

Penryhn Estuary Monthly Monitoring Analytical Results

Sample ID		SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Carbon Tetrachloride	mg/L	0.124	0.074	0.01	<0.001	0.029	0.229	0.396	0.143	0.008	0.001	0.004	<0.001	0.002	<0.001	0	<0.001	0.028	0.079	0.007
Chloroform	mg/L	0.358	0.184	0.072	0.011	0.05	0.383	0.664	0.299	0.055	0.014	0.033	<0.001	0.011	0.002	0	0.038	0.012	0.206	0.059
Methylene chloride	mg/L	0.05	<0.025	<0.05	<0.005	<0.025	0.014	<0.1	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	<0.025	<0.006	<0.005	<0.005
Chloromethane	mg/L	<0.05	<0.05	<0.1	<0.01	<0.05	<0.010	<0.2	<0.05	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	0	<0.05	<0.010	<0.050	<0.050
Total Chlorinated Methanes	mg/L	0.532	0.258	0.082	0.011	0.079	0.626	1.06	0.442	0.063	0.015	0.037	0	0.013	0.002	0	0.038	0.04	0.285	0.066

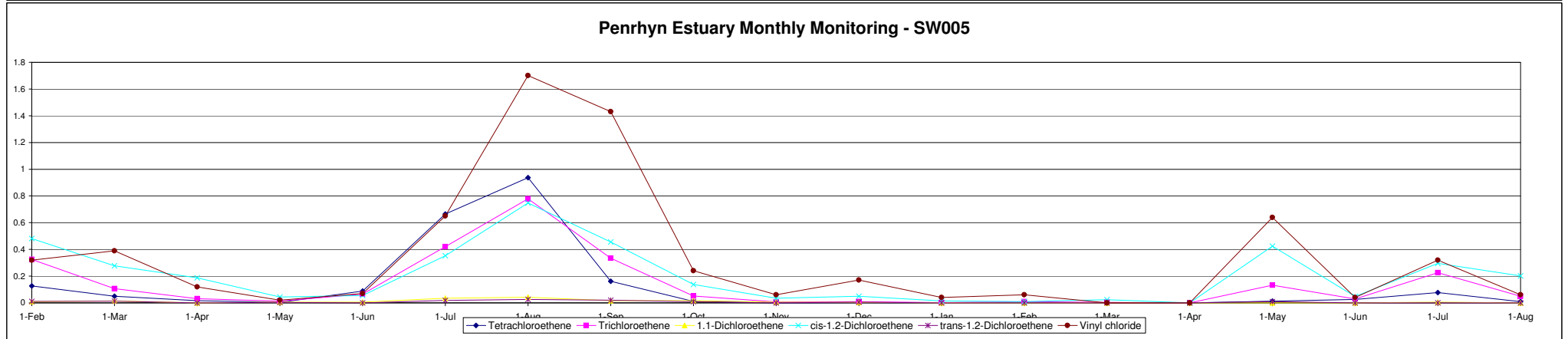
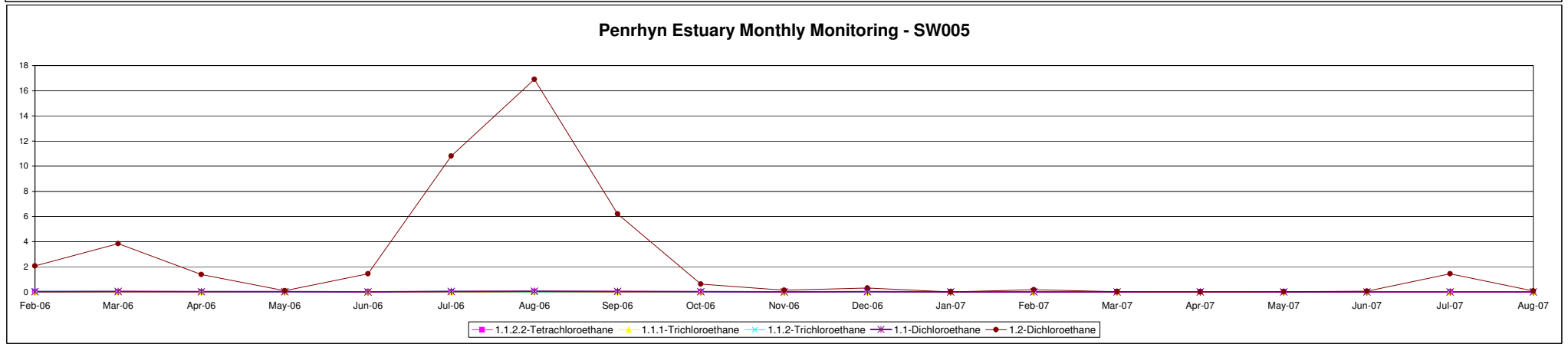
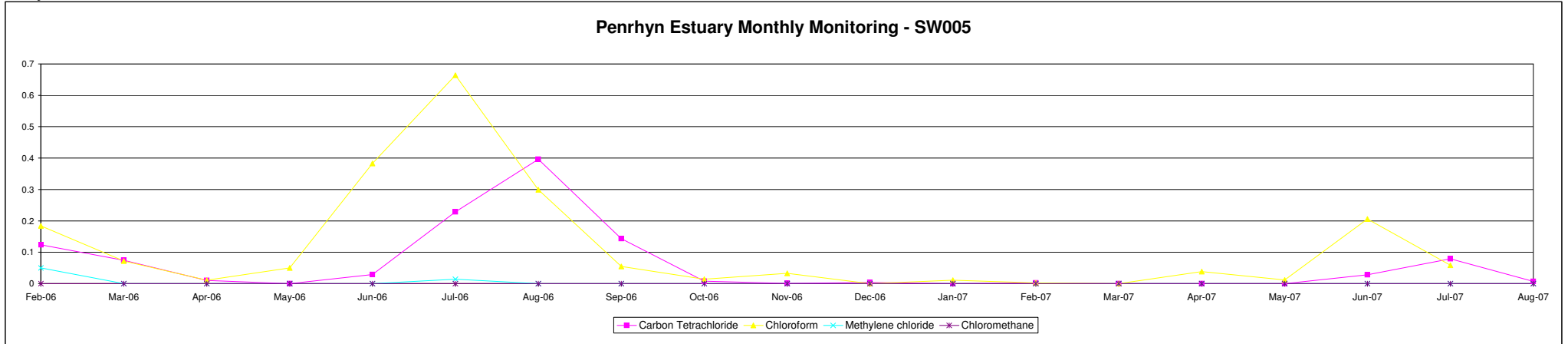
Sample ID		SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Pentachloroethane	mg/L	<0.005	<0.005	<0.01	<0.001	<0.005	<0.001	<0.02	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<0.005	<0.001	<0.005	<0.005
1.1.1.2-Tetrachloroethane	mg/L	<0.005	<0.005	<0.01	<0.001	<0.005	<0.001	<0.02	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<0.005	<0.001	<0.005	<0.005
1.1.2.2-Tetrachloroethane	mg/L	0.03	0.014	<0.01	<0.001	<0.005	0.017	0.032	0.014	0.003	<0.001	<0.001	<0.001	<0.001	0.002	0	<0.005	<0.001	<0.005	<0.005
1.1.1-1-Trichloroethane	mg/L	0.007	<0.005	<0.01	<0.001	<0.005	<0.001	<0.02	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<0.005	<0.001	<0.005	<0.005
1.1.2-Trichloroethane	mg/L	0.053	0.036	0.016	<0.001	0.008	0.053	<0.02	0.037	0.006	0.002	0.004	<0.001	<0.001	0.001	0	<0.005	<0.001	0.015	0.006
1.1-Dichloroethane	mg/L	0.024	0.037	0.026	0.01	<0.005	0.034	0.052	0.03	0.016	0.006	0.012	0.005	<0.001	0.001	0	<0.005	<0.001	0.005	<0.005
1.2-Dichloroethane	mg/L	2.07	3.84	1.38	0.094	1.44	10.8	16.9	6.2	0.63	0.134	0.304	0.006	0.174	0.017	0	0.023	0.05	1.45	0.082
Chloroethane	mg/L	<0.05	<0.05	<0.1	<0.01	<0.05	<0.01	<0.2	<0.05	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	0	<0.05	<0.010	<0.050	<0.050
Total Chlorinated Ethanes	mg/L	2.184	3.927	1.422	0.104	1.448	10.904	16.984	6.281	0.655	0.142	0.32	0.011	0.174	0.021	0	0.023	0.05	1.47	0.088

Sample ID		SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	SW005	
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tetrachloroethene	mg/L	0.126	0.05	0.016	0.004	0.088	0.665	0.936	0.161	0.011	<0.001	0.001	<0.001	0.004	<0.001	0	0.012	0.026	0.078	0.009
Trichloroethene	mg/L	0.326	0.107	0.031	0.012	0.067	0.42	0.778	0.334	0.052	0.008	0.01	0.002	0.01	0.004	0	0.132	0.03	0.226	0.049
1.1-Dichloroethene	mg/L	0.01	0.014	<0.01	0.006	0.005	0.034	0.042	0.017	0.016	0.006	0.003	<0.001	<0.001	<0.001	0	<0.005	<0.001	0.005	<0.005
cis-1.2-Dichloroethene	mg/L	0.482	0.277	0.188	0.044	0.056	0.353	0.748	0.455	0.138	0.035	0.049	0.014	0.01	0.023	0	0.424	0.047	0.295	0.202
trans-1.2-Dichloroethene	mg/L	0.011	0.012	<0.01	0.003	<0.005	0.019	0.026	0.02	0.01	<0.001	0.006	<0.001	<0.001	<0.001	0	0.009	<0.001	<0.005	<0.005
Vinyl chloride	mg/L	0.32	0.39	0.12	0.02	0.07	0.65	1.7	1.43	0.24	0.06	0.17	0.04	0.06	<0.01	0	0.64	0.04	0.32	0.06
Total Chlorinated Ethenes	mg/L	1.275	0.85	0.355	0.089	0.286	2.141	4.23	8.698	0.467	0.109	0.239	0.056	0.084	0.027	0	1.217	0.143	0.924	0.32
Hexachlorobutadiene	mg/L	<0.005	<0.005	<0.010	<0.001	<0.005	0.003	<0.02	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<0.005	<0.001	<0.005	<0.005
TOTAL VOLATILE CHCs	mg/L	3.991	5.035	1.859	0.204	1.813	13.671	22.274	15.421	1.185	0.266	0.596	0.067	0.271	0.05	0	1.278	0.233	2.679	0.474

Exceeds ANZECC 95% Trigger for Marine Waters

Surface water samples not collected on this date due to location being dry

Penrhyn Estuary Monthly Monitoring Analytical Results



*N.B. Please note that a discussion of the data will be provided every three months in the quarterly progress report.

Penryhn Estuary Monthly Monitoring Analytical Results

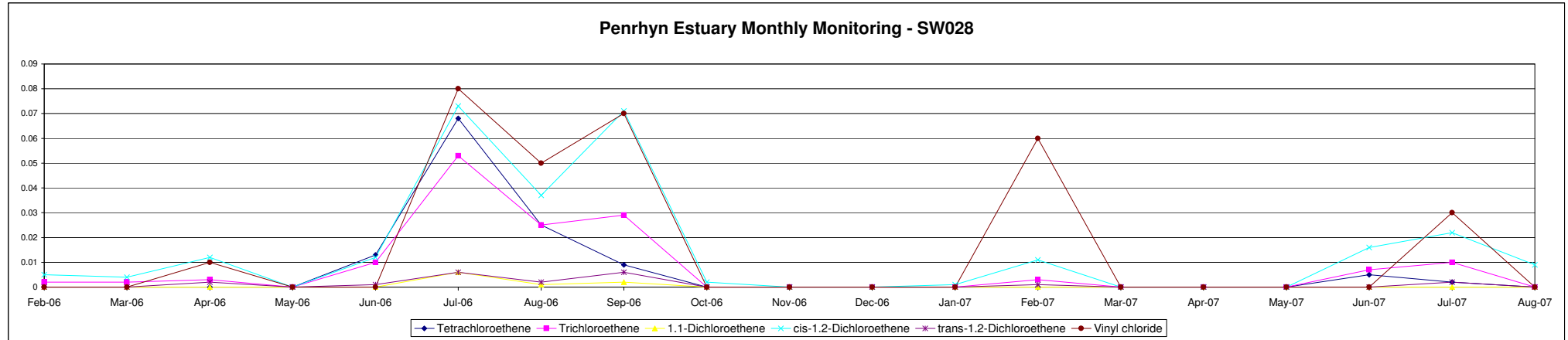
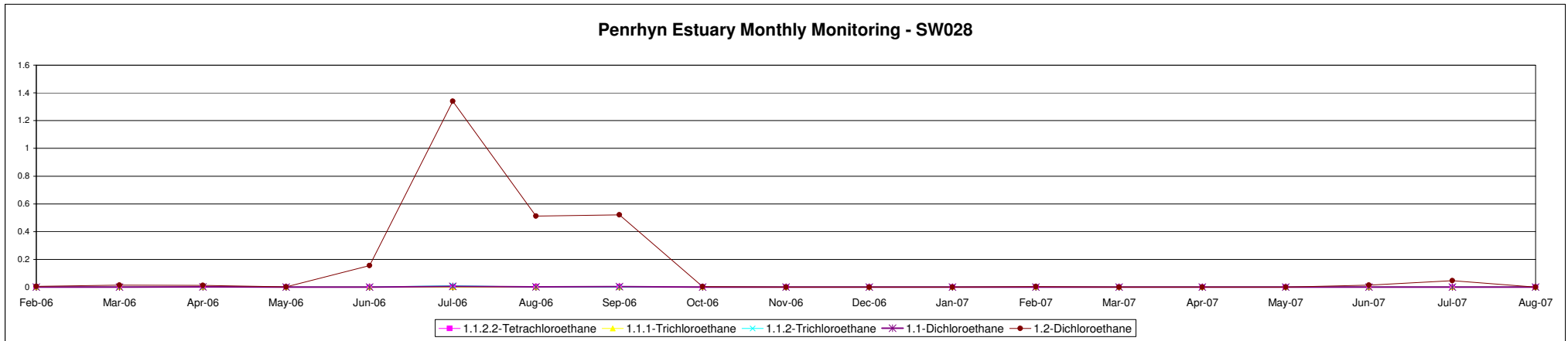
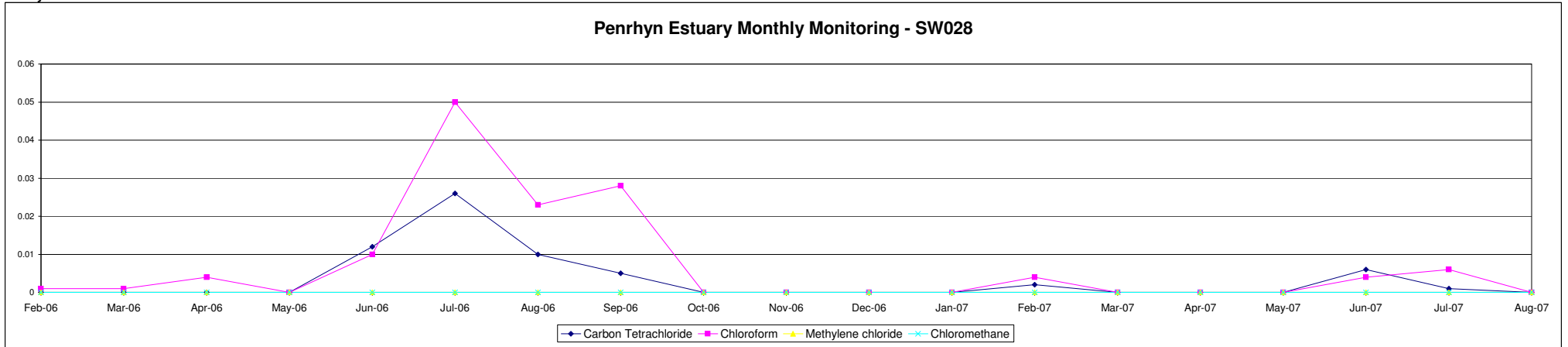
Sample ID	Date	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Carbon Tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	0.012	0.026	0.01	0.005	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	0.006	0.001	<0.005
Chloroform	mg/L	0.001	0.001	0.004	<0.001	0.01	0.05	0.023	0.028	<0.001	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	0.004	0.006	<0.005
Methylene chloride	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Chloromethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Methanes	mg/L	0.001	0.001	0.004	0	0.022	0.076	0.033	0.033	0	0	0	0	0.006	0	0	0	0.01	0.007	0

Sample ID	Date	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Pentachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.1.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	0.002	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1-Dichloroethane	mg/L	<0.001	<0.001	0.001	<0.001	<0.001	0.006	0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.2-Dichloroethane	mg/L	0.005	0.014	0.013	0.001	0.156	1.34	0.512	0.521	0.003	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	0.014	0.047	<0.005
Chloroethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.0010	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Ethanes	mg/L	0.005	0.014	0.014	0.001	0.156	1.36	0.516	0.528	0.003	0	0	0	0.004	0	0	0	0.014	0.047	0

Sample ID	Date	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028	SW028
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	0.013	0.068	0.025	0.009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.005	0.002	<0.005
Trichloroethene	mg/L	0.002	0.002	0.003	<0.001	0.01	0.053	0.025	0.029	<0.001	<0.001	<0.001	<0.001	0.003	<0.001	<0.001	<0.001	0.007	0.01	<0.005
1.1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.006	0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
cis-1.2-Dichloroethene	mg/L	0.005	0.004	0.012	<0.001	0.012	0.073	0.037	0.071	0.002	<0.001	<0.001	0.001	0.011	<0.001	<0.001	<0.001	0.016	0.022	0.009
trans-1.2-Dichloroethene	mg/L	<0.001	<0.001	0.002	<0.001	0.001	0.006	0.002	0.006	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.005
Vinyl chloride	mg/L	<0.01	<0.01	0.01	<0.01	<0.01	0.08	0.05	0.07	<0.01	<0.010	<0.010	<0.0010	0.06	<0.01	<0.010	<0.010	<0.010	0.03	<0.050
Total Chlorinated Ethenes	mg/L	0.007	0.006	0.027	0	0.036	0.286	0.14	0.715	0.002	0	0	0.001	0.075	0	0	0	0.028	0.066	0.009
Hexachlorobutadiene	mg/L	<0.005	<0.005	<0.010	<0.001	<0.005	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
TOTAL VOLATILE CHCs	mg/L	0.013	0.021	0.045	0.001	0.214	1.722	0.689	1.276	0.005	0	0	0.001	0.085	0	0	0	0.052	0.12	0.009

Exceeds ANZECC 95% Trigger for Marine Waters

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Analytical Results**



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Penryhn Estuary Monthly Monitoring Analytical Results

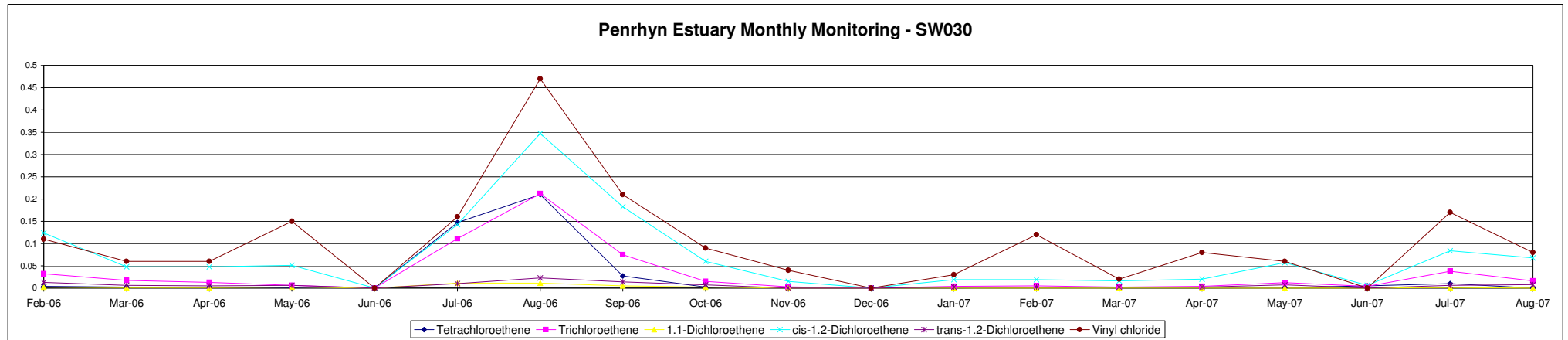
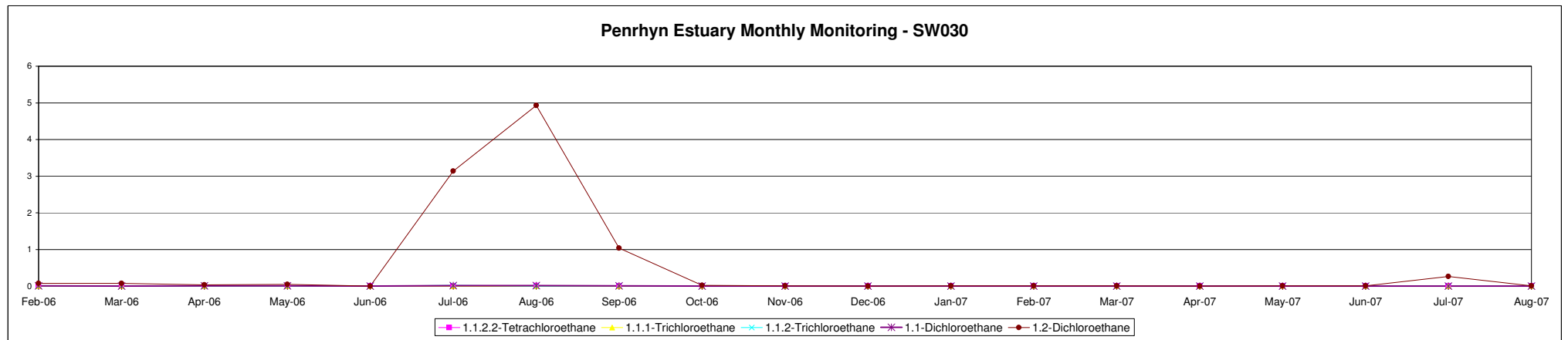
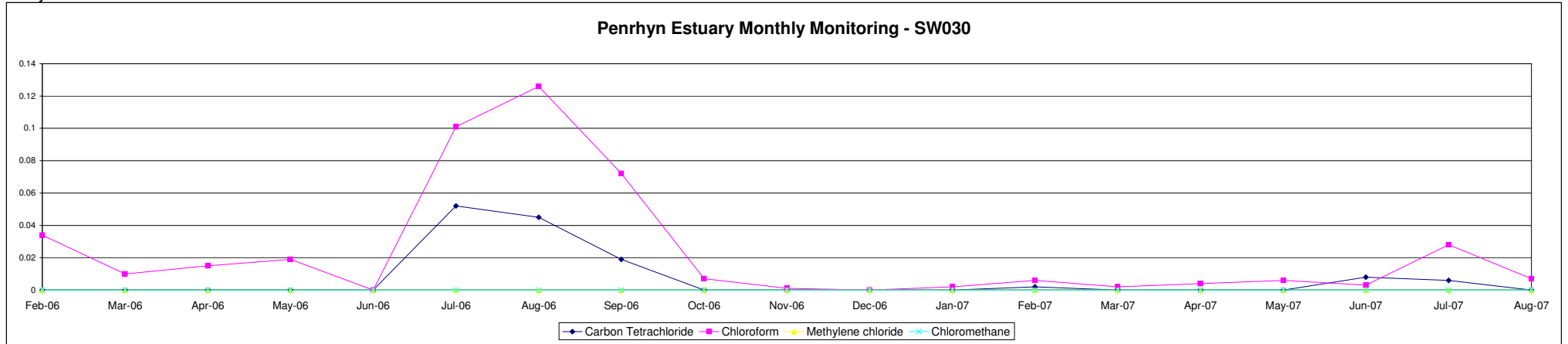
Sample ID	Date	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Carbon Tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.052	0.045	0.019	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	0.008	0.006	<0.005
Chloroform	mg/L	0.034	0.01	0.015	0.019	<0.001	0.101	0.126	0.072	0.007	0.001	<0.001	0.002	0.006	0.002	0.004	0.006	0.003	0.028	0.007
Methylene chloride	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Chloromethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.05	<0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Methanes	mg/L	0.034	0.01	0.015	0.019	<0.01	0.153	0.171	0.091	0.007	0.001	0	0.002	0.008	0.002	0.004	0.006	0.011	0.034	0.007

Sample ID	Date	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Pentachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.1.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2.2-Tetrachloroethane	mg/L	0.006	0.003	0.002	<0.001	<0.001	0.007	0.016	0.007	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	0.002	<0.005
1.1.1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2-Trichloroethane	mg/L	0.006	0.002	<0.001	<0.001	<0.001	0.018	<0.005	0.01	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.005
1.1-Dichloroethane	mg/L	0.007	0.003	0.004	0.005	<0.001	0.011	0.015	0.009	0.002	<0.001	<0.001	0.001	<0.001	<0.001	0.001	0.002	<0.001	0.003	<0.005
1.2-Dichloroethane	mg/L	0.075	0.071	0.036	0.047	<0.001	3.14	4.93	1.04	0.02	0.007	<0.001	0.005	0.009	0.005	0.003	0.005	0.004	0.261	0.006
Chloroethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Ethanes	mg/L	0.094	0.079	0.042	0.052	<0.01	3.176	4.961	1.066	0.024	0.007	0	0.006	0.009	0.005	0.004	0.009	0.004	0.268	0.006

Sample ID	Date	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030	SW030
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tetrachloroethene	mg/L	0.004	0.002	0.002	0.001	<0.001	0.147	0.21	0.027	0.002	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	0.001	0.005	0.01	<0.005
Trichloroethene	mg/L	0.032	0.017	0.013	0.006	<0.001	0.111	0.212	0.075	0.015	0.003	<0.001	0.004	0.005	0.002	0.004	0.012	0.004	0.038	0.016
1.1-Dichloroethene	mg/L	0.002	0.001	0.001	0.002	<0.001	0.011	0.011	0.005	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.005
cis-1.2-Dichloroethene	mg/L	0.124	0.048	0.048	0.051	<0.001	0.143	0.347	0.183	0.06	0.015	<0.001	0.019	0.019	0.016	0.02	0.057	0.006	0.084	0.068
trans-1.2-Dichloroethene	mg/L	0.013	0.006	0.005	0.006	<0.001	0.01	0.023	0.014	0.007	<0.001	<0.001	0.002	0.002	0.002	0.002	0.007	<0.001	0.006	0.008
Vinyl chloride	mg/L	0.11	0.06	0.06	0.150	<0.01	0.16	0.47	0.21	0.09	0.04	<0.01	0.03	0.12	0.02	0.08	0.06	<0.010	0.17	0.08
Total Chlorinated Ethenes	mg/L	0.285	0.134	0.129	0.216	0	0.582	1.273	1.58	0.176	0.058	0	0.055	0.148	0.04	0.106	0.137	0.015	0.309	0.172
Hexachlorobutadiene	mg/L	<0.005	<0.005	<0.010	<0.001	<0.005	0.003	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
TOTAL VOLATILE CHCs	mg/L	0.413	0.223	0.186	0.287	0	3.911	6.487	1.58	0.207	0.066	0	0.063	0.165	0.047	0.114	0.152	0.03	0.611	0.185

Exceeds ANZECC 95% Trigger for Marine Waters

Penrhyn Estuary Monthly Monitoring Analytical Results



*N.B. Please note that a discussion of the data will be provided every three months in the quarterly progress report.

Penryhn Estuary Monthly Monitoring Analytical Results

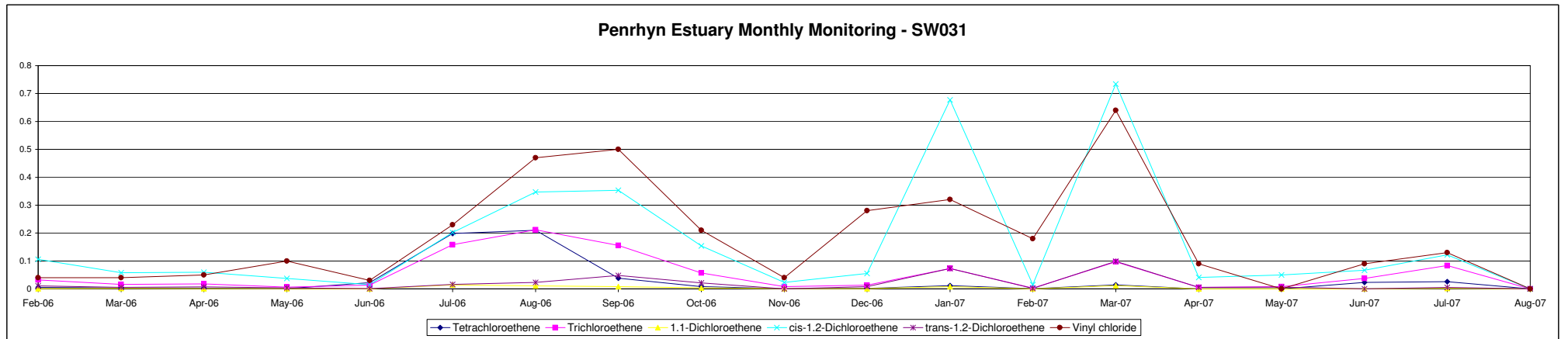
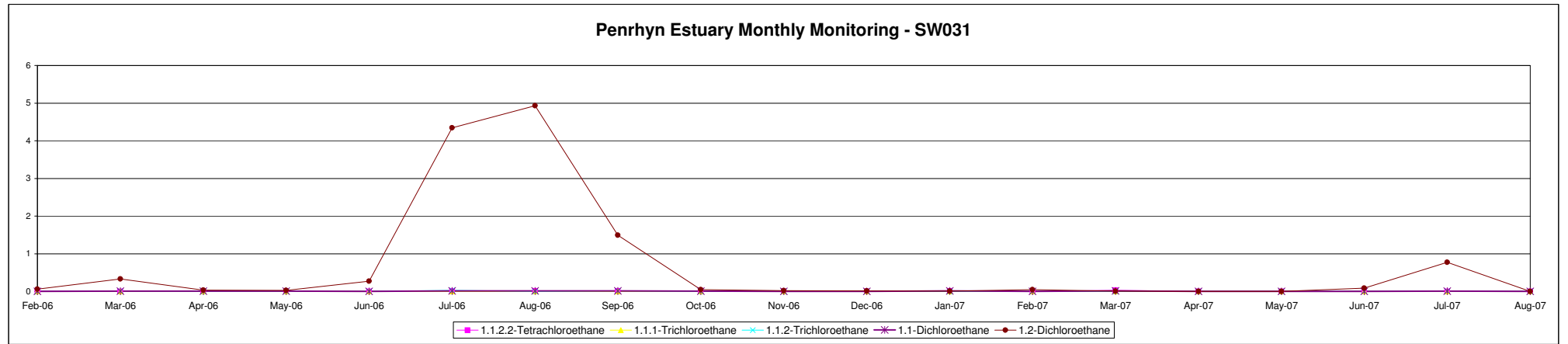
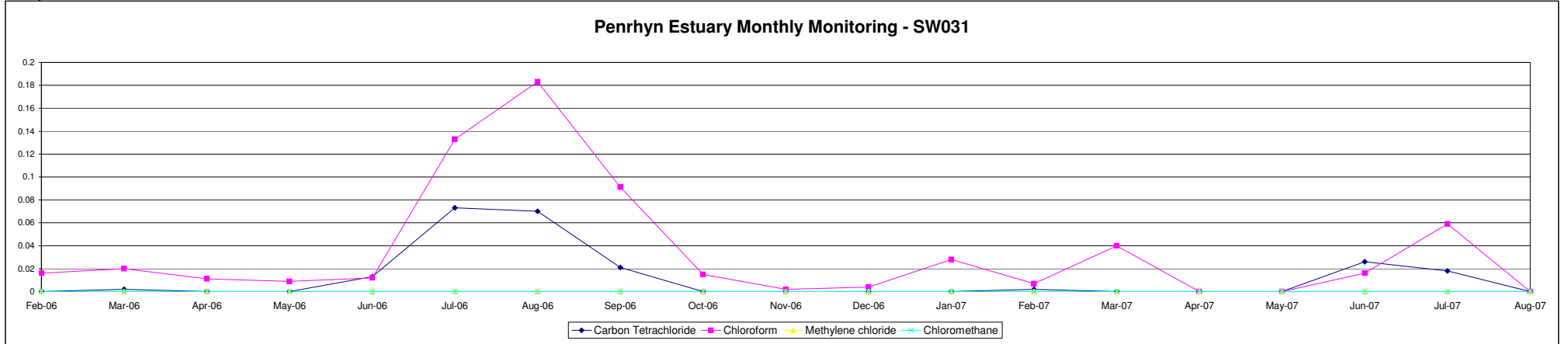
Sample ID		SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Carbon Tetrachloride	mg/L	<0.001	0.002	<0.001	<0.001	0.013	0.073	0.07	0.021	<0.001	<0.001	<0.001	<0.005	0.002	<0.001	<0.001	<0.005	0.026	0.018	<0.005
Chloroform	mg/L	0.016	0.02	0.011	0.009	0.012	0.133	0.183	0.091	0.015	0.002	0.004	0.028	0.007	0.04	<0.001	<0.005	0.016	0.059	<0.005
Methylene chloride	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.005	<0.025	<0.005	<0.005	<0.025	<0.005	<0.006	<0.005	<0.005
Chloromethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.05	<0.05	<0.01	<0.010	<0.01	<0.0050	<0.01	<0.01	<0.01	<0.05	<0.010	<0.010	<0.050
Total Chlorinated Methanes	mg/L	0.016	0.022	0.011	0.009	0.025	0.206	0.253	0.112	0.015	0.002	0.004	0.028	0.009	0.04	0	0	0.042	0.077	0

Sample ID		SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Pentachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005
1.1.1.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005
1.1.2.2-Tetrachloroethane	mg/L	0.011	0.003	0.003	0.001	<0.001	0.011	0.016	0.016	0.01	<0.001	0.001	0.013	<0.001	0.026	<0.001	<0.005	<0.001	0.003	<0.005
1.1.1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	0.003	<0.005
1.1.2-Trichloroethane	mg/L	0.003	0.005	0.001	<0.001	0.002	0.024	<0.005	0.016	0.002	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	0.007	<0.005
1.1-Dichloroethane	mg/L	0.003	0.004	0.004	0.004	0.001	0.014	0.015	0.013	0.004	0.001	0.002	0.013	<0.001	0.012	0.002	<0.005	<0.001	0.004	<0.005
1.2-Dichloroethane	mg/L	0.06	0.331	0.03	0.024	0.268	4.34	4.93	1.49	0.043	0.017	0.011	0.006	0.048	0.009	0.001	<0.005	0.085	0.771	<0.005
Chloroethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05	<0.01	<0.010	<0.01	<0.0050	<0.01	<0.01	<0.010	<0.05	<0.010	<0.010	<0.050
Total Chlorinated Ethanes	mg/L	0.077	0.343	0.038	0.029	0.271	4.389	4.961	1.535	0.059	0.018	0.014	0.032	0.048	0.047	0.003	0	0.085	0.788	0

Sample ID		SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031	SW031
Date		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
Round		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tetrachloroethene	mg/L	0.005	0.004	0.003	0.001	0.022	0.198	0.21	0.038	0.008	0.001	0.002	0.012	0.001	0.014	<0.001	<0.005	0.023	0.026	<0.005
Trichloroethene	mg/L	0.032	0.016	0.018	0.006	0.013	0.158	0.212	0.156	0.057	0.008	0.013	0.073	0.003	0.097	0.005	0.008	0.037	0.084	<0.005
1.1-Dichloroethene	mg/L	0.001	0.002	0.001	0.001	<0.001	0.014	0.011	0.008	0.004	0.001	0.001	0.008	<0.001	0.012	<0.001	<0.005	<0.001	0.002	<0.005
cis-1.2-Dichloroethene	mg/L	0.106	0.058	0.06	0.037	0.015	0.202	0.347	0.353	0.154	0.023	0.055	0.677	0.015	0.734	0.041	0.05	0.067	0.122	<0.005
trans-1.2-Dichloroethene	mg/L	0.011	0.005	0.007	0.004	0.001	0.016	0.023	0.048	0.021	<0.001	0.008	0.073	0.002	0.099	0.005	0.006	<0.001	0.005	<0.005
Vinyl chloride	mg/L	0.04	0.04	0.05	0.1	0.03	0.23	0.47	0.5	0.21	0.04	0.28	0.32	0.18	0.64	0.09	<0.05	0.09	0.13	<0.050
Total Chlorinated Ethenes	mg/L	0.195	0.125	0.139	0.149	0.081	0.818	1.273	1.103	0.454	0.073	0.359	1.163	0.201	1.596	0.141	0.064	0.217	0.369	0
Hexachlorobutadiene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.005
TOTAL VOLATILE CHCs	mg/L	0.288	0.49	0.188	0.187	0.377	5.413	6.487	2.75	0.528	0.093	0.377	1.223	0.258	1.683	0.144	0.064	0.344	1.234	0

Exceeds ANZECC 95% Trigger for Marine Waters

Penryhn Estuary Monthly Monitoring Analytical Results



*N.B. Please note that a discussion of the data will be provided every three months in the quarterly progress report.

Penryhn Estuary Monthly Monitoring Analytical Results

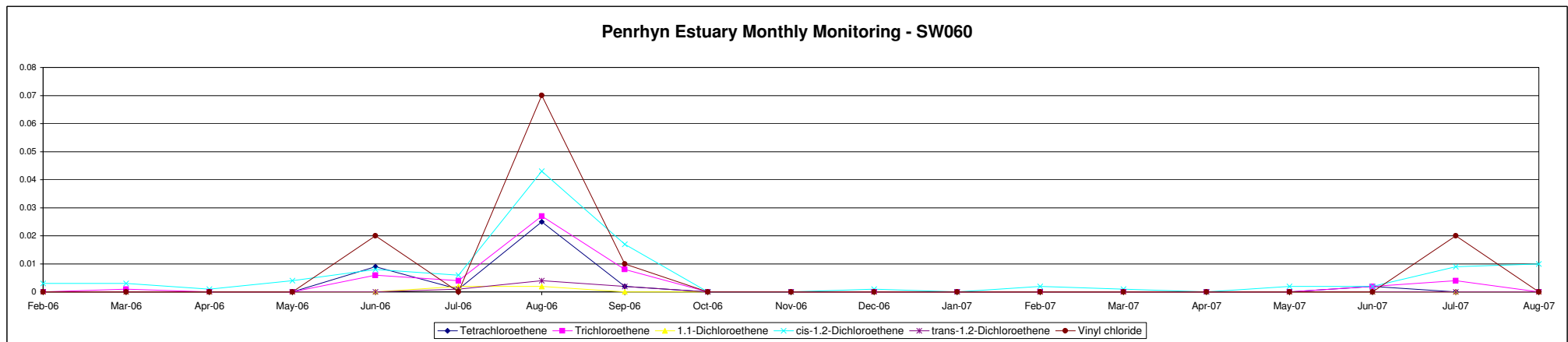
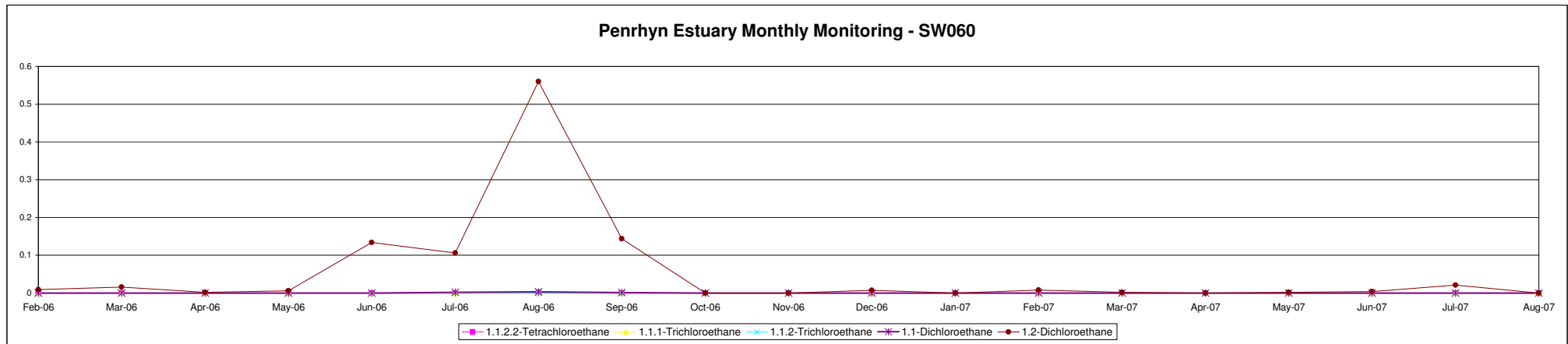
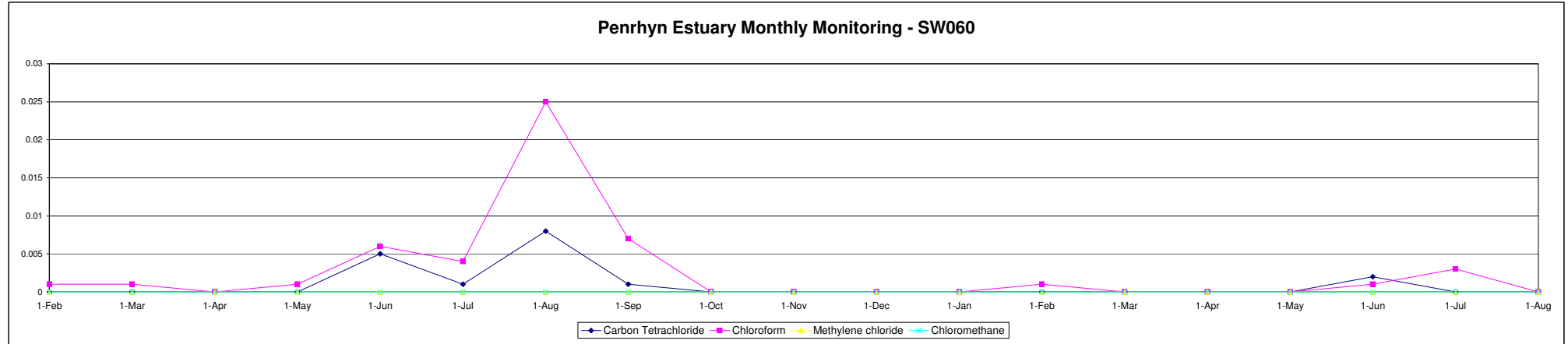
Sample ID	Date	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	7-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Carbon Tetrachloride	mg/L	<0.001	<0.001	<0.001	<0.001	0.005	0.001	0.008	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.005
Chloroform	mg/L	0.001	0.001	<0.001	0.001	0.006	0.004	0.025	0.007	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	0.001	0.003	<0.005
Methylene chloride	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.001	<0.005	<0.005
Chloromethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Methanes	mg/L	0.001	0.001	0.000	0.001	0.011	0.005	0.033	0.008	0	0	0	0	0.001	0	0	0	0.003	0.003	0

Sample ID	Date	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Pentachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.1.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2.2-Tetrachloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.1-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1.2-Trichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.1-Dichloroethane	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.003	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
1.2-Dichloroethane	mg/L	0.009	0.016	0.002	0.006	0.134	0.106	0.56	0.144	<0.001	<0.001	0.007	<0.001	0.008	0.002	<0.001	0.002	0.004	0.021	<0.005
Chloroethane	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.050
Total Chlorinated Ethanes	mg/L	0.009	0.016	0.002	0.006	0.134	0.109	0.565	0.145	0	0	0.007	0	0.008	0.002	0	0.002	0.004	0.021	0

Sample ID	Date	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060	SW060
Round		21-Feb-06	07-Mar-06	05-Apr-06	04-May-06	06-Jun-06	5-Jul-06	10-Aug-06	21-Sep-06	18-Oct-06	21-Nov-06	6-Dec-06	12-Jan-07	13-Feb-07	13-Mar-07	18-Apr-07	17-May-07	15-Jun-07	13-Jul-07	17-Aug-07
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Tetrachloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	0.009	0.001	0.025	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.005
Trichloroethene	mg/L	<0.001	0.001	<0.001	<0.001	0.006	0.004	0.027	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.004	<0.005
1.1-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
cis-1,2-Dichloroethene	mg/L	0.003	0.003	0.001	0.004	0.008	0.006	0.043	0.017	<0.001	<0.001	0.001	<0.001	0.002	0.001	<0.001	0.002	0.002	0.009	0.01
trans-1,2-Dichloroethene	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	0.004	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Vinyl chloride	mg/L	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	0.07	0.01	<0.01	<0.010	<0.01	<0.0010	<0.01	<0.01	<0.010	<0.010	<0.010	0.02	<0.050
Total Chlorinated Ethenes	mg/L	0.003	0.004	0.001	0.004	0.043	0.014	0.171	0.039	0	0	0.001	0	0.002	0.001	0	0.002	0.006	0.033	0.01
Hexachlorobutadiene	mg/L	<0.005	<0.005	<0.010	<0.001	<0.005	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
TOTAL VOLATILE CHCs	mg/L	0.013	0.021	0.003	0.011	0.188	0.128	0.769	0.192	0	0	0.008	0	0.011	0.003	0	0.004	0.013	0.057	0.01

Exceeds ANZECC 95% Trigger for Marine Waters

**Penrhyn Estuary Monthly Monitoring
Analytical Results**



*N.B. Please note that a discussion of the data will be provided every three months in the quarterly progress report.