

EPL Monitoring Data Record

Mona Vale Road East Upgrade

Jun 2020
- Present



Introduction

The proposed upgrade involves widening of about 3.2 km of Mona Vale Road between Manor Road / Lane Cove Road, Ingleside and Foley Street, Mona Vale.

The upgrade would be from a two lane (one in each direction) undivided road to a four lane (two lanes in each direction) divided road. A component of the works requires the placement of virgin excavated natural material (VENM) spoil excavated from the Mona Vale Road East construction site, within a specific area of future Mona Vale Road West upgrade area.

Georgiou holds EPL 21037 for road construction and land based extractive activities. There is currently no requirement for a monthly pollution monitoring summary for this licence as there are no licenced discharge points on the EPL.

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20lice
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jun-20

Basin discharge record													
Basin ID	Desgin Capacity	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
				Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	700m3	NA	NA		NA	50	NA	6.5-8.5	NA	NV	NV	Per Discharge	Water reused onsite
						50		6.5-8.5		NV			
						50		6.5-8.5		NV			
						50		6.5-8.5		NV			

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additioinally the Western Early Works
Monitoring Month:	Jul-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	21/07/2020	21/07/2020	NA	30.00	50.00	17 (cor)	6.5-8.5	8.10	Nil	Nil	Prior to discharge	
2	31/07/2020	31/07/2020	NA	23.00	50.00	13 (cor)	6.5-8.5	8.10	Nil	Nil	Prior to discharge	
2												
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Abbreviations:												
mg/L = Milligrams per litre			N/A = Not Applicable				NV = None Visible			V = Visible		
DNS = Did Not Sample			(cor) = NTU/TSS correlation				ND = No Discharge			PH = Acidic/ Alkiline		

For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:

(a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge; and

(b) when rainfall causes a discharge from a basin which has not been emptied within 5 days of the cessation of a rainfall event.

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additioinally the Western Early Works
Monitoring Month:	Aug-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	13/08/2020	13/08/2020	NA	68.00	50.00	38 (cor)	6.5-8.5	8.20	Nil	Nil	Prior to discharge	
4	14/08/2020	13/08/2020	NA	67.00	50.00	37.5 (cor)	6.5-8.5	8.20	Nil	Nil	Prior to discharge	

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additioinally the Western Early Works
Monitoring Month:	Sep-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
4	8/09/2020	8/09/2020	NA	24.00	50.00	13 (cor)	6.5-8.5	7.80	Nil	Nil	Prior to discharge	
2	8/09/2020	8/09/2020	NA	41.00	50.00	23 (cor)	6.5-8.5	7.60	Nil	Nil	Prior to discharge	
2	15/09/2020	15/09/2020	NA	52.00	50.00	27 (cor)	6.5-8.5	7.60	Nil	Nil	Prior to discharge	Less than 10mm of rain received
2	24/09/2020	24/09/2020	NA	48.00	50.00	27 (cor)	6.5-8.5	7.50	Nil	Nil	Prior to discharge	
4	24/09/2020	24/09/2020		NA		NA		NA				Front cell of basin only 1/3 full, no discharge required

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Oct-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
												No discharges this month. Heavy rain occurred in late October but the basin have been flocced but the water quality has not met the discharge criteria. More rain is expected throughout the week.

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Nov-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	4/11/2020	4/11/2020	N/A	68.00	50.00	36 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
5	4/11/2020	4/11/2020	N/A	25.00	50.00	12 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
4	16/11/2020	16/11/2020	N/A	6.40	50	2 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	Cell 2 - The sediment basin was discharged outside of the 5 day requirement because the contractor was waiting for EPA approval to discharge the basin pending lab results.
4	16/11/2020	16/11/2020	N/A	8.00	50	3 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	Cell 1 - The sediment basin was discharged outside of the 5 day requirement because the contractor was waiting for EPA approval to discharge the basin pending lab results.

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Dec-20

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity (NTU)		Total Suspended Solids (mg/L)		pH		Oil & Grease (Visual)		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	18/12/2020	18/12/2020	N/A	42.00	50	22 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	Only app. 1/3 discharged due to weather
5	18/12/2020	18/12/2020	N/A	14.00	50	6 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
2	24/12/2020	24/12/2020	N/A	55.00	50	29 (cor)	6.5-8.5	8.40	Nil	N	Prior to discharge	
5	24/12/2020	24/12/2020	N/A	44.00	50	23 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil			

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