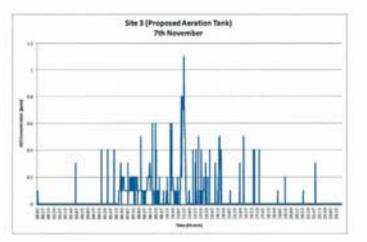
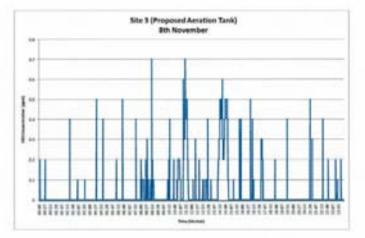
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A.3 Aeration Tank No.3

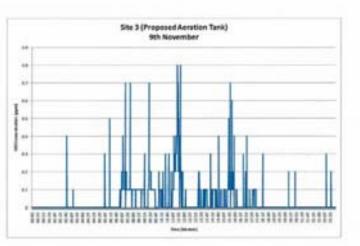


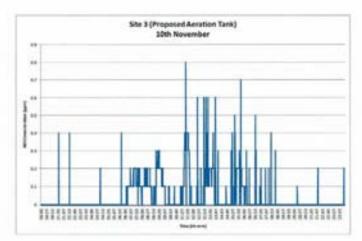


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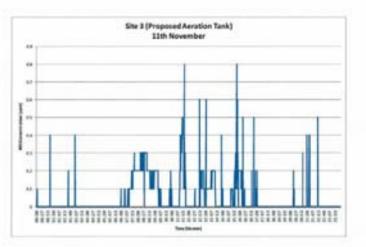


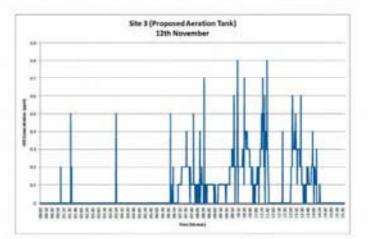


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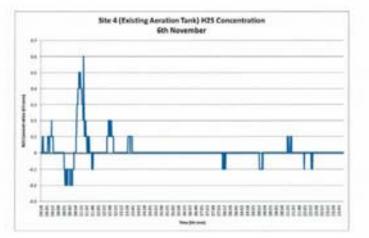


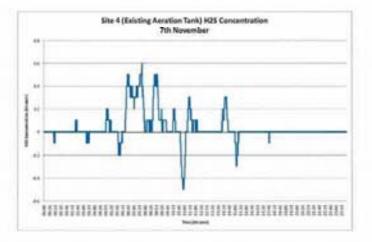
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A.4 Aeration Tank No. 1

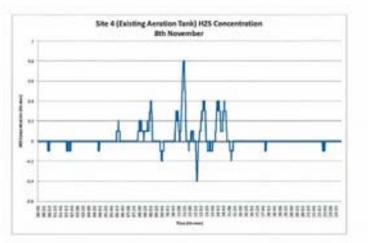


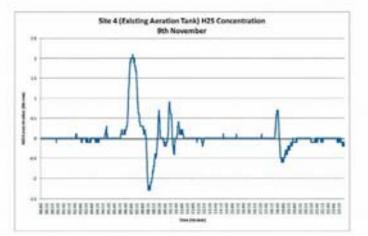


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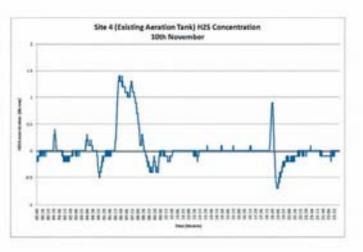


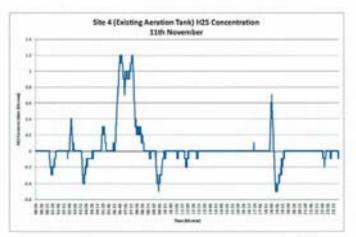


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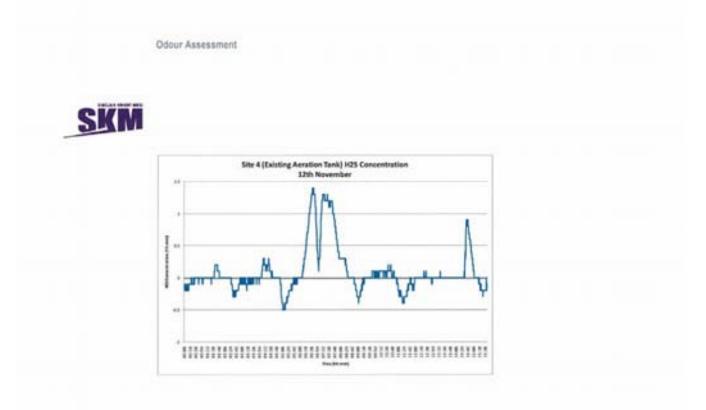
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Appendix B SEMA Odour Measurement Report

B.1 Olfactometry Report

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			So	Source			1000	2	
Compound	Sludge	Sludge Lagoon	Siudge D	Sludge Dewatering	Dry wea	Dry weather Pond	(DEC 2005)	Period	Comment
	bpm	mg/m3	mdd	Emigm3	bpm	Cmigm	former and		
Hydrogen Sulphide	0.012	0.0168	0.003	0.0042	0003	0.0042	0.00138	1 hour	For urban arreas
Carbonyl Sulphide	0.014	0.0345	0.003	0.0074	0000	0.0148	1		
Supher Diceáte	0.002	0.00526	0.003	0.00789	0000	0.0158	0.712	10 minutes	
							0.57	1 hoar	
							0.226	24 hours	
							0.06	Anual	
Methyl mercaptan	40,0002	< 0.000355	<0.0012	<0.000066	<0.0002	< 0.000355	0.00046	thour	
ethyl mercaptan	0.002	0.0051	0.005	0.0153	≤0.0006	< 0.00153		Ð	
Dimethyl Selphide	0.004	0.0102	<0.0013	< 0.000765	<0.0003	< 0.000765	4		
Dimethyl disuphide	0000	0.0348	0.005	0.0192	0.005	0.0193		•	
carbon disulphide	<0.0003	< 0.000638	<0.0003	<0.000056	<0.0003	< 0.000938	0.07	1 hour	
i-propyl mercaptan	40,0007	< 0.00219	<0.0007	< 0.00219	<0.0007	< 0.00219	20	÷	
n-propyl mencaptian	40005	< 0.00158	<0.0035	< 0.00156	<0.0005	< 0.00156	2	×	
aliyi mercaptan	40000	< 0.000004	A0.001	< 0.000004	<0.0001	< 0.000304		•	
thiophene	400001	< 0.000345	40.001	< 0.000345	40.0001	< 0.000345			
1-methythiophene	40000	< 0.000402	40'00'0>	< 0.000402	<0.0001	< 0.000402	3		
2-methylthiophene	40,0001	< 0.000402	1000/0>	< 0.000402	<0.0001	< 0.000402			
acetaldehyde	40000 (b	< 0.00163	e00000>	< 0.00163	<0.0009	< 0.00163	0.042	1 hour	
2-propenal	40.0004	< 0.000921	×000%	< 0.000921	40:004	< 0.000621		×	

10 Weiter Strategie and Strategies an

			20	Source			- The second sec	Contraction of the	
Compound	Sludge	Sludge Lagoon	Sludge D	Sludge Dewatering	Dry wea	Dry weather Pond	(DEC 2005)	Period	Comment
	mqq	mg/m3	udd	Emigm	bpm	mg/m3			
proparal	400010>	< 0.00064	40000	< 0.00064	<0.0004	< 0.00054			
2-methylpropanal	<0.0004	< 0.00118	+0.000A	< 0.00118	<0.0004	< 0.00118		4	
2-methyl-properal	<0.0002	< 0.000576	-0,0002	< 0.000576	<0.0002	< 0.000576		Ŧ	
butanal	40.001	+ 0,00296	40,001	< 0.00296	<0.001	< 0.00296	75	4	
3-methy/butanal	<0.0003	<0.00106	40.000	<0.00106	<0.0003	<0.00106	8	•	
acetone	0.0163	0.0369	0.0077	0.0184	0.0125	0.0305	22	1 hoar	
2,3-tutanedione	0.001	0.00353	0.002	0.00707	0.000	004010		•	
methylathylastene	<0.0003	< 0.000888	<0.0003	< 0.000888	<0.0003	< 0.000388	32	1 hour	
methylisobutyliketone	<0.0000	< 0.00123	40,000	< 0.00123	<0.0003	< 0.00123	0.23	1 hoar	
offy/acetate	0.054	0.195	0.01	0.0062	0.01	0.0362	12.1	1 hour	
methand	<0.0008	< 0.00105	<0.0008	< 0.00105	<0.0008	< 0.00105	8	1 hour	
ethanol	+01000+	< 0.000169	<0.0001	< 0.000189	+0.0001	< 0.000189	21	1 hour	
i-propanol	0.0102	0.0252	0.0065	0.016	0.0114	0.0281	3		
propanol	<0.000M	< 0.00200	<0.00084	< 0.00207	-0.00084	< 0.00207	0.041	1 hour	(in-propand)
2-butand	<0.0005	< 0.00152	<0.0005	< 0.00152	<0.0005	< 0.00152			
Hutarol	<0.000	< 0.000913	<0.0003	< 0.000913	<0.0001>	< 0.000913	0.5	1 hour	for n-butano!
butanci	<0.0000	< 0.00267	<0.00068	< 0.00267	-0.00088	< 0.00067			
2-methybutane	<0.0002	< 0.000592	<0.0002	< 0.000592	<0.0002	< 0.000592			
pentane	<0.0002	< 0.000592	<0.0002	< 0.000592	<0.0002	< 0.000592		4	
2-mothybentane	<0.0001	< 0.000354	+00001>	< 0.000354	40.0001	< 0.000354	3	:	

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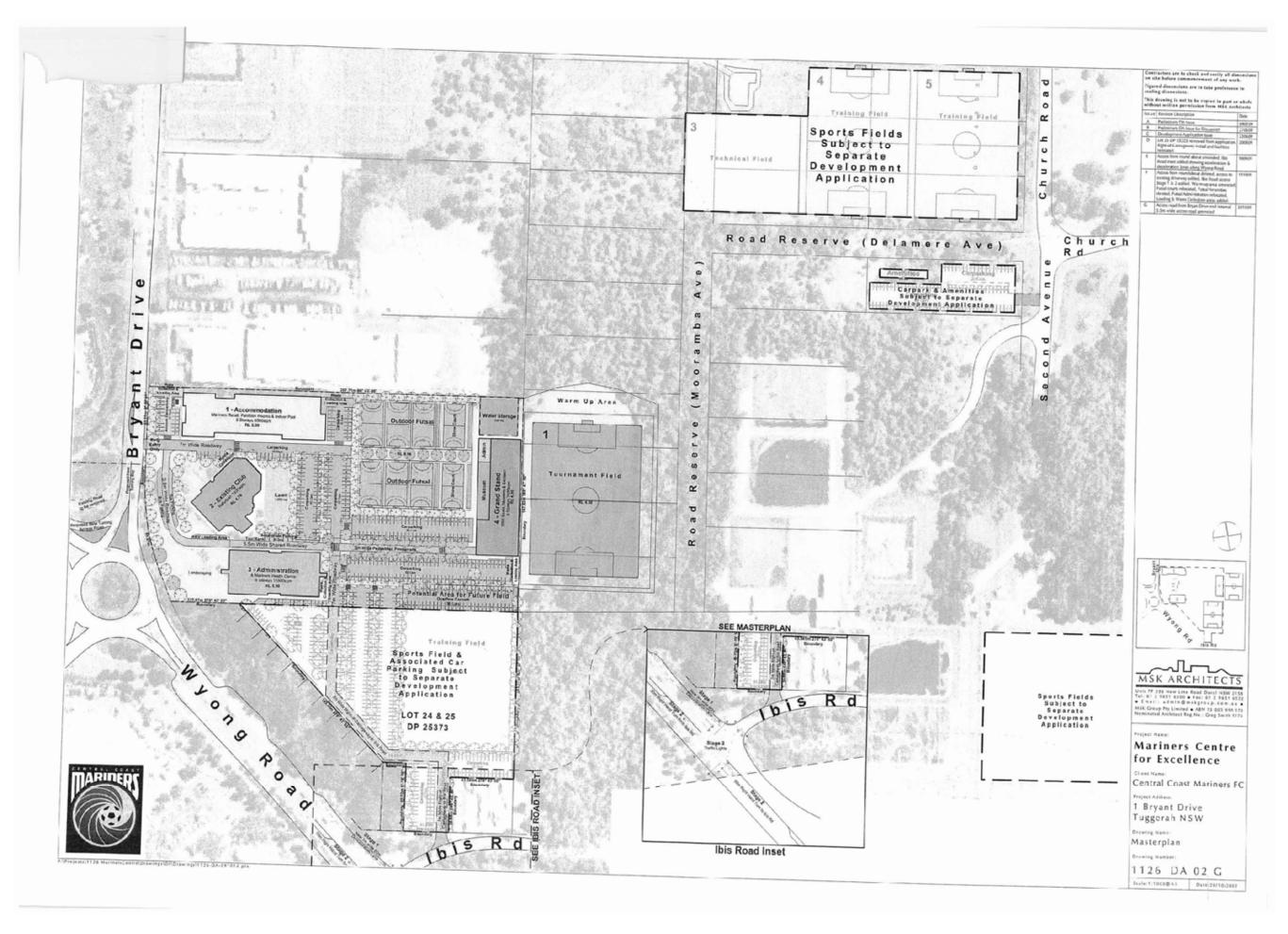
			Sot	Source		21			
Compound	Studge	Studge Lagoon	Studge D	Studge Dewatering	Dry wea	Dry weather Pond	(DEC 2005)	Averaging	Comment
	mqq	[mg/m]	mqq	Emigm3	bpm	Em/gm	frank small		
3-methylpentane	40.002	< 0.000708	,0.0002	< 0.000706	<0.0002	< 0.000708			
herane	0001	0.00354	10010	0.00354	0001	0.00354	•	•	
methyloydopentane	40.0002	< 0.000691	<0.0002	+000000>	<0.0002	< 0.000691		,	
cyclohexane	40.0002	<0.00069	-0.0022	< 0.00069	<0.0002	< 0.00069	0.26	0.07	
3-metry/becane	0.0004	0.00165	<0.0001	< 0.000411	00000	0.00206		٠	
heptane	0.0056	0.023	0.0005	002000	0001	1110010		×	
methyloydchexane	40003	< 0.00121	<0.0003	< 0.00121	<0.0003	< 0.00121		•	
octane	40.002	80500010 >	<0.0022	<0.00038	40,0002	< 0.000538			
ncnane	40002	<0.00105	<0.0012	< 0.00105	€,0002	< 0.00105			
decane	40.002	< 0.00117	<0.0012	< 0.00117	40.0002	<0.00117	32		
undecane	40,0002	< 0.00128	<0.0022	< 0.00128	<0.0002	< 0.00128			
alpha pinene	0.0002	0.00112	-0,001	<0.000669	0.0007	0.00362	-	•	
Imonene	40002	< 0.00112	<0.0022	< 0.00112	40.0002	< 0.00112	•	•	
Berzene	0.0024	0.0077	0.00201	0.00844	0.00229	0.00734	0.029	1 hour	
Toluene	0.04691	0.177	0.01239	0.0409	0.01635	0.0619	0.36	1 hour	
Ethyl Bercene	0.00225	0.0361	0.00145	0,00523	0.00228	100004	**	1 hour	
mp-Xylenes	0:00010	0.0268	0.03425	9/1/20	0.00527	0.0229	0.00		the addresses
c-Xylene	0.004	0.0174	0.00216	0.0054	0.00327	0.0142	A 11	noui	No al Include
avauts	0.00016	0.0136	0.00222	0.00349	0.00968	0.0414	0.12	1 hour	
1.3.5-trimethylberoene	0.00631	0.0311	0.00237	0.0117	0.00761	0.0376	22	1 hour	for all isomers

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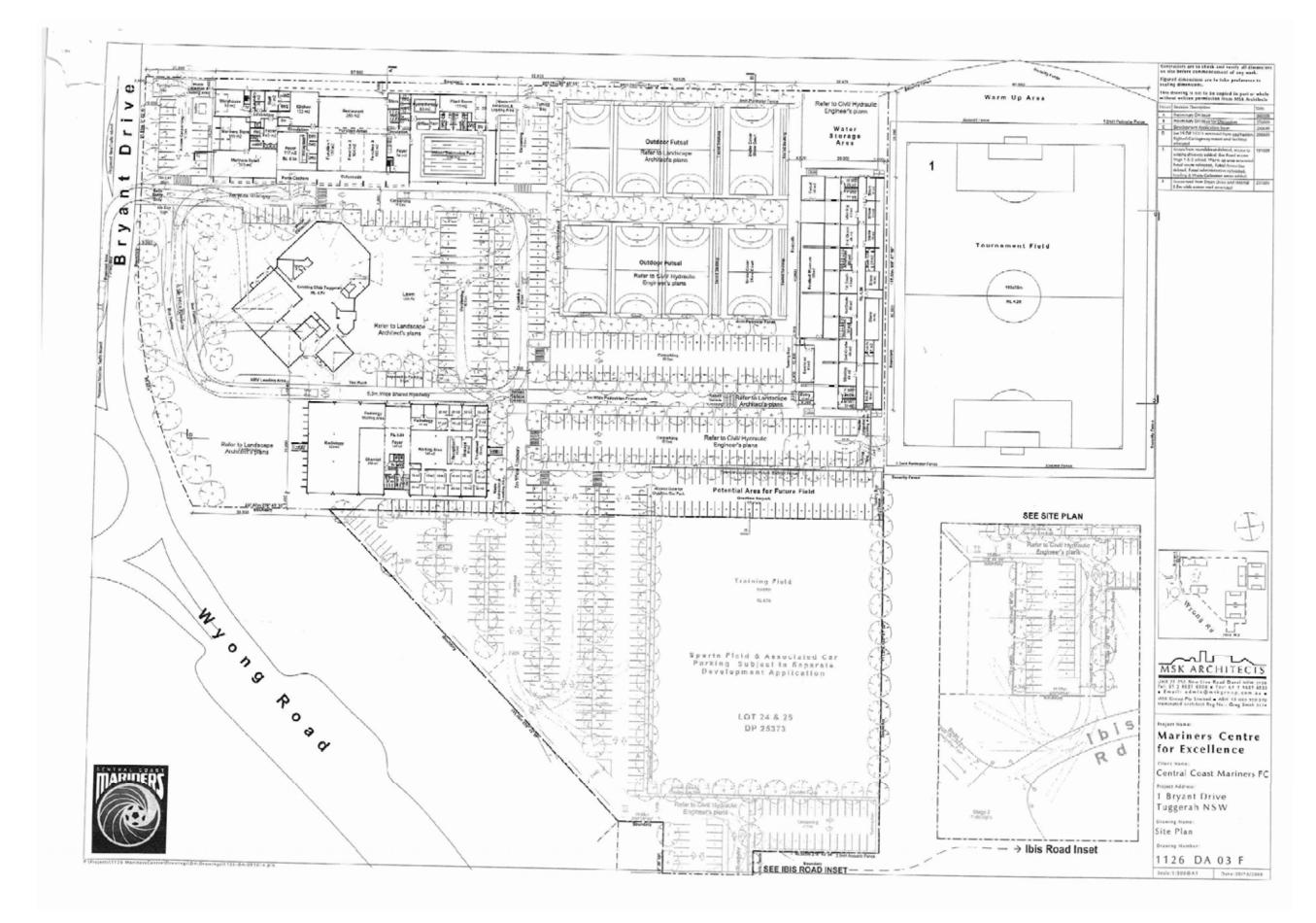
			Sou	Source					
Compound	Studge	Studge Lagoon	Sludge D	Sludge Dewatering	Dry weat	Dry weather Pond	Criteria	Period	Comment
	mdd	Cmi gm	bpm	Emigm	udd	Emigm3	Inner and		
1,2,3-trime@s/tenzone	0.00776	0.0383	0.00315	0.0155	0.00848	0.0418			
dichloromethane	0.00028	0.000976	0.00033	0.00115	0.00029	0.00101	3.19	1 hour	
chloroform	0.00033	0.00162	0.00012	0.000668	0.00011	0.000539	60	1 hour	
carbonietrachioride	<0.0011	< 0.000695	<0.00011	< 0.000095	40,00011	< 0.000695	0.012	1 hour	
trichloroethylene	0.0008	0.000432	0.00007	0.000378	0.00078	0.00421	0.5	1 hour	
Intrachloroethy/inne	0.0001	0.000682	0.0005	0.000341	0.00015	0.00102	3.5	1 hour	
1,4-dichicrobenzane	0.00047	0.00254	0.00019	0.00115	0.00023	0.00139		4	
bromodichioromethane	40,0006	< 0.000335	<0.00005	< 0.000335	-0,00005	< 0.000335		4	
disremochioromethane	40/0000	< 0.000427	<0.0006	< 0.000427	<000000>	< 0.000427		•	
trondom	-0.0006	< 0.000519	<0.0005	< 0.000519	<00000≥	< 0.000519	60.0	1 hour	
Phend	<0.0003	< 0.00116	<0.0003	< 0.00116	<0.0003	< 0.00116	0.02	1 hour	
1,1-dimethyl bencylalcohol	0.0125	0.0698	<0.0002	< 0.00112	<0.0002	< 0.00112		•	
benzothiazola	0.0161	0.0892	0.0005	0.00333	<0.0001	< 0.000554	192	-	
letramotry/thiourea	0.02	0.108	<0.0002	< 0.00108	<0.0002	< 0.00106	100	÷	
methyl-chlorophenol	0.0167	0.0974	<0.0001	< 0.000583	<0.0001	< 0.000583	202	\$	
softiocyanato-cyclohexane	0.0581	0.336	10000	2610.0	0.006	0.0347	2.05		
t-butyphenol	0.0051	0.0314	<0.0002	< 0.00123	<0.0002	< 0.00123		•	
methylcarbonimidothioic acid (dimethyl ester)	0.0253	0.14	<0.000B	<0.00443	400000	< 0.00443		a.	

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Development Plans



Development Plans