

Captains Flat EMP Inspection Checklist					
Date:	18 October 2024	UGL Representative completing inspection:			
Start time:	12:43 PM				
Finish time:	1:43 PM				
Weather:	17.2°C, 9°C lowest temp, 18°C highest temp, 0.8mm of rain since 9am, N 4 km/h wind speed, 92% humidity.				
					BoM
Date and volume of maximum rainfall in a 24hr period since last inspection?					
Date:		26-Sep-24			
Max volume (mm) in 24hr period:		25.8			
Plan Ref	Control	Inspection		Corrective Action	Implemented?
		Yes	No		
General Observations					
NA	Is airborne dust from site evident?		No	No airborne dust was visible (Photos 1 - 4)	
	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.	
	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 (Photo 4).	
	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. Some evidence of sediment was observed on the road (Photo 4).	
	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	
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		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

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 4**).

Rock armoury and sediment coir logs adjacent to the north of the site were observed in the previous inspection and again observed during the inspection (**Photo 10**). This is suspected to be related to the mine site remediation program occurring upgradient of the site.



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: Minor evidence of erosion of soils on site. The condition has been observed during multiple previous inspections and has remained stable. Located adjacent to Former Loadout Facility and Weigh Bridge. Facing south.



Photo 4: Some minor sediment visible on asphalt surface on site upgradient of Coppers Creek.

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Photo 5: Evidence of erosion of soils on site observed during the previous inspections. Larger erosion has been observed during this inspection. No evidence of current surface water runoff into Coppers Creek was observed. Located south of the State Emergency Service (SES) facility.



Photo 6: Copper Creek visible. No evidence of current onsite surface water runoff into Coppers Creek. Facing south.

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Photo 7: A small unnamed Creek slowly flowing through the south-eastern half of the site. 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.



Photo 8: Sealed road over Copper Creek Road crossing, preventing inadvertent access to site materials underneath.

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



Photo 10: Rock armoury and sediment coir logs adjacent to the north of the site observed in the previous site inspection installed due to mine site remediation works are in good condition.

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