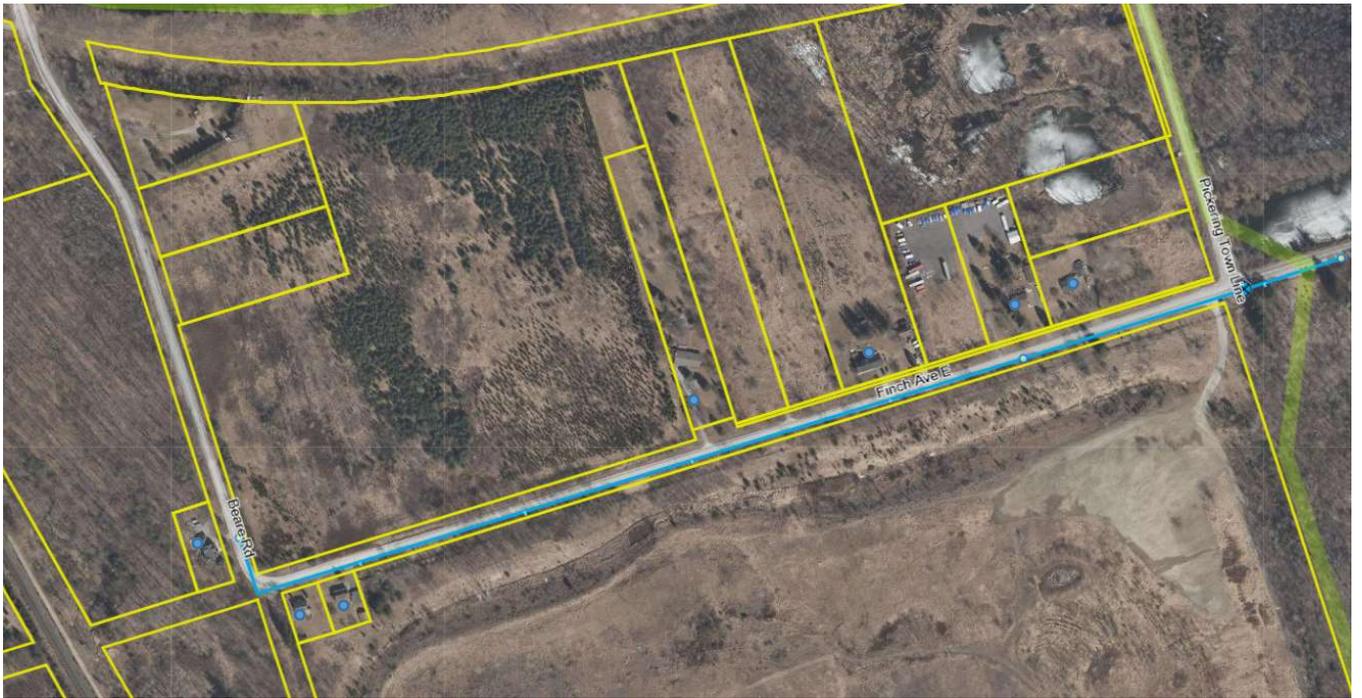


Attachment 1: Figure of Properties Serviced by Durham Watermain



• Active Residential Accounts in 2021:

- 2 Beare Rd.
- 8127 Finch Ave. E.
- 8129 Finch Ave. E.
- 8132 Finch Ave. E.
- 8136 Finch Ave. E.
- 8138 Finch Ave. E.
- 8140 Finch Ave. E.

METROPOLITAN WORKS DEPARTMENT #9

October 22, 1981

METROPOLITAN WORKS COMMITTEE

Cost Sharing of Water Main
Construction on Finch Avenue East

In May, 1981, we reported (Clause 4, Report 7, Works Committee) on a request from the Council of the Borough of Scarborough that consideration be given to installation of a water main on Finch Avenue East, north of the Beare Landfill Site, to service several properties having problems with a high calcium chloride content in their wells. Council approved recommendations made at that time to share the cost with the Borough, whose Public Utilities Commission would install the main, connected to and supplied from the Regional Durham System.

Details to be resolved before work commenced included ensuring that any water main constructed could service all properties experiencing problems with their wells, if necessary, the diameter and length of main to be constructed, and securing binding agreements with property owners to connect at their cost, estimated at \$2,000.00 each.

Information provided in a letter dated October 5, 1981, by the Scarborough Works Department on behalf of the Public Utilities Commission, indicates that these details have been resolved satisfactorily and that work can proceed immediately upon authorization. At this time, only three properties would be serviced.

The Borough has estimated a total cost of \$26,000.00 for a length of approximately 200 metres of 150 mm pipe. They propose now that, because one of the three properties to be serviced is owned by Metropolitan Toronto, we pay 50% of the cost of servicing two residences on the north side of Finch Avenue and 100% for one located on the landfill property, which is rented. In effect, this proposal would convert the original request to share the cost of the water main to one asking that we pay 2/3 of the cost. There are five other residences along Finch Avenue, which might in the future seek connection, although presently only one owner has expressed interest, and we believe he would be satisfied to be provided with bottled water, which would be much less costly than extending the water main to service only that property. It appears total that it is still valid for Metro to share equally with the Borough the construction cost of servicing the three homes, regardless of their ownership.

Metropolitan Works Committee - 2

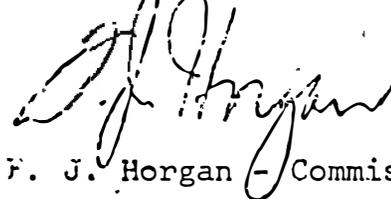
In our May 6, 1981 report, reference was made to the fact that no relationship between our landfill operations and the quality of water in these wells had been established, either in our own or in Ministry of the Environment reports. The wells in difficulty are shallow, and the quantity and quality of water they produced was marginally adequate even before our operations commenced. Road salt contamination may well be the cause of the high chloride content. We noted then, however, that rather than become involved in considerable expense for hydrogeological studies to attempt to prove our contention, it probably would be more practical to devote the funds toward installation of the water main.

On September 15, 1981, the Works Committee instructed us to report on the feasibility of extending the Beare Landfill north of Finch Avenue to the C.P.R. right-of-way. That study is underway, but will not be complete until the end of this year. If extension proves feasible, all the properties now experiencing problems with water supply would have to be acquired. However, we do not feel that water main installation, as proposed herein, should be delayed on that account.

RECOMMENDATION:

That the Metropolitan Corporation agree to share with the Borough of Scarborough, as originally requested by its Council in its resolution of April 21, 1981 (Report 11, Works and Transportation Committee), the cost of \$26,000.00 now estimated as necessary to serve three properties on Finch Avenue East, by construction of some 200 m of 150 mm water main, connected to and supplied from the Regional Durham system, and that the cost of \$2,000.00 estimated to connect a property owned by this Corporation also be authorized.

Funds are available in the Capital Account - Beare Landfill Site.



F. J. Horgan - Commissioner

:rl

1622.00

BOROUGH OF SCARBOROUGH

Clerk's Department

Recommendation embodied in Report No. 11 of the WORKS AND TRANSPORTATION COMMITTEE adopted by Council at its meeting held on April 21, 1981

3. Request for Watermain Construction - Finch Avenue Westerly from the Pickering Town Line

Committee received the following report (March 24, 1981) of the Director of Street Operations, viz:

"In a letter dated March 9, 1981, Mr. F.P. Warden of the Veterans Land Administration suggests that a watermain be constructed on Finch Avenue to provide water to existing houses that are experiencing difficulties with the quality of water presently available in their wells.

The cause of the deterioration of well water has not been determined but the possibility of road salt being a contributing factor cannot be eliminated. The deterioration of the water quality has become evident since 1974.

There are no Scarborough watermains at this location, however, there is a Durham watermain on Finch Avenue at the Pickering Town Line that could be extended to service these homes and which would also provide water for fire protection to the landfill site and possibly for part of the requirements of the future ski hill.

The Durham Region Works Department have indicated that the watermain could be extended and Metropolitan Toronto Works Department have indicated that they would recommend that they share in the cost of the main. The watermain would cost between \$30,000 and \$60,000 depending on the length constructed. The proposal to extend the watermain far enough to provide a service to any of the affected homes would be a practical solution to the problem, provided agreement can be reached on the cost sharing.

It would seem equitable in this case for the costs of the main to be shared by Metro Works Department and the Borough provided the homeowners paid the costs of installing individual connections from the houses to the main, and the water meters, plus the cost of any water used.

It would be desirable to undertake this construction in 1981.

Recommendations: (1) That the watermain be scheduled for construction in 1981.

(2) That approval be given to enter into negotiations with the Metropolitan Toronto Works Department and affected homeowners on cost sharing for this project.

(3) That subject to agreement on cost sharing, the S.P.U.C. be requested to undertake the design and construction of the installation.

Funding: Scarborough's share of the costs be provided as a contingent item to be funded from within the Works Department allocation and/or the Contingency Fund."

Mr. Hugh R. Hoard, District Manager, Veterans Land Administration, attended on Committee and his comments were heard.

COMMITTEE RECOMMENDS adoption of the foregoing report of the Director of Street Operations