



**Design of the Phase III
Monitoring Program for the
Cantuar Field Site**

(SW 30-16-16 W3M)

Prepared by

G. H. Huang, L. Liu, J. B. Li, and Z. Chen
Energy and Environment Program
Faculty of Engineering
University of Regina
Regina, SK S4S 0A2

Prepared for

Mr. Russell Roy, P.Eng.
Environmental Affairs
TransGas - SaskEnergy
15th Floor, 1945 Hamilton St.
Regina, SK S4P 2C7

May 1999

CONTENTS

1.	BACKGROUND	1
2.	DESIGN OF PHASE III MONITORING PROGRAM	1
	2.1. Sampling Network	1
	2.1.1 <i>Site Analysis</i>	1
	2.1.2 <i>Network Design</i>	3
	2.2. Sampling Depth	8
	2.3. Sample Analysis	8
	2.4. Quality Control	8
	2.5. Others	8
3.	PROBLEMS AND RECOMMENDATIONS	10
4.	SUMMARY	10
	REFERENCES	11