

Penrhyn Estuary Monthly Monitoring  
Analytical Results

Sample ID Date Round	Units	LOR	ANZECC 95%Trigger Values	SW005	SW028	SW030	SW031	SW060	SW005	SW028	SW030	SW031	SW060	SW005	SW028	SW030	SW031	SW060
				16-Apr-08 27	16-Apr-08 27	16-Apr-08 27	16-Apr-08 27	16-Apr-08 27	16-May-08 28	16-May-08 28	16-May-08 28	16-May-08 28	16-May-08 28	04-Jun-08 29	04-Jun-08 29	04-Jun-08 29	04-Jun-08 29	04-Jun-08 29
Carbon Tetrachloride	mg/L	0.001	0.24	<0.001	<0.001	<0.001	<0.001	<0.001	0.01	<0.001	<0.001	<0.001	<0.001	0.008	<0.001	0.001	<0.001	<0.001
Chloroform	mg/L	0.001	0.37	0.002	<0.001	0.001	0.002	<0.001	0.012	<0.001	0.004	0.002	<0.001	0.004	<0.001	0.002	<0.001	<0.001
Methylene chloride	mg/L	0.001		<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
Chloromethane	mg/L	0.010		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010
<b>Total Chlorinated Methanes</b>	<b>mg/L</b>			<b>0.002</b>	<0.010	<b>0.001</b>	<b>0.002</b>	<0.010	<b>0.022</b>	<0.010	<b>0.004</b>	<b>0.002</b>	<0.010	<b>0.012</b>	<0.010	<b>0.003</b>	<0.010	<0.010
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
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
1.1.2.2-Tetrachloroethane	mg/L	0.001	0.4	<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
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
1.1.2-Trichloroethane	mg/L	0.001	1.9	<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
1.1-Dichloroethane	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
1.2-Dichloroethane	mg/L	0.001	1.9	<0.001	<0.001	<0.001	<0.001	<0.001	0.05	<0.001	0.005	0.01	<0.001	0.004	<0.001	0.004	<0.001	0.004
Chloroethane	mg/L	0.010		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.010	<0.010	<0.010	<0.010	<0.010
<b>Total Chlorinated Ethanes</b>	<b>mg/L</b>			<b>0</b>	<0.010	<0.010	<0.010	<0.010	<b>0.053</b>	<0.010	<b>0.006</b>	<b>0.011</b>	<0.010	<b>0.004</b>	<0.010	<b>0.004</b>	<0.010	<b>0.004</b>
Tetrachloroethene	mg/L	0.001	0.07	0.001	<0.001	<0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001	<0.001
Trichloroethene	mg/L	0.001	0.33	0.002	<0.001	<0.001	0.002	<0.001	0.015	<0.001	0.005	0.004	<0.001	0.005	<0.001	0.002	0.001	<0.001
1.1-Dichloroethene	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
cis-1.2-Dichloroethene	mg/L	0.001		0.011	<0.001	0.007	0.014	<0.001	0.104	0.003	0.037	0.021	<0.001	0.01	<0.001	0.012	0.004	0.001
trans-1.2-Dichloroethene	mg/L	0.001		<0.001	<0.001	<0.001	0.003	<0.001	0.002	<0.001	0.005	0.002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl chloride	mg/L	0.010	0.1	<0.01	<0.01	0.01	0.02	<0.01	0.05	0.02	0.07	0.04	<0.01	0.002	<0.001	0.006	0.002	<0.001
<b>Total Chlorinated Ethenes</b>	<b>mg/L</b>			<b>0.014</b>	<0.010	<b>0.017</b>	<b>0.039</b>	<0.010	<b>0.175</b>	<b>0.023</b>	<b>0.117</b>	<b>0.067</b>	<0.010	<b>0.019</b>	<0.010	<b>0.02</b>	<b>0.007</b>	<b>0.001</b>
Hexachlorobutadiene	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
<b>TOTAL VOLATILE CHCs</b>	<b>mg/L</b>			<b>0.016</b>	<0.010	<b>0.018</b>	<b>0.041</b>	<0.010	<b>0.25</b>	<b>0.023</b>	<b>0.127</b>	<b>0.08</b>	<0.010	<b>0.035</b>	<0.010	<b>0.027</b>	<b>0.007</b>	<b>0.005</b>