

1 Q. Re: Refurbishment of the Fuel Oil Storage Facility

2 Please provide comparison of the costs for the manual fuel reconciliations versus
3 the fuel oil level indication system (at \$190,000.00) outlined at page 3.

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6 A. Manual fuel reconciliation is performed weekly to comply with the Provincial Gas
7 and Regulated Products (GAP) regulations. Two people perform gauging dips on all
8 fuel storage tanks, typically on Monday or Tuesday of each week. Month end
9 gauging is required to be performed at midday on the last day of each month. In
10 addition, the monthly gauging at the end of the year (Dec 31) is always witnessed
11 by two internal auditors. The data from the gauging is transferred manually to a
12 spreadsheet which is used to generate a report. Typically gauging will take three
13 hours to complete and two hours per week is required to enter and reconcile the
14 data and generate the required reports.

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16 Two operators x three hours x fifty-two weeks per year = 312 person-hours

17 Two auditors x three hours x one time per year = 6 person-hours

18 One person x two hours x fifty-two weeks per year = 104 person-hours

19 **Total = 422 person-hours per year. At \$70/hr. this equates to \$29,540 per year.**

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21 It is anticipated that in-situ instrumentation will require quarterly verification
22 against a known standard. This should require two technologists for four hours, four
23 times per year. The spreadsheet would be self populating from the field
24 instruments.

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26 Two technologists x four hours x four times per year = 32 person-hours

27 **Total = 32 person-hours per year. At \$70/hr. this equates to \$2,240 per year.**