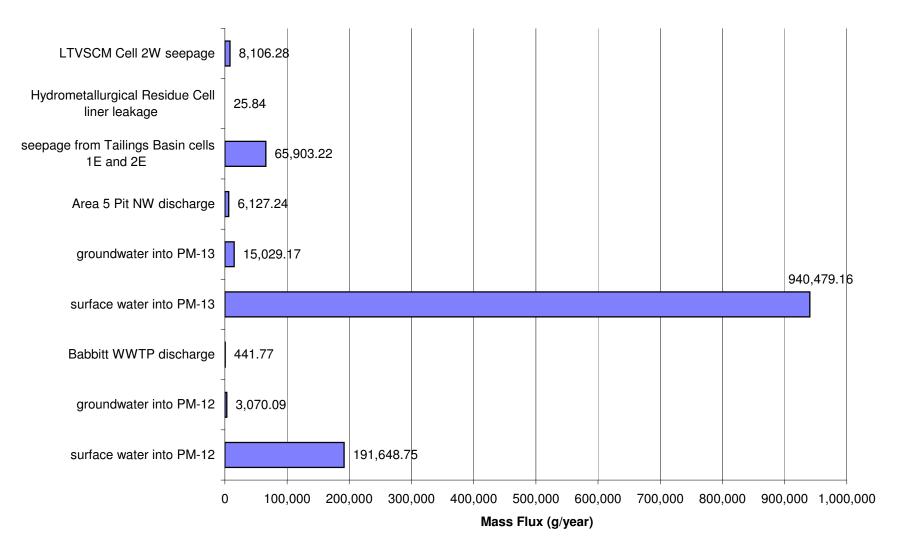
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Copper (Cu)



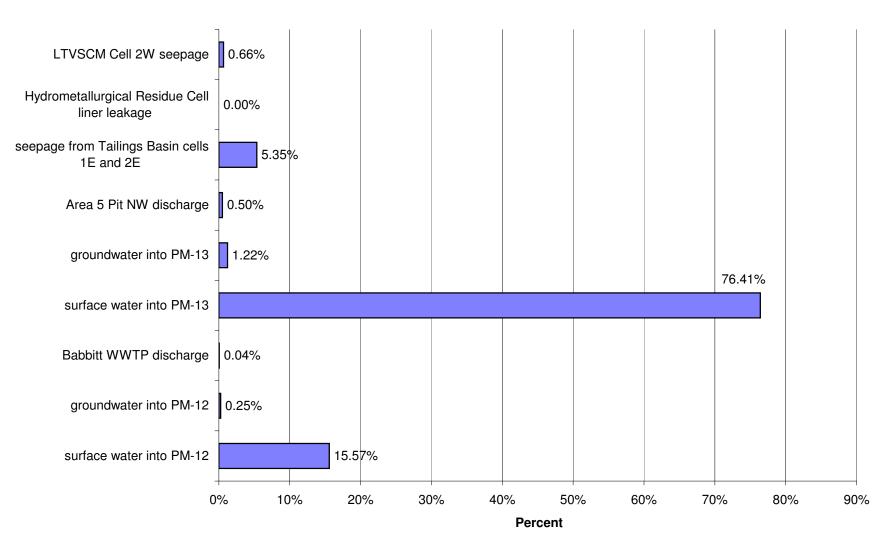




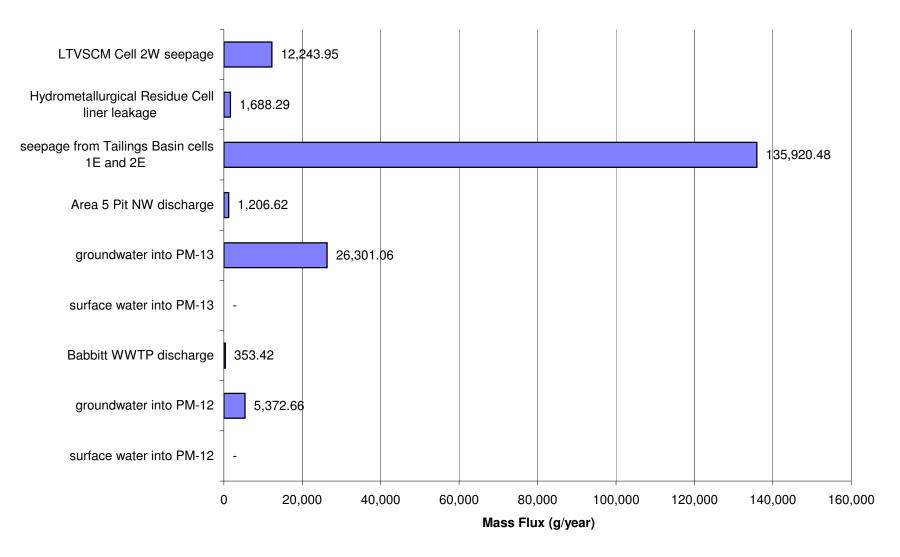
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Copper (Cu)



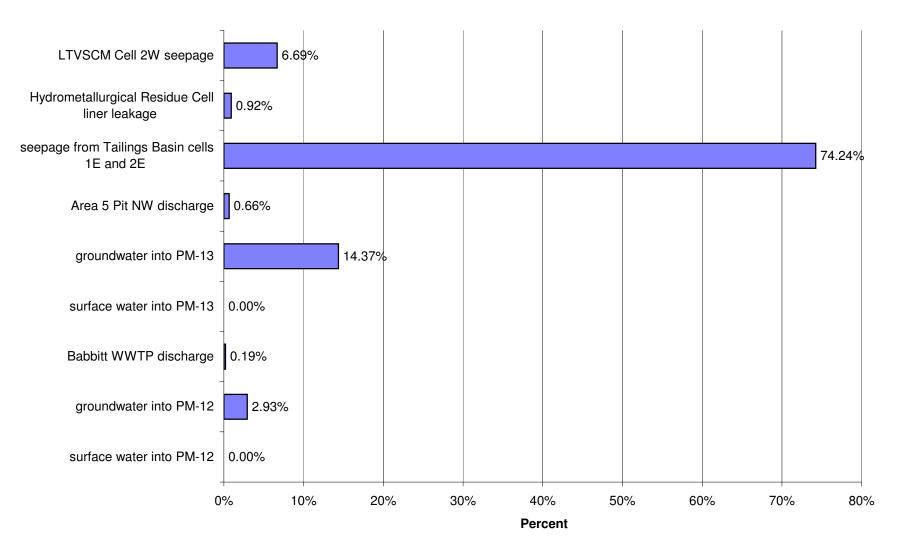
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for High Flow for Copper (Cu)



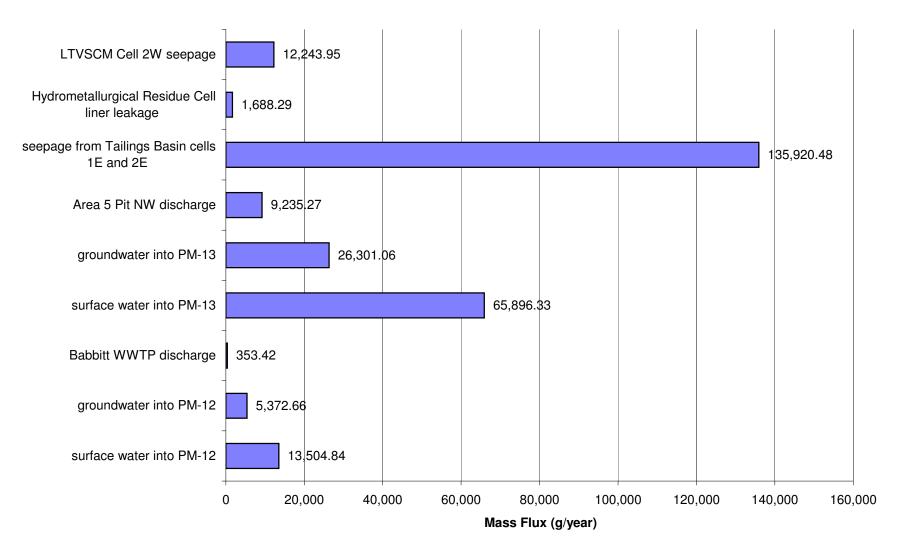
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Nickel (Ni)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Nickel (Ni)

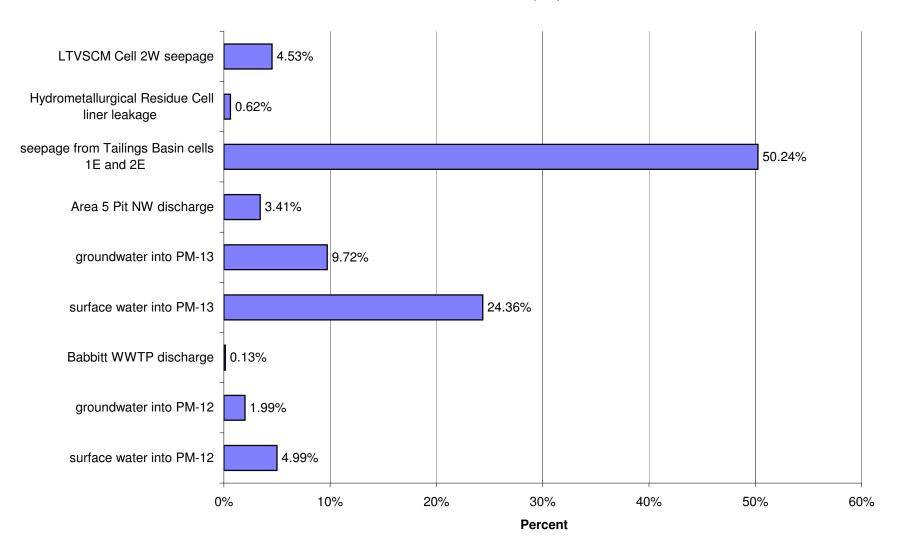


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Nickel (Ni)

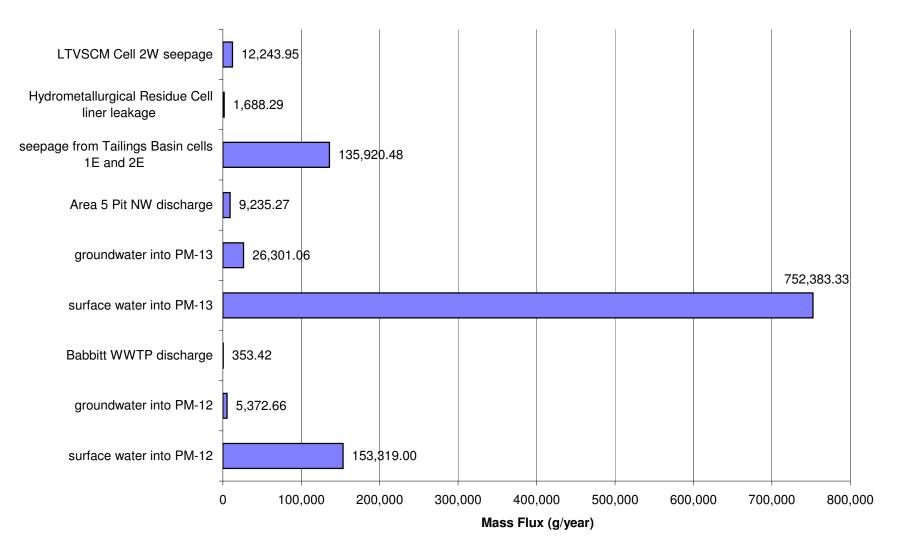


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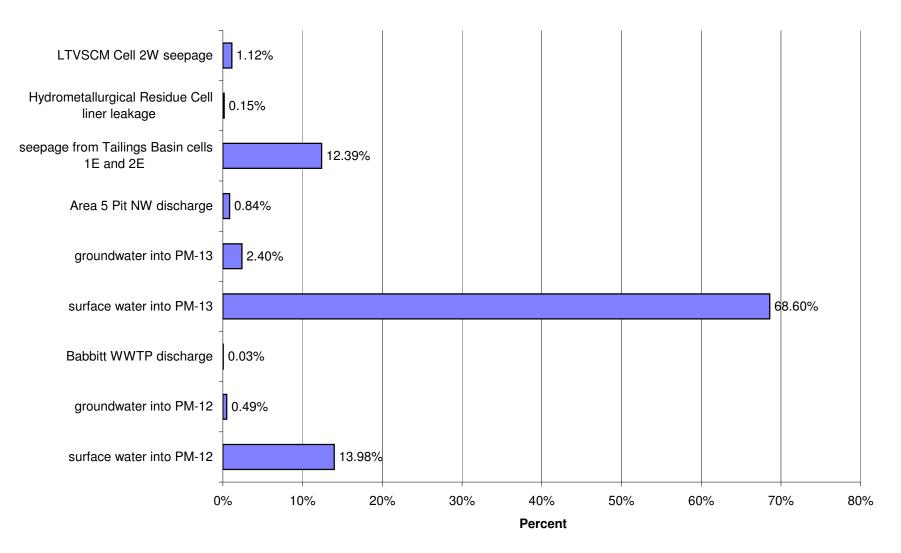
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Average Flow for Nickel (Ni)



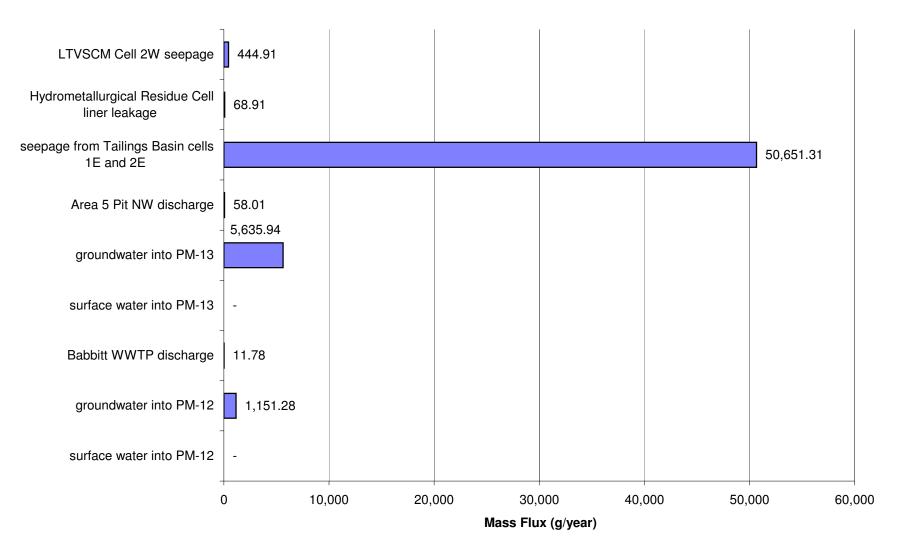
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Nickel (Ni)



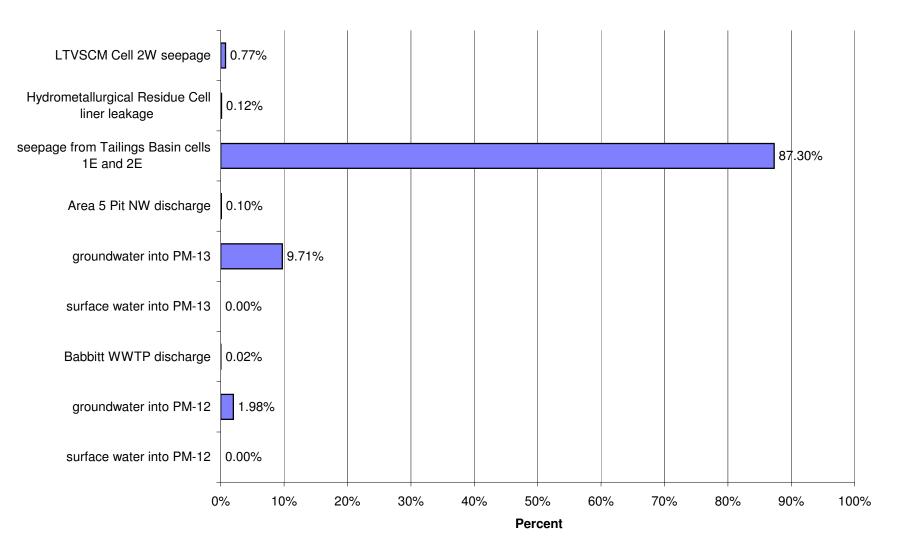
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for High Flow for Nickel (Ni)



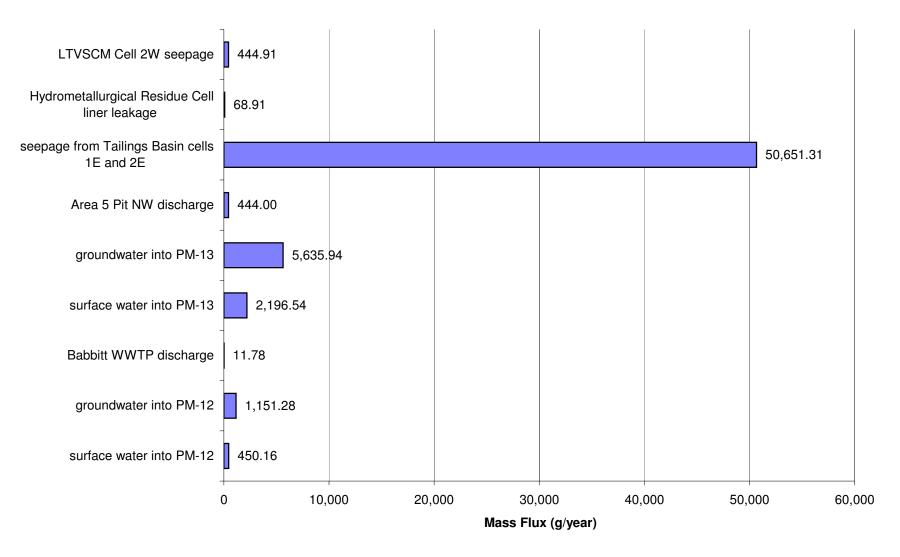
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Low Flow for Antimony (Sb)



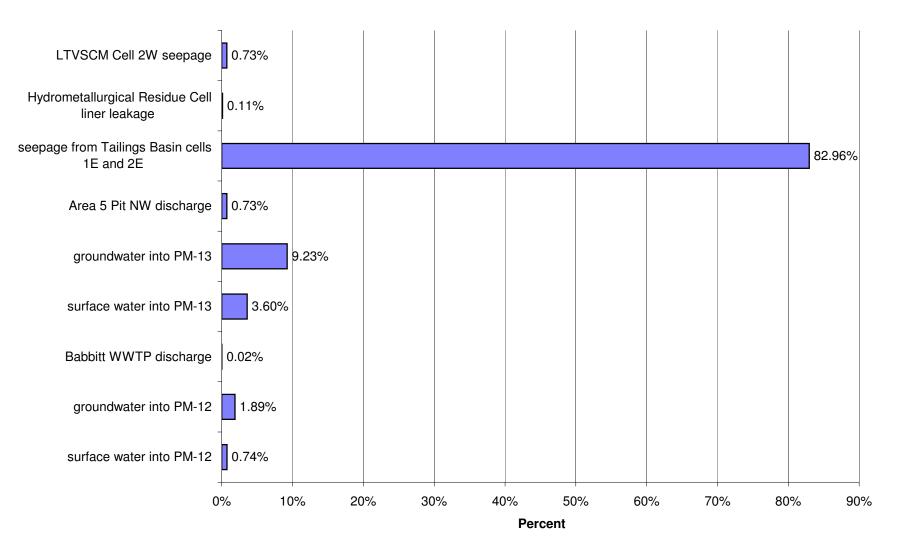
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Antimony (Sb)



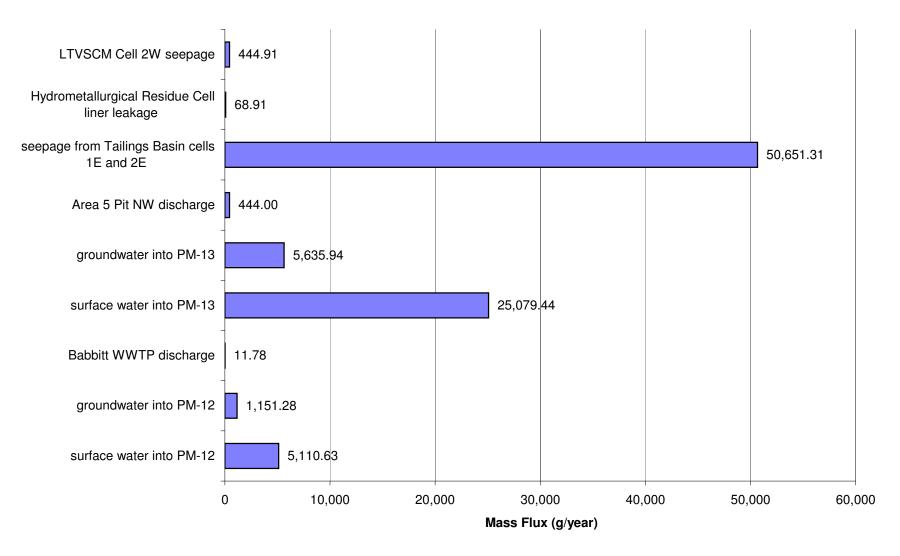
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for Average Flow for Antimony (Sb)



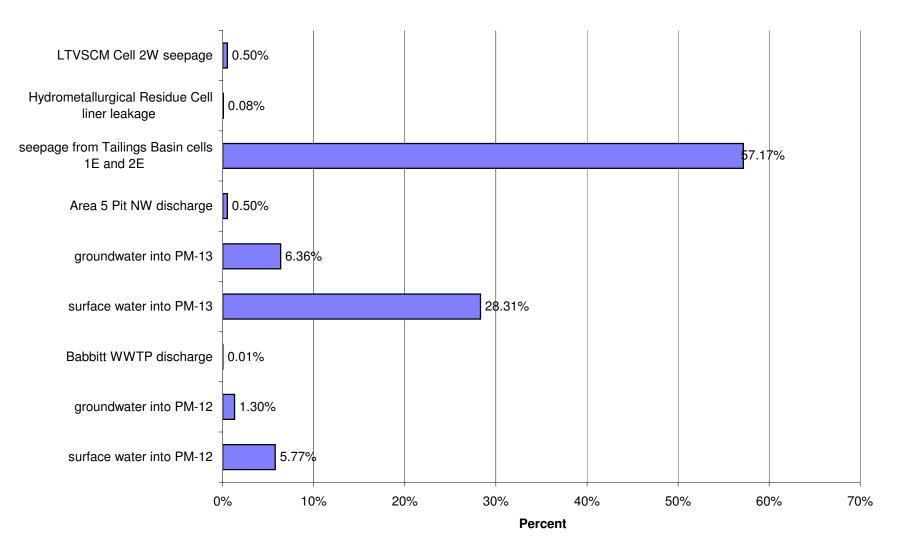
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Average Flow for Antimony (Sb)



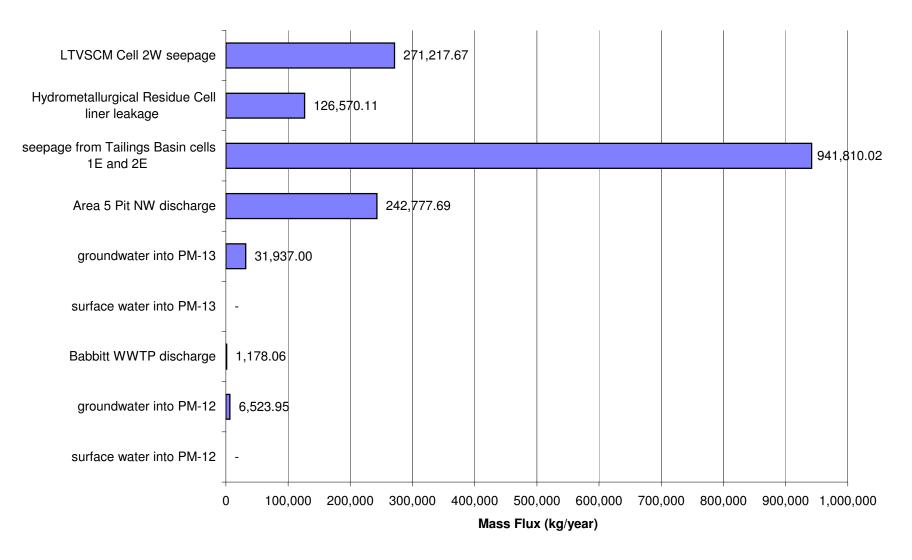
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Year 20 for High Flow for Antimony (Sb)



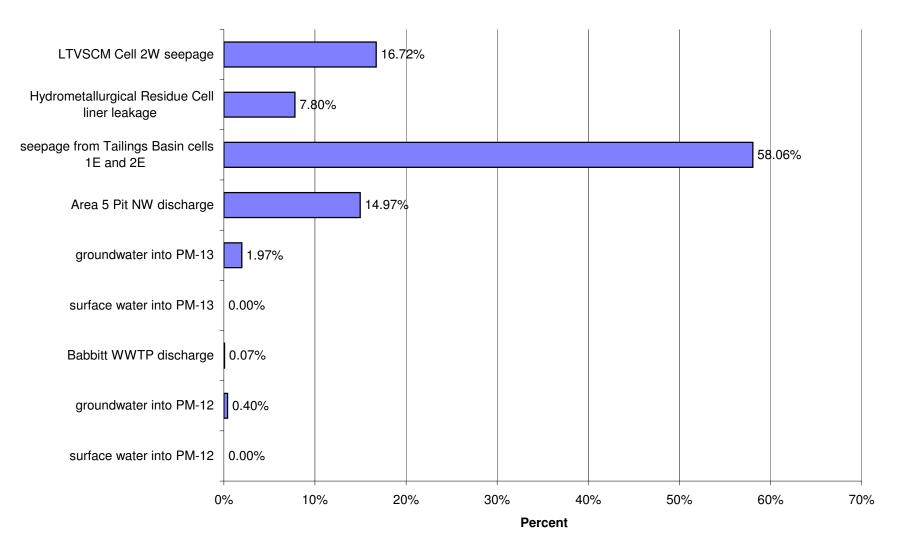
Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for High Flow for Antimony (Sb)



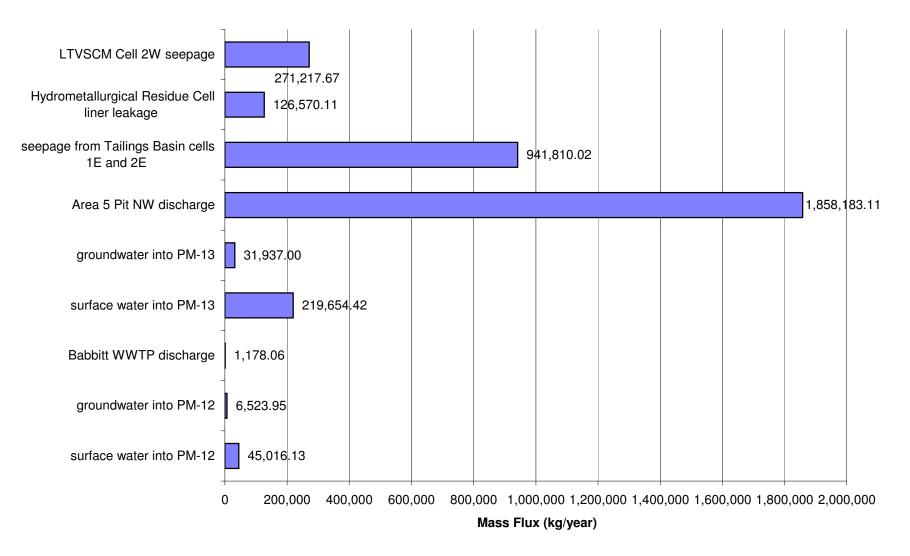
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for Low Flow for Sulfate (SO₄)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Year 20 for Low Flow for Sulfate (SO₄)

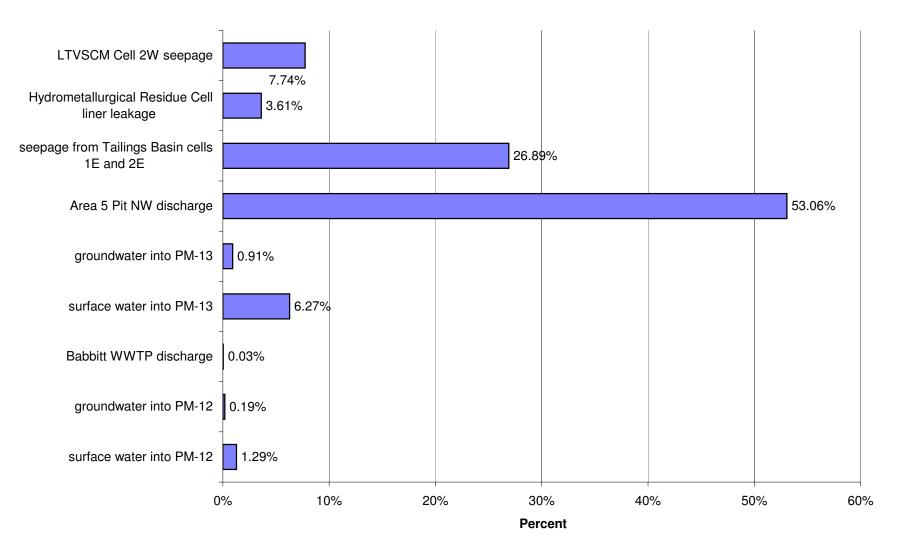


Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for Average Flow for Sulfate (SO4)

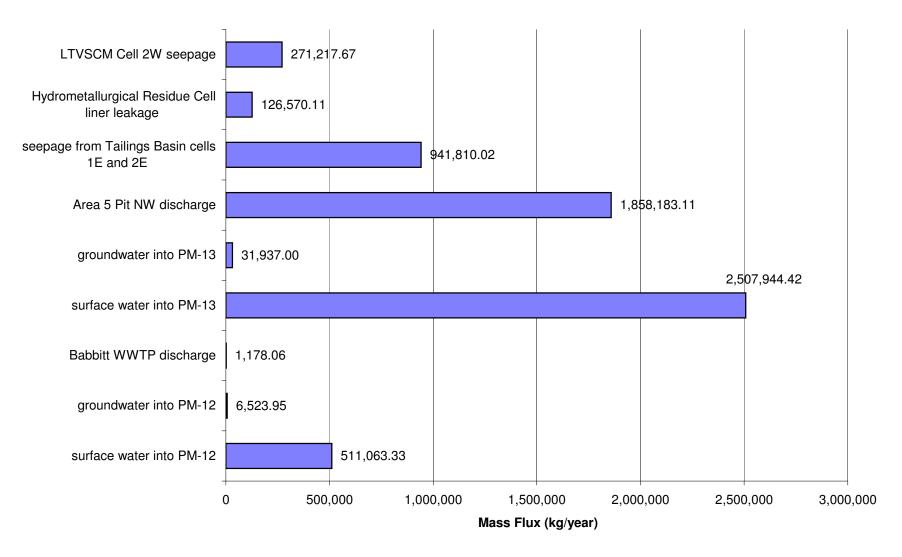


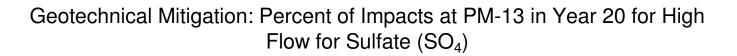
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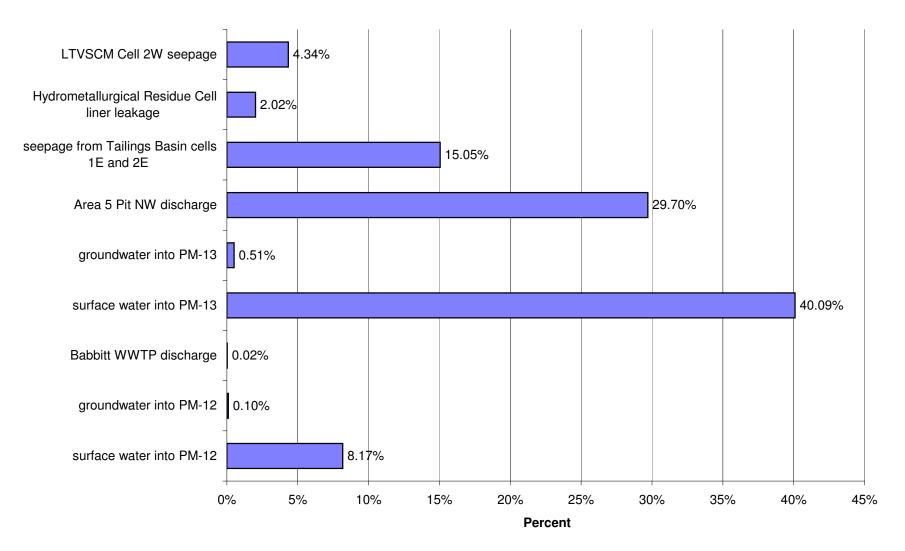




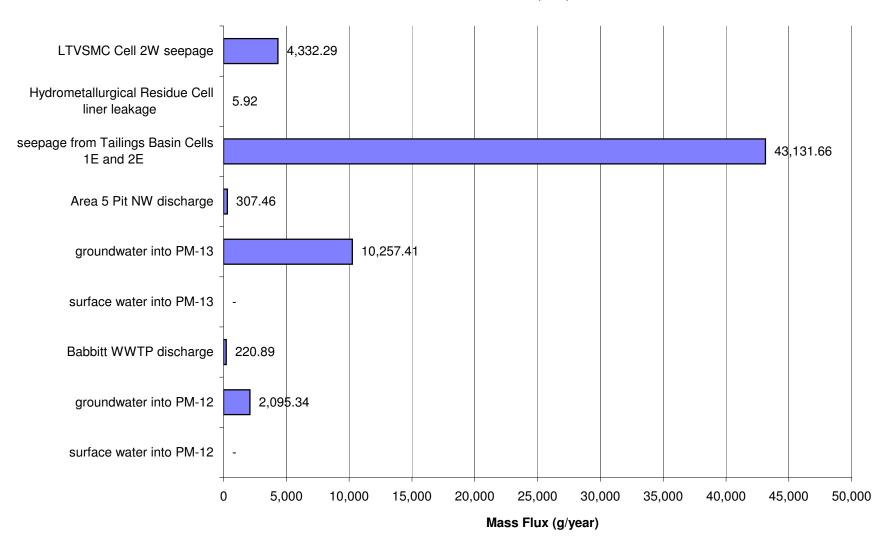
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Year 20 for High Flow for Sulfate (SO₄)

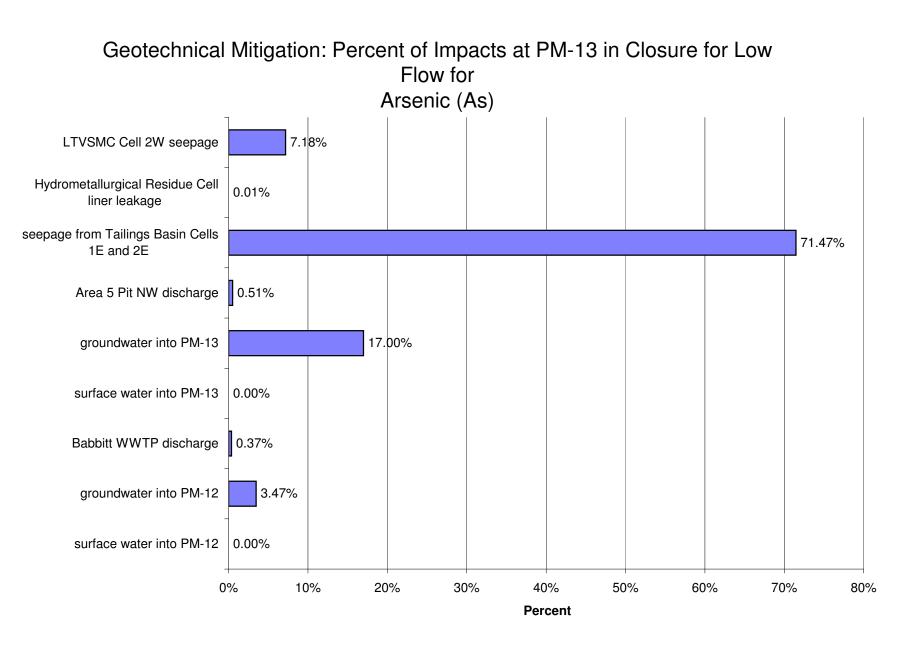




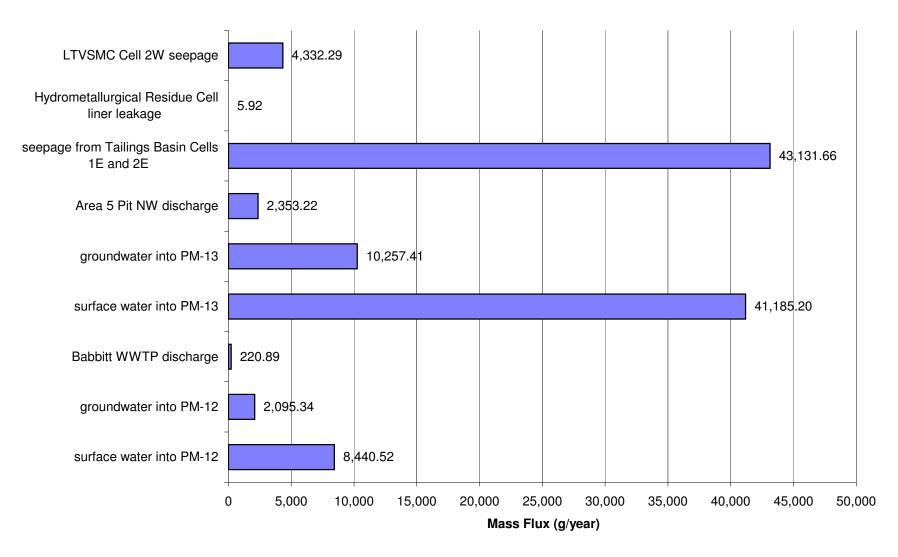


Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Arsenic (As)

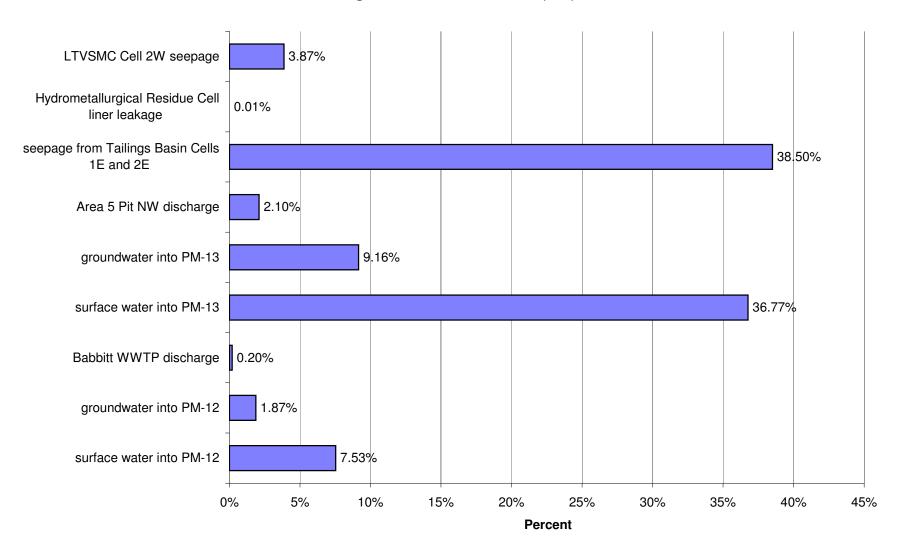




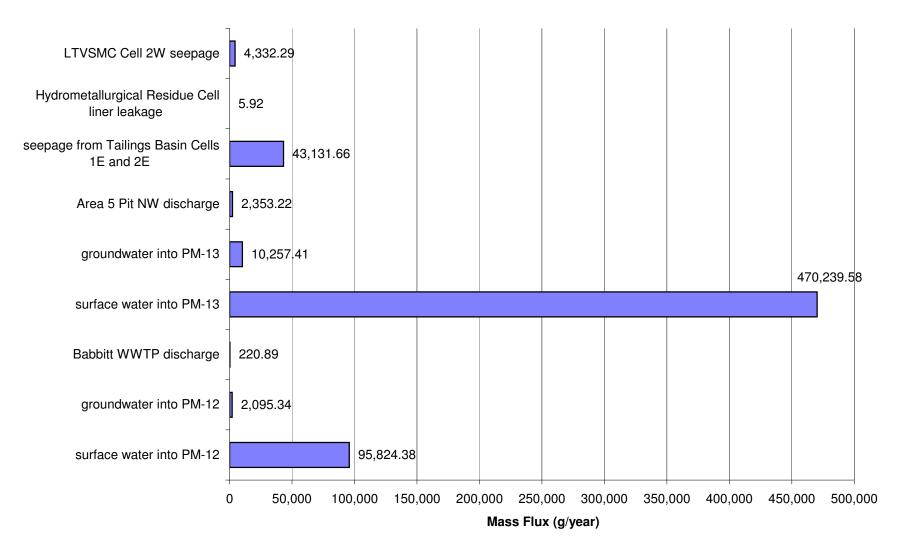
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Arsenic (As)



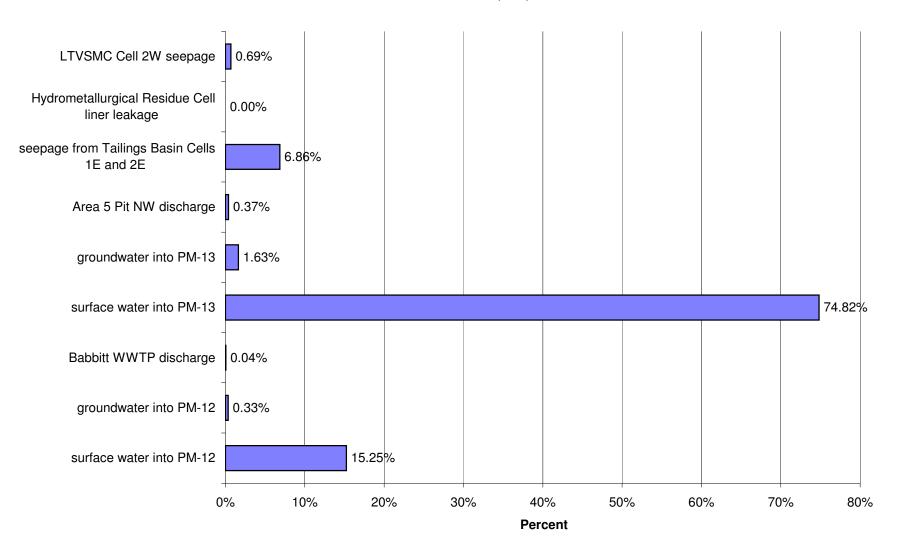
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Arsenic (As)



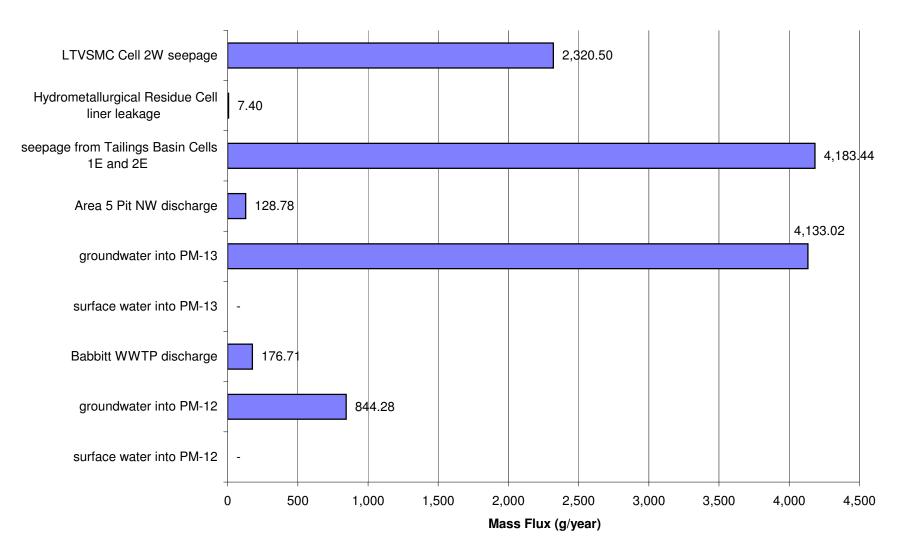
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Arsenic (As)



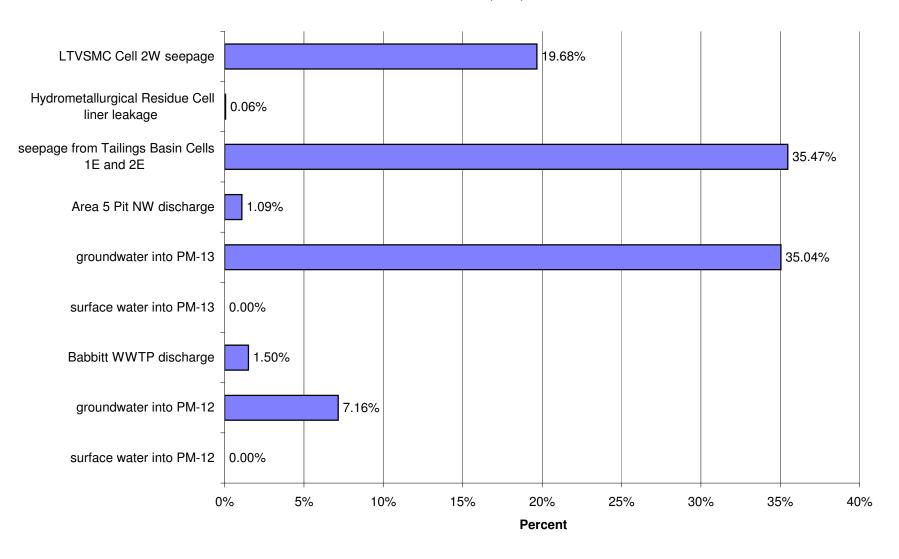
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for High Flow for Arsenic (As)



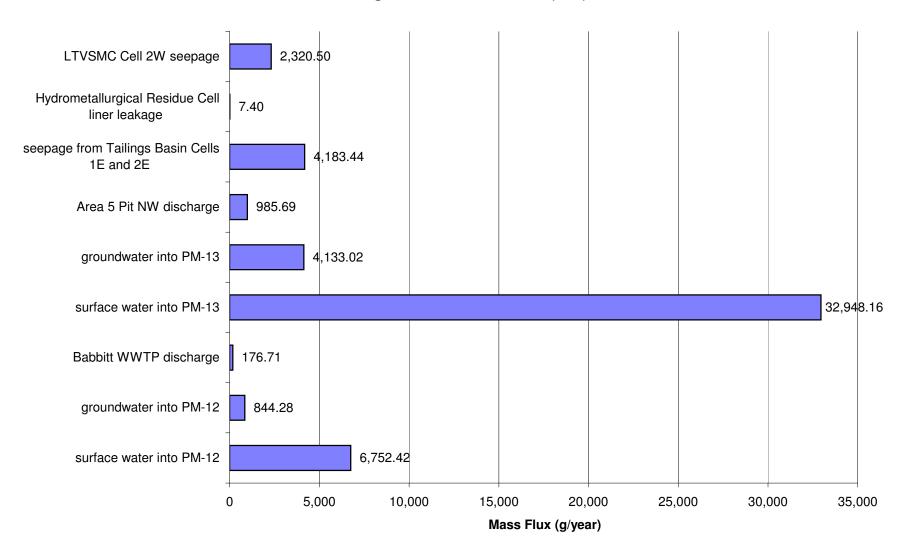
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Cobalt (Co)



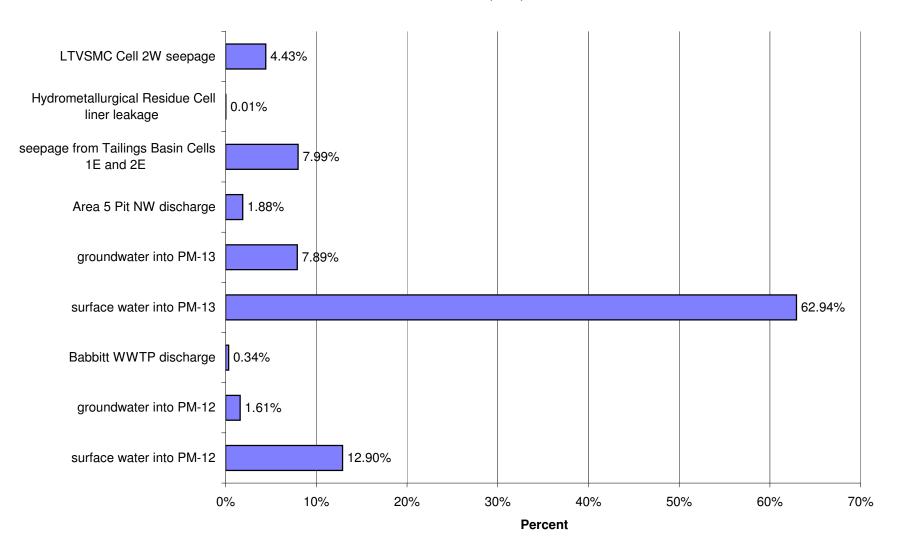
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Low Flow for Cobalt (Co)



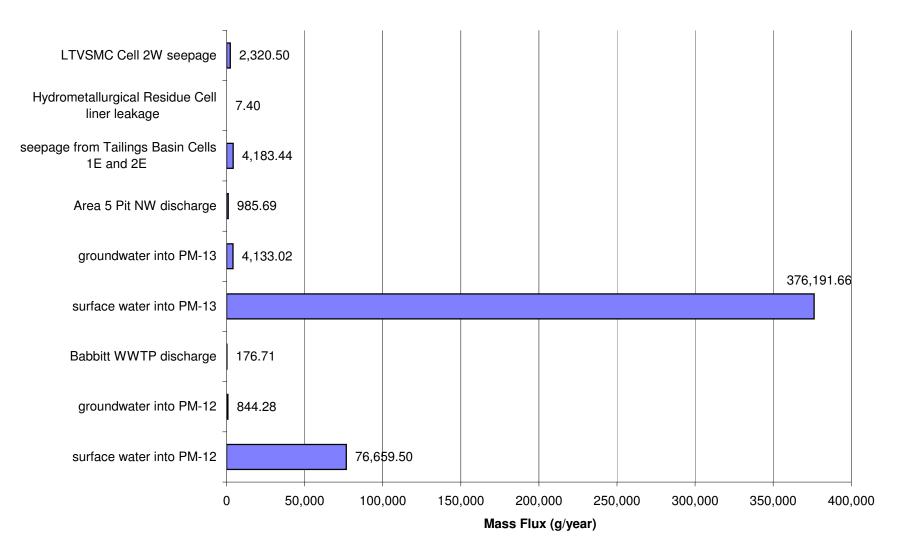
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Cobalt (Co)



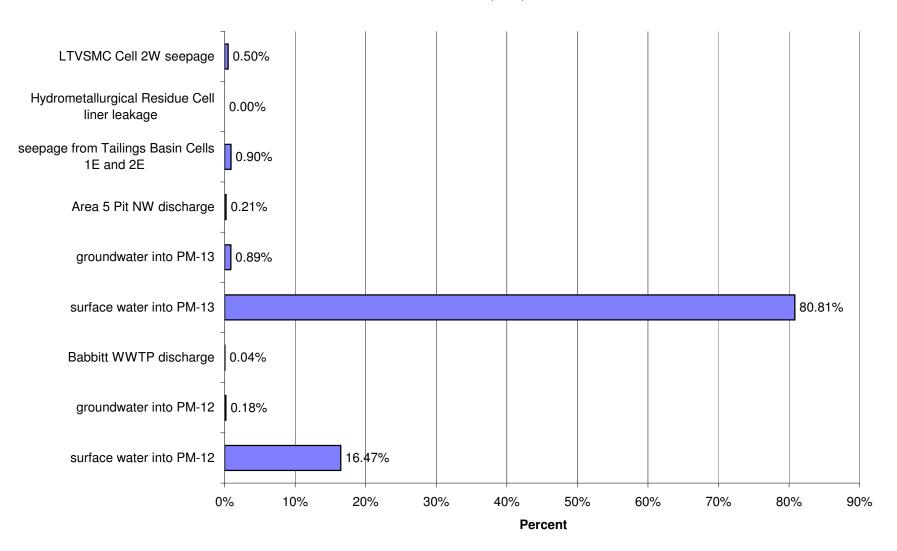
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Cobalt (Co)



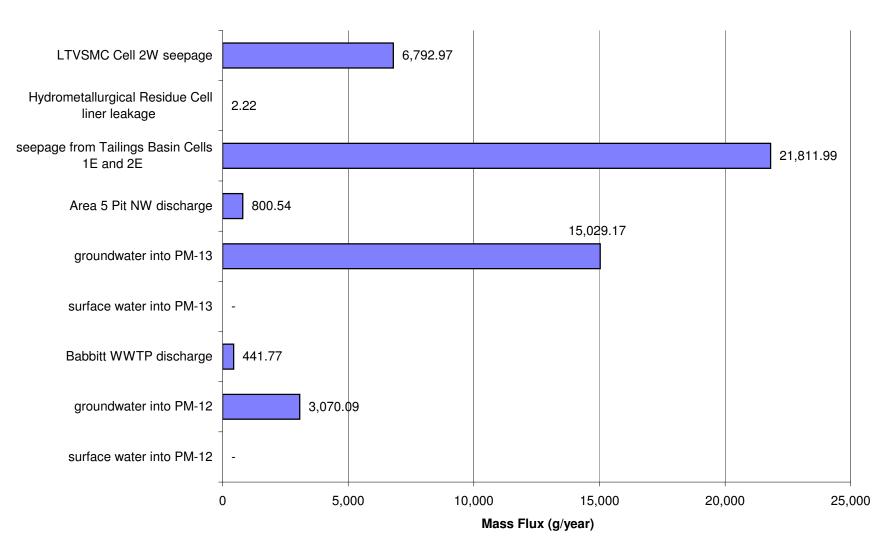
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Cobalt (Co)



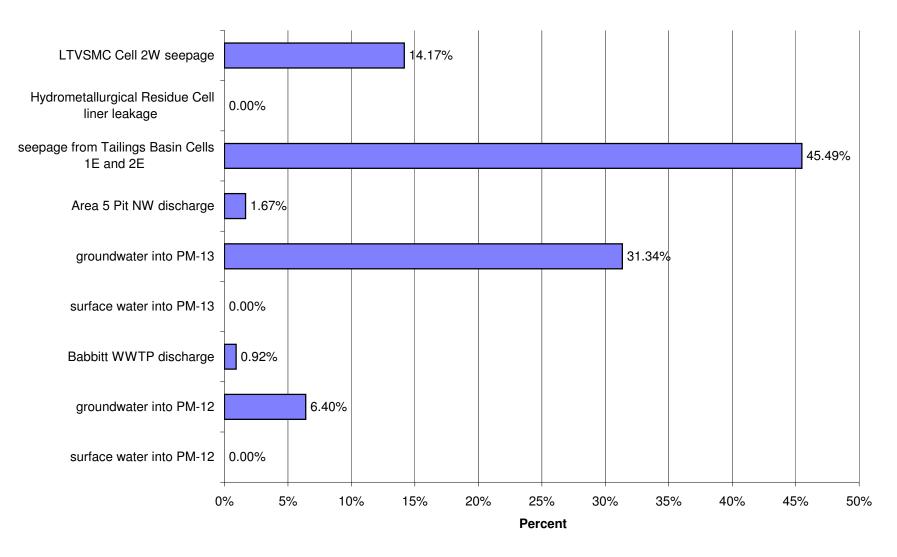
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for High Flow for Cobalt (Co)



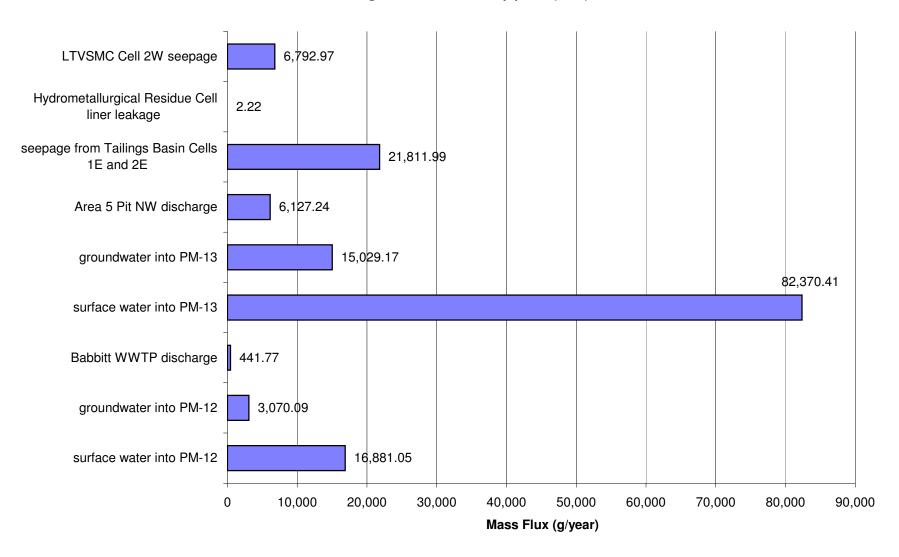
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Copper (Cu)



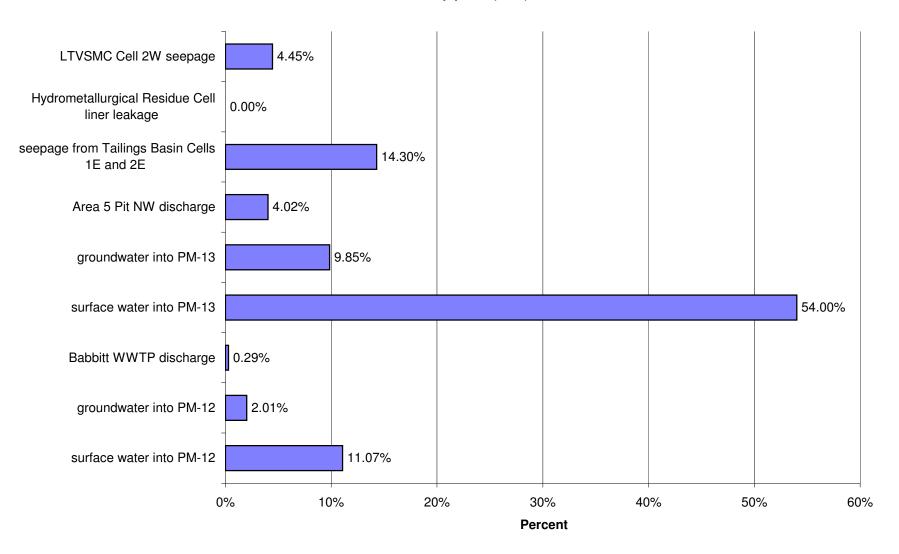
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Low Flow for Copper (Cu)



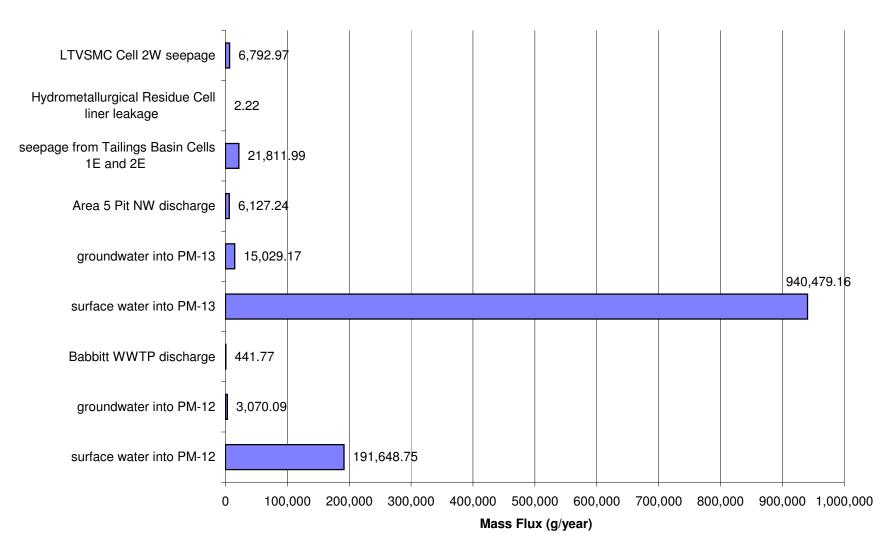
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Copper (Cu)



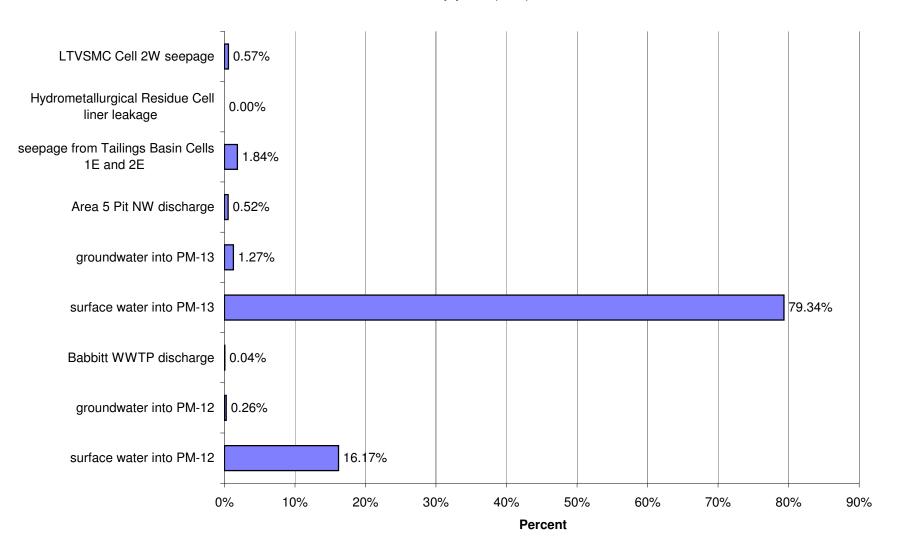
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Copper (Cu)



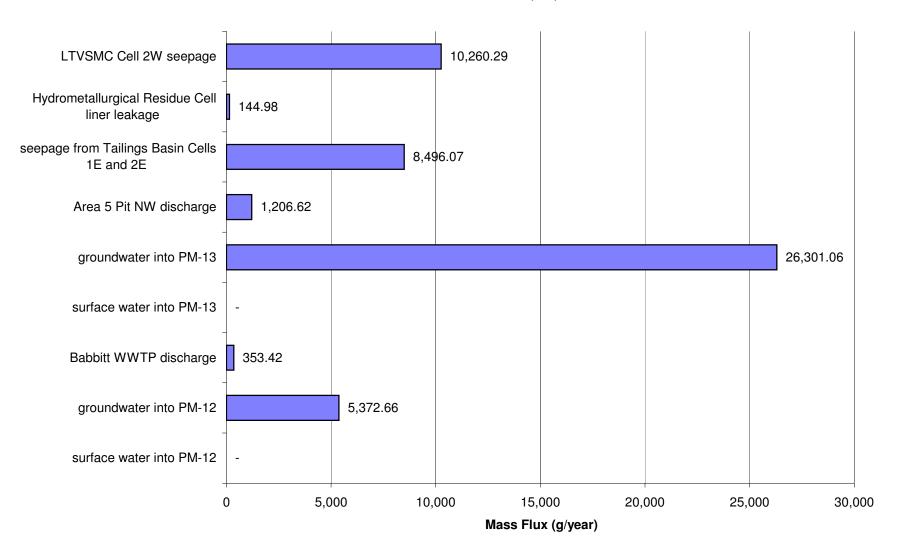
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Copper (Cu)



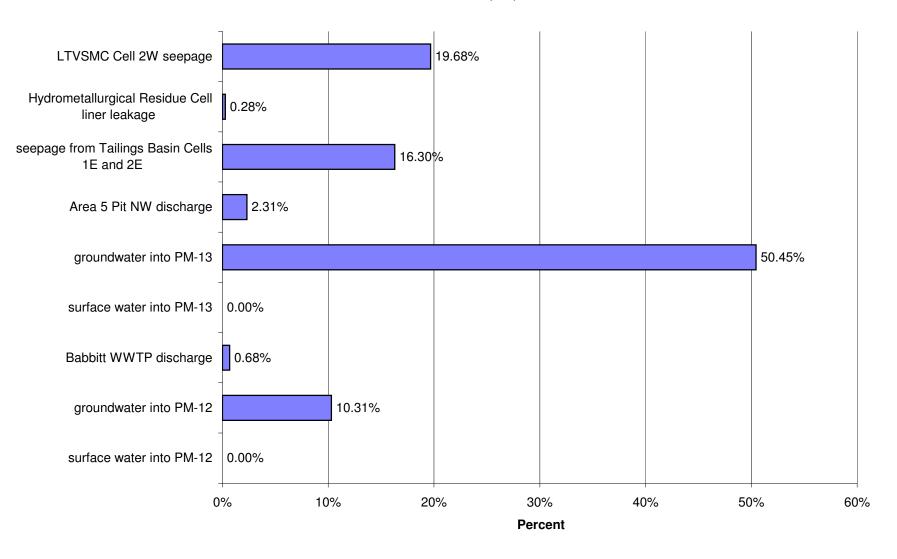
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for High Flow for Copper (Cu)



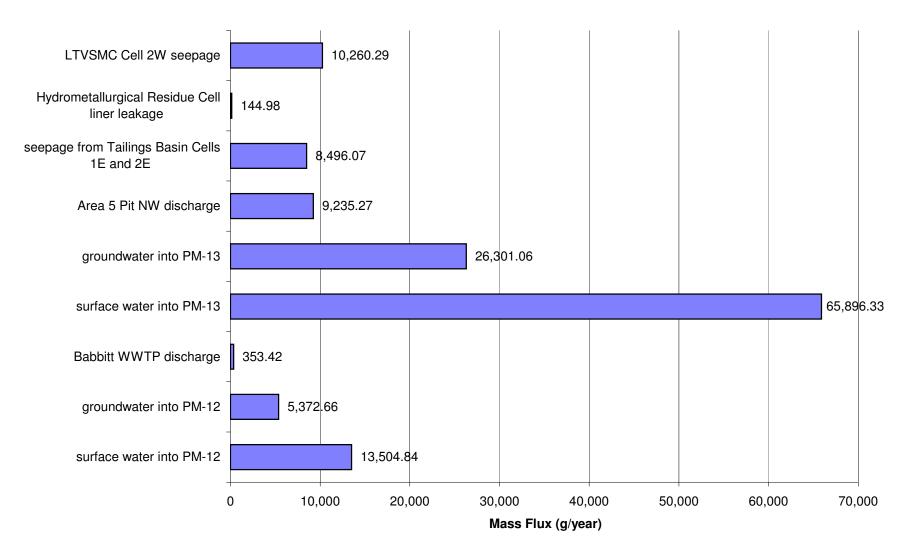
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Nickel (Ni)



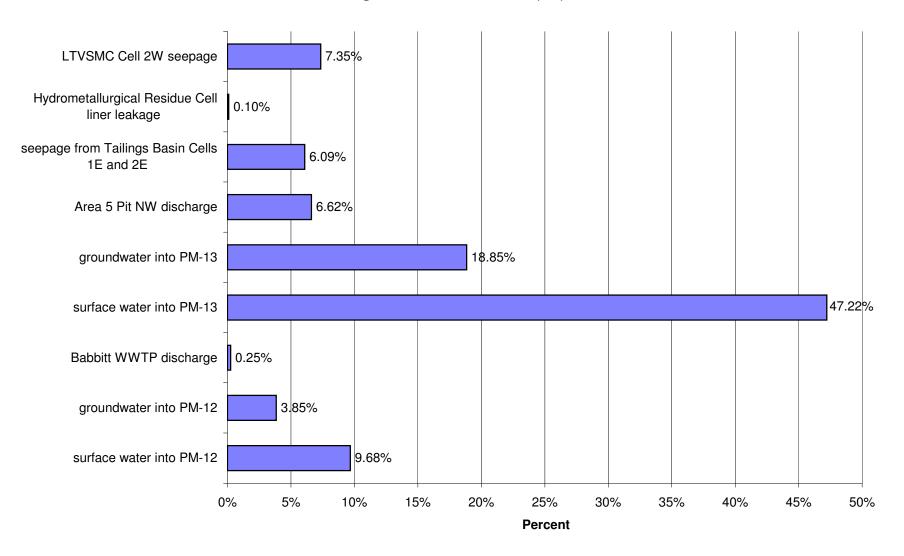
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Low Flow for Nickel (Ni)



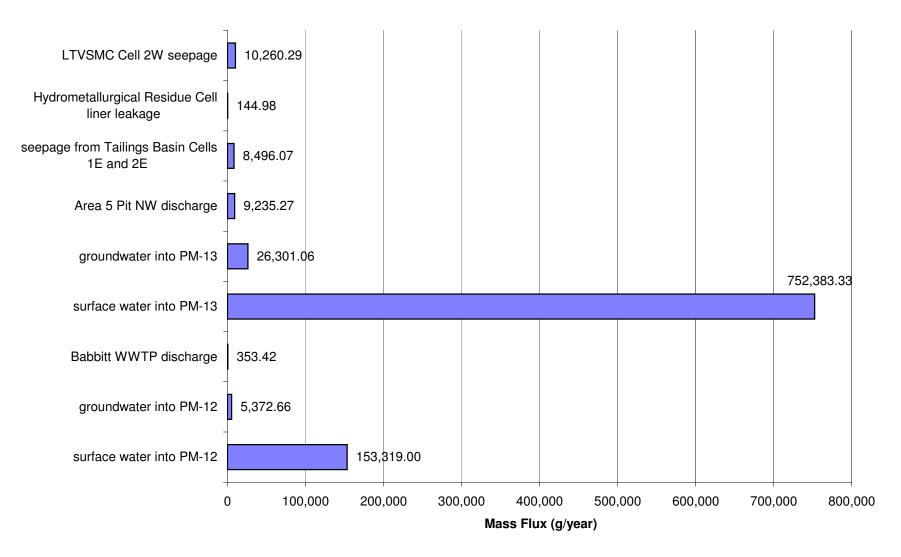
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Nickel (Ni)



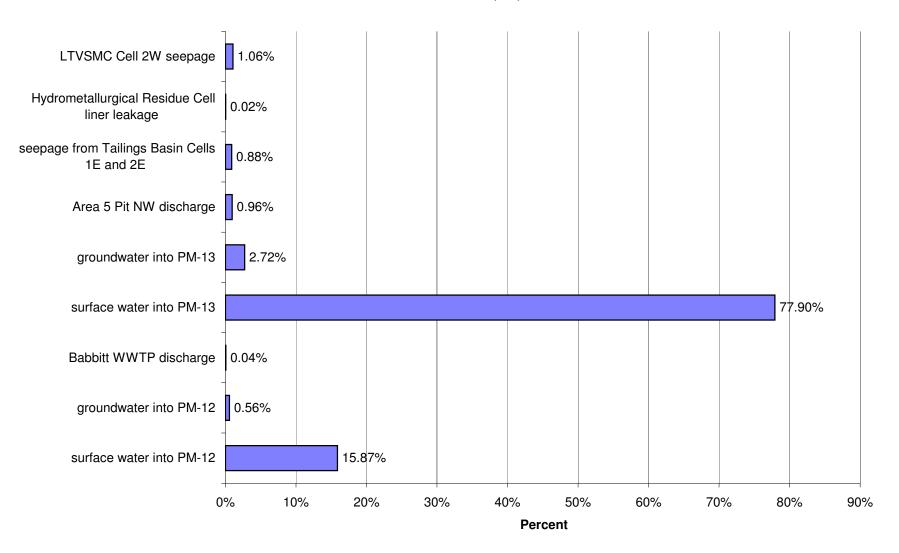
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Nickel (Ni)



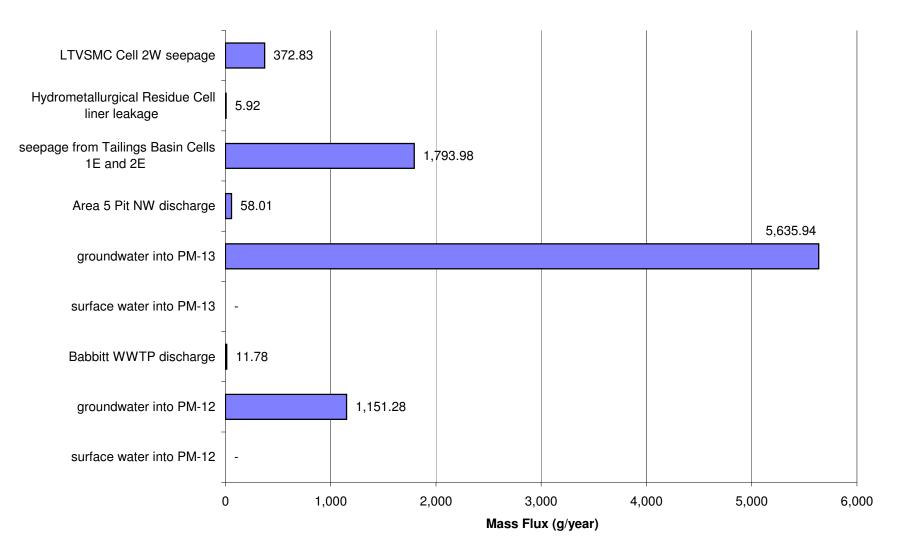
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Nickel (Ni)



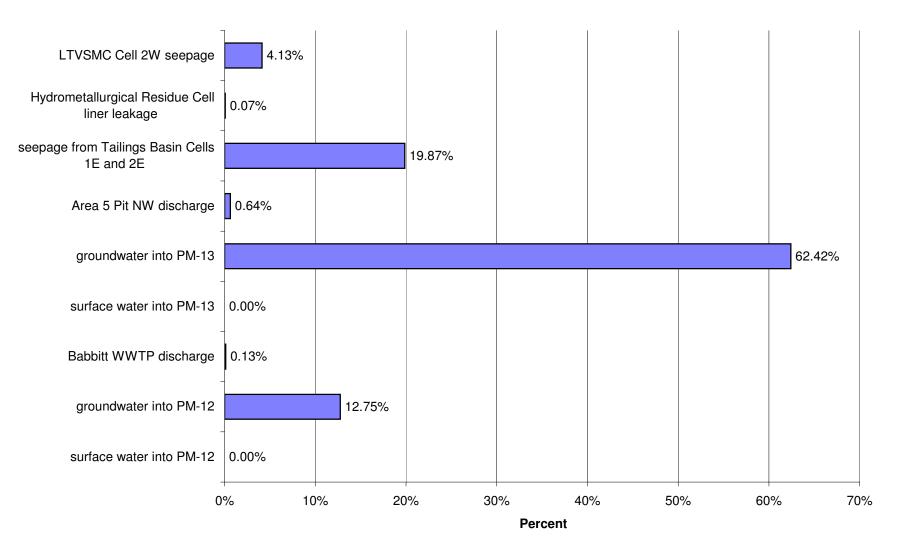
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for High Flow for Nickel (Ni)



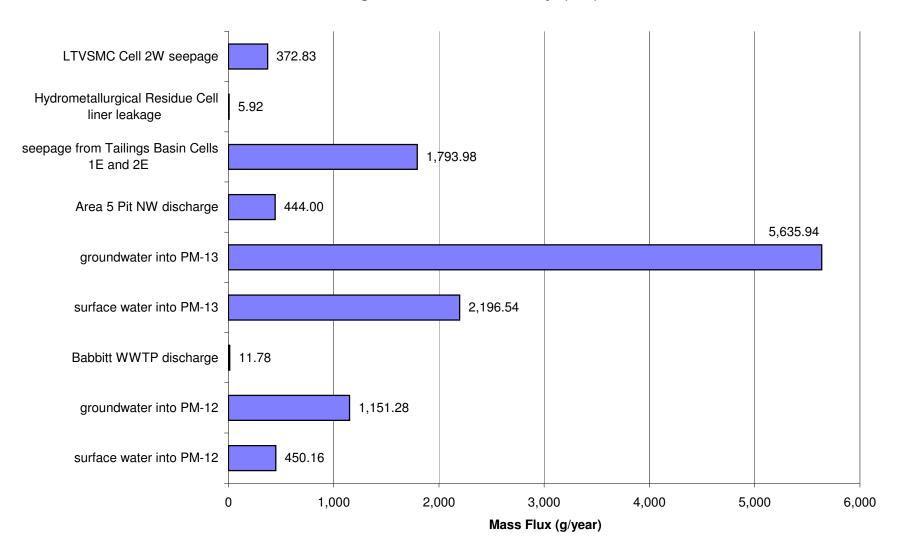
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Low Flow for Antimony (Sb)



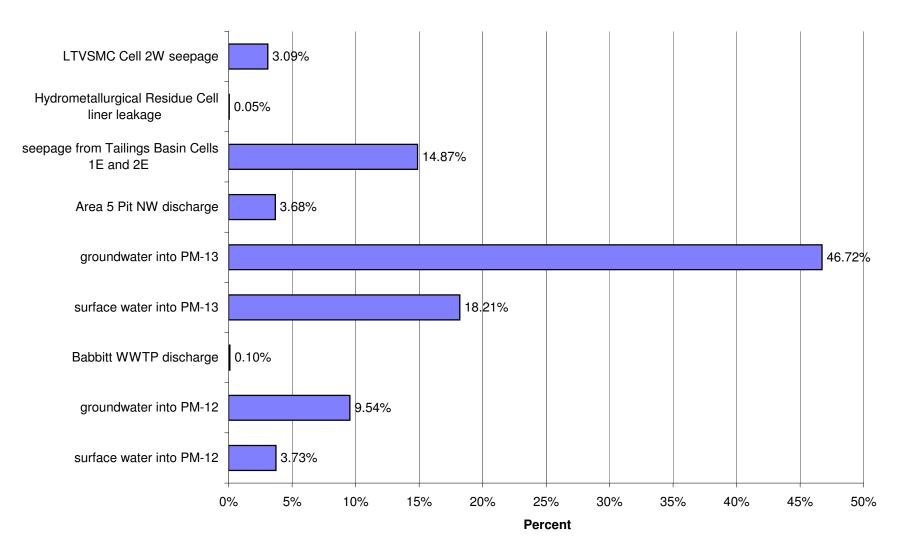
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Low Flow for Antimony (Sb)



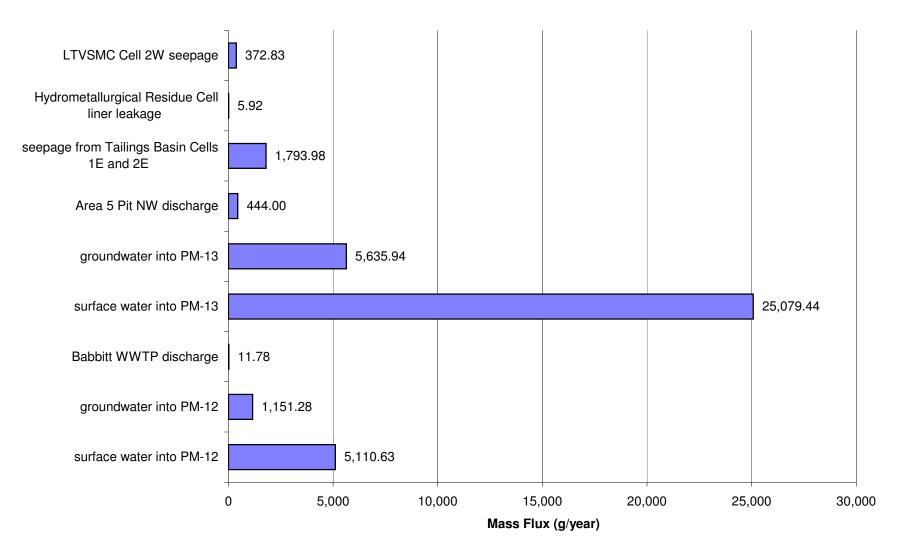
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for Average Flow for Antimony (Sb)



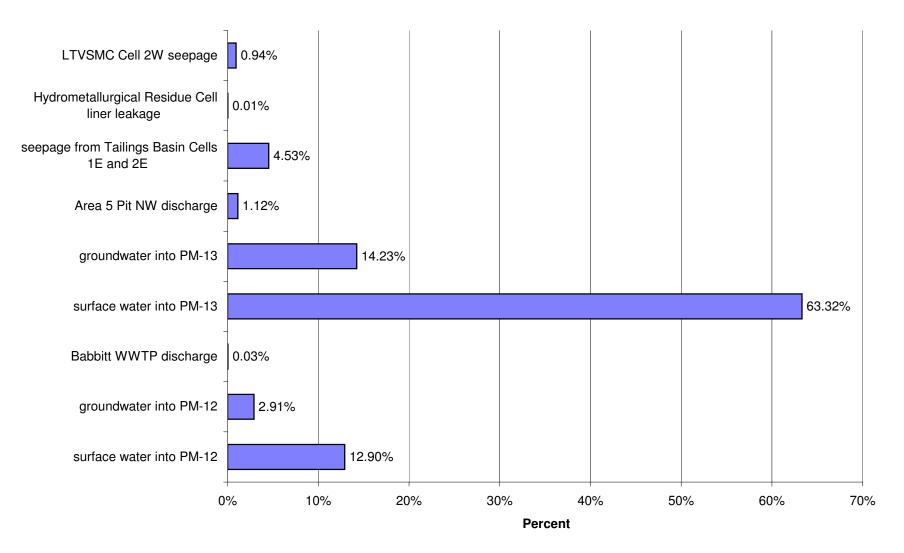
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Antimony (Sb)



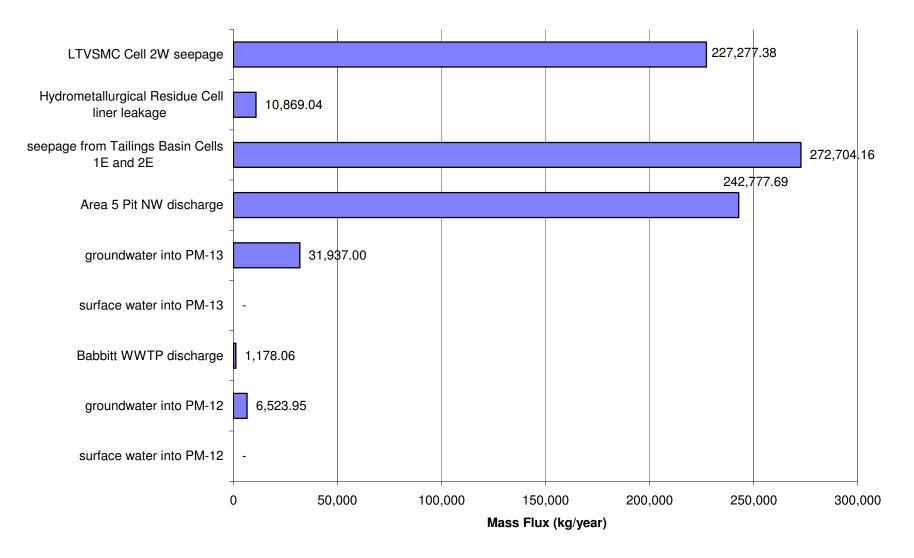
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Closure for High Flow for Antimony (Sb)



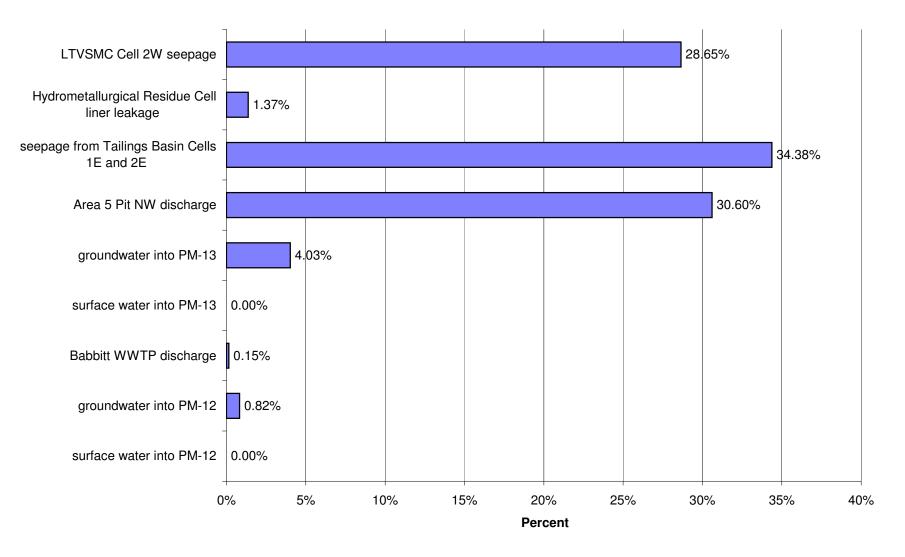
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for High Flow for Antimony (Sb)



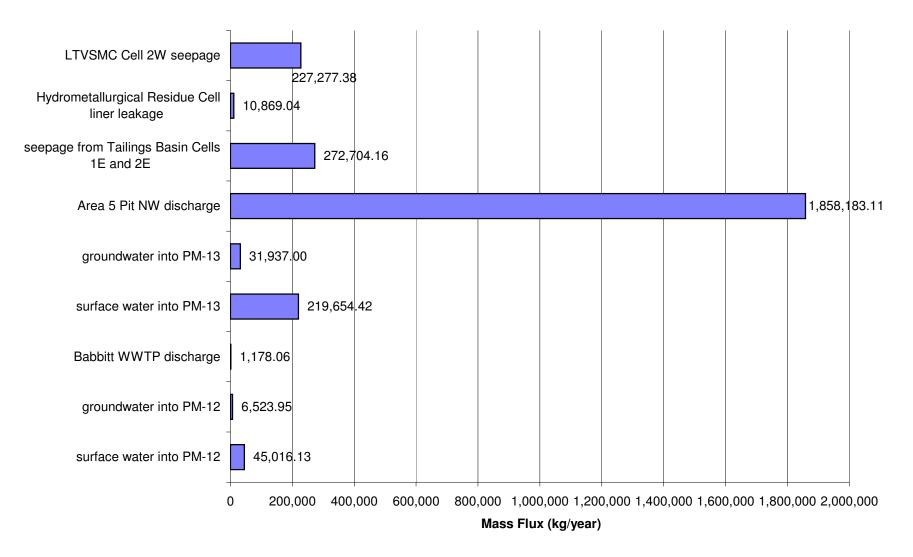
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Closure for Low Flow for Sulfate (SO₄)



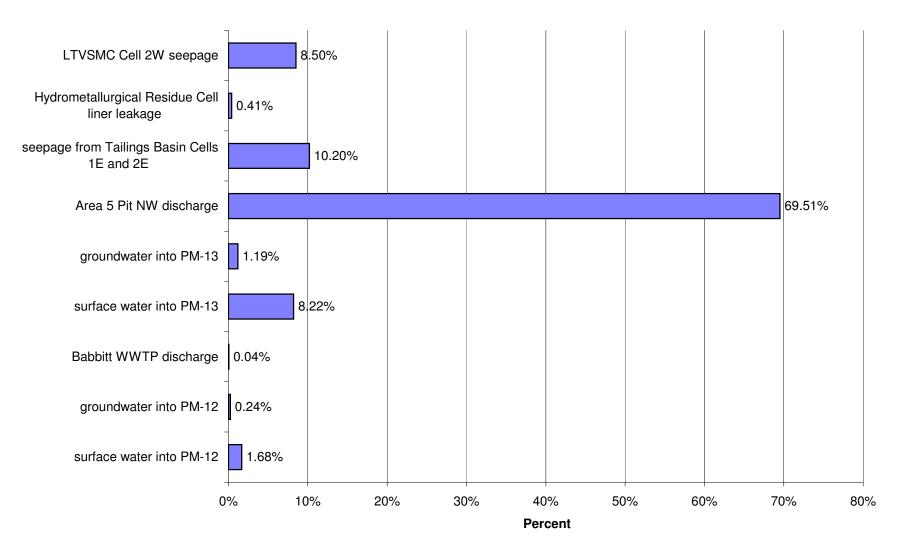
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Low Flow for Sulfate (SO₄)



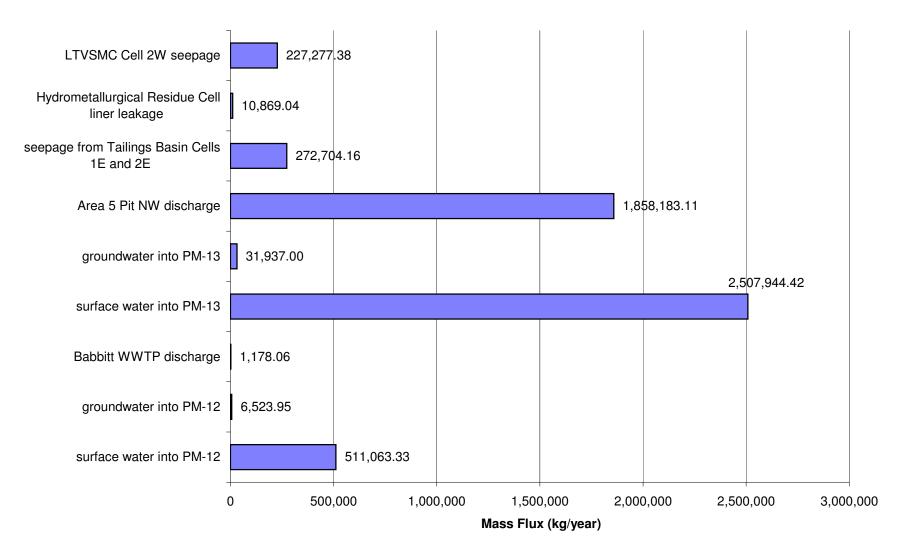
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Closure for Average Flow for Sulfate (SO₄)

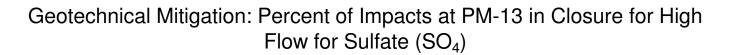


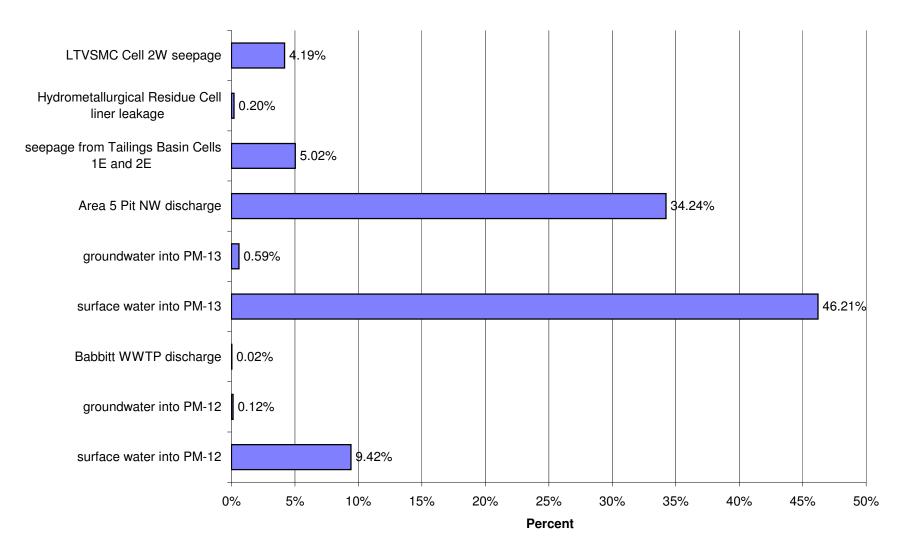
Geotechnical Mitigation: Percent of Impacts at PM-13 in Closure for Average Flow for Sulfate (SO₄)



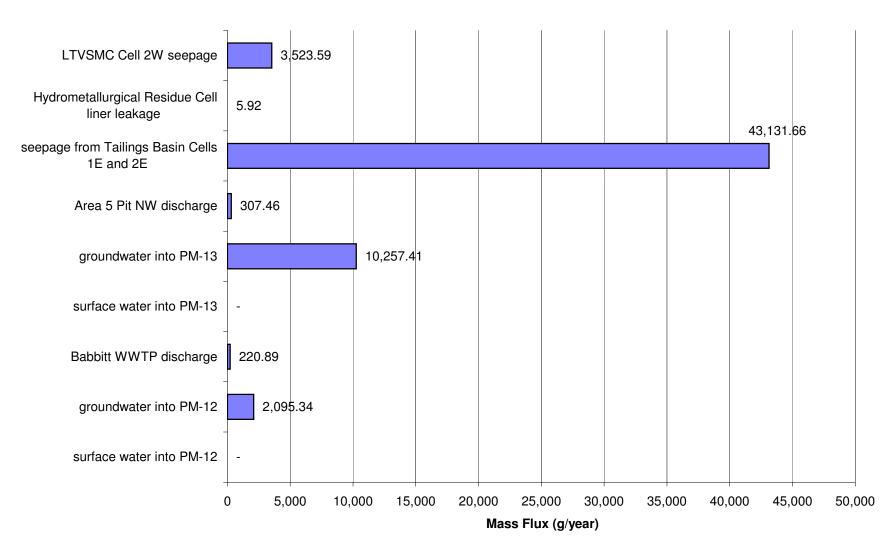
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Closure for High Flow for Sulfate (SO₄)



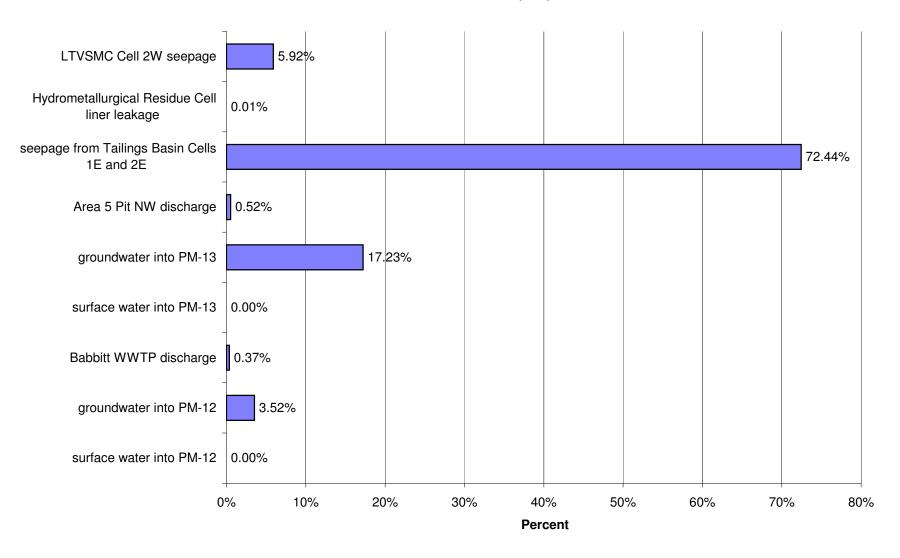




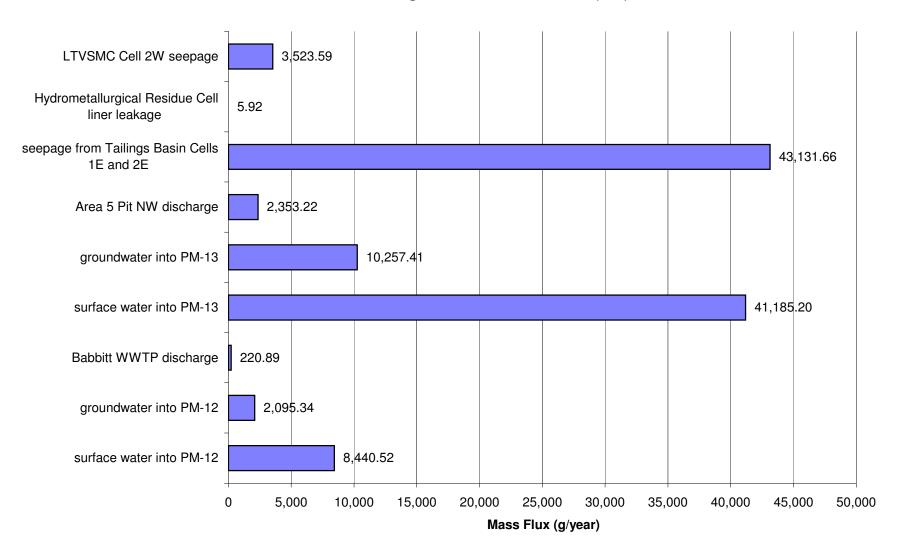
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Low Flow for Arsenic (As)



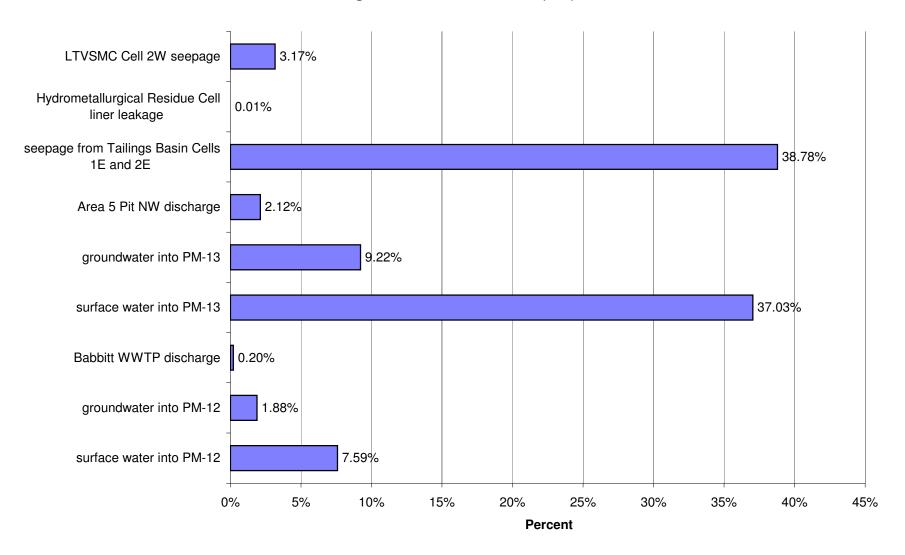
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Arsenic (As)



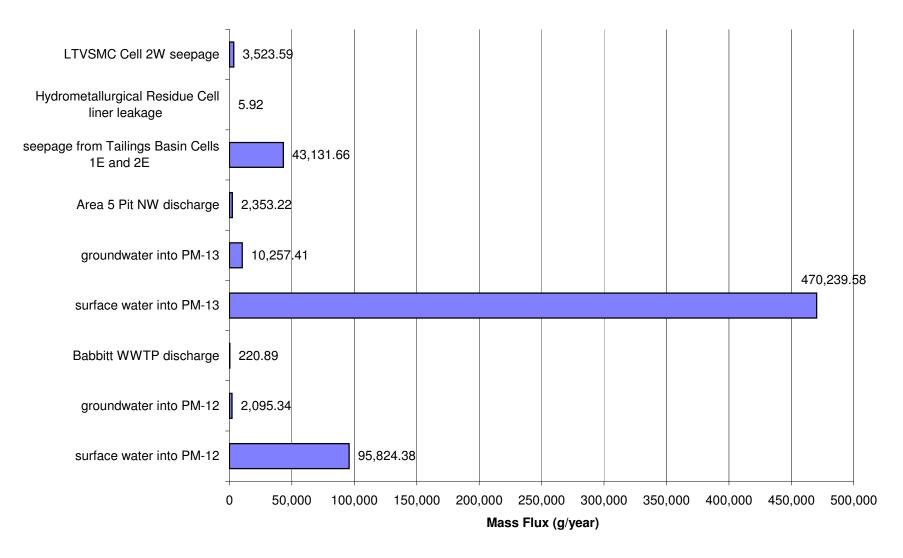
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Average Flow for Arsenic (As)



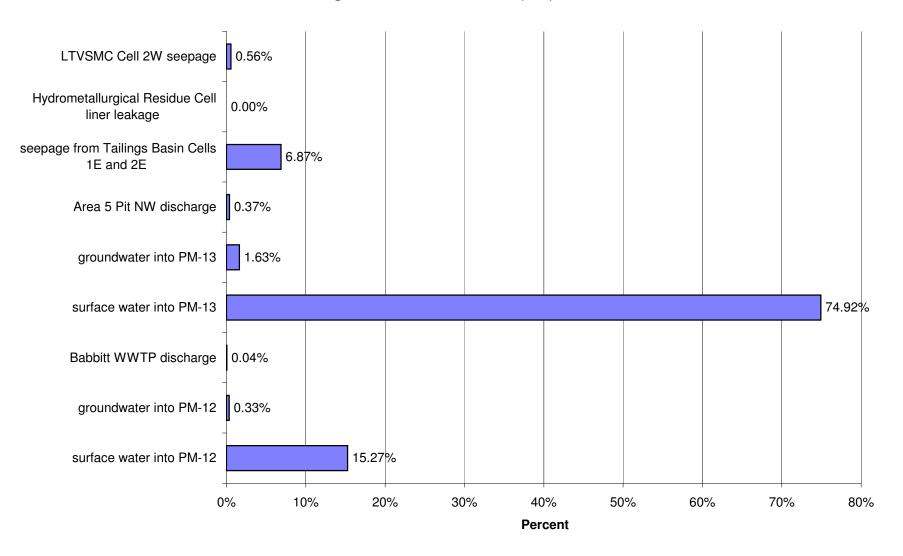
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Arsenic (As)



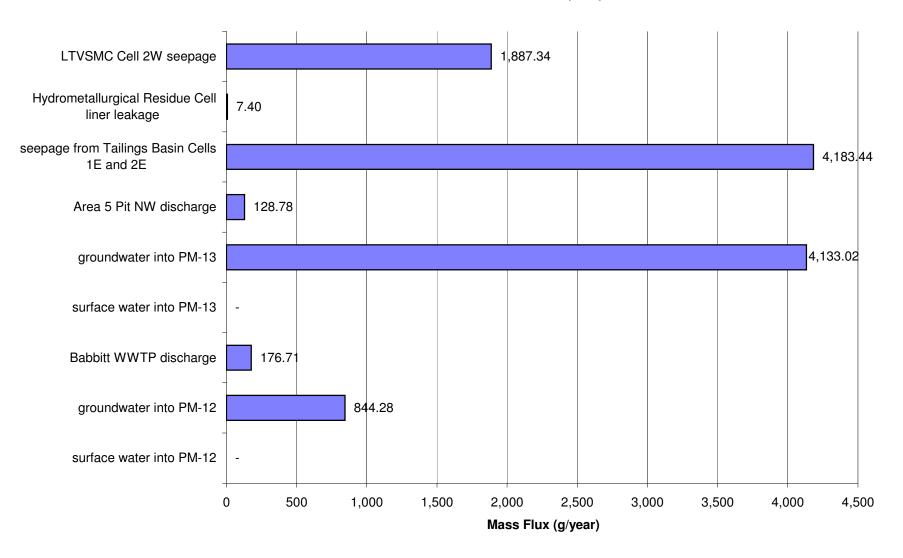
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for High Flow for Arsenic (As)



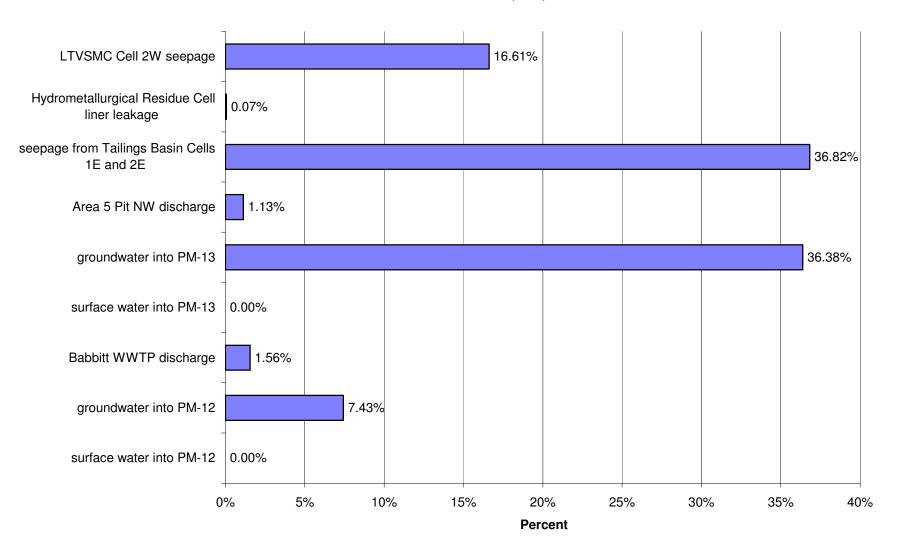
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Arsenic (As)



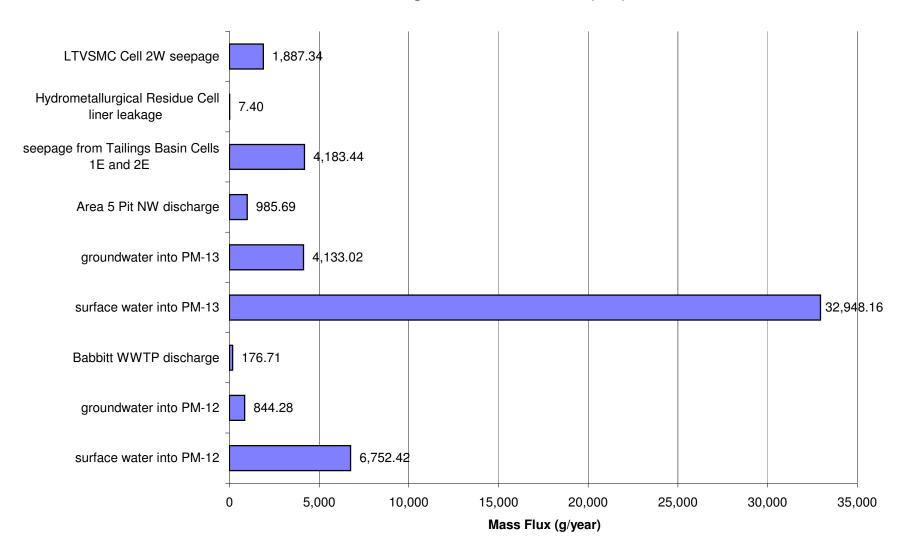
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Low Flow for Cobalt (Co)



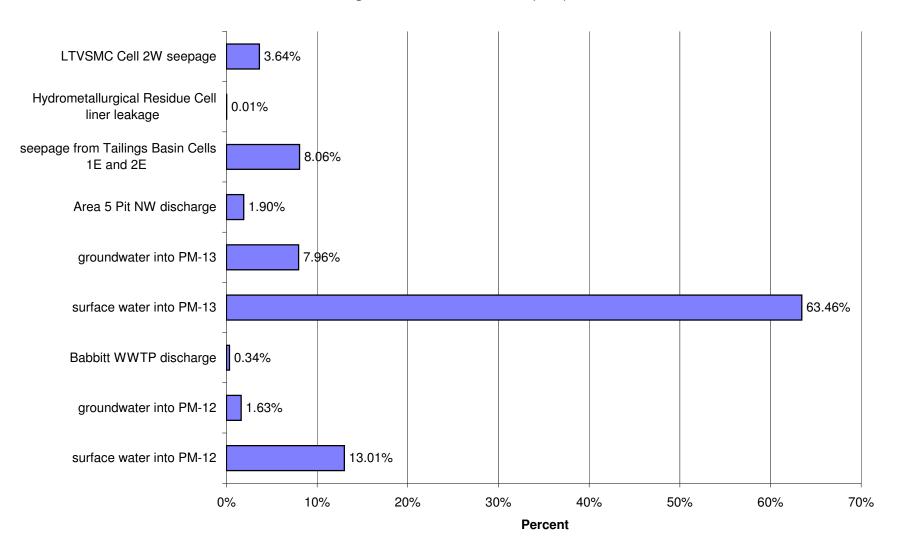
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Cobalt (Co)



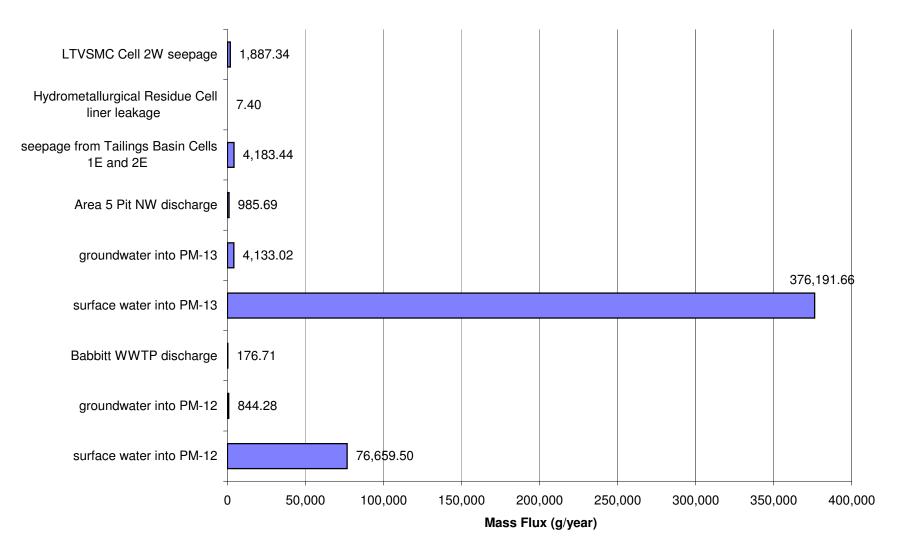
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Average Flow for Cobalt (Co)



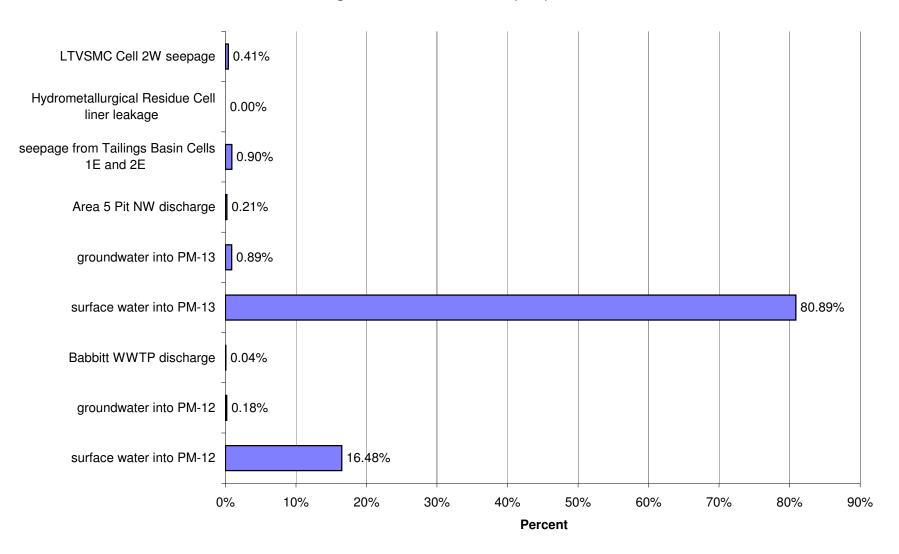
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Cobalt (Co)



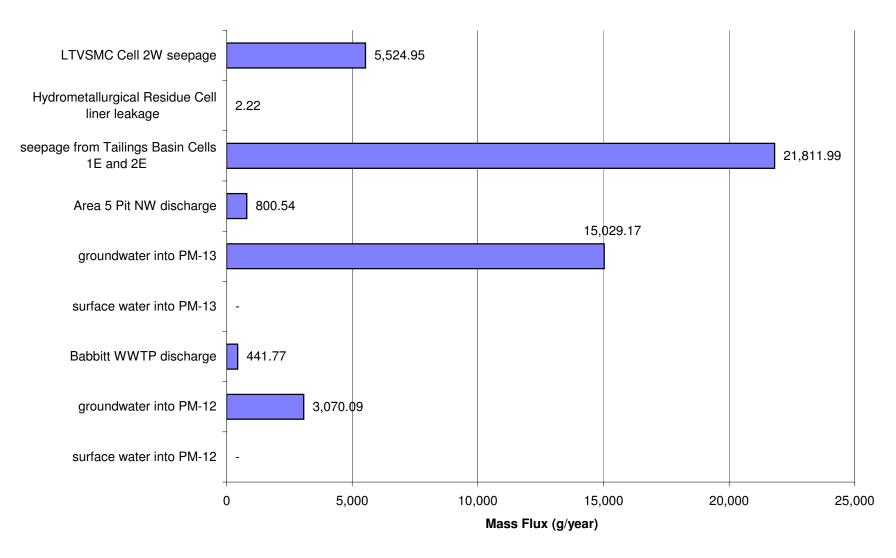
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for High Flow for Cobalt (Co)



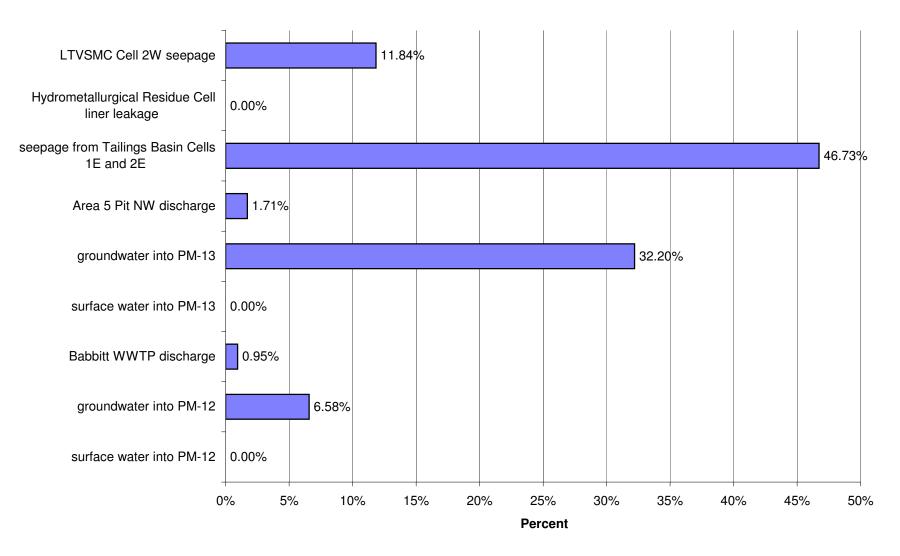
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Cobalt (Co)



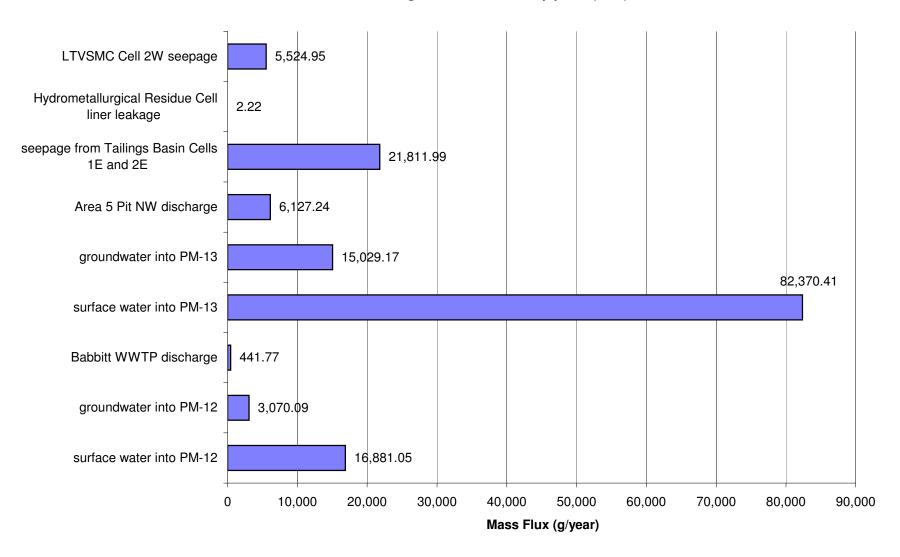
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Low Flow for Copper (Cu)



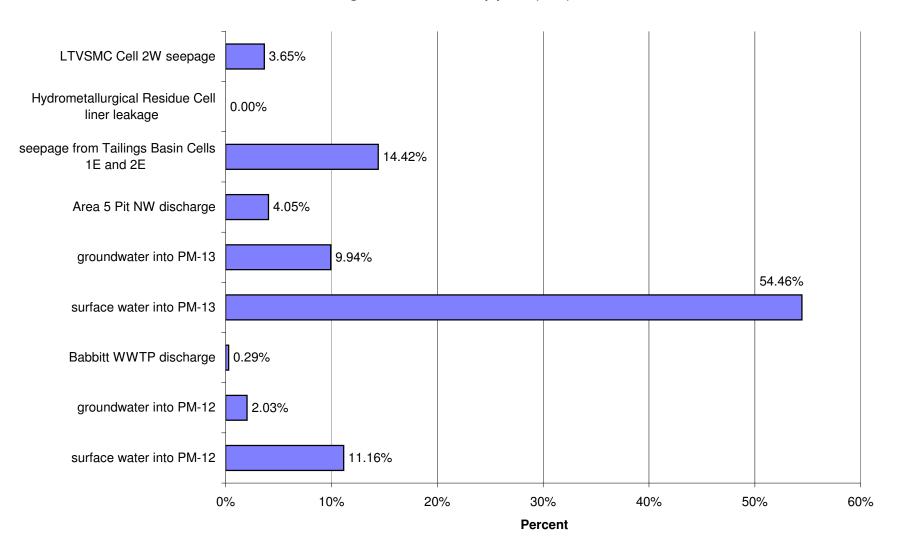
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Copper (Cu)



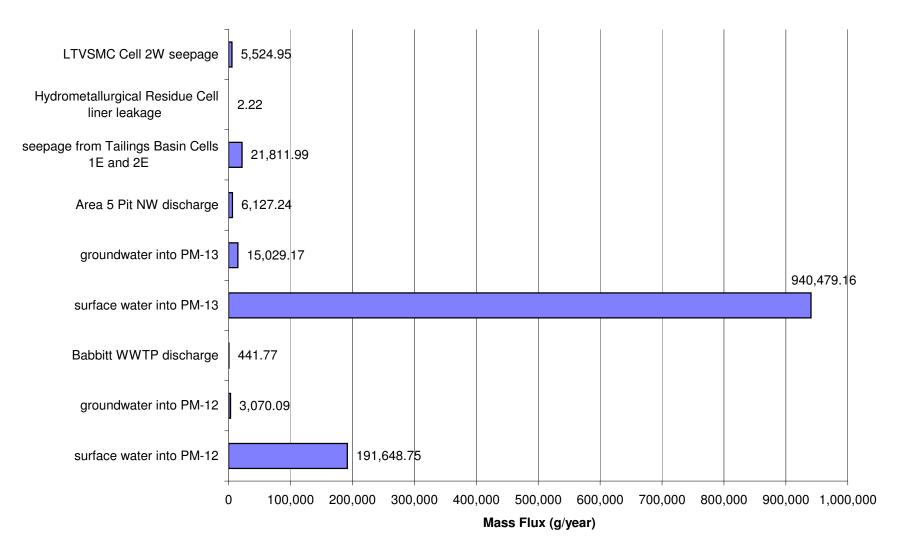
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Average Flow for Copper (Cu)



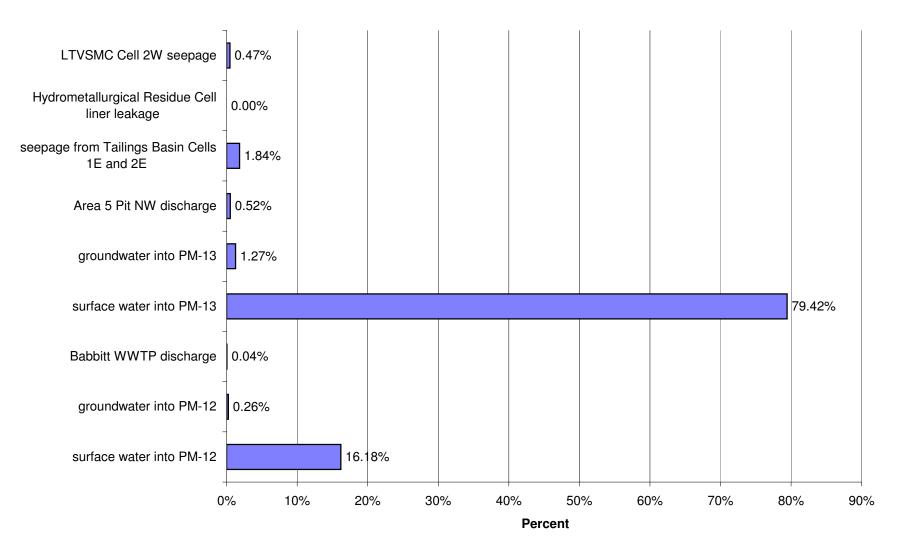
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Copper (Cu)



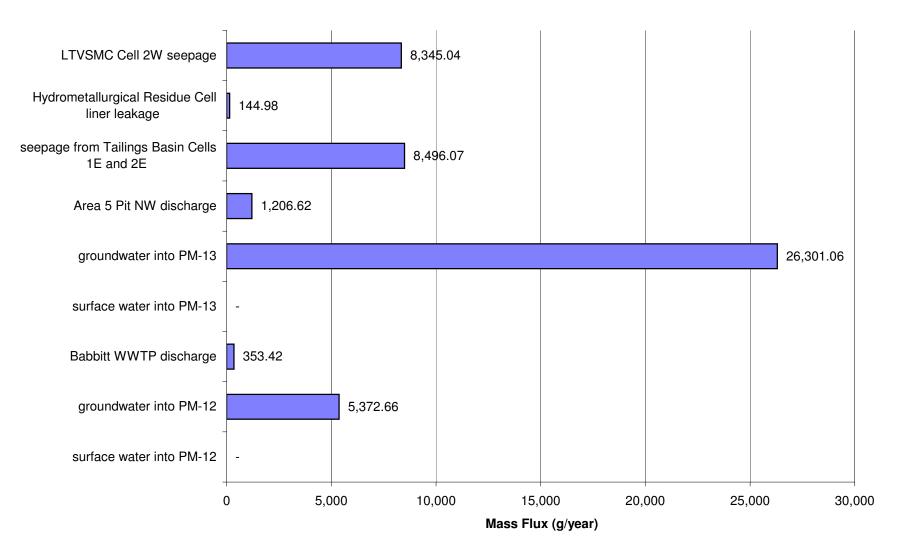
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for High Flow for Copper (Cu)

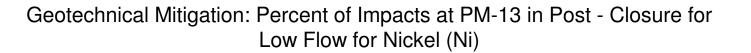


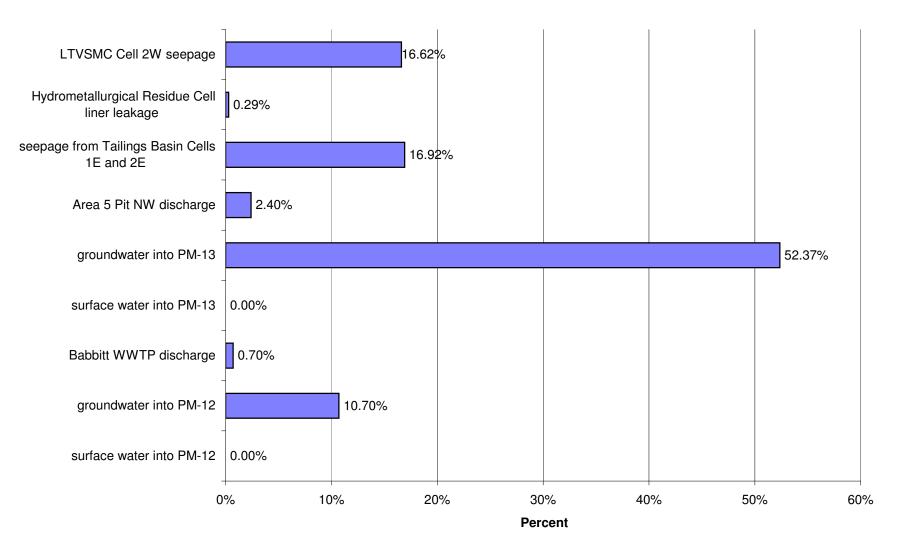
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Copper (Cu)



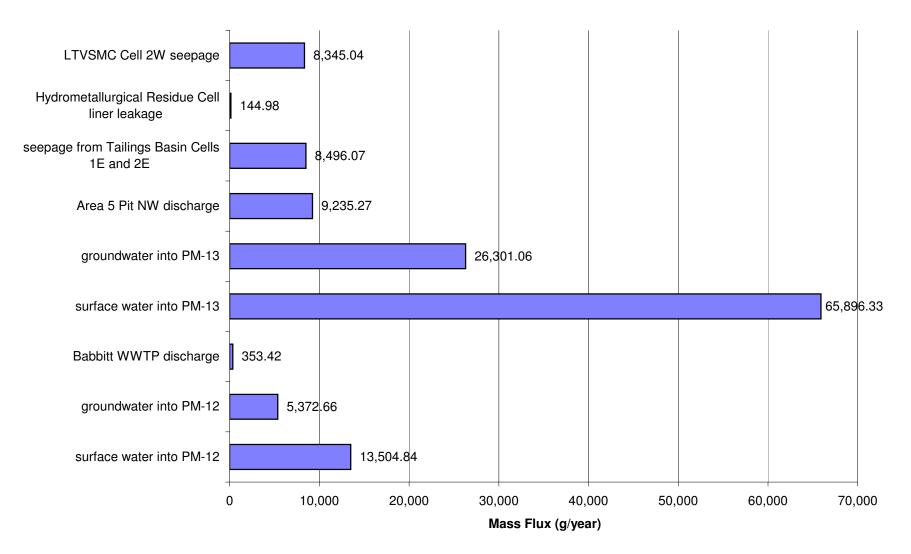
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Low Flow for Nickel (Ni)



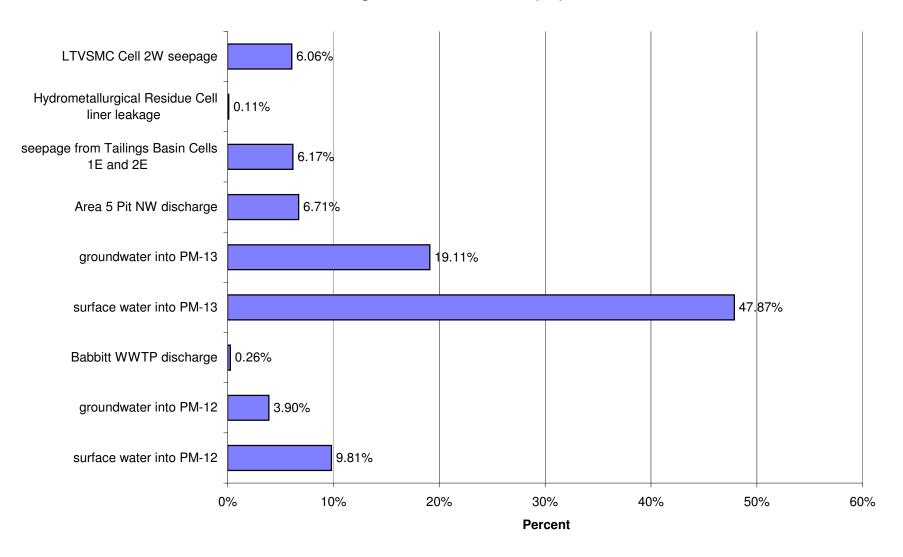




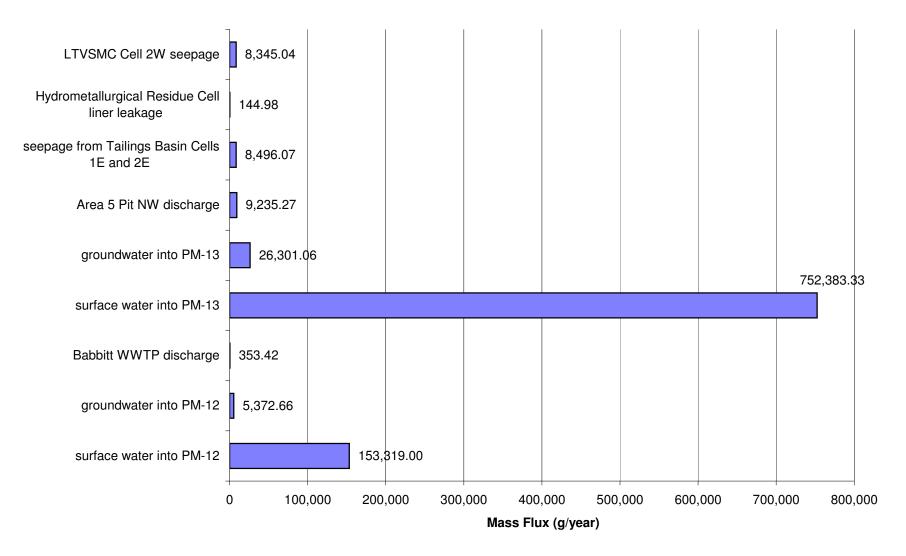
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Average Flow for Nickel (Ni)



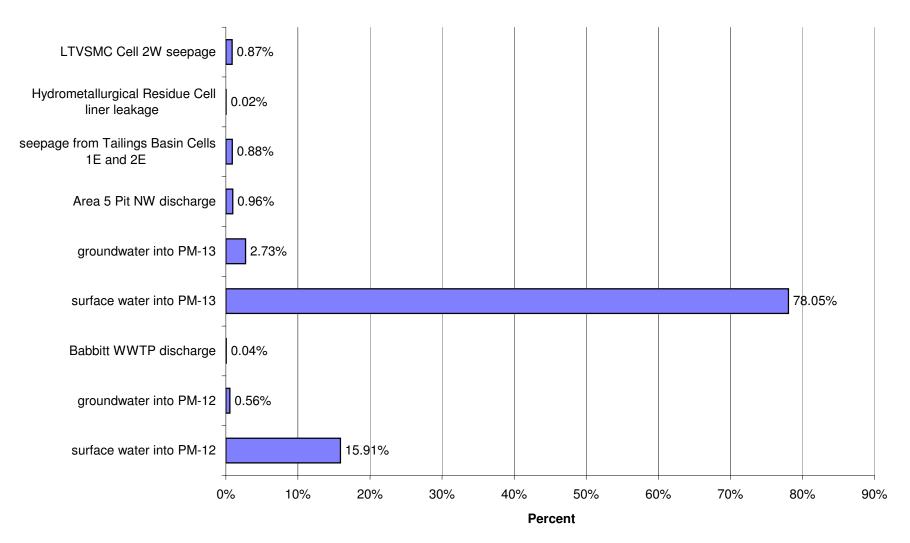
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Nickel (Ni)



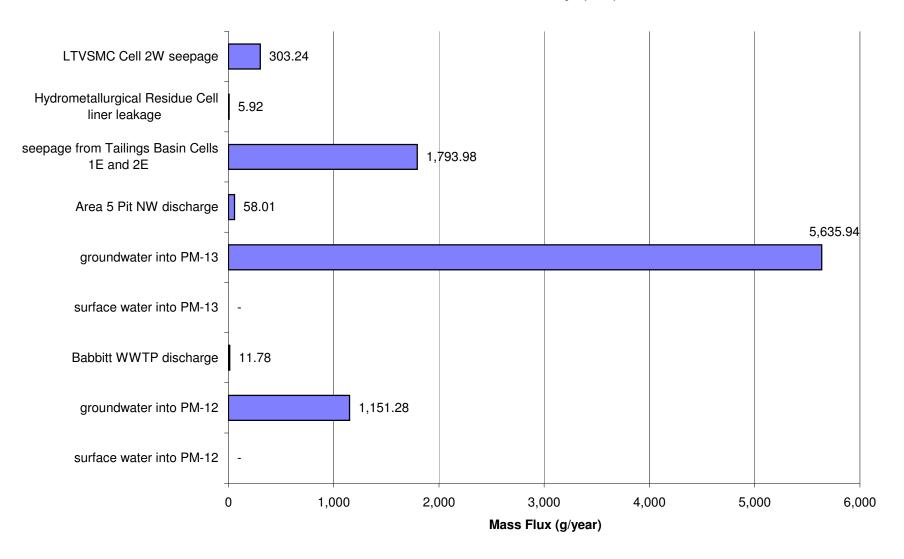
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for High Flow for Nickel (Ni)



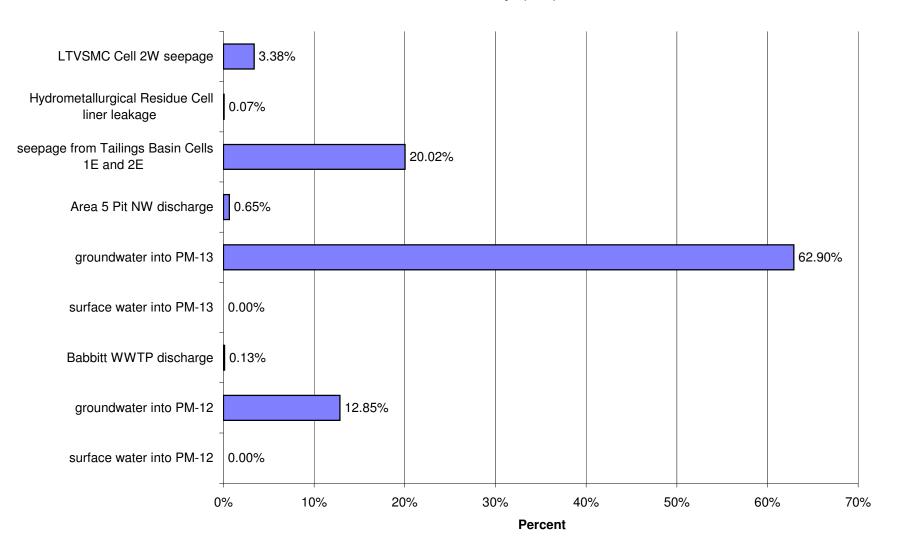
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Nickel (Ni)



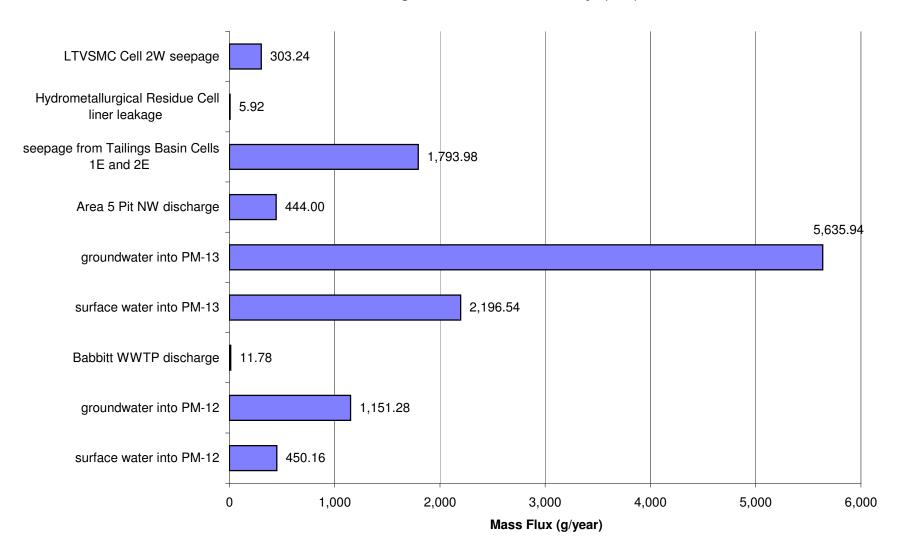
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Low Flow for Antimony (Sb)



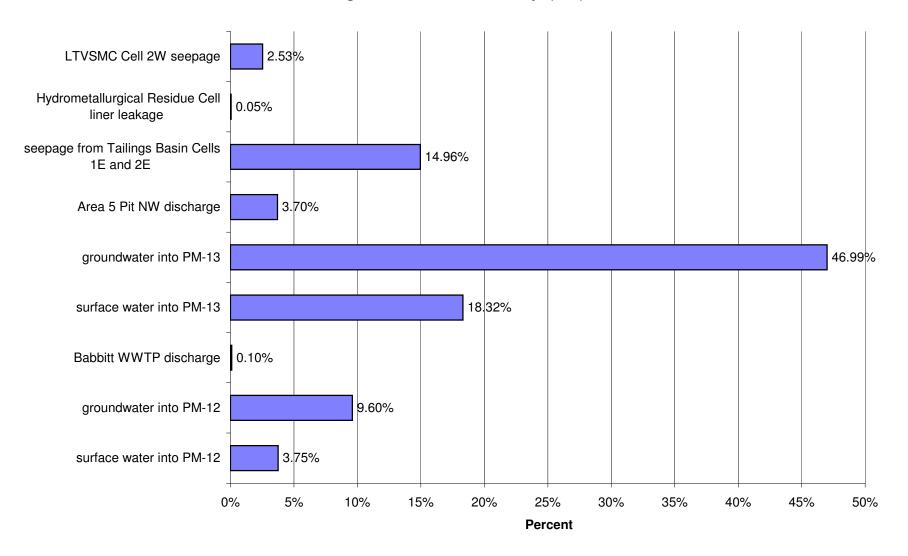
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Antimony (Sb)



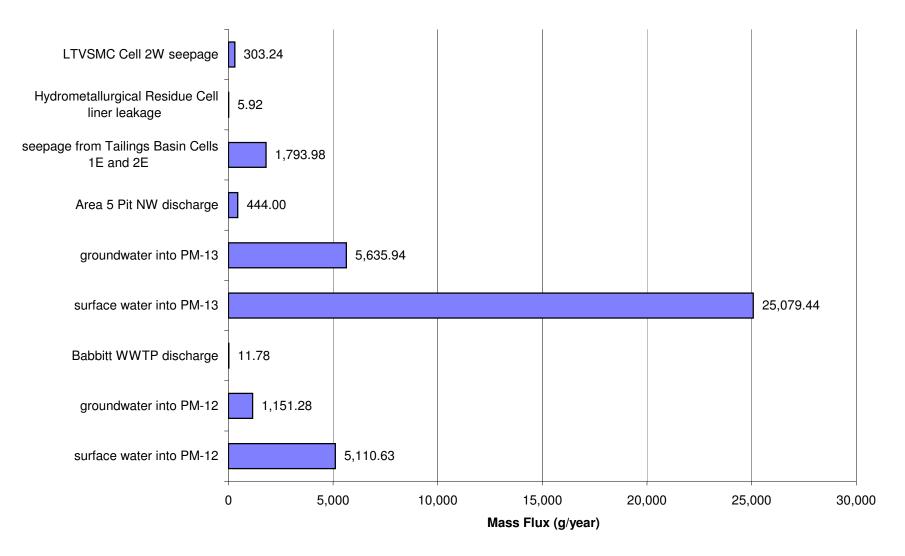
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for Average Flow for Antimony (Sb)



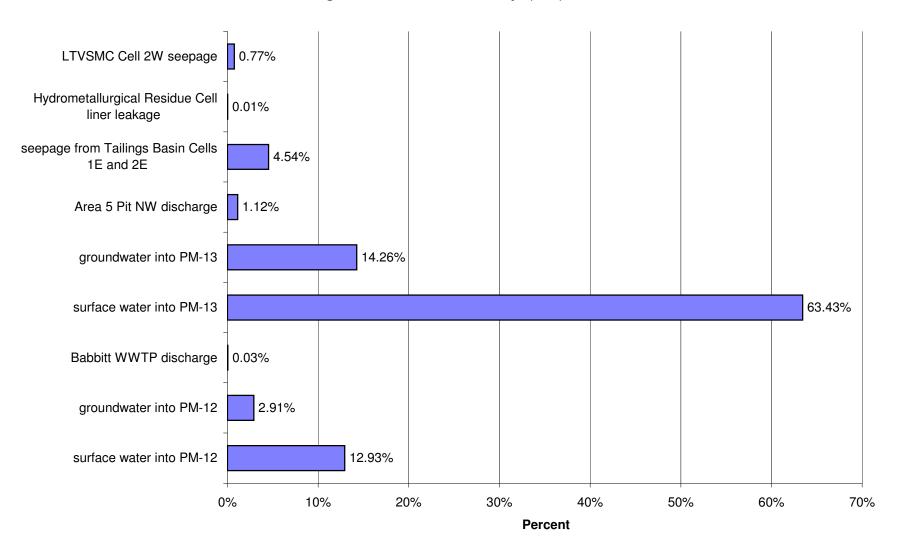
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Antimony (Sb)



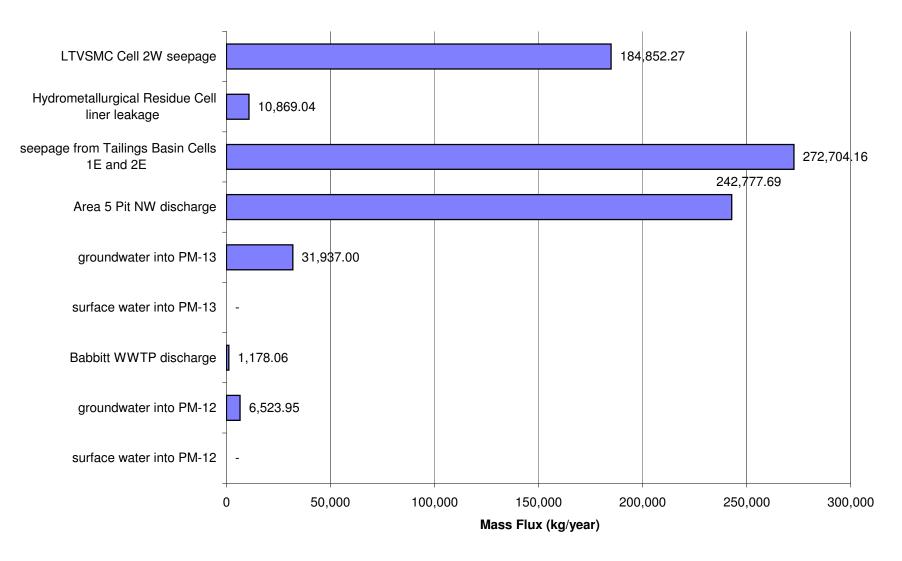
Geotechnical Mitigation: Mass Flux (g/year) of Impacts at PM-13 in Post -Closure for High Flow for Antimony (Sb)



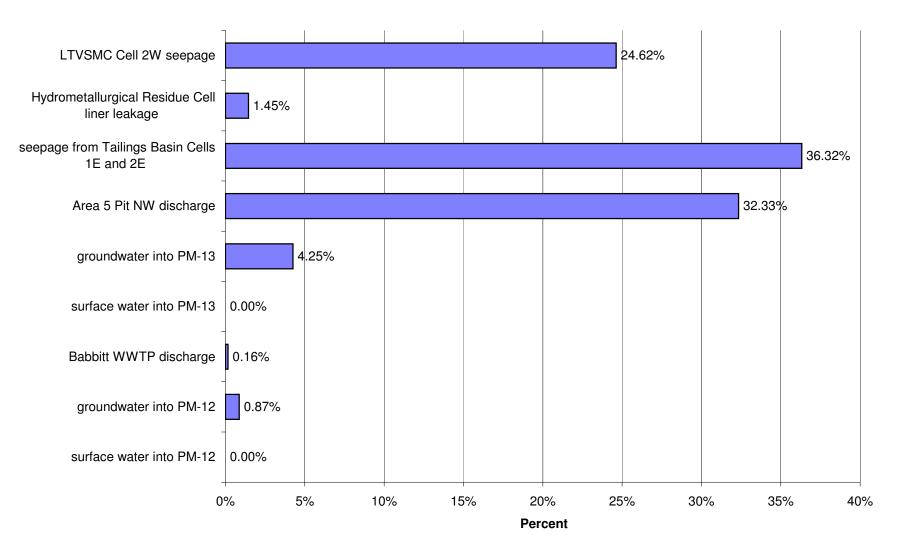
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Antimony (Sb)



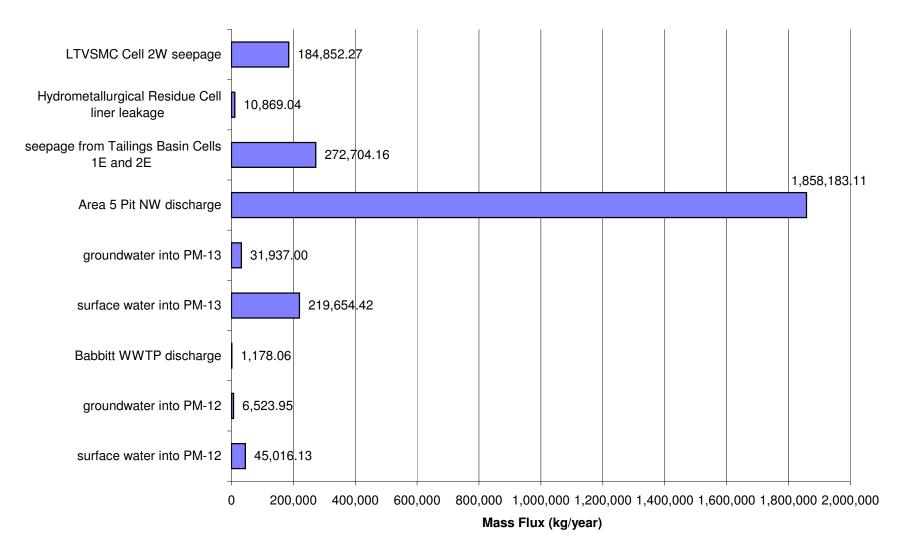
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Post -Closure for Low Flow for Sulfate (SO₄)



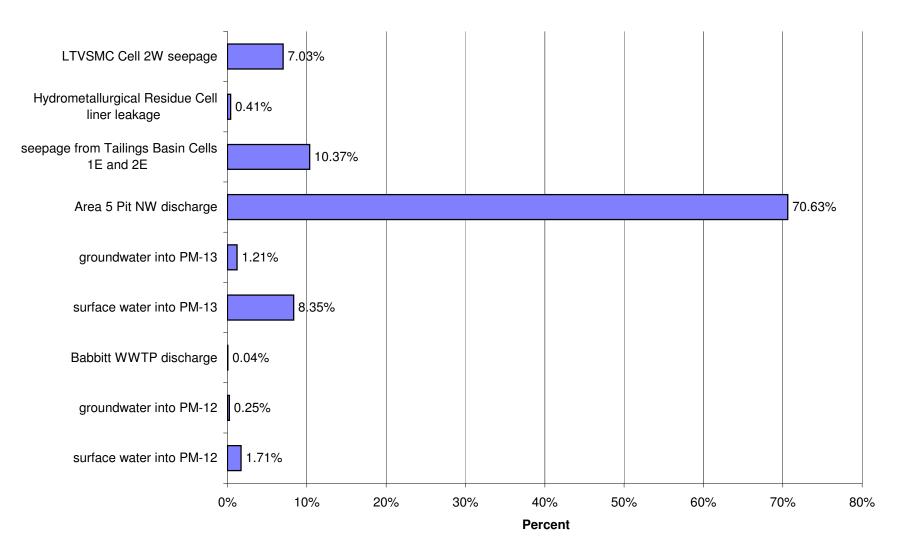
Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Low Flow for Sulfate (SO₄)



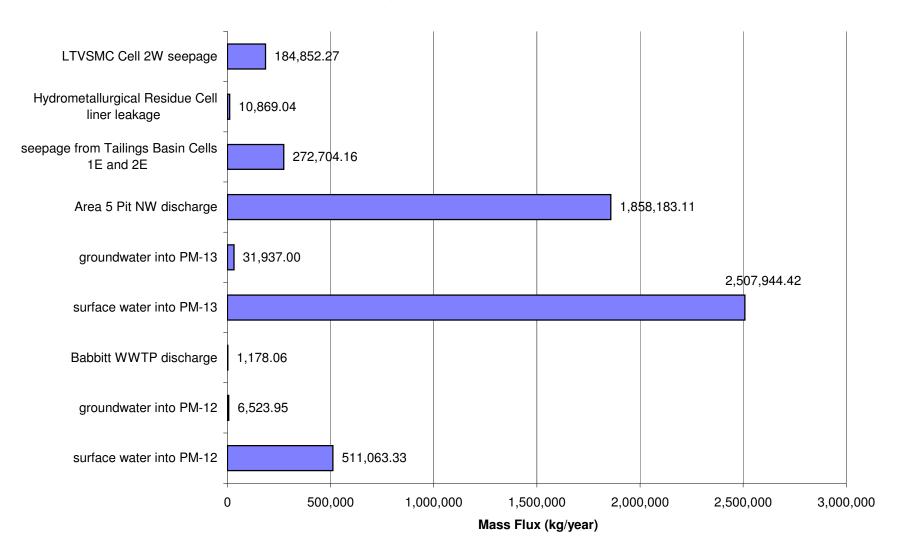
Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Post -Closure for Average Flow for Sulfate (SO₄)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for Average Flow for Sulfate (SO₄)



Geotechnical Mitigation: Mass Flux (kg/year) of Impacts at PM-13 in Post -Closure for High Flow for Sulfate (SO₄)



Geotechnical Mitigation: Percent of Impacts at PM-13 in Post - Closure for High Flow for Sulfate (SO₄)

