



**POLLUTION MONITORING DATA - EPL 21972  
MOOREBANK AVE REALIGNMENT WORKS  
400 MOOREBANK AVE, MOOREBANK, NSW 2170**

**POWERING FUTURES,  
CREATING LEGACIES.**



## Environment Protection Licence Monitoring Data

Project Name:	Moorebank Ave Realignment Works
Premise Address:	400 Moorebank Ave, Moorebank, NSW 2170
Monitoring Month:	March 2025
Environment Protection Licence No:	21972
Link to Public Register on EPA website:	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>

Discharge Point	Date Sampled	Special Frequency 1						Special Frequency 2					Comments
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)	Perfluorooctanoic acid (PFOA) (µg/L)	Zinc (dissolved) (µg/L)	
		Licence concertation	Result	Licence concertation	Result	Licence concertation	Result	Result	Result	Result	Result	Result	
													No discharges in March

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

Special Frequency 1 means:  
a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and  
b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.

Special Frequency 2 means:  
At least one (1) sample from any basin or holding tank where a controlled discharge is undertaken within a calendar month period. In the event that two (2) or more controlled discharges are undertaken from a basin within a calendar month period, a minimum total of two (2) samples must be collected from each discharging basin or holding tank. Collection of 'Special Frequency 2' samples must be undertaken either during or as close as possible to the time of discharge, when it is safe to do so.







## Environment Protection Licence Monitoring Data

Project Name:	Moorebank Ave Realignment Works
Premise Address:	400 Moorebank Ave, Moorebank, NSW 2170
Monitoring Month:	June 2025
Environment Protection Licence No:	21972
Link to Public Register on EPA website:	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>

Discharge Point	Date Sampled	Special Frequency 1						Special Frequency 2					Comments
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)	Perfluorooctanoic acid (PFOA) (µg/L)	Zinc (dissolved) (µg/L)	
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Result	
DP1	7/06/2025	50	22	6.5-8.5	8.32	NV	NV	<1	<1	0.03	<0.01	<5	

Notes:			
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than	
- Not required to be sampled	NV None Visible	V Visible	

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Project Name:	Moorebank Ave Realignment Works
Premise Address:	400 Moorebank Ave, Moorebank, NSW 2170
Monitoring Month:	June 2025
Environment Protection Licence No:	21972
Link to Public Register on EPA website:	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>

Location	Date Monitored	NCA	Period	Criteria (LAeq- 15mindB(A))	Measured	Est MARW Contribution	Compliant	Observations
					LAeq dB(A)	LAeq dB(A)		
26 Brickenden Court	22.06.25	2	Night	36	41.2	0	Yes	Construction not heard
25 Exford Court	22.06.25	3	Night	36	41.2	0	Yes	Construction not heard
25 Yallum Court	22.06.25	4	Night	44	43.7	0	Yes	Construction not heard
25 Yallum Court	22.06.25	4	Night	44	44.6	0	Yes	Construction not heard
25 Exford Court	22.06.25	3	Night	36	47.8	0	Yes	Construction not heard
26 Brickenden Court	22.06.25	2	Night	36	48.3	0	Yes	Construction not heard
25 Yallum Court	22.06.25	4	Night	44	52	0	Yes	Construction not heard

Notes:	NCA Noise Catchment Area
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## Environment Protection Licence Monitoring Data

Project Name:	Moorebank Ave Realignment Works
Premise Address:	400 Moorebank Ave, Moorebank, NSW 2170
Monitoring Month:	July 2025
Environment Protection Licence No:	21972
Link to Public Register on EPA website:	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&amp;id=21972&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>

Discharge Point	Date Sampled	Special Frequency 1						Special Frequency 2					Comments
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)	Perfluorooctanoic acid (PFOA) (µg/L)	Zinc (dissolved) (µg/L)	
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Result	
DP2	4/07/2025	50	40	6.5-8.5	7.9	NV	NV	<1	<1	0.01	<0.01	<5	
DP1	4/07/2025	50	45	6.5-8.5	8.2	NV	NV	2	<1	0.08	0.02	<5	
DP2	5/07/2025	50	25	6.5-8.5	8.3	NV	NV	<1	<1	0.66	0.01	<5	
DP2	5/07/2025	50	8.1	6.5-8.5	25	NV	NV	<1	1	0.5	0.03	<5	
DP2	7/07/2025	50	30	6.5-8.5	8.4	NV	NV	<1	<1	0.66	0.01	<5	
DP2	7/07/2025	50	8.5	6.5-8.5	35	NV	NV	<1	1	0.5	0.03	<5	
DP2	8/07/2025	50	30	6.5-8.5	8.4	NV	NV	<1	<1	0.66	0.01	<5	
DP2	9/07/2025	50	30	6.5-8.5	8.5	NV	NV	1	<1	0.66	0.01	<5	

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

Special Frequency 1 means:  
a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and  
b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.

Special Frequency 2 means:  
At least one (1) sample from any basin or holding tank where a controlled discharge is undertaken within a calendar month period. In the event that two (2) or more controlled discharges are undertaken from a basin within a calendar month period, a minimum total of two (2) samples must be collected from each discharging basin or holding tank. Collection of 'Special Frequency 2' samples must be undertaken either during or as close as possible to the time of discharge, when it is safe to do so.







## Environment Protection Licence Monitoring Data

Project Name: Moorebank Ave Realignment Works  
 Premise Address: 400 Moorebank Ave, Moorebank, NSW 2170  
 Monitoring Month: October 2025  
 Environment Protection Licence No: 21972  
 Link to Public Register on EPA website: https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&id=21972&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

Discharge Point	Date Sampled	Special Frequency 1				Special Frequency 2				Special Frequency 3				Comments		
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Aluminium (dissolved) (µg/L)	Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Zinc (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)			Perfluorooctanoic acid (PFOA) (µg/L)	
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Licence concentration	Result		Licence concentration	Result
																No water pumped off site to the environment.
																Water criteria for Aluminium and Special Frequency 3 added in EPL Variation 21/10/2025.

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

**Special Frequency 1 means:**  
 a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and  
 b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.

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 At least one (1) sample from any basin or holding tank where a controlled discharge is undertaken within a calendar month period. In the event that two (2) or more controlled discharges are undertaken from a basin within a calendar month period, a minimum total of two (2) samples must be collected from each discharging basin or holding tank. Collection of 'Special Frequency 2' samples must be undertaken either during or as close as possible to the time of discharge, when it is safe to do so.

**Special Frequency 3 means:**  
 At least one (1) sample from any basin or holding tank prior to a controlled discharge being undertaken following a rain event.

## Environment Protection Licence Monitoring Data

Project Name: Moorebank Ave Realignment Works  
 Premise Address: 400 Moorebank Ave, Moorebank, NSW 2170  
 Monitoring Month: November 2025  
 Environment Protection Licence No: 21972  
 Link to Public Register on EPA website: https://apps.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=21972&id=21972&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

Discharge Point	Date Sampled	Special Frequency 1						Special Frequency 2				Special Frequency 3				Comments
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Aluminium (dissolved) (µg/L)	Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Zinc (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)		Perfluorooctanoic acid (PFOA) (µg/L)		
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Licence concentration	Result	Licence concentration	Result	
1	4/11/2025			6.5-8.5	7.8			19	1	<1	<5	0.13	0.07	220	0.01	
1	7/11/2025	50	37	6.5-8.5	6.9	NV	NV									
3	19/11/2025	50	14	6.5-8.5	7.1	NV	NV	<50	<1	<1	<5	0.13	0.012	220	0.022	
3	26/11/2025	50	<5	6.5-8.5	7.7	NV	NV	<50	<1	<1	<5	0.13	0.007	220	<0.001	

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

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 a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and  
 b) when rainfall causes a discharge from a sediment basin which has not been emptied within the design management period following cessation of a rainfall event, when it is safe to do so.

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 At least one (1) sample from any basin or holding tank where a controlled discharge is undertaken within a calendar month period. In the event that two (2) or more controlled discharges are undertaken from a basin within a calendar month period, a minimum total of two (2) samples must be collected from each discharging basin or holding tank. Collection of 'Special Frequency 2' samples must be undertaken either during or as close as possible to the time of discharge, when it is safe to do so.

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 At least one (1) sample from any basin or holding tank prior to a controlled discharge being undertaken following a rain event.



## Environment Protection Licence Monitoring Data

Project Name: Moorebank Ave Realignment Works  
 Premise Address: 400 Moorebank Ave, Moorebank, NSW 2170  
 Monitoring Month: December 2025  
 Environment Protection Licence No: 21972  
 Link to Public Register on EPA website: https://apps.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=21972&id=21972&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

Discharge Point	Date Sampled	Special Frequency 1						Special Frequency 2				Special Frequency 3				Comments
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Aluminium (dissolved) (µg/L)	Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Zinc (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)		Perfluorooctanoic acid (PFOA) (µg/L)		
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Licence concentration	Result	Licence concentration	Result	
Discharge Point 1	3/12/2025	50	<1	6.5-8.5	7.5	NV	NV	<50	<1	<1	<5	0.13	<0.005	220	<0.001	
Discharge Point 1	15/12/2025	50	<1	6.5-8.5	8	NV	NV	<50	<1	<1	<5	0.13	0.006	220	<0.001	
Discharge Point 3	15/12/2025	50	<1	6.5-8.5	7.6	NV	NV	<50	<1	1	<5	0.13	0.001	220	<0.001	

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

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Special Frequency 3 means:  
 At least one (1) sample from any basin or holding tank prior to a controlled discharge being undertaken following a rain event.



## Environment Protection Licence Monitoring Data

Project Name: Moorebank Ave Realignment Works  
 Premise Address: 400 Moorebank Ave, Moorebank, NSW 2170  
 Monitoring Month: January 2026  
 Environment Protection Licence No: 21972  
 Link to Public Register on EPA website: <https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21972&id=21972&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued>

Discharge Point	Date Sampled	Special Frequency 1				Special Frequency 2				Special Frequency 3				Comments		
		Turbidity (NTU)		pH		Oil and Grease (Visible)		Aluminium (dissolved) (µg/L)	Copper (dissolved) (µg/L)	Nickel (dissolved) (µg/L)	Zinc (dissolved) (µg/L)	Perfluorooctane sulphonate (PFOS) (µg/L)			Perfluorooctanoic acid (PFOA) (µg/L)	
		Licence concentration	Result	Licence concentration	Result	Licence concentration	Result	Result	Result	Result	Result	Licence concentration	Result		Licence concentration	Result
Discharge Point 1	21/01/2026	50	<1	6.5-8.5	7.1	NV	NV	<50	<1	3	6	0.13	<0.01	220	<0.01	
Discharge Point 1	21/01/2026	50	<1	6.5-8.5	7.2	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	22/01/2026	50	<1	6.5-8.5	7.6	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	23/01/2026	50	<1	6.5-8.5	7.5	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	24/01/2026	50	<1	6.5-8.5	7.3	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	27/01/2026	50	<1	6.5-8.5	7.4	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	28/01/2026	50	<1	6.5-8.5	7.6	NV	NV									Same discharge/rain event as sample above
Discharge Point 1	29/01/2026	50	<1	6.5-8.5	7.2	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	21/01/2026	50	<1	6.5-8.5	7.4	NV	NV	<50	<1	1	<5	0.13	<0.01	220	<0.01	
Discharge Point 3	22/01/2026	50	<1	6.5-8.5	7.3	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	23/01/2026	50	<1	6.5-8.5	7.6	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	24/01/2026	50	<1	6.5-8.5	8.1	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	27/01/2026	50	<1	6.5-8.5	7.8	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	28/01/2026	50	<1	6.5-8.5	7.6	NV	NV									Same discharge/rain event as sample above
Discharge Point 3	29/01/2026	50	<1	6.5-8.5	7.7	NV	NV									Same discharge/rain event as sample above
Discharge Point 2	22/01/2026	50	25	6.5-8.5	8.5	NV	NV	11	<1	<1	<5	0.13	0.02	220	<0.01	
Discharge Point 4	22/01/2026	50	35	6.5-8.5	8.5	NV	NV	38	<1	<1	<5	0.13	0.07	220	<0.01	
Discharge Point 1	23/01/2026	50	45	6.5-8.5	8.5	NV	NV	37	<1	<1	<5	0.13	0.05	220	<0.01	

Notes:		
NTU (nephelometric turbidity units)	µg/L Micrograms per Litre	< less than
- Not required to be sampled	NV None Visible	V Visible

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 a) less than 24 hours prior to a controlled discharge and daily for any continued controlled discharge, when it is safe to do so; and  
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