

ITEM 10

MANAGER'S REPORT NO. 82

COUNCIL MEETING Dec. 20/71

10. Re: Comparison of Proposed Regional and
Burnaby Noise Bylaws
(Item 19, Report 73, November 15, 1971)

The Municipal Technical Sub-Committee was asked on November 15 to summarize in tabular or chart form the differences between the two draft bylaws.

The attached report is an interim one. It is the Committee's intention to enlarge on this report, if necessary, when the Committee submits its revised Bylaw draft about January 17, 1972.

RECOMMENDATION:

THAT the report be received; and
THAT a copy of this report be forwarded to
the G.V.R.D. as well as to all those making
submissions in connection with the Noise
Bylaw.

SUBJECT	REGIONAL	BURNABY	COMMENTS
Zoning	Quiet Activity	Multiple Family Residential Districts, Public & Institutional Districts, Residential Districts Industrial, Commercial, Agricultural, Comprehensive Development Districts	Either zoning could be used. In our last report of December 9, 1971, it was indicated that there would be no conflict in relating our categorization with the broader definition as proposed in the Regional By-Law
Day Time	7:00 a.m. - 10:00 p.m.	7:00 a.m. - 10:00 p.m.	Same
<u>Permitted Noise Levels in Quiet and Activity Zones</u>			
<u>Quiet Zone</u>			
Continuous Noise	65 dbA day time 55 dbA night time	55 dbA day time 45 dbA night time	We consider the Regional By-Law too high in quiet zones. We are assessing the existing levels in our quiet areas and will be reporting at the time of by-law presentation.
Non-continuous	No specification	80 dbA day time 75 dbA night time	
<u>Activity Zone</u>			
Continuuous Noise	70 dbA day time 65 dbA night time	65 dbA day time 55 dbA night time	It is our opinion that the db ratings in the Regional proposal are too high but we are still assessing the noise from special operations namely continuous process industries. We will be reporting further when the by-law is presented.
Non-continuous	80 dbA day time	80 dbA day time 75 dbA night time	
	In 10 years dbA ratings to decrease 10 dbA	In 5 years dbA ratings to decrease 5dbA in commercial and industrial districts	

PERMITTED NOISE LEVELS FROM VEHICLES

VEHICLE	REGIONAL	BURNABY	COMMENTS
<u>Over 6,000 lbs.</u>			
30 m.p.h. or less	85 dbA	85 dbA	The noise levels for vehicles are the same. However, in our report of December 9, 1971, the difference in measurement of distance 15 feet versus 50 feet for Regional was pointed out. This committee does not agree in the carrying out measurements in accordance with S.A.E. Standards as it is impractical and would be impossible to carry out except in a few locations. S.A.E. should, we feel, be confined to Provincial Inspection stations.
Over 30 m.p.h.	92 dbA	92 dbA	
<u>Under 6,000 lbs.</u>			
30 m.p.h. or less	80 dbA	80 dbA	
Over 30 m.p.h.	85 dbA	85 dbA	
Recreational vehicles	82 dbA	Must meet noise levels set for the district in which they are operated	Recreational vehicles are generally banned in Burnaby through Provincial licencing laws.
Non-licenced vehicles used in industry, agriculture, etc.	94 dbA	Is covered under permit for construction or demolition or by levels set for particular district	
Power lawn mowers and power gardening tools	84 dbA (day time)	87 dbA	
Pure Tones	Where there is audible pure tone in any quiet or activity zone, the permitted noise level shall be reduced by 5 dbA	Has no such requirement	We are considering the advisability of incorporating a pure tone section into the by-law.