

1 Q. **Install Diesel Fuel Tank Monitoring System at Ebbegunbaeg, Vol. I, p. c. 43**

2 If there were to be a sudden and catastrophic failure of either tank, where would
3 the oil end up?
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7 A. The tanks are of double walled construction and therefore do not have concrete
8 containment dykes around them. Double wall tanks consist of two steel walls, one
9 inner wall and an outer wall, separated by a vacuum. If this vacuum is lost it is an
10 indication that a leak has occurred. If a catastrophic failure (a hole in both the inner
11 and outer walls) were to happen, the contents of the bulk tank would leak into the
12 ground. Due to the rocky composition of the ground, the diesel fuel would flow to
13 the Ebbegunbaeg canal below the control structure. A catastrophic failure on the
14 day tank would cause diesel fuel to flow into the floor drains of the building, which
15 would then drain to the Ebbegunbaeg canal. Refer to page c-44 of the Capital
16 Budget Application, Figure 1 for a picture of the Ebbegunbaeg Control Structure
showing the location of the tanks and the canal.