

Response to Brian Richardson,
Ethanol Dehydration Plant, Port Esquivel, St. Catherine

A: Existing Sewage Treatment Facilities within 1 km

ALCAN Jamaica Co operates a sewage treatment facility designed for 18,000 l/d and has been licensed by the NRCA under Number 014L00 (issue date: March 30, 2001) and permitted under number 105P00 (issue date: March 30, 2001)

B: reports of flooding incidents within 1 km of the site

There are no reports of flooding however, the area is vulnerable to storm surge and a database prepared for the National Irrigation Development Master Plan indicates the shoreline as having experienced storm surges.

C: Historic or present groundwater or surfacewater contamination issues

Groundwater in this area is impacted by saline intrusion. Water quality data (1998) for the Longville Park Farm A well show chloride levels between 324 mg/l and 367.5 mg/l and sodium levels of 180 mg/l. The ambient water quality standard range for chloride and sodium is 5 – 20 mg/l and 4.5 – 12 mg/l, respectively.