CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF FIGURES (Cont')

LIST OF FIGURES (Cont')

NOMENCLATURES

a	coefficient of cross-sectional area
ADCP	Acoustic Doppler Current Profiler
b	water level of effective zero area
c	coefficient of cross-sectional area
F_0	Froude number
g	acceleration due to gravity (m/s^2)
h	water depth (m)
P_t	the volume of tidal prism
Q	discharge (m^3/s)
T	the tidal period
WL	water level above mean sea level (m)
R^2	coefficient of determination
RMSE	root mean square error (m^3/s)
U	the maximum flood tide velocity average across the mouth (m/s)
ϕ	constant ratio of cross section