

EPL Monitoring Data Record

Mona Vale Road East Upgrade

July 2020 - Present



Georgiou

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												
2												
2												
2												
2												
2												
2												
2												
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Abbreviations:	
mg/L = Milligrams per litre	N/A = Not Applicable
DNS = Did Not Sample	(cor) = NTU/TSS correlation
	NV = None Visible
	ND = No Discharge
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	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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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jan-21

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	11/01/2021	11/01/2021	N/A	58.00	50	31 (cor)	6.5-8.5	7.40	Nil	N	Prior to discharge	
5	11/01/2021	11/01/2021	N/A	10.00	50	4 (cor)	6.5-8.5	7.60	Nil	N	Prior to discharge	
2	19/01/2021	19/01/2021	N/A	65.00	50	33 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
5	19/01/2021	19/01/2021	N/A	11.00	50	4 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
2	25/01/2021	25/01/2021	N/A	62.00	50	32 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	
5	25/01/2021	25/01/2021	N/A	8.00	50	3 (cor)	6.5-8.5	7.70	Nil	N	Prior to discharge	

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Feb-21

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	3/02/2021	3/02/2021	N/A	69.00	50	35 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
5	3/02/2021	3/02/2021	N/A	9.00	50	3 (cor)	6.5-8.5	7.30	Nil	N	Prior to discharge	
5	16/02/2021	16/02/2021	N/A	15.00	50	7 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	
2	18/02/2021	18/02/2021	N/A	73.00	50	37 (cor)	6.5-8.5	8.30	Nil	N	Prior to discharge	
2	25/02/2021	25/02/2021	N/A	62.00	50	31 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
5	25/02/2021	25/02/2021	N/A	12.00	50	5 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Mar-21

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	17/03/2021	17/03/2021	N/A	78.00	50	40 (cor)	6.5-8.5	8.20	Nil	N	Prior to discharge	
5	17/03/2021	17/03/2021	N/A	54.00	50	27 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
2	26/03/2021	26/03/2021	N/A	74.00	50	40 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
5	26/03/2021	26/03/2021	N/A	43.00	50	22 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil			
			N/A		50		6.5-8.5		Nil			

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Apr-21

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	13/04/2021	13/04/2021	N/A	61.00	50	31 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
5	13/04/2021	13/04/2021	N/A	17.00	50	8 (cor)	6.5-8.5	7.30	Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil	N		
			N/A		50		6.5-8.5		Nil	N		
			N/A		50		6.5-8.5		Nil			
			N/A		50		6.5-8.5		Nil			

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	May-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	11/05/2021	11/05/2021	N/A	34.00	50	17 (cor)	6.5-8.5	7.10	Nil	N	Prior to discharge	
5	11/05/2021	11/05/2021	N/A	39.00	50	19 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
2	17/05/2021	17/05/2021	N/A	51.00	50	25 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
5	17/05/2021	17/05/2021	N/A	33.00	50	16 (cor)	6.5-8.5	7.50	Nil	N	Prior to discharge	
3 - Cell 1	28/05/2021	28/05/2021	N/A	7.00	50	2 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	Discharged after approval was granted by the EPA on the 26th of May
3 - Cell 2	28/05/2021	28/05/2021	N/A	5.00	50	1 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	Discharged after approval was granted by the EPA on the 26th of May

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jun-21

Monitoring Type: Water Quality Monitoring

Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	7/06/2021	7/06/2021	N/A	30.00	50	14 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	
5	7/06/2021	7/06/2021	N/A	41.00	50	20 (cor)	6.5-8.5	7.60	Nil	N	Prior to discharge	
2	15/06/2021	15/06/2021	N/A	18.00	50	8 (cor)	6.5-8.5	7.30	Nil	N	Prior to discharge	
5	15/06/2021	15/06/2021	N/A	45.00	50	22 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
2	24/06/2021	24/06/2021	N/A	11.00	50	4 (cor)	6.5-8.5	7.50	Nil	N	Prior to discharge	
5	24/06/2021	24/06/2021	N/A	61.00	50	31 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	

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Monitoring Month:	Jul-21

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Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	7/07/2021	7/07/2021	N/A	12.00	50	5 (cor)	6.5-8.5	7.00	Nil	N	Prior to discharge	
5	7/07/2021	7/07/2021	N/A	52.00	50	26 (cor)	6.5-8.5	7.70	Nil	N	Prior to discharge	
2	13/07/2021	13/07/2021	N/A	15.00	50	7 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	
6	13/07/2021	13/07/2021	N/A	11.00	50	4 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
5	14/07/2021	14/07/2021	N/A	70.00	50	35 (cor)	6.5-8.5	7.30	Nil	N	Prior to discharge	
2	18/07/2021	18/07/2021	N/A	14.00	50	6 (cor)	6.5-8.5	7.20	Nil	N	Prior to discharge	
4	19/07/021	19/07/021	N/A	25.00	50	12 (cor)	6.5-8.5	7.40	Nil	N	Prior to discharge	

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Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	poeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Aug-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended Solids		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
4	26/08/2021	26/08/2021	N/A	25.00	50	12 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	
6	26/08/2021	26/08/2021	N/A	40.00	50	21 (cor)	6.5-8.5	8.20	Nil	N	Prior to discharge	
2	26/08/2021	26/08/2021	N/A	51.00	50	27 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil	N	Prior to discharge	
			N/A		50		6.5-8.5		Nil	N	Prior to discharge	

Abbreviations:	
mg/L = Milligrams per litre	N/A = Not Applicable
DNS = Did Not Sample	(cor) = NTU/TSS correlation
	NV = None Visible
	ND = No Discharge
	V = Visible
	PH = Acidic/ Alkaline
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	

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	poeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Sep-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended Solids		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
5	7/09/2021	7/09/2021	N/A	6.00	50	2 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	
6	7/09/2021	7/09/2021	N/A	17.00	50	8 (cor)	6.5-8.6	7.90	Nil	N	Prior to discharge	
5	15/09/2021	15/09/2021	N/A	20.00	50	9 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
6	15/09/2021	15/09/2021	N/A	19.00	50	9 (cor)	6.5-8.5	8.00	Nil	N	Prior to discharge	
4 (cell 1)	18/09/2021	18/09/2021	N/A	45.00	50	22 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	
4 (cell 2)	18/09/2021	18/09/2021	N/A	14.33	50	6 (cor)	6.5-8.5	8.10	Nil	N	Prior to discharge	
6	27/09/2021	27/09/2021	N/A	28.00	50	13 (cor)	6.5-8.5	7.80	Nil	N	Prior to discharge	
5	29/09/2021	29/09/2021	N/A	34.00	50	17 (cor)	6.5-8.6	7.80	Nil	N	Prior to discharge	
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/ Alkaline		

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	poeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Oct-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended Solids		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
6	16/10/2021	16/10/2021	N/A	10 NTU	50	4 (cor)	6.5-8.5	7.50	Nil	N	Prior to discharge	
5	16/10/2021	16/10/2021	N/A	60 NTU	50	30 (cor)	6.5-8.6	7.20	Nil	N	Prior to discharge	
2	18/10/2021	18/10/2021	N/A	76 NTU	50	39 (cor)	6.5-8.5	7.90	Nil	N	Prior to discharge	

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/ Alkaline		

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&prp
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Nov-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
5	11/11/2021	11/11/2021	N/A	32 NTU	50	16 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	
5	13/11/2021	13/11/2021	N/A	13 NTU	50	6 (COR)	6.5-8.5	7.60	Nil	N	Prior to discharge	
2	13/11/2021	13/11/2021	N/A	78 NTU	50	40 (COR)	6.5-8.5	7.60	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
2	15/11/2021	15/11/2021	N/A	42 NTU	50	21 (COR)	6.5-8.5	7.50	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
2	16/11/2021	16/11/2021	N/A	59 NTU	50	30 (COR)	6.5-8.5	7.70	Nil	N	Prior to discharge	
2	24/11/2021	24/11/2021	N/A	68 NTU	50	34 (COR)	6.5-8.5	7.30	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
5	24/11/2021	24/11/2021	N/A	22 NTU	50	10 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	
2	29/11/2021	29/11/2021	N/A	57 NTU	50	29 (COR)	6.5-8.5	7.40	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point

Abbreviations:

mg/L = Milligrams per lit	N/A = Not Applicable	NV = None Visible	V = Visible
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&prp=no
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Dec-21

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
5	1/12/2021	1/12/2021	N/A	12 NTU	50	5 (COR)	6.5-8.5	7.50	Nil	N	Prior to discharge	
2	3/12/2021	3/12/2021	N/A	10 NTU	50	4 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
2	3/12/2021	3/12/2021	N/A	77 NTU	50	39(COR)	6.5-8.5	7.40	Nil	N	Prior to discharge	
2	9/12/2021	9/12/2021	N/A	62 NTU	50	31(COR)	6.5-8.5	8.20	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
5	9/12/2021	9/12/2021	N/A	83 NTU	50	40(COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	
2	10/12/2021	10/12/2021	N/A	55 NTU	50	28(COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
2	13/12/2021	13/12/2021	N/A	18 NTU	50	8(COR)	6.5-8.5	7.10	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
5	13/12/2021	13/12/2021	N/A	16 NTU	50	7(COR)	6.5-8.5	7.80	Nil	N	Prior to discharge	
2	15/12/2021	15/12/2021	N/A	74 NTU	50	38 (COR)	6.5-8.5	7.80	Nil	N	Prior to discharge	

Abbreviations:

mg/L = Milligrams per lit	N/A = Not Applicable	NV = None Visible	V = Visible
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	www.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&page=1
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Feb-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended Solids		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
1	11/02/2022	11/02/2022	N/A	43 NTU	50	21 (COR)	6.5-8.5	8.30	Nil	N	Prior to discharge	Cell 1 of the triple cell
1	11/02/2022	11/02/2022	N/A	17 NTU	50	8 (COR)	6.5-8.5	8.10	Nil	N	Prior to discharge	Cell 2 of the triple cell
2	11/02/2022	11/02/2022	N/A	48	50	24 (COR)	6.5-8.5	8.3	Nil	N		
2	14/02/2022	14/02/2022	N/A	25 NTU	50	12 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	Pumped from the RW5 sump and discharged through Basin 2's licensed discharge point
2	14/02/2022	14/02/2022	N/A	23 NTU	51	11 (COR)	6.5-8.5	8.40	Nil	N	Prior to discharge	

Abbreviations:			
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DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline
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			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	poeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO?
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Mar-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
4	09/03/2022	09/03/2022	N/A	55 NTU	50	28 (COR)	6.5-8.5	7.30	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point
2	14/03/2022	14/03/2022	N/A	45 NTU	50	22 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	
4	14/03/2022	14/03/2022	N/A	18 NTU	50	8 (COR)	6.5-8.5	8.00	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point
2	22/03/2022	22/03/2022	N/A	78 NTU	50	40 (COR)	6.5-8.5	8.00	Nil	N	Prior to discharge	Pumped from the RW5 sump to Basin 2's discharge point
2	25/03/2022	25/03/2022	N/A	25 NTU	50	12 (COR)	6.5-8.5	7.30	Nil	N	Prior to discharge	
4	25/03/2022	25/03/2022	N/A	12 NTU	50	5 (COR)	6.5-8.5	8.20	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point
4	28/03/2022	28/03/2022	N/A	30 NTU	50	14 (COR)	6.5-8.5	7.40	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point
4	29/03/2022	29/03/2022	N/A	81 NTU	50	41 (COR)	6.5-8.5	7.20	Nil	N	Prior to discharge	
4	30/03/2022	30/03/2022	N/A	49 NTU	50	24 (COR)	6.5-8.5	7.00	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point

Abbreviations:

mg/L = Milligrams per lit	N/A = Not Applicable	NV = None Visible	V = Visible
DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline

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

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:	Apr-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
4	04/04/2022	04/04/2022	N/A	12 NTU	50	5 (COR)	6.5-8.5	8.20	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point
2	05/04/2022	05/04/2022	N/A	32 NTU	50	16 (COR)	6.5-8.5	7.80	Nil	N	Prior to discharge	
2	19/04/2022	19/04/2022	N/A	16 NTU	50	7 (COR)	6.5-8.5	8.00	Nil	N	Prior to discharge	
4	21/04/2022	21/04/2022	N/A	24 NTU	50	11 (COR)	6.5-8.5	8.10	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's discharge point

Abbreviations:												
mg/L = Milligrams per		N/A = Not Applicable					NV = None Visible			V = Visible		
DNS = Did Not Sample		(cor) = NTU/TSS correlation					ND = No Discharge			PH = Acidic/ Alkaline		

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	geoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	May-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
Basin 2	05/04/2022	05/04/2022	N/A	66 NTU	50	33 (COR)	6.5-8.5	8.20	Nil	N	Prior to discharge	
W8 sump	06/05/2022	06/05/2022	N/A	38 NTU	50	19 (COR)	6.5-8.5	7.10	Nil	N	Prior to discharge	Pumped from W8 sump to basin 5's licensed discharge point
W8 sump	16/05/2022	16/05/2022	N/A	22 NTU	50	10 (COR)	6.5-8.5	7.4	Nil	N	Prior to discharge	Pumped from W8 sump to basin 5's licensed discharge point
Basin 2	18/05/2022	18/05/2022	N/A	79 NTU	50	40 (COR)	6.5-8.5	7.50	Nil	N	Prior to discharge	
Basin 4 (cell 1)	20/05/2022	20/05/2022	N/A	49 NTU	50	24 (COR)	6.5-8.5	7.20	Nil	N	Prior to discharge	
Basin 4 (cell 2)	20/05/2022	20/05/2022	N/A	34 NTU	50	17 (COR)	6.5-8.5	7.20	Nil	N	Prior to discharge	

RW5 sump	26/05/2022	26/05/2022	N/A	58 NTU	50	29 (COR)	6.5-8.5	8.20	Nil	N	Prior to discharge	Pumped from the RW5 sump to Basin 2's licensed discharge point
W8 sump	27/05/2022	27/05/2022	N/A	18 NTU	50	8 (COR)	6.5-8.7	8.00	Nil	N	Prior to discharge	Pumped from W8 sump to basin 5's licensed discharge point
Basin 2	29/05/2022	29/05/2022	N/A	58 NTU	50	29 (COR)	6.5-8.5	7.50	Nil	N	Prior to discharge	

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DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline

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

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%20lic
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jun-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Freq	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
Basin 4 (cell 1)	14/06/2022	14/06/2022	N/A	18 NTU	50	8 (COR)	6.5-8.5	7.60	Nil	N	Prior to discharge	Rainfall received last month - extra Heavy Metal discharge criteria required before
Basin 4 (cell 2)	14/06/2022	14/06/2022	N/A	36 NTU	50	18 (COR)	6.5-8.5	7.60	Nil	N	Prior to discharge	Rainfall received last month - extra Heavy Metal discharge criteria required before
RW1 Sump	22/06/2022	22/06/2022	N/A	56 NTU	50	28 (COR)	6.5-8.5	8.4	Nil	N	Prior to discharge	Pumped from the RW1 sump to Basin 4's licensed discharge point
RW5 Sump	22/06/2022	22/06/2022	N/A	64 NTU	50	32 (COR)	6.5-8.5	7.90	Nil	N	Prior to discharge	Pumped from the RW5 sump to Basin 2's licensed discharge point
Basin 2	23/06/2022	23/06/2022	N/A	31 NTU	50	15 (COR)	6.5-8.5	7.30	Nil	N	Prior to discharge	

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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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	http://epo.eoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jul-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
Basin 4 (Cell 1)	08/07/2022	08/07/2022	N/A	14 NTU	50	6	6.5-8.5	7.4	Nil	N	Prior to discharge	
Basin 4 (Cell 2)	08/07/2022	08/07/2022	N/A	14 NTU	50	6	6.5-8.5	7.4	Nil	N	Prior to discharge	
Basin 4 (Cell 1)	15/07/2022	15/07/2022	N/A	18 NTU	50	8	6.5-8.5	7.0	Nil	N	Prior to discharge	
Basin 4 (Cell 2)	15/07/2022	15/07/2022	N/A	20 NTU	50	9	6.5-8.5	7.3	Nil	N	Prior to discharge	
Basin 2	29/07/2022	29/07/2022	N/A	50 NTU	50	25	6.5-8.5	7.2	Nil	N	Prior to discharge	

Abbreviations:	
mg/L = Milligrams per litre	N/A = Not Applicable
DNS = Did Not Sample	(cor) = NTU/TSS correlation
	NV = None Visible
	ND = No Discharge
	V = Visible
	PH = Acidic/ Alkaline

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	epoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Aug-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
Basin 2	18/08/2022	18/08/2022	N/A	63 NTU	50	32 (COR)	6.5-8.5	7.4	Nil	N	Prior to discharge	
Basin 4 (Cell 2)	22/08/2022	22/08/2022	N/A	32 NTU	50	16 (COR)	6.5-8.5	7.3	Nil	N	Prior to discharge	
Basin 2	30/08/2022	30/08/2022	N/A	48 NTU	50	24 (COR)	6.5-8.5	7.7	Nil	N	Prior to discharge	

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/ Alkaline

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

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	ov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licenc
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Sep-22

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
Basin 8	12/09/2022	12/09/2022	N/A	19.00	50	9 (COR)	6.5-8.5	7.6	Nil	N	Prior to discharge	
Basin 2	14/09/2022	14/09/2022	N/A	72.00	50	37 (COR)	6.5-8.5	8.3	Nil	N	Prior to discharge	
Basin 4 (Cell 2)	15/09/2022	15/09/2022	N/A	16.00	50	7 (COR)	6.5-8.5	8.1	Nil	N	Prior to discharge	
Basin 4 (Cell 3)	15/09/2022	15/09/2022	N/A	56.00	50	28 (COR)	6.5-8.5	8.2	Nil	N	Prior to discharge	
Basin 3	19/09/2022	19/09/2022	N/A	38.00	50	19 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	
Basin 2	20/09/2022	20/09/2022	N/A	74.00	50	38 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	
Basin 4 (Cell 2)	21/09/2022	21/09/2022	N/A	33.00	50	16 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	
Basin 4 (Cell 3)	21/09/2022	21/09/2022	N/A	48.00	50	24 (COR)	6.5-8.5	8.0	Nil	N	Prior to discharge	
Basin 8	29/09/2022	29/09/2022	N/A	38.00	50	19 (COR)	6.5-8.5	7.9	Nil	N	Prior to discharge	

Abbreviations:	
mg/L = Milligrams per litre	N/A = Not Applicable
DNS = Did Not Sample	(cor) = NTU/TSS correlation
	NV = None Visible
	ND = No Discharge
	V = Visible
	PH = Acidic/ Alkaline
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	

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	http://epa.nsw.gov.au/epoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Oct-22

Monitoring Type: Water Quality Monitoring												
ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
3	10/10/2022	10/10/2022	N/A	41 NTU	50	20 (COR)	6.5-8.5	8	Nil	N	Prior to discharge	LDP 3 and 8 are sumps used for treating water transferred from excavations on site
8	10/10/2022	10/10/2022	N/A	49 NTU	50	24 (COR)	6.5-8.5	8.0	Nil	N	Prior to discharge	
7	13/10/2022	13/10/2022	N/A	22 NTU	50	10 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	
2	13/10/2022	13/10/2022	N/A	48 NTU	50	24 (COR)	6.5-8.5	7.9	Nil	N	Prior to discharge	
8	18/10/2022	18/10/2022	N/A	15 NTU	50	7 (COR)	6.5-8.5	7.7	Nil	N	Prior to discharge	LDP 3 and 8 are sumps used for treating water transferred from excavations on site
3	20/10/2022	20/10/2022	N/A	43 NTU	50	21 (COR)	6.5-8.5	8.3	Nil	N	Prior to discharge	
8	25/10/2022	25/10/2022	N/A	12 NTU	50	5 (COR)	6.5-8.5	7.9	Nil	N	Prior to discharge	
3	27/10/2022	27/10/2022	N/A	26 NTU	50	12 (COR)	6.5-8.5	8.4	Nil	N	Prior to discharge	
8	27/10/2022	27/10/2022	N/A	36 NTU	50	18 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	
2	28/10/2022	28/10/2022	N/A	12 NTU	50	5 (COR)	6.5-8.5	7.8	Nil	N	Prior to discharge	

7	28/10/2022	28/10/2022	N/A	8 NTU	50	3 (COR)	6.5-8.5	8.0	Nil	N	Prior to discharge	
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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/ Alkaline	

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

(COR)

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	oeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Nov-22

Monitoring Type: Water Quality Monitoring												
ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
4 (cell 3)	03/11/2022	03/11/2022	N/A	18.00	50	8	6.5-8.5	7.6	Nil	N	Prior to discharge	
4 (cell 2)	11/11/2022	11/11/2022	N/A	12.11	50	5	6.5-8.5	7.8	Nil	N	Prior to discharge	
3	15/11/2022	15/11/2022	N/A	49.00	50	24	6.5-8.5	7.8	Nil	N	Prior to discharge	
2	16/11/2022	16/11/2022	N/A	39.00	50	19	6.5-8.5	8.0	Nil	N	Prior to discharge	
8	29/11/2022	29/11/2022	N/A	54.00	50	27	6.5-8.5	8.5	Nil	N	Prior to discharge	

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/ Alkaline

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.

(COR)

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Dec-22

Monitoring Type: Water Quality Monitoring												
ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	20/12/2022	20/12/2022	N/A	75.10	50	38	6.5-8.5	7.1	Nil	N	Prior to discharge	

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/ Alkaline		

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.

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	www.epa.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&pr
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jan-23

Monitoring Type: Water Quality Monitoring												
Basin ID	Date Sampled	Date Data Obtained	Turbidity		Total Suspended		pH		Oil & Grease		Monitoring Frequency	Comment
			Licence Limit	Results	Licence Limit	Results	Licence Limit	Results	Licence Limit	Results		
2	12/01/2023	12/01/2023	N/A	72.40	50	37	6.5-8.5	8.1	Nil	N	Prior to discharge	
3	12/01/2023	12/01/2023	N/A	1.46	50	0	6.5-8.5	7.8	Nil	N	Prior to discharge	
2	30/01/2023	30/01/2023	N/A	15.43	50	7	6.5-8.6	6.7	Nil	N	Prior to discharge	
3	30/01/2023	30/01/2023	N/A	13.29	50	6	6.5-8.7	7.1	Nil	N	Prior to discharge	

Abbreviations:	
mg/L = Milligrams per litre	N/A = Not Applicable
DNS = Did Not Sample	(cor) = NTU/TSS correlation
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	ND = No Discharge
	V = Visible
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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	
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Environment Protection Licence Monitoring Data

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Feb-23

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	02/02/2023	02/02/2023	N/A	5.42	50	2	6.5-8.5	8.1	Nil	N	Prior to discharge	
2	13/02/2023	13/02/2023	N/A	19.00	50	9	6.5-8.5	7.9	Nil	N	Prior to discharge	
2	20/02/2023	20/02/023	N/A	4.70	50	1	6.5-8.5	8.3	Nil	N	Prior to discharge	
3	20/02/2023	20/02/023	N/A	30.10	50	15	6.5-8.5	8.3	Nil	N	Prior to discharge	
2	27/02/2023	27/02/2023	N/A	4.56	50	1	6.5-8.5	8.4	Nil	N	Prior to discharge	

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/ Alkaline
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.			

Environment Protection Licence Monitoring Data

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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Mar-23

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		
3	03/03/2023	03/03/2023	N/A	4.61	50	1	6.5-8.5	8.5	Nil	N	Prior to discharge	Very clear water
Abbreviations:												

mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
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DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline
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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.

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Apr-23

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	06/04/2023	06/04/2023	N/A	16.95	50	8	6.5-8.5	8.0	Nil	N	Prior to discharge	
3	06/04/2023	06/04/2023	N/A	26.60	50	13	6.5-8.5	6.9	Nil	N	Prior to discharge	
3	14/04/2023	14/04/2023	N/A	66.30	50	34	6.5-8.5	7.7	Nil	N	Prior to discharge	
3	17/07/2023	17/04/2023	N/A	22.70	50	11	6.5-8.5	7.8	Nil	N	Prior to discharge	
2	19/07/2023	19/04/2023	N/A	22.70	50	10	6.5-8.5	7.9	Nil	N	Prior to discharge	
3	24/04/2023	24/04/2023	N/A	12.03	50	5	6.5-8.5	8.5	Nil	N	Prior to discharge	

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/ Alkaline
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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=PEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	May-23

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		
3	01/05/2023	01/05/2023	N/A	80.70	50	41	6.5-8.5	8.1	Nil	N	Prior to discharge	
3	08/05/2023	08/05/2023	N/A	10.13	50	4	6.5-8.5	8.4	Nil	N	Prior to discharge	
3	15/05/2023	15/05/2023	N/A	24.80	50	12	6.5-8.5	8.1	Nil	N	Prior to discharge	
3	19/05/2023	19/05/2023	N/A	4.45	50	1	6.5-8.5	8.0	Nil	N	Prior to discharge	
2	22/05/2023	22/05/2023	N/A	7.78	50	3	6.5-8.5	8.5	Nil	N	Prior to discharge	

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DNS = Did Not Sample	(cor) = NTU/TSS correlation	ND = No Discharge	PH = Acidic/ Alkaline
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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jun-23

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		
3	02/06/2023	02/06/2023	N/A	45.00	50	22	6.5-8.5	8	Nil	N	Prior to discharge	
3	07/06/2023	07/06/2023	N/A	13.94	50	6	6.5-8.5	8.5	Nil	N	Prior to discharge	
3	13/06/2023	13/06/2023	N/A	18.49	50	8	6.5-8.5	7.6	Nil	N	Prior to discharge	
3	23/06/2023	23/06/2023	N/A	51.50	50	26	6.5-8.5	8.4	Nil	N	Prior to discharge	
3	29/06/2023	29/06/2023	N/A	27.10	50	13	6.5-8.5	8.5	Nil	N	Prior to discharge	

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/ Alkaline
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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jul-23

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		
3	05/07/2023	05/07/2023	N/A	49.00	50	24	6.5-8.5	8.5	Nil	N	Prior to discharge	
2	28/07/2023	28/07/2023	N/A	57.60	50	29	6.5-8.5	8.4	Nil	N	Prior to discharge	

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/ Alkaline
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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Aug-23

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		
3	15/08/2023	15/08/2023	N/A	41.60	50	21	6.5-8.5	8.2	Nil	N	Prior to discharge	
2	16/08/2023	16/08/2023	N/A	44.90	50	22	6.5-8.5	8.3	Nil	N	Prior to discharge	
WEW Sump	21/08/2023	21/08/2023	N/A	23.50	50	11	6.5-8.5	8.5	Nil	N	Prior to discharge	

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/ Alkaline
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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Sep-23

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		
WEW Sump	01/09/2023	01/09/2023	N/A	63.30	50	32	6.5-8.5	8	Nil	N	Prior to discharge	

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/ Alkaline
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			
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Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Oct-23

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		
N/A	N/A	N/A	N/A	N/A	50.00	N/A	6.5-8.5	N/A	NV	N/A	per discharge	no basin discharges during October 2023

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.

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=PEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Nov-23

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	21/11/2023	21/11/2023	N/A	25.10	50	12	6.5-8.5	8.4	Nil	N	Prior to discharge	

Abbreviations:

mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
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For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:

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Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=PEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Dec-23

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	05/12/2023	05/12/2023	N/A	48.10	50	24	6.5-8.5	8	Nil	N	Prior to discharge	

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For the purposes of condition M2.1 of the Licence and the 'Special Frequency 1' means:			
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Jan-24

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	09/01/2024	09/01/2024	N/A	41.80	50	21	6.5-8.5	7.6	Nil	N	Prior to discharge	
2	19/09/2024	19/09/2024	N/A	11.05	50	4	6.5-8.5	7.6	Nil	N	Prior to discharge	

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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.			

Environment Protection Licence Monitoring Data

Project Name:	MVRE
Environment Protection Licence No:	21037
Link to Public Register on EPA website:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21037&id=21037&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued
Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Feb-24

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		
The WEW Sump	05/02/2024	05/02/2024	N/A	33.50	50	16	6.5-8.5	8	Nil	N	Prior to discharge	
2	26/02/2024	26/02/2024	N/A	14.67	50	6	6.5-8.5	8	Nil	N	Prior to discharge	

Abbreviations:			
mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
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Premise Address:	Mona Vale Road - between Manor Rd and Foley Street, Additionally the Western Early Works
Monitoring Month:	Mar-24

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	13/03/2024	13/03/2024	N/A	17.42	50	8	6.5-8.5	7.9	Nil	N	Prior to discharge	

Abbreviations:			
mg/L = Milligrams per litre	N/A = Not Applicable	NV = None Visible	V = Visible
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