

1 **B-67 Upgrade Exhaust Stacks, \$150,700**

2 Q. Does the release of soot from the exhaust stacks at the Grey River Plant
3 offend any environmental or other legislations?
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6 A. There is no known violation of existing regulations as a result of the soot
7 emissions in Grey River. The stack modification being proposed is to rectify
8 a problem related to the length and path of the existing stacks, which were
9 designed specifically to reduce the noise from the diesel generators, as, at
10 the time, noise was an issue in the community. The problem which has
11 resulted from the stack design is that, while noise levels are very low and
12 quite acceptable to the community, an increased level of soot is collected
13 and at times released from the stacks as a result of cooling of the exhaust
14 stream, and of lower velocity of the stack exhaust gas at the exit of the
15 stacks. This results in higher levels of soot being released from the stacks
16 and its fallout in close proximity to the plant, which happens to be within the
17 community. Hydro has received a letter from the Local Improvement District
18 of Grey River expressing their concern regarding soot being noticed on
19 properties in Grey River. The following photographs indicate how close the
20 diesel plant is located to neighbouring homes and illustrate why soot
21 emissions are such an issue in this community.



The diesel plant is the blue building with the flat roof and vertical metal siding.



The diesel plant is the blue building with the flat roof and vertical metal siding, located in the center of the photograph.