07 APRIL 2021

ErSed Reference: 19007-ERMR-21-210407

Compliance@planning.nsw.gov.au

SSD 7348 - Oakdale West Industrial Estate (OWE)

Environmental Representative: Monthly Report (ERMR #21)

Condition of Approval D119 e) for the Oakdale West Industrial Estate requires that the ER:

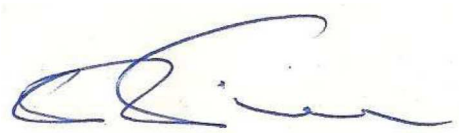
*"prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an **Environmental Representative Monthly Report** providing the information set out in the Environmental Representative Protocol under the heading "Environmental Representative Monthly Reports."*

*The **Environmental Representative Monthly Report** must be submitted within seven calendar days following the end of each month for the duration of the ER's engagement, or as otherwise agreed with the Planning Secretary".*

The following report is to be provided to the Planning Secretary.

Please contact me if you require further information.

Sincerely



Carl Vincent

Principal (ErSed Environmental Pty Ltd)
Environmental Representative for SSD 7348

SSD 7348 - Oakdale West Industrial Estate (OWE):
Environmental Representative Monthly Report (ERMR #21)
For the period 1 MAR to 31 MAR 2021

1.	Construction activities carried out during the reporting period	<u>OWIE Construction Works</u> • Earthworks in Precincts 4 and 5 • Fill importation Precinct 5 • Construction and Maintenance of Primary Controls • Bio-retention Basin 5 construction • Road construction (pavement, kerbing stormwater, concrete works) • Landscaping to road verges, basins and other landscape areas • Repair Maintenance/rework of drainage and improvements along CAR • Dewatering activities following significant rainfall events <u>Development at Lot 1A</u> • Site access improvements • Site compound and facilities • Earthworks • Piling works • In ground services installation • Building pad works • Stormwater works • Modifications and maintenance to primary environmental controls • Dewatering activities following significant rainfall events <u>WNSLR (North of WNSLR Pipeline)</u> - COMPLETED <u>WNSLR (within WNSW Pipeline)</u> – COMPLETED
2.	Proposed upcoming construction works (where known)	The following works are expected in the next period; <u>OWIE Construction Works</u> • Continuing general earthworks with focus on Precinct 4 & 5 • Fill Importation for Precinct 5 • Continuing bio retention 5 construction • Ongoing stormwater and pavement construction • Landscaping to road verges, basins and other landscape areas • Retaining wall construction within OWIE pending confirmation of design • Fencing • Concrete works (Footpaths, Driveways, Layback on road 3 • Maintenance/rework of drainage and improvements along CAR <u>Lot 1A</u> • Formalising site access and environmental controls • General earthworks • Stormwater works and modifications to primary sediment control basin • Piling works • Construction of retaining walls • in-ground service installation • Building Pad Works • Modifications and improvements to primary sediment controls
3.	ER activities undertaken during this reporting period	
	<u>Site inspections</u>	The ER has undertaken the following inspections; These may have included specific inspections to confirm completion of primary Erosion and Sediment Controls in accordance with the requirements of conditions D80 and D81.

06/03/21	Lot 1A • General site control and management • Discussions of staging and management of ESCs
06/03/21	OWIE – Infrastructure • General site control and management • Discussions of management of fill activities and tracking issues to the CAR

		• Review of basins and controls within Precincts 4 and 5
		24/03/21 — Lot 1A • Inspection post significant rain event (approximately 300mm -17-24 MAR 21) • Discussion of dewatering protocols and procedures in respect to other contractors at the development
		24/03/21 — OWIE - Infrastructure • Inspection post significant rain event (approximately 300mm -17-24 MAR 21) • Discussion of dewatering protocols and procedures in respect to other contractors at the development
		A selection of photographs taken as part of inspections is provided, with comments, at item 14.
	Audits undertaken	The following Audits were undertaken in the period. The Audit was undertaken by the Alternate Environmental Representative. 02/03/21 — Lot 1A Contractor • Inductions and environmental training. • Air Quality Management • Soil and Water Management • Fill importation • Waste Management Processes • Chemical storage/ dangerous goods and wastes management • Monitoring and Reporting
4.	Summary of Community Consultation	The CCS includes the register of consultation and communication for the Project. A summarised extract for the period is provided as Attachment 1. Complete records of the register are available if required.
5.	Summary of Complaints	The following complaints have been received during the period. NIL
6.	Summary of Incidents	NIL
7.	Summary of Non-Compliances	NIL
8.	Evaluation of Environmental Performance	All works have been undertaken consistent with of the approved management plans and the Conditions of Consent
9.	Analysis of Lesson Learnt and Opportunities for improvement	Following significant rain event (approximately 300mm) 17-24 March 21, contractors coordinated well with each other to ensure site sediment control basins throughout the development were able to be dewatered in the appropriate order so as to ensure that the development was returned to readiness for the next rainfall event. This was done while also maintaining compliance with best practice and relevant Conditions of Approval. This process no exists for coordination following future rain events.
10.	Any changes to the project including changes to CEMP and other Project Documentation	NIL
11.	Any meetings attended by ER	The ER has been involved in the following meetings; 03/03/21 — Contractor Coordination Meeting Remote - Meeting with AT&L (Project Superintendent) Goodman and Contractor representatives to discuss work staging. Meeting included discussions of ongoing environmental compliance and considerations with upcoming works 10/03/21 — Contractor Coordination Meeting

		Remote - Meeting with AT&L (Project Superintendent) Goodman and Contractor representatives to discuss work staging. Meeting included discussions of ongoing environmental compliance and considerations with upcoming works
	17/02/21	Contractor Coordination Meeting Remote - Meeting with AT&L (Project Superintendent) Goodman and Contractor representatives to discuss work staging. Meeting included discussions of ongoing environmental compliance and considerations with upcoming works
	24/03/21	Contractor Coordination Meeting Remote - Meeting with AT&L (Project Superintendent) Goodman and Contractor representatives to discuss work staging. Meeting included discussions of ongoing environmental compliance and considerations with upcoming works
	24/03/21	Meeting to discuss dewatering coordination between contractors including compliance considerations.
	31/03/21	Contractor Coordination Meeting Remote - Meeting with AT&L (Project Superintendent) Goodman and Contractor representatives to discuss work staging. Meeting included discussions of ongoing environmental compliance and considerations with upcoming works

12. Summary of documents issued by the ER

The following documents were issued by the ER; these were uploaded to the DPIE portal.

19007-ERMR-20-210407	ER Monthly Report for FEB 2021
19007- LTR-0-210324	Guidance on dewatering and coordination with other contractors at the development.

13. Closing Remarks

A significant rain fall event occurred between 17 & 24 MAR 21 with approximately 300mm being received. Site erosion and sediment controls performed in accordance with the approved ESCPs

Sometime around 23 March the formal drainage outlet located at the northern extent of the western landscape bund failed under heavy flows. This outlet had been completed and accepted as constructed per specifications.

The contractor undertook immediate works to reduce the volume flowing to this location and divert flows to other outlet and provide a temporary geotextile flume to accommodate remaining flows to the outlet.

An ER inspection post rain event confirmed that;

- material from failed structure had been captured in the track area below the outlet and within the rip rap within the outlet channel from Basin 2/3
- the outlet channel from basin 2/3 did not flow. All overflows from the basin being via the outlet to the north
- sediment fence set across the outlet channel acted to prevent bulk sediment moving outside the project boundary

A separate inspection by the contractor of the area outside the project boundary confirmed that no significant sediment was mobilised beyond the lower sediment fence.

On the basis of above it was determined that there was no material environmental harm and as such it was not reported as an incident as defined within the Approval for the SSD.

The contractor confirmed that the sediment detained within the outlet channel was cleared prior to dewatering of Basin 2/3 via the channel.

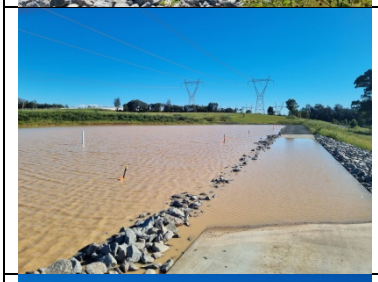
The outlet structure is being re designed to accommodate subsequent large rain events.

14.

Photos and comments from inspections

Photo	Date, Location & Comment
	**Lot 1 A -4 MAR21** The pad area under the building consists of cement stabilised material. It was discussed that in these areas it may be possible to direct water to stormwater separate to other works area. Water from these surfaces will have a much lower sediment load compared to other works areas.

	**Lot 1 A -4 MAR21** Stormwater works are progressing close to the boundary of the site. It was discussed that the upper formation must be re shaped to that the catchment cannot pass out to the boundary. The sediment fence is only sufficient for the batter of the formation.
 	**Lot 1 A -4 MAR21** Sediment control options at the site were discussed. It was confirmed that sediment control should be sufficient such that water passively leaving the project boundary should meet or attempt to meet the WQ standards indicated within the SWMP. If water is actively pumped from basins or storages these must meet the standards of the SWMP. In the context of when the basin may be removed it was discussed that as the works progress and more surfaces become stable (either slabs or roof areas) generating clean water these may be directed straight to stormwater while other works area may be stabilised with polymer or other treatments to further reduce the sediment load. As active works areas are reduced it may then be able to be demonstrated that maintenance of effective at pit controls may be appropriate to allow removal of the basin. This determination should be under the guidance of the contractors CPESC.
	**OWIE Infrastructure -04 MAR 21** Fill material is being imported into precinct 5. The material is coming from multiple locations. Stockpiles are being delivered as separate piles and the piles were being sampled as part of the material classification process.
	**OWIE Infrastructure -04 MAR 21** A large temporary basin has been constructed in the upper formation. A spillway is provided to take water down the batter to the retaining wall works. An access track contracted to the lower works has weakened the dam wall to the north eastern corner. In the event of an overflow there is a chance that the wall will fail at this location and pass down the access track. It was discussed that in the event of a large rain event a large berm may be set across the head of the access track. The berm should be large enough to ensure the spillway is engaged. **This arrangement should be inspected and confirmed by the Contractors CPESC.**
	**OWIE Infrastructure -04 MAR 21** Sediment tracking over the WNSLR is extending towards the bridge over the WNSW pipeline. Ongoing management of the tracking from the CAR needs to be maintained. Further controls at the entrance to the CAR or along its length are required. **This arrangement should be inspected and confirmed by the Contractors CPESC.**

	**OWIE Infrastructure –Post rain inspection 25 MAR 21** Turbid water is detained within the construction channel below the outlet from Estate Basin 1. Water is partially flooded back from Ropes Creek.
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** Estate Basin 1 is full and overflowing. The basin is now overflowing post 300mm+ rainfall during the period.
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** The large temporary basin at Precinct 5 is full and has overflowed to the north.
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** The formal drainage structure from the rear of the retaining wall has failed in the heavy rains. It was confirmed that this structure had been completed and confirmed constructed in accordance with the design.
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** Bulk sediment from the failed area above has been detained within the rip rap channel from Estate Basin 2/3
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** No outlet has occurred from the culvert to the southern channel. All outflows have been via the northern outlet
	**OWIE Infrastructure –Post rain inspection 25 MAR 21** Sediment fence across the limit of the channel has prevented bulk sediment moving past the boundary of site.

Attachment 1 – Extract of Consultation and Communication Register

Date	Responsible Rep	In/Out/ Meeting	Initial Communication Method/Tool	Contact Name/Organisation	Nature of Complaint/Enquiry/ Communication	Summary of Issues/Details of Communication	Resolution
01.03.21	K. McKinnon	In	email	Resident 284 Aldington Road	Thankyou email	email received from resident thanking Goodman for replacing damaged tyre.	Email saved
08.03.21	K. Dracopoulos	Meeting	Meeting	Manager Emmaus Retirement Village, Residents - Emmaus Retirement Village	Attendance at Monthly Resident Meeting - Project Update and Creek Information	Goodman Representatives attended the Emmaus Retirement Village's monthly residents meeting (by invitation) and presented an update on the progress of site works, general stormwater strategy and issues with the floodway between the Village and the Emmaus College, including works undertaken by Goodman in the channel. Residents raised queries about future public transport offerings and the potential for a bus tour of the site.	Summary of discussion recorded and saved
30.03.21	K. Dracopoulos	out	email	Principal Mamre Anglican School, Principal Emmaus College, Principal Trinity Primary School	Notice of localised power outage	email notification provided of local power outage and estimated time of returned service provided by Endeavour Energy	No further actions