

APPENDIX 4

2005 Update

of

Reclamation and Monitoring Costs

POLARIS MINE

POST-RECLAMATION PHASE MONITORING / SITE MAINTENANCE COST REVIEW and FORECAST

	2005 Monitoring/Mtce Costs ¹	FORECAST COSTS BY YEAR					
		2006	2007	2008	2009	2010	2011
Garrow Lake Effluent Monitoring							
Field Staff for Sampling Final Discharge Point	\$ 62,100						
Travel	\$ 16,500						
Charter Aircraft	\$ 34,300						
Resolute Hotels / Camp Food / Camp Supplies	\$ 8,200						
Laboratory Costs	\$ 24,600						
Freight for Samples / Sampling Supplies	\$ 8,900						
Coordinating With Labs / Reporting/Planning	\$ 11,800						
	\$ 166,400	\$ 167,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000	\$ 85,000
Garrow Lake Water Column Monitoring							
Field Staff for Sampling Lake	\$ 15,200						
Travel	\$ 8,200						
Charter Aircraft	\$ 6,800						
Resolute Hotels / Camp Food / Camp Supplies	\$ 2,800						
Laboratory Costs	\$ 29,100						
Freight for Samples / Sampling Supplies	\$ 1,600						
Coordinating With Labs / Reporting/Planning	\$ 1,800						
	\$ 65,500	\$ 65,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000	\$ 35,000
Annual Geotechnical Inspection							
Field Staff for Sampling Lake	\$ 16,700						
Travel	\$ 5,500						
Charter Aircraft	\$ -						
Resolute Hotels / Camp Food / Camp Supplies	\$ 800						
Misc. Supply / Survey Costs	\$ 4,000						
Coordinating With Labs / Reporting/Planning	\$ 13,100						
	\$ 40,100	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Site Support / Site & Equipment Maintenance							
Labour	\$ 45,800	\$ 75,000	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500	\$ 3,500
Travel	\$ -	\$ 26,500	\$ -	\$ -	\$ -	\$ -	\$ -
Materials / Camp Supplies	\$ 17,100	\$ 25,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Site Communications	\$ 7,000	\$ 9,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000
	\$ 69,900						
TCML Site Management Costs							
Labour	\$ 51,000	\$ 33,000					
Expenses	\$ 15,000	\$ 12,500					
	\$ 66,000		\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
Studies / Major Reporting							
2004 Contaminated Soils Close Out Reporting	\$ 82,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2005 EEM Interpretive Report	\$ 15,000	\$ 10,000	\$ -	\$ -	\$ -	\$ -	\$ -
2006 Proposals for Revised Monitoring Requirements	\$ -	\$ 55,000	\$ -	\$ -	\$ -	\$ -	\$ -
2011 Final Review of Site Closure Performance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 60,000
	\$ 97,900						
TOTAL ANNUAL COST	\$ 407,900	\$ 508,000	\$ 190,500	\$ 190,500	\$ 190,500	\$ 290,500	\$ 250,500

Note 1 : Costs are for monitoring / site maintenance costs that occurred in 2005

Costs exclude reclamation project wrap-up costs, financial security, property taxes, lease costs, and insurance costs

APPENDIX 5

Garrow Lake Water Column Monitoring Data

FIGURE 1
GARROW LAKE - January 2004
Comparison of Zinc Concentrations In The Water Column Between
Monitoring Stations 262-3 and 262-3A

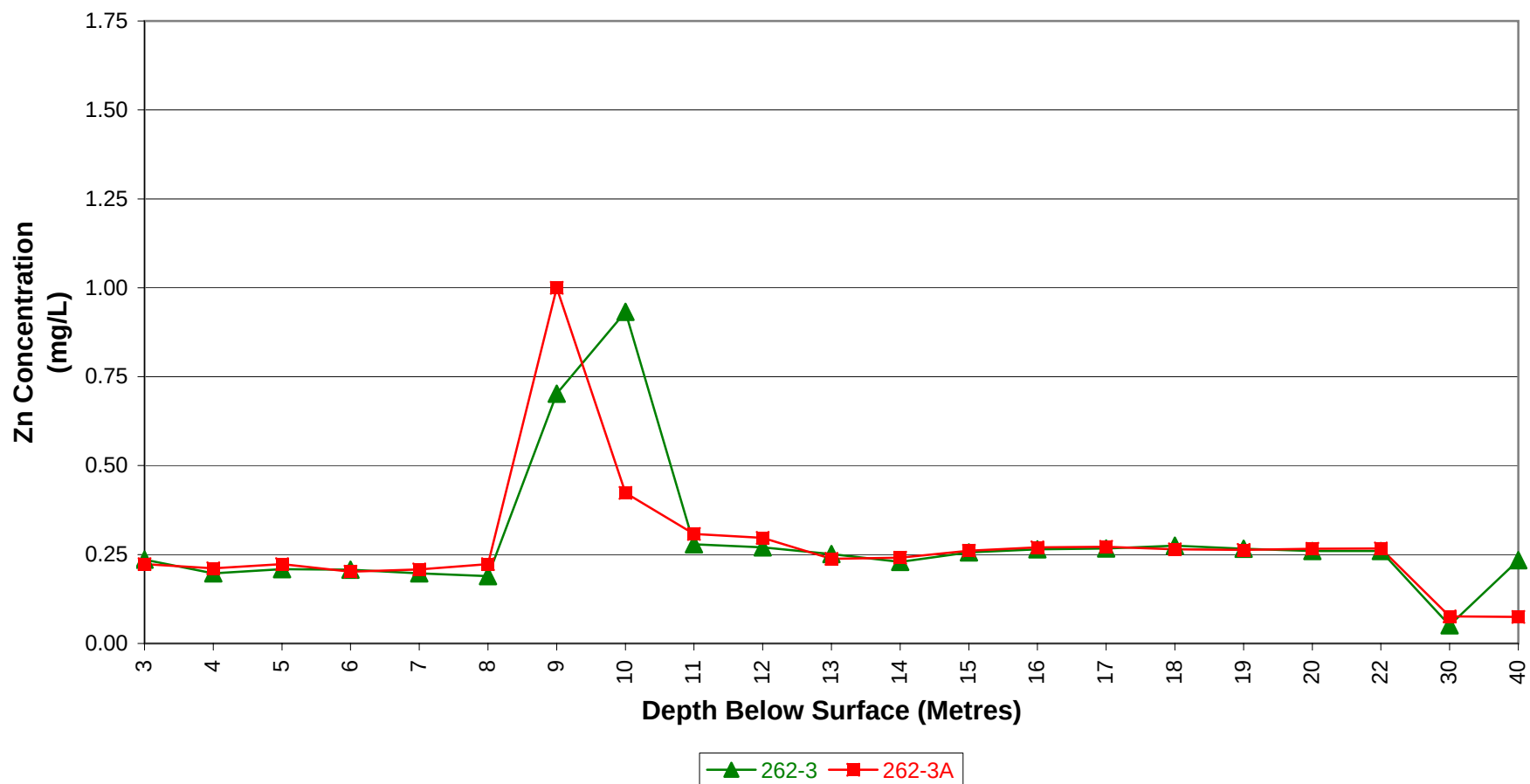


FIGURE 2
GARROW LAKE - May 2004
Comparison of Zinc Concentrations In The Water Column Between
Monitoring Stations 262-3 and 262-3A

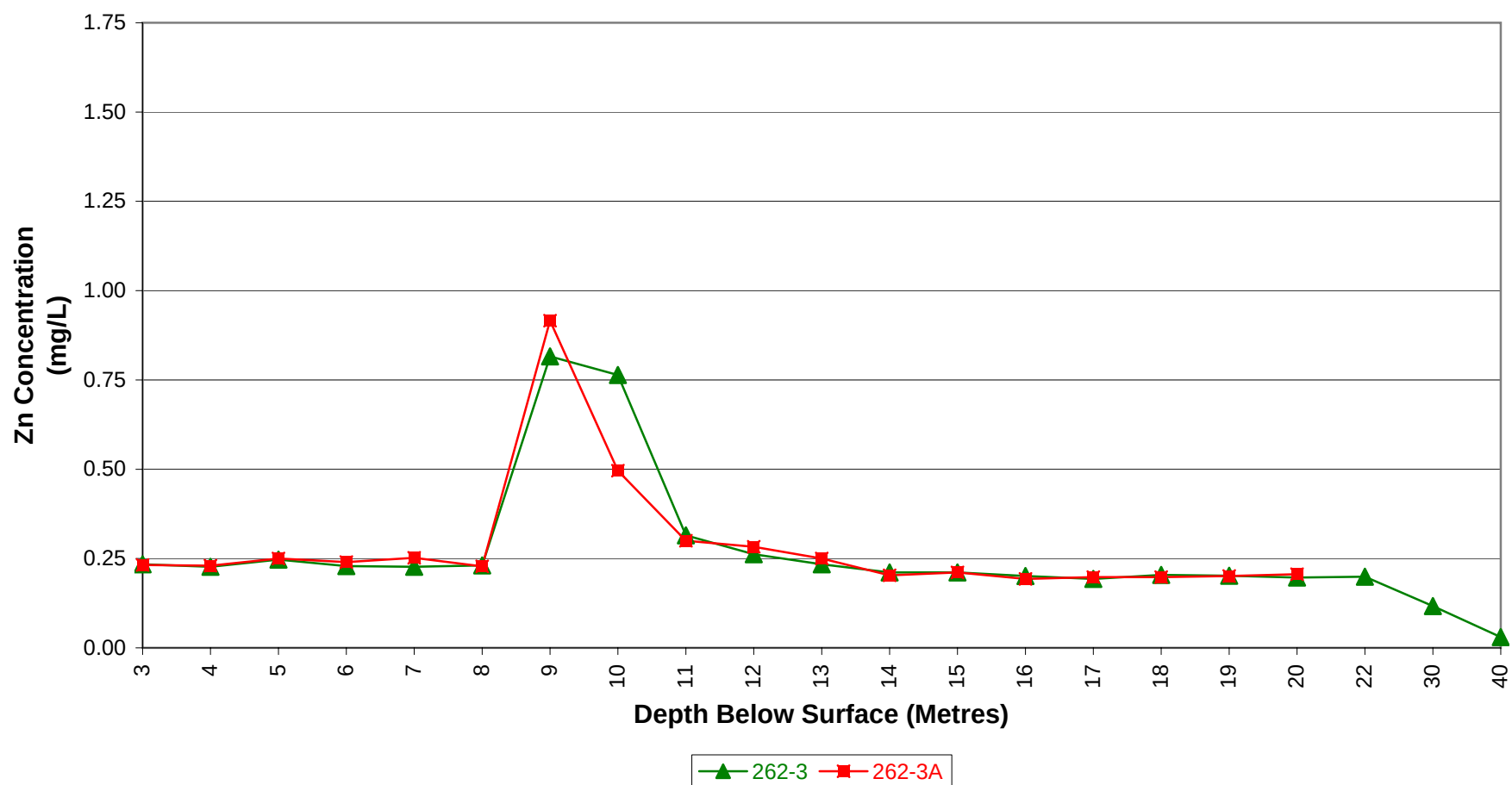


FIGURE 3
GARROW LAKE - May 2005
Comparison of Zinc Concentrations In The Water Column Between
Monitoring Stations 262-3 and 262-3A

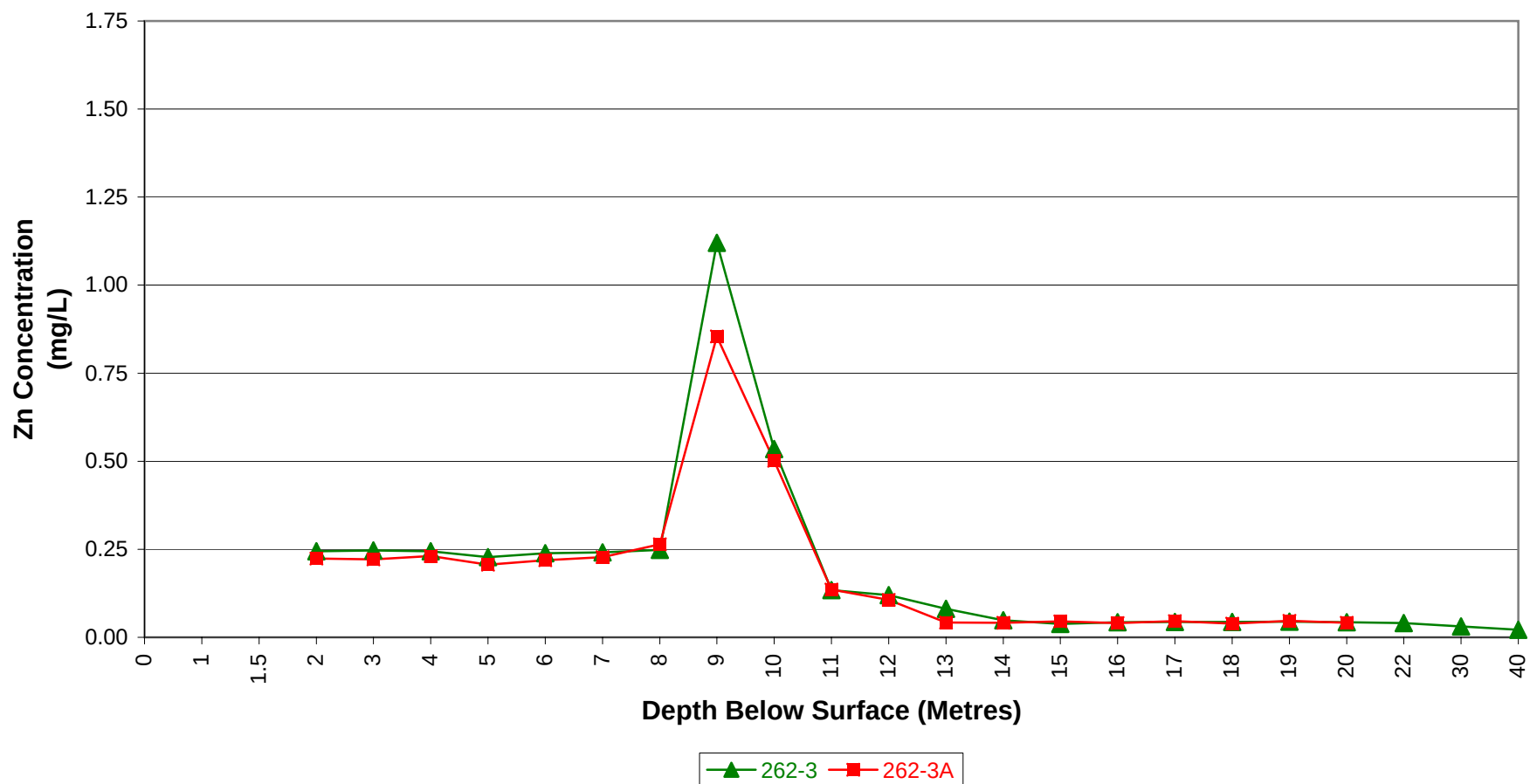


FIGURE 4
GARROW LAKE - August 2005
Comparison of Zinc Concentrations In The Water Column Between
Monitoring Stations 262-3 and 262-3A

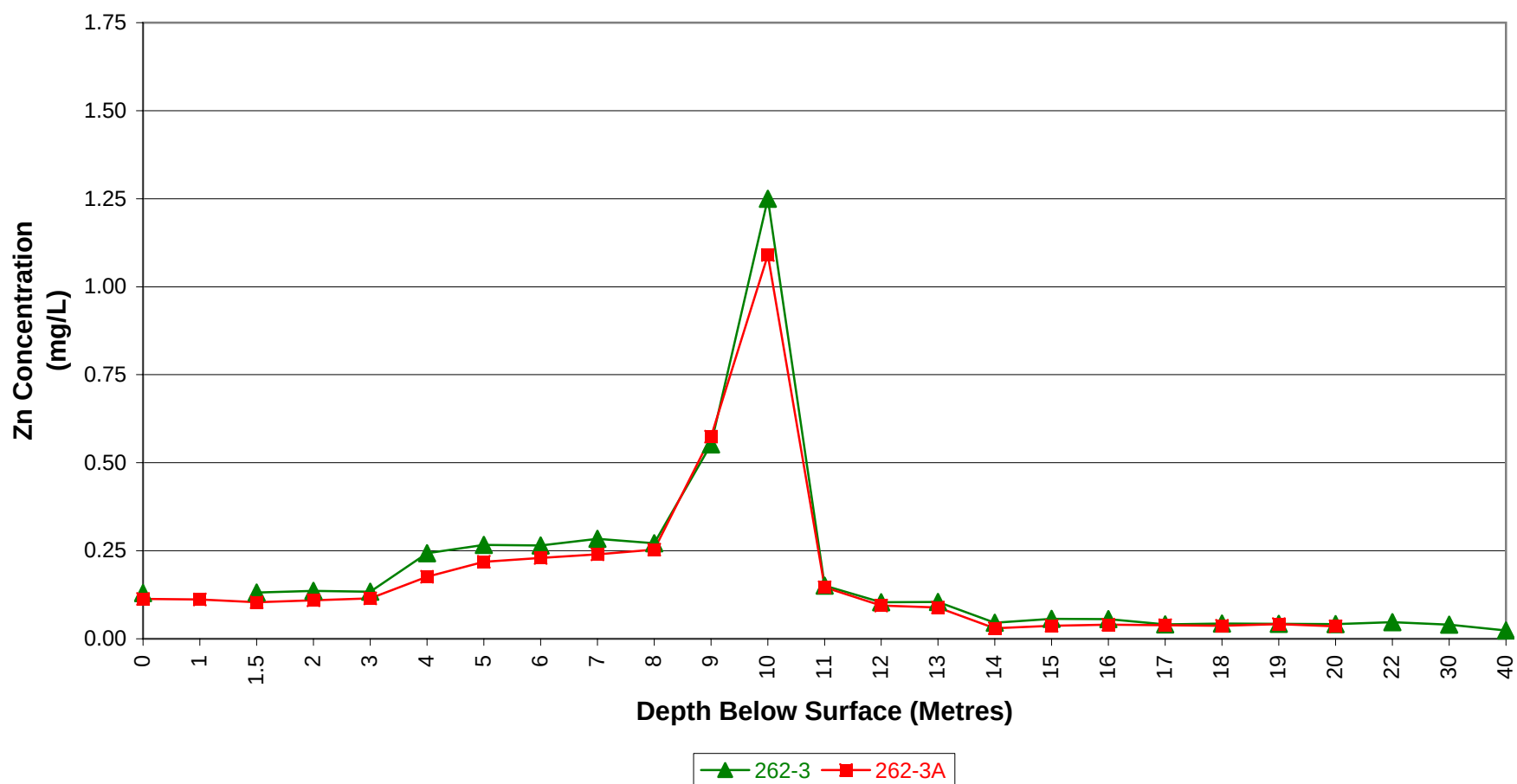
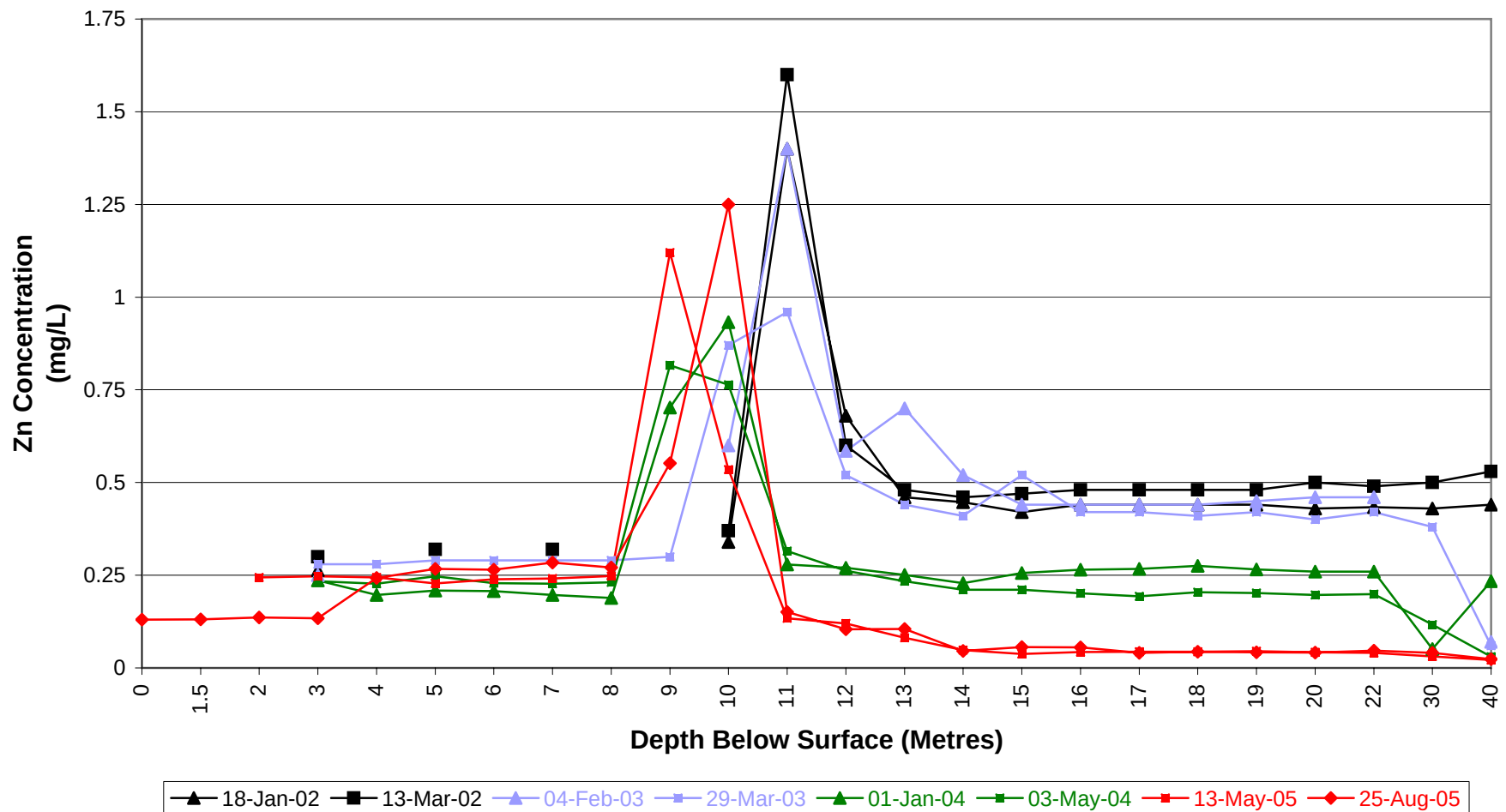


FIGURE 5
GARROW LAKE - Station 262-3
Trend In Zinc Concentrations In The Water Column 2002 to 2005



GARROW LAKE
WATER COLUMN MONITORING
STATION 262-3: Garrow Lake at Centre

Depth	Zinc Concentrations (mg/L)							
	18-Jan-02	13-Mar-02	04-Feb-03	29-Mar-03	01-Jan-04	03-May-04	13-May-05	25-Aug-05
0								0.130
1.5								0.131
2							0.244	0.136
3	0.26	0.30	0.25	0.28	0.236	0.234	0.247	0.134
4				0.28	0.197	0.227	0.244	0.243
5		0.32		0.29	0.209	0.247	0.228	0.267
6				0.29	0.207	0.229	0.239	0.265
7		0.32		0.29	0.197	0.227	0.241	0.284
8				0.29	0.189	0.231	0.248	0.271
9				0.30	0.702	0.816	1.120	0.552
10	0.34	0.37	0.60	0.87	0.932	0.764	0.535	1.250
11	1.40	1.6	1.40	0.96	0.279	0.315	0.134	0.151
12	0.68	0.60	0.585	0.52	0.27	0.262	0.120	0.104
13	0.46	0.48	0.70	0.44	0.251	0.234	0.0812	0.105
14	0.45	0.460	0.52	0.41	0.229	0.211	0.0482	0.0457
15	0.42	0.47	0.44	0.52	0.256	0.211	0.0378	0.0565
16	0.44	0.48	0.44	0.42	0.265	0.201	0.0429	0.0556
17	0.44	0.48	0.44	0.42	0.267	0.193	0.0435	0.0409
18	0.44	0.48	0.44	0.41	0.275	0.204	0.0440	0.0435
19	0.44	0.48	0.45	0.42	0.266	0.202	0.0448	0.0425
20	0.43	0.50	0.46	0.40	0.260	0.197	0.0425	0.0413
22	0.43	0.49	0.46	0.42	0.260	0.199	0.0407	0.0468
30	0.43	0.50		0.38	0.0514	0.117	0.0310	0.0404
40	0.44	0.53	0.07	0.06	0.234	0.0301	0.0214	0.0235

GARROW LAKE
WATER COLUMN MONITORING
STATION 262-3A: Garrow Lake Near Discharge

Depth	Zinc Concentrations (mg/L)			
	27-Jan-04	03-May-04	13-May-05	25-Aug-05
0				0.113
1				0.112
1.5				0.104
2			0.224	0.109
3	0.223	0.232	0.221	0.115
4	0.211	0.230	0.231	0.176
5	0.223	0.250	0.206	0.219
6	0.202	0.240	0.219	0.23
7	0.208	0.252	0.228	0.24
8	0.223	0.228	0.264	0.253
9	1.000	0.916	0.854	0.574
10	0.423	0.496	0.501	1.09
11	0.308	0.300	0.136	0.146
12	0.297	0.283	0.106	0.0944
13	0.238	0.250	0.0418	0.0888
14	0.241	0.203	0.0412	0.03
15	0.261	0.211	0.045	0.037
16	0.27	0.193	0.0408	0.0398
17	0.272	0.198	0.0458	0.0383
18	0.265	0.198	0.0391	0.0372
19	0.263	0.201	0.047	0.0417
20	0.266	0.206	0.0415	0.0354
22	0.267			
30	0.076			
40	0.0747			