



STUDY LIMIT AT
UPSTREAM END
OF HARRISON LAKE

STUDY LIMIT

BC MINISTRY OF ENVIRONMENT
FRASER RIVER MODEL UPDATE

**WATER SURFACE PROFILE PLAN
AND DIKE LAYOUT
UPPER MODEL**

DATE: MARCH 2008	3-4743	DWG BY: MSN
------------------	--------	-------------

northwest hydraulic consultants

SCALE - 1:60,000

0 1 2 4 6 Kilometres

MAP PROJECTION: UTM ZONE 10, NAD83
NOTE THAT UPPER AND LOWER FRASER MAPS HAVE DIFFERENT SCALES.

Legend

Water Surface Elevation (m GSC)

- every 0.5 metres
- every 0.1 metres

MIKE11 Network

- Dike Stationing (metres)

Dike Class

- FRFCP DIKE
- NON-FRFCP DIKE
- OTHER DIKE
- ORPHANED DIKE

Dashed line indicates that crest elevation data is not available or the dike is outside the model scope.

- Municipal Boundary
- MOE Floodplain

Notes:
 1) Water levels shown correspond to design flood conditions and do not include a freeboard allowance.
 2) Design flood conditions are as defined in "Fraser River Hydraulic Model Update" by nhc (2008).
 3) Water levels correspond to smoothed Mike11 profile.
 4) Dike stationing, classification and layout as provided by BC Ministry of Environment.
 5) Dike crest and design water surface profiles are shown in Drawings 34743-3 to 34743-18.
 6) Water levels at Seabird Island assume that CPR track acts as dike.