

Barings – Access Estate

BURTONS Contractors

Erosion and Sediment Inspection Report
 Inspection Date: 26 November 2024

Attendees:

- Bradley Cole
- Mustafa Ak

CPESC Auditor: Bradley Cole (CPESC #7645)

Signature:



Instructions:

- Where an item is not applicable, N/A is to be placed in the comments box.
- Where a non-conformance is identified, a brief explanation is to be provided in the comments box.
- The completed checklist and details of any corrective are to be provided to the Environment Manager for action and rectification timeframes agreed.

☒ **Project ESCP cited**

Requirement / Aspect	Yes/ No (Y/N)	Comment
General		
Were previous audit actions closed out in agreed timeframes?	Y	No outstanding actions from the previous October site inspections remain open.
Has an approved ESCP been prepared for the work area?	Y	ESCP for the development has been prepared and implemented. Minor updates for progress of works are to be undertaken with progression of works.
Are construction permits and approvals in place?	Y	Works are undertaken in accordance with approval.
Are basin / discharge records recorded and available?	N/A	Basins are constructed with no discharge from site undertaken during the month.
Are internal / self-assessments being undertaken and documented?	Y	Burttons Contractors personnel undertake internal assessments.
Are weather records / monitoring being undertaken and recorded?	Y	Site weather records are maintained from local weather station (Horsley Park AWS).
Is the relevant monitoring being undertaken?	Y	Site monitoring in accordance with the CEMP is being undertaken.
Is the site generally tidy and well organised?	Y	Minimal waste / rubbish and initial drainage works commenced. The site is being established under the current works staging.
Is disturbance being minimised?	Y	The site is established under the current works staging with the commencement of earthworks. ESC elements are installed and operating.
Is all work (including storage and stockpiling) within the identified project boundary?	Y	All works are contained within the Project boundary.

Requirement / Aspect	Yes/ No (Y/N)	Comment
Erosion and Sediment Controls		
Are measures installed as per ESCP?	Y	The site is established under the current works staging. With controls implemented as per the ESCP.
Are measures installed correctly (i.e. sizing, effective)?	Y	Controls are implemented to accommodate site conditions.
Are entry / exit controls in place and effective?	Y	Site entry is stable with aggregate entry and access road.
Are offsite water diversions in place?	Y	The site is largely bound by external drainage swales / berms for the management of off site water as per the ESCP.
Are drains functional (unblocked, connected)?	Y	Drains were in place and effective.
Are controls maintained (i.e. sediment accumulation, wear and tear, consistent with work progression)?	Y	Controls are established and maintained.
Is sediment fence installed correctly and intact?	Y	Sediment fence installation is trenched in an effective.
Are traps installed appropriately and maintained (i.e. free of sediment accumulation)?	Y	Check controls are installed along the internal drainage areas for sediment traps.
Is dirty water collected in appropriate locations for management?	N/A	No dirty water is retained on the site with minimal rainfall and the commencement of the establishment of the site under the current staging of works.
Basins		
Are basins installed as per ESCP?	Y	Basins are installed for active work areas with additional sumps installed for effective transfer of water as per formal correspondence during the month.
Are appropriate identification / markers present at basin locations?	N/A	No markers in basins. Type B basins implemented
Are basins walls and inlets stable and operational?	Y	Basin walls are stable and fabric covered.
Are spillways stable and operational?	Y	Basins are operational and constructed as per Type B basin standard design
Do basins currently hold water?	Y	Basins do not currently hold water with no recent rainfall events. Basins are being actively managed and reviewed for operation.
Has rainfall occurred in past 5 days? (10 days for operational sediment basin)	Y	No rainfall has occurred in the preceding 5 days – (Horsley Park AWS)
Has any overflow occurred?	N	No basin overflow has occurred.
Has water been treated/tested?	Y	Basin auto dosing units are in place and operating.
Are sediment levels below 60% of allowable levels?	Y	Basins are newly constructed and have no sediment.
Has sediment removal occurred? And has sediment been appropriately managed?	N	Basins are newly constructed and sediment removal has not been undertaken this month.



GENERAL SITE CONDITION NOTE

The ESC inspection undertaken on the Barings Altis Site reviewed the commencement of earthworks associated with Lot 2 and establishment and maintenance of erosion and sediment controls under the occupation of Burtons Contractors for the month of November. The inspection included a review of all site activity including the implementation of catch drains, and construction of the AB2 basin as detailed in the approved erosion and sediment control plan for the Project to ensure effective control implementation and to offer potential modifications to the existing ESC measures for improved management and effective construction practices.

The works undertaken for the Project include the establishment of boundary controls, access areas and basin implementation to facilitate the commencement of works for the Lot 2 earthworks.

Dust and water management on site are performing well with no visible dust observed and drainage swales installed with check controls for water transfer were installed effectively. Water carts were operating during the inspection with a focus on active work areas and haul routes.

The dewatering of the dam is continuing with measures implemented for clean water transfer off the site through existing drainage infrastructure. The dam has significantly reduced in volume and measures are to be implemented to minimize inflow of water from future rainfall events.

The site is very tidy and organized and is well presented with designated access routes and signage. Controls are maintained and appear effective.



The site is forecasting the continuation of earthworks for Lot 2 and progression of site activity to design.


The installed controls are working well for effective sedimentation control.

The following corrective actions have been identified during the inspection. Actions are to be closed out in the agreed timeframe and evidence documenting the close out of the actions provided to the auditor for verification.

Timeframe reference: L – Low (7 days), M – Medium (3 days), H – High (1 day), I – Immediate

Action (Observation / Recommendation)	Photo	Timeframe (L,M,H,I)	Responsibility	Close out Comment
OB-001 Observation Water carts are in operation for the exposed areas and are managing dust from the earthworks areas.		N/A		
OB-002 Observation The AB2 basin is installed and operational. No rainfall has occurred to enter the basin at this stage of the project. Earthworks elevations are increasing to achieve fall to the basin inlet location.		N/A		

Action (Observation / Recommendation)	Photo	Timeframe (L,M,H,I)	Responsibility	Close out Comment
OB-003 Observation Discharge from the dam is being undertaken through the lined channel. Water is discharging at a low rate and is visibly clear. .		N/A		
OB-004 Observation The berms installed along the boundary areas are starting to vegetate from the natural seed bank providing additional protection from scour and sedimentation.		N/A		

Action (Observation / Recommendation)	Photo	Timeframe (L,M,H,I)	Responsibility	Close out Comment
OB-005 Observation The access area is stable and has implemented a shaker grid. No signs of tracking material was identified.		N/A		

The below section is to be completed by the Environment Manger / Site Construction Manager following completion of the identified actions.

I certify that all identified actions have been addressed and closed out in the agreed timeframe as documented above.

Name:	
Signature:	
Date:	