NOISE Monitoring Data - Monthly Summary

Month	**Dec-18**		
EPL Licence	**20960**	**Project**	**Clarence Correctional Centre**
EPL weblink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=119193&SYSUID=1&LICID=20960		
Specific EPL licence monitoring conditions for noise	**Condition L4 - Noise limits**		

Monitoring location	Number of times monitored during the month	Attended or continuous monitoring	Event based monitoring (Y/N)	Parameter eg. Laq (15min)	min value dB(A) for month	max value dB(A) for month	goals / targets dB(A)	Comment
R1 -LOT1173 DP 739102 - 493 Avenue Rd Lavadia NSW 2462	2	Attended	N	Laeq 15min	41	48.9	58	Standard construction hours noise monitoring: Civil works, in-ground services, batch plant, vertical panel install, precast yard activities AND Pacific Complete works
R3 - LOT1172 DP 739102 - 505 Avenue Rd Lavadia NSW 2462	2	Attended	N	Laq 15min	40.5	50	58	Standard construction hours noise monitoring: Civil works, in-ground services, batch plant, vertical panel install, precast yard activities AND Pacific Complete works
Southern site boundary in line with - R2 - LOT 5 DP 793765 - 37 Old Six Mile Lane Glenugie NSW 2460	3	Attended	N	Laq 15min	39.7	45.4	58	Standard construction hours noise monitoring: Civil works, in-ground services, batch plant, vertical panel install, precast yard activities AND Pacific Complete works

WATER Monitoring Data - Monthly Summary								
Month	**Dec-18**							
EPL Licence	**20960**			**Project**	**Clarence Correctional Facility**			
EPL weblink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=119193&SYSUID=1&LICID=20960							
Specific EPL licence monitoring conditions for water	**Condition L2 - Concentration Limits** **Condition M2 - Requirement to monitor concentration of pollutants discharged**							
Monitoring location	**Number of times monitored during the month**	**Event based monitoring (Y/N)**	**Parameter measured**	**Units of measurement (mg/L, NTU, pH)**	**Minimum value for month**	**Maximum value for month**	**Allowable minimum limit**	**Allowable maximum limit**
Sedment Basin 2	2	Y	pH	pH	7.94	8.4	6.5	8.5
	2	Y	Total Suspended Solids	mg/L	42	46	NA	50
	2	Y	Turbidity	NTU	33.4	48	NA	67
	2	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
Sedment Basin 3	2	Y	pH	pH	8.03	8.47	6.5	8.5
	2	Y	Total Suspended Solids	mg/L	46	49	NA	50
	2	Y	Turbidity	NTU	50.7	61	NA	67
	2	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
WWTP West Cell	1	Y	pH	pH	8.09	8.09	6.5	8.5
	1	Y	Total Suspended Solids	mg/L	40	40	NA	50
	1	Y	Turbidity	NTU	24.3	24.3	NA	67
	1	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N

Comments: NTU (turbidity), pH & visible signs of oil and grease continually monitored during discharge. TSS measurements extrapolated from approved TSS/NTU correlation spreadsheet.

VIBRATION Monitoring Data - Monthly Summary			
Month	Dec-18		
EPL Licence	20544	Project	Clarence Correctional Centre
EPL weblink			
Specific EPL licence monitoring conditions for vibration	Condition M6.5 - Complaints Condition M7.1 - Other Monitoring Conditions		

monitoring location	number of times monitored during the month	event based monitoring (Y/N)	Parameter eg. Peak particle velocity PPV, Airblast overpressure	units of measurement (mm/s, dBL)	minimum value for month	maximum value for month	allowable maximum limit	Percentile limit* (eg. 90th%ile)	percentile reporting period (1 year, 1 month, etc)

*Percentile (in relation to a concentration limit of a sample): Means that percentage (e.g. 50%) of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time.

AIR Monitoring Data - Monthly Summary			
Month	**Dec-18**		
EPL Licence	**20960**	**Project**	**Clarence Correctional Centre**
EPL weblink	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=119193&SYSUID=1&LICID=20960		
Specific EPL licence monitoring conditions for Air			

monitoring location	number of times monitored during the month	event based monitoring (Y/N)	Parameter eg. PM 10 (Particle matter < 0.01mm) or TSP (total suspended pariticles)	units of measurement (g/m2/month)	minimum value for month	maximum value for month	allowable maximum limit	Percentile limit* (eg. 90th%ile)	percentile reporting period (1 year, 1 month, etc)
Southern boundary (NGDS01)	1	N	Total Suspended Solids	g/m2/month	TBA	TBA	4	No EPL require	No EPL requirement.
			Total soilds	g/m2/month	TBA	TBA	No EPL requirement.	No EPL require	No EPL requirement.
Northern boundary (NGDN01)	1	N	Total Suspended Solids	g/m2/month	TBA	TBA	4	No EPL require	No EPL requirement.
			Total soilds	g/m2/month	TBA	TBA	No EPL requirement.	No EPL require	No EPL requirement.

*Percentile (in relation to a concentration limit of a sample): Means that percentage (e.g. 50%) of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time.

CORRECTION LOG			
EPL Licence		Project	
EPL weblink			

sample time (X.00am)	sample date (XX/XX/12)	monitoring location	type of monitoring (Noise, Water, Air, Vibration)	event based monitoring (Y/N) eg. Blast, water discharge,	Parameter eg. TSS, Airblast overpressure, LAEq(15min)	units of measurement (mg/L, dBL, dBA)	original result	corrected result	date corrected	reasons

EXCEEDANCES			
EPL Licence		Project	
EPL weblink			

sample time (X.00am)	sample date (XX/XX/XX)	monitoring location	type of monitoring (Noise, Water, Air, Vibration)	event based monitoring (Y/N) eg. Blast, water discharge, etc	Parameter eg. TSS, Airblast overpressure	units of measurement (mg/L, dBL)	result	allowable limit	commentry