

Captains Flat EMP Inspection Checklist

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Date:	18-Apr-24	UGL Representative completing inspection:			
Start time:	2:30 PM				
Finish time:	3:05 PM				
Weather:	19°C, 7°C lowest temp, 19°C highest temp, 0mm of rain since 9am, SE 26 km/h wind speed, 37% humidity.				
BoM					
Date and volume of maximum rainfall in a 24hr period since last inspection?					
Date:	7-Apr-24				
Max volume (mm) in 24hr period:	83.6				
Plan Ref	Control	Inspection		Corrective Action	Implemented?
		Yes	No		
General Observations					
NA	Is airborne dust from site evident?		No	No airborne dust was visible (Photo 1 - 2)	
	Is sediment run-off evident?		No	Evidence of erosion and sediment run-off adjacent the former loader (Photos 4 - 5). Erosion and sediment controls should be reviewed in this area.	
	Is surface water discharging from site?	Yes		Coppers Creek flowing through site, no surface water was running off site into Coppers Creek (Photo 6). Small unnamed creek flowing through south-east corner of site fed by upstream mine site (Photo 7).	
	Is there evidence of excavation or other works non-compliant with the EMP?		No	n/a no excavation occurring on site	
Table 3-1					
3.3	Is signage in place adjacent the Copper Creek Road crossing and at other readily accessible areas?	Yes		Multiple signposts on fences along where site is accessible from the roadside as shown in the previous report.	
	Is fencing in place to prevent access via the Coppers Creek Road crossing?	Yes		Fencing is placed to restrict access to site from Coppers Creek Road crossing as shown in the previous report.	
	Exclusion Zone fencing and signage undamaged?	Yes		All fencing and signage was in good condition.	
	Is evidence of unauthorised site access visible?		No	No evidence of unauthorised site access visible.	
	Has durable erosion resistant capping been applied over the Coppers Creek Road crossing?	Yes		Coppers Creek Road Crossing was covered with a sealed road, there is no evidence of sediment on the road (Photo 8) but there is evidence of surface water run-off.	
	Is capping over Coppers Creek Road preventing inadvertent access to site materials?	Yes		Copper Creek Road Crossing is a sealed road preventing access to soil underneath (Photo 8).	
	Is excavation occurring onsite?		No	n/a no excavation occurring on site	
Plan Ref	Control	Inspection		Corrective Action	Implemented?
		Yes	No		
3.3	Is the UGL Environment Manager or delegated representative supervising the excavation?			n/a no excavation occurring on site	
	Are excavators operating with closed cabs?			n/a no excavation occurring on site	
	Are excavation exclusion zones in place?			n/a no excavation occurring on site	
	Are staff wearing appropriate PPE per Table 3-1 ?			n/a no excavation occurring on site	
	Is dust suppression occurring?			n/a no excavation occurring on site	
	Is airborne dust visible?			n/a no excavation occurring on site	

Other Observations	
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An unnamed creek off-site and down gradient from Captains Flat State Emergency Service shows slightly cloudy surface water with sediment present. This creek is fed from the mine site upstream and is not expected to contain sediment from site (**Photo 7 and 9**).

Orange/brown staining on asphalt adjacent the replica ore loading ramp consistent with evidence of mine drainage (**Photo 4B**). High rainfall precedent to the inspection could be expected to have contributed to increased run-off.



Photo 1: Trainlines behind fence facing north-west. Station Master Cottage to the right of photo. No airborne dust was visible on site.



Photo 2: Former Loadout Facility and Weigh Bridge. No airborne dust was visible on site. Facing south-west.

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Photo 3: No clear evidence of erosion of soils on site. Located adjacent to Former Loadout Facility and Weigh Bridge. Facing south.



Photo 4A: Evidence of past surface water and sediment runoff into Coppers Creek.

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Photo 4B: Some sediment visibly trapped in asphalt on site from an upper gradient location. Material is likely to be mobilised contaminated sediment from on-site.



Photo 5: Evidence of erosion of soils on site. No evidence of current surface water runoff into Coppers Creek. Located south of the State Emergency Service (SES) facility.

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Photo 6: Photo taken from abandon rail track (southern boundary of site). Copper Creek visible. No evidence of current onsite surface water runoff into Coppers Creek. Facing north-east.

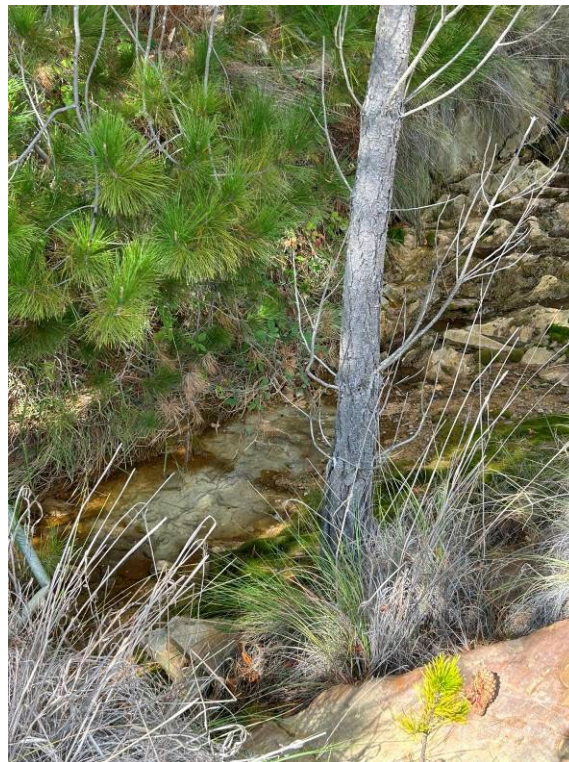


Photo 7: A small unnamed Creek slowly flowing through the South-Eastern half of the site. There is no sign of additional surface water from on-site sources contributing to the Creek and no evidence of sediment run off from site was observed.

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Photo 8: Sealed road over Copper Creek Road crossing, preventing inadvertent access to site materials underneath. There is sign of surface water runoff.



Photo 9: Unnamed watercourse off site and down gradient from Captains Flat State Emergency Service (SES) unnamed creek, showing cloudy surface water with sediment.

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