

RE: ALTERNATE SOLID WASTE PROCESSING METHODS
MUNICIPAL MANAGER'S RECOMMENDATION:

ITEM 10
MANAGER'S REPORT NO. 70
COUNCIL MEETING 89/10/30

1. THAT the recommendation of the Director Engineering be adopted.

* * * * *

TO: MUNICIPAL MANAGER 1989 OCTOBER 25
FROM: ACTING DIRECTOR ENGINEERING
SUBJECT: ALTERNATE SOLID WASTE PROCESSING METHODS
PURPOSE: To inform Council on alternate solid waste processing methods.

RECOMMENDATION:

1. THAT this report be received for the information of Council.

REPORT

BACKGROUND

At the regular Council meeting held on 1989 October 10, Council discussed information received at the recent U.B.C.M. conference regarding alternative solid waste processing methods, in particular, "The Reuter Way". Arising from the discussion, Council requested that staff investigate this method and report back to Council. In addition, Council has informally expressed their interest in another processing method, namely the "Biagro" method.

ALTERNATE SOLID WASTE DISPOSAL METHODS

Both the Biagro and the Reuter Resource Recovery processes are disposal methods which recycle the majority of urban solid wastes. Both separate metals, glass, and plastics from the waste stream, recycle these materials, and further process the remaining solid waste. The Biagro method takes the organic portion of the solid waste, composts them with a patented process, producing a pelletized fertilizer. The Reuter Resource Recovery method utilizes these organics to produce a refuse-derived fuel.

Although both systems have advantages and disadvantages, staff do not have the resources to undertake a great deal of research into the relative merits of these systems. However, it is important to realize that both of these processes are patented solid waste disposal processes.

ITEM 10
MANAGER'S REPORT NO. 70
COUNCIL MEETING 89/10/30

BURNABY'S ROLE


In the early 1970s, it was determined by a G.V.R.D. Engineering Board of Review that a regional refuse disposal facility could provide a more convenient and economic service to Member Municipalities than could be provided by each Member proceeding on its own. Since that time Burnaby has been responsible for the collection of residential solid waste and the G.V.S. & D.D. responsible for the disposal of solid wastes. It is staff's opinion that the processes discussed herein are forms of disposal and as such are the responsibility of the G.V.R.D.

132

The Environment and Waste Management Committee has reported to Council that it is of paramount importance that the G.V.R.D. assume a regional role in the processing/marketing of collected recyclables. Appearing elsewhere on this agenda is a report from the Environment and Waste Management Committee recommending several specific recycling strategies be adopted by the Municipality. The strategies being recommended will not effect the G.V.R.D.'s ability to implement either of the disposal processes discussed herein. In fact, source separation of these materials would likely enhance the economic viability of these, or any other, processing systems.

During verbal communications, Municipal staff have been advised by G.V.R.D. staff that they would give serious consideration to any proposals submitted to them regarding these or any other proprietary processes.

HDH:je


ACTING DIRECTOR ENGINEERING