NOISE Monitoring Data - Monthly Summary			
Month	**Sep-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	Laq 15min	44.7	47.2	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	2	Attended	N	Laq 15min	44.2	44.3	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	41.7	43.9	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	2	Attended	Y	Laq 15min	50.7	50.9	41	OOHW noise monitoring for early batch plant operation ~6:30am. Recorded noise not attributable to batch plant works. Noise modelling indicates these activities do not exceed limit @ nearby receiver. Large amount of background noise due traffic on Avenue Road and Six Mile Lane, birds and batch plant operation on adjacent project. Monitoring location adjacent to Pacific Highway upgrade works - Seymour Whyte offices and prestart location.

WATER Monitoring Data - Monthly Summary								
Month	**Sep-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** **M2 - Requirement to monitor concentration of pollutants discharged**							**Condition**
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 1	1	Y	pH	pH	7.97	7.97	6.5	8.5
	1	Y	Total Suspended Solids	mg/L	47	47	0	50
	1	Y	Turbidity	NTU	50.5	50.5		
	1	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
Sedment Basin 2	2	Y	pH	pH	7.23	8.41	6.5	8.5
	2	Y	Total Suspended Solids	mg/L	44	44	NA	50
	2	Y	Turbidity	NTU	39.5	40.6	NA	67
	2	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
Sedment Basin 3	2	Y	pH	pH	7.53	7.99	6.5	8.5
	2	Y	Total Suspended Solids	mg/L	39	47	NA	50
	2	Y	Turbidity	NTU	21.1	50.9	NA	67
	2	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
Sedment Basin 4	1	Y	pH	pH	8.43	8.43	6.5	8.5
	1	Y	Total Suspended Solids	mg/L	44	44	NA	50
	1	Y	Turbidity	NTU	38.6	38.6	NA	67
	1	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N
Sedment Basin 5	1	Y	pH	pH	7.87	7.87	6.5	8.5
	1	Y	Total Suspended Solids	mg/L	44	44	NA	50
	1	Y	Turbidity	NTU	40.6	40.6	NA	67
	1	Y	Oil grease	Visible signs (Y/N)	N	N	NA	N

Comments: 2 rainfall events requiring licensed basin discharge during September. After first rain event water from all western basins (3,4 &5) was pumped to WWTP for water storage for cosntruction use. Only the Eastern basins (2 &3) were discharged offsite after both rainfall events. NTU (turbidity) and pH continually monitored during discharge. TSS measurements extrapolated from approved TSS/NTU correlation spreadsheet. Monitoring for visible signs of oil and grease during discharge.

VIBRATION Monitoring Data - Monthly Summary			
Month	Sep-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	**September**		
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