

Environment Protection Licence Monitoring Data

Project Name:	WestConnex Stage 3A - M4-M5 Link Mainline Tunnels
Monitoring Period:	July 2020
Licensee:	Samsung C&T Corporation, Bouygues Construction Australia Pty Ltd, Lendlease Engineering Pty Limited
Environment Protection Licence Number:	21149
Premise Address:	WestConnex between M4 East at Haberfield and The New M5 at St. Peters, Marrickville NSW 2204
Public Register:	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21149&id=21149&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=Issued

Monitoring Type: Ground Vibration Peak Particle Velocity (PPV) Monitoring

1. E2: Controlled Blasting Trial

Date	Time	Location No.	Location		PPV (mm/s)	Licence Limit (mm/s)	Comments
27/08/2020	9:22 AM	1	330598.62	6249069.05	0.7	10	Compliant
27/08/2020	9:22 AM	2	330590.02	6249041.95	1.1	10	Compliant
27/08/2020	9:22 AM	3	330597.95	6249092.29	3.6	10	Compliant
27/08/2020	9:22 AM	4	330613.69	6249099.32	3.9	10	Compliant
27/08/2020	9:22 AM	5	330569.90	6249103.47	1.3	10	Compliant
27/08/2020	9:22 AM	6	330640.45	6249089.47	1.8	10	Compliant
27/08/2020	9:22 AM	7	330521.47	6249090.80	0.6	10	Compliant
27/08/2020	9:22 AM	8	330629.04	6248988.15	0.3	10	Compliant
27/08/2020	9:22 AM	9	330698.67	6249179.19	0.3	10	Compliant
27/08/2020	9:22 AM	10	330702.37	6249242.08	0.2	10	Compliant
27/08/2020	9:22 AM	11	330584.79	6249209.66	0.4	10	Compliant
27/08/2020	9:22 AM	12	330416.38	6249205.45	0.035	10	Compliant
27/08/2020	9:22 AM	13	330504.96	6249218.22	0.05	10	Compliant
27/08/2020	9:22 AM	14	330628.46	6249130.80	0.635	10	Compliant
27/08/2020	9:22 AM	15	330633.11	6249106.74	2.79	10	Compliant
27/08/2020	9:22 AM	16	330596.87	6249076.59	1.5	10	Compliant
27/08/2020	10:38 AM	1	330598.62	6249069.05	1.4	10	Compliant
27/08/2020	10:38 AM	2	330590.02	6249041.95	1.4	10	Compliant
27/08/2020	10:38 AM	3	330597.95	6249092.29	7.1	10	Compliant
27/08/2020	10:38 AM	4	330613.69	6249099.32	5.1	10	Compliant
27/08/2020	10:38 AM	5	330569.90	6249103.47	2.7	10	Compliant
27/08/2020	10:38 AM	6	330640.45	6249089.47	2.1	10	Compliant
27/08/2020	10:38 AM	7	330521.47	6249090.80	2.2	10	Compliant
27/08/2020	10:38 AM	8	330629.04	6248988.15	0.4	10	Compliant
27/08/2020	10:38 AM	9	330698.67	6249179.19	1.6	10	Compliant
27/08/2020	10:38 AM	10	330702.37	6249242.08	0.7	10	Compliant
27/08/2020	10:38 AM	11	330584.79	6249209.66	0.7	10	Compliant
27/08/2020	10:38 AM	12	330416.38	6249205.45	0.05	10	Compliant



Date	Time	Location No.	Location		PPV (mm/s)	Licence Limit (mm/s)	Comments
27/08/2020	10:38 AM	13	330504.96	6249218.22	0.09	10	Compliant
27/08/2020	10:38 AM	14	330628.46	6249130.80	1.16	10	Compliant
27/08/2020	10:38 AM	15	330633.11	6249106.74	4.26	10	Compliant
27/08/2020	10:38 AM	16	330596.87	6249076.59	5.9	10	Compliant
27/08/2020	11:38 AM	1	330598.62	6249069.05	2.5	10	Compliant
27/08/2020	11:38 AM	2	330590.02	6249041.95	2.4	10	Compliant
27/08/2020	11:38 AM	3	330597.95	6249092.29	9.3	10	Compliant
27/08/2020	11:38 AM	4	330613.69	6249099.32	6	10	Compliant
27/08/2020	11:38 AM	5	330569.90	6249103.47	5	10	Compliant
27/08/2020	11:38 AM	6	330640.45	6249089.47	2.3	10	Compliant
27/08/2020	11:38 AM	7	330521.47	6249090.80	3.1	10	Compliant
27/08/2020	11:38 AM	8	330629.04	6248988.15	0.5	10	Compliant
27/08/2020	11:38 AM	9	330698.67	6249179.19	0.9	10	Compliant
27/08/2020	11:38 AM	10	330702.37	6249242.08	0.6	10	Compliant
27/08/2020	11:38 AM	11	330584.79	6249209.66	0.8	10	Compliant
27/08/2020	11:38 AM	12	330416.38	6249205.45	0.065	10	Compliant
27/08/2020	11:38 AM	13	330504.96	6249218.22	0.13	10	Compliant
27/08/2020	11:38 AM	14	330628.46	6249130.80	1.58	10	Compliant
27/08/2020	11:38 AM	15	330633.11	6249106.74	3.83	10	Compliant
27/08/2020	11:38 AM	16	330596.87	6249076.59	6	10	Compliant

Controlled Trial Blast

Monitoring Locations

Legend

 Vibration Monitor

