

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

RE: BARNET HIGHWAY OUTDOOR RIFLE AND REVOLVER RANGES

Following is a report from the Parks and Recreation Administrator regarding the subject rifle and revolver ranges.

RECOMMENDATION:

1. THAT the recommendations as contained in the report from the Parks and Recreation Administrator be adopted.

* * * * *

1980 September 03

TO: MUNICIPAL MANAGER
 FROM: ADMINISTRATOR, PARKS AND RECREATION
 SUBJECT: BARNET HIGHWAY OUTDOOR RIFLE AND REVOLVER RANGES

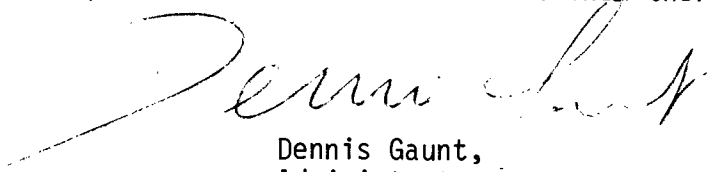
RECOMMENDATIONS:

1. THAT Council recommend to Simon Fraser University that they provide a renewable one-year lease to the Rifle and Revolver Clubs, pending further negotiations and discussions between the Commission, staff and gun clubs.
2. THAT a copy of this report be sent to the persons who have written to Council on this matter.

REPORT

At its meeting of 1980 September 03, the Parks and Recreation Commission received an information report from the Director of Planning dated 1980 August 27 and recommended this be forwarded to Council for information (Attachment 'A').

The Commission also received a Parks and Recreation staff report (Attachment 'B') and adopted the recommendations contained therein.



Dennis Gaunt,
 Administrator

AG/jce
Attach.

cc: Director of Planning

THE CORPORATION OF THE DISTRICT OF

ADMINISTRATOR'S REPORT NO. 14
COMMISSION MEETING 80 09 03

TO: PARKS AND RECREATION ADMINISTRATOR

1980 AUGUST 27

FROM: DIRECTOR OF PLANNING

SUBJECT: BARNET HIGHWAY OUTDOOR RIFLE AND REVOLVER RANGES

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

RECOMMENDATION

THAT this report be received by the Commission for information purposes.

110

REPORT

The discussions that have taken place over the past year with Simon Fraser University concerning the leases of parcels of University owned land on the south side of the Barnet Highway by various gun clubs has been the subject of considerable interest in recent weeks by members of the respective clubs.

In response to a request from a member of Council, the Municipal Manager has asked the Parks and Recreation Administrator to report on matters related to the noise output from large-bore and small-bore arms, in order that Council might have an appreciation for the level of conflict that might be expected resulting from use of the various types of guns.

It is felt that it may be of use to the Commission to have before it at this time an outline of the history of this subject and the past reports to the Commission and Council which have led up to the current consideration by the SFU Board of Governors.

During the course of planning for the Barnet Marine Park, it was recognized that the outdoor rifle and revolver ranges could present certain environmental conflicts relative to public activities in the Park. Upon learning that the leases held by the Gun Clubs with Simon Fraser University would be coming up for renewal at the end of 1980, a report was prepared for the Council dealing with the impact of noise emanating from the gun clubs upon users of the facilities at the adjacent public park.

This report dealt with the need for control with respect to the land use adjacent the public park land and made specific reference to the gun clubs' leases, setting out alternative approaches for commencing discussions with the University towards relocation of the ranges, and recommending that authority be given to take the necessary steps to secure the desired control. Contained within the Council report is an indication of the staff's concern about the strong noise impact on the park, which was seen to be a problem that would increase over time as more and more people came to utilize the developing and popular major park facility. A copy of this report (Item 5, Manager's Report No. 36), together with a Minute describing the action taken by Council is attached as Attachment "A".

Acting on Council's authority, a brief was submitted by former Mayor Constable to Mr. Paul Cote, Chairman of the Board of Governors of Simon Fraser University, on 1979 June 13. This brief requested that the University re-convey to the Municipality these lands which accommodate the three gun clubs mentioned in the above noted report, with a view to overcoming the conflict between the gun club operations and the public's use of the developing major park facility. The former Mayor's brief of 1979 June 13 is attached as Attachment "B".

In response to a query from the Commission, the Director of Planning on 1979 October 17 reported to the Commission on the status of the Municipality's efforts to secure control over the legally non-conforming gun club use, and indicated that a further report on the matter would be submitted to the Commission upon conclusion of the Mayor's negotiations with the Board of Governors (copy of report attached as Attachment "C").

The University's response to the former Mayor's submission was indicated in a letter dated 1980 June 13 from Mr. George Suart, Vice-President, Administration, of Simon Fraser University. This letter followed a discussion at the first meeting of the Liaison Committee between the University and the Municipality held on 1980 May 29, a meeting attended by the Chairman of the Parks and Recreation Commission, Commissioner Thompson and Commissioner Brown, along with the Municipal Manager and Assistant Director - Current Planning. Mr. Suart's letter states that as Vice-President of the University, he would not be prepared to recommend that the land be deeded to the Municipality, but that he was prepared to recommend to the Board of Governors that the leases the University presently has with the gun clubs on the Barnet Highway be terminated no later than 1981 May 15. The Vice-President's letter, together with the Planning Department's response dated 1980 June 24 directed to Mr. Don Ross, Bursar, is attached as Attachment "D".

At a meeting of the SFU Board of Governors held 1980 July 29, the Board passed a motion requesting more information concerning the reasons the leases should not be renewed together with a formal request from the Municipality before the Board of Governors further considers the matter. The letters received by the Board requesting that the leases be continued were to be forwarded to Burnaby Council. Mr. Suart has advised the Municipal Manager of the Board's concerns with regard to the necessity for non-renewal of the leases and a further report will be submitted to the Municipal Council to obtain their further direction.

The RCMP, who currently make use of the facilities for training and testing purposes, have expressed an interest in retention of the clubs as it relates to their needs. The Director of Planning has communicated with Supt. Fuchs of the RCMP Detachment, outlining the current status and the proposed further actions, in the third paragraph of our memo (Attachment "E").

With reference to suggestions contained in some of these letters from club members that there was insufficient publicity given to the Municipality's efforts, it should be noted that the local press gave wide-spread coverage to reports of Council's consideration of the matter on 1979 May 07. This newspaper coverage resulted in presentations being made to Council through correspondence from the Sapperton Fish and Game Club and from the Burnaby Fish and Game Club on 1979 June 25.

There has also been some reference made to rumours that the Municipality is asking to obtain the lands presently occupied by the ranges for housing development. It should be clearly understood that there has never been any intention by the Municipality to develop these lands for housing or indeed for any other commercial or industrial uses. These properties lie within the designated Burnaby Mountain Conservation Area, are zoned P3 Park and Public Use District, and would be intended to be used only for passive conservation area use or compatible recreational uses which are permitted under the P3 Zoning District.

It is our understanding that the noise study requested by Council has been completed by the Environmental Health Department, working closely with your staff, and that this will be the subject of a report to the Commission. In view of the growing public use of the evolving Marine Park area, the topographical features of the north face of Burnaby Mountain which tend to reflect and focus the reports from weapons being fired at the ranges, and the responsibility that the Municipality has to provide the optimum compatibility between a major public use area and surrounding land uses, the Commission is urged to support a program for improvement of the acoustic conditions at the Marine Park through an arrangement for removal of the gun clubs in an orderly fashion.

In the event that relocation of the gun clubs at this time to a less urban location is not favoured by the Municipal Council or by the Board of Governors of Simon Fraser University, a possible alternative course of action is presented by a consideration of the distinction between small-bore and large-bore weapons, and consideration of time scheduling as elements of a possible solution.

As intensive public use of the park facilities is largely seasonal (most intensive use between May and October) and is expected to be primarily during daylight (primarily afternoon and evening) hours, it is possible that some accommodation might be reached with members of the respective gun clubs whereby they would conduct firing only during periods mutually-agreed upon when park usage is at a minimum. For example, an accommodation might be reached whereby discharging of fire arms would be limited to non-daylight or early morning hours during the principal park use season, with reduced or no limitations during the balance of the year.

ITEM 2
 MANAGER'S REPORT NO. 56
 COUNCIL MEETING 1980 09 08

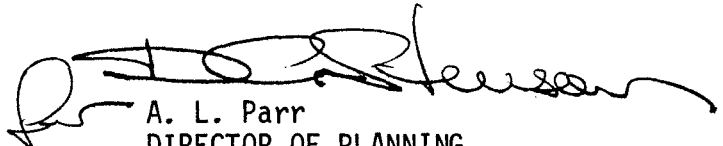
ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

ITEM 8
ADMINISTRATOR'S REPORT NO. 14
~~COMMISSION MEETING 80 09 03~~

112

Similarly, and depending upon the Commission and Council's consideration of the results of the noise studies, it is possible that a workable distinction may be made between classes of weapons, such that restrictions are applied to large-bore weapons and a reduced level of restrictions might be applied to the small-bore arms.

A solution along these lines may be viewed as a compromise which will achieve the main thrust of the Municipality's objective of securing improved compatibility for the public's enjoyment of this major park, without necessitating dislocation of the clubs.


A. L. Parr
DIRECTOR OF PLANNING

DGS/ds

attachment

cc Municipal Manager

ITEM 8
ADMINISTRATOR'S REPORT p. 14
COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

RE: GUN CLUB LEASES ON BARNET HIGHWAY

Following is a report from the Director of Planning on leases which three gun clubs have for the use of properties on Barnet Highway.

RECOMMENDATIONS:

1. THAT the recommendation of the Director of Planning be adopted.
2. THAT a copy of this report be sent to the Parks and Recreation Commission for information.

* * * * *

TO: MUNICIPAL MANAGER 1979 APRIL 26
FROM: DIRECTOR OF PLANNING
SUBJECT: GUN CLUB LEASES ON BARNET HIGHWAY

RECOMMENDATIONS:

1. THAT staff be authorized to prepare and submit a brief to the Simon Fraser University Board of Governors requesting Municipal control of the subject gun club leases on the preferred basis of Alternative 1 as outlined in this report.
2. THAT a copy of this report be forwarded to the three gun clubs as listed below for their information.

REPORT

During the past year, staff on several occasions have discussed the question of the future lease arrangements pertaining to the following organizations as it relates to the ongoing development of Barnet Marine Park (see attached sketch):

- (a) Burnaby Fish and Game Club
8242 Barnet Highway*
- (b) Coast Marksman Incorporated
8530 Barnet Highway*
- (c) Barnet Rifle Club
8550 Barnet Highway*

* Mailing addresses

...../2

ATTACHMENT "A"

These three gun clubs lease their sites from Simon Fraser University - an arrangement which is a result of the original conveyance of lands to the University from the Municipality in 1963. The primary concern of staff is that the strong noise impact the gun clubs have on the adjacent Barnet Marine Park is going to be an increasing problem as more and more people utilize this developing and popular major park facility. Given that the existing leases extend through to the end of 1980, it is felt opportune to express our concern and to determine whether there is some available means for the Municipality to have a more direct role in the assignment and management of land use over the subject lands.

In the preliminary discussions to date, the following alternatives have been discussed as a basis of a more formal approach from the Municipal Council to the University Board of Governors:

1. The University to reconvey the subject lands to the Municipality on a fee simple basis.

This proposal recognized the strong relationship of the gun club properties to the evolving Marine Park area and the severe topographical limitations in the immediate area which separates, now or potentially, a functional relationship of these lands to the operation of the University. Under this arrangement, these lands would revert back to the Municipality and form part of the marine park setting with the resolvment of the gun club lease situation becoming the sole responsibility of the Municipality. Planning and Parks Department staff are of the opinion that this proposal would provide the Municipality with the greatest degree of flexibility to administer the gun club leases in recognition of increasing public concern with the clubs and/or the success of relocation efforts or the development of a centralized acoustically designed indoor range.

2. The University to grant a long term lease for the subject lands to the Municipality at the expiration of the current leases.

This approach would enable the University to retain ownership of the lands in question in the long term, yet at the same time allow the Municipality the desired degree of land use control within the term of the lease with the University. The question of lease values would, of course, have to be the subject of negotiation with the University and likely be geared to a differential lease structure depending upon whether the gun clubs remain with revised lease conditions, vacate the site and relocate to an alternate location, or consolidate and share some form of indoor facility more compatible with the surrounding land use.

3. The University to provide agreement in principle that no long term lease extensions would be granted to the gun clubs beyond the existing leases terminating in 1980.


Under this alternative, the University would provide notice to the gun clubs of its policy position and indicate that the clubs should initiate relocation investigations in co-operation with Municipal and G.V.R.D. staff. Following the 1980 lease termination date, it would be stipulated that only a month-to-month rental arrangement would be provided for say, a maximum period of one year. This is regarded as the least effective approach inasmuch as it would not provide the Municipality with a direct and permanent assurance that incompatible uses on the subject sites are phased out as necessary and not re-introduced at some time in the future.

2 56
114
ITEM
MANAGER'S REPORT NO.
COUNCIL MEETING 1980 09 03

Preliminary discussions have been held between G.V.R.D. and Municipal staff to determine whether any alternate sites exist for the relocation of the gun clubs. The G.V.R.D. Parks Department have advised that there are no sites readily available but they would be prepared to assist the gun clubs in any relocation efforts.

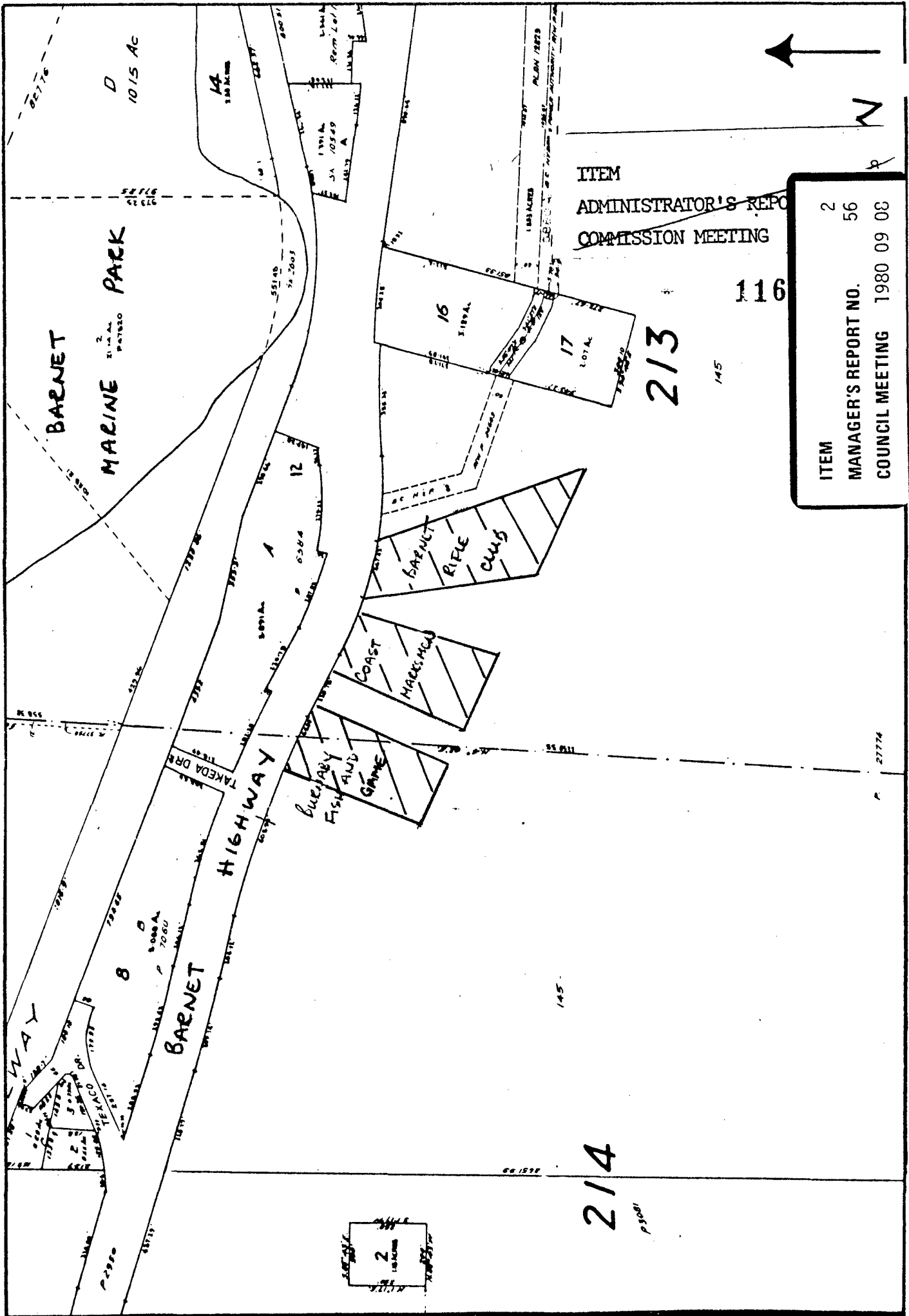
From the viewpoint of staff, the prime purpose in advancing this matter is to identify a potentially increasing problem over time between the operation of the gun clubs and the adjacent developing marine park and to seek Council direction as to the best course of action. In reviewing this matter, Parks and Planning staff are of the opinion that the Municipality should make a submission to the University Board of Governors based on Alternative 1. This submission would reflect the major capital investment made by the Municipality in the acquisition and development of the marine park, its permanency in the overall structure of the Municipality and the physical severance of the gun clubs properties from any functional tie with the University. In addition, it should be emphasized that the zoning on the properties is P3 (Park and Public Use) reflective of their location within the Burnaby Mountain Conservation Area. Also should be noted is the Regional zoning designation of PRK-1 (Established Park Areas) in the Official Regional Plan for these properties. As such, the gun club facilities are legally, non-conforming and any future development would be limited to park or public uses as outlined in the Municipal Zoning By-Law. Alternative 1 would give the Municipality the greatest and most permanent degree of control over the assignment and management of land use over these properties and as such would constitute the best position in commencing discussions with the University Board of Governors.

ITEM 2
MANAGER'S REPORT NO. 56
COUNCIL MEETING 1980 09 08


A. L. Parr
DIRECTOR OF PLANNING

JSB/sam
Attachment

cc: Parks and Recreation Administrator
Municipal Solicitor



116

213

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08


214

Date
1979 APR

Scale
1" = 400'

Drawn By

 Burnaby Planning Department

 GUN CLUB LOCATIONS
(APPROXIMATE)

ITEM 8
ADMINISTRATOR'S REPORT NO. 14
COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

MINUTES — COUNCIL MEETING OF 1977

FILE # 15 124 (6)

5. Gun Club Leases on Barnet Highway

The Municipal Manager provided a report from the Director of Planning on leases which three Gun Clubs have with Simon Fraser University for the use of properties on Barnet Highway.

The Municipal Manager recommended:

1. THAT staff be authorized to prepare and submit a brief to the Simon Fraser University Board of Governors requesting Municipal control of the subject Gun Club leases on the preferred basis of Alternative 1 as outlined in the Director of Planning's report.
2. THAT a copy of this report be forwarded to the three Gun Clubs as listed in the Director of Planning's report for their information.
3. THAT a copy of this report be sent to the Parks and Recreation Commission for information purposes.

MOVED BY ALDERMAN MERCIER:

SECONDED BY ALDERMAN AST:

"THAT Recommendation No. 1, aforementioned, be adopted."

CARRIED UNANIMOUSLY

MOVED BY ALDERMAN MERCIER:

SECONDED BY ALDERMAN AST:

"THAT Recommendation No. 2, aforementioned, be tabled."

CARRIED UNANIMOUSLY

MOVED BY ALDERMAN LAWSON:

SECONDED BY ALDERMAN GUNN:

"THAT Recommendation No. 3, aforementioned, be amended to read as follows:

'THAT a copy of this report and the Motions adopted by Council this evening be sent to the Parks and Recreation Commission for information purposes'."

CARRIED UNANIMOUSLY

ITEM

ADMINISTRATOR'S REPORT NO. 14

COMMISSION MEETING 80 09 03

ITEM 2
MANAGER'S REPORT NO. 56
COUNCIL MEETING 1980 09 08



OFFICE OF THE MAYOR

THOMAS W. CONSTABLE
MAYOR

BURNABY
BRITISH COLUMBIA
V5G 1M2

1979 June 13

Mr. Paul Cote,
Chairman,
Board of Governors,
Simon Fraser University,
Burnaby, B.C.

Dear Mr. Cote:

Subject: Gun Club Leases on Barnet Highway.

As the Board is aware, the Municipality of Burnaby is actively working towards the implementation of the Barnet Marine Park Master Plan.

Since 1973, the Municipality has expended approximately \$4,650,000. for property acquisitions in the park and has secured long term water lot leases from the National Harbours Board that will enable a landfill reclamation program extending some 915 metres (3,000 feet) along the waterfront to be commenced on a priority basis.

The Park is now in its second year of operation with attendance and popularity of the facility exceeding our initial expectations. It is anticipated that even greater use of the park, on year round basis, will occur as additional improvements to the park are made and the installation of automated signalized equipment and the construction of a proposed pedestrian underpass are undertaken. The latest facility under development in the park is a central fieldhouse being provided at a cost of approximately \$237,000.

An issue of growing concern relating to the development of the Barnet Marine Park involves those lands immediately south of Barnet Highway which accommodates the following organizations:

- (a) Burnaby Fish and Game Club;
- (b) Coast Marksmen Incorporated;
- (c) Barnet Rifle Club.

These three clubs lease their sites from the University, an arrangement which is a result of the original conveyance of lands to the University from the Municipality. Our particular concern with these properties relates to the strong noise impact the gun clubs have on the adjacent Barnet Marine Park.

(.....2)

ITEM 8
ADMINISTRATOR'S REPORT NO. 14
COMMISSION MEETING 80 09 03

ITEM 2
MANAGER'S REPORT NO. 56
COUNCIL MEETING 1980 09 08

Page 2 - Letter to Mr. Paul Cote from Mayor T. W. Constable
dated 1979 June 13

Even now with the modest park development to date, the Municipality is beginning to receive calls from members of the public complaining of the oppressive noise from the adjacent gun clubs. It is our opinion that this will become an increasing problem as more and more people utilize this developing major park facility. Given that the existing leases, presently administered by the University, extend through to the end of 1980, the Municipal Council, at its meeting of 1979 May 07, considered it opportune to express our concern for the Municipality to have a more direct role in the assignment and management of land use for the subject lands.

In view of the above, I would like to respectfully submit for the consideration of the Board, a request that the University reconvey to the Municipality, on a fee simple basis, those lands which presently accommodate the three gun clubs in question. This proposal recognizes the strong relationship of the gun club properties to the evolving Marine Park and the severe topographical limitations in the immediate area which separates these lands from the functional operation of the University. Under this arrangement, these lands would, by reversion back to the Municipality, form part of the marine park setting with the resolution of the gun club leases becoming the sole responsibility of the Municipality.

In addition, it should be mentioned that the properties are zoned P3 (Park and Public Use) which reflects their location within the Burnaby Mountain Conservation Area; and enjoy an Official Regional Plan designation of PRK-1 (Established Park Areas). The gun club facilities are therefore legally non-conforming, and any future development would be limited to park or public uses as outlined in the Municipal Zoning BY-law.

This submission by the Municipality reflects the major capital investment made by the Municipality in the acquisition and development of the marine park, its permanency in the overall structure of the Municipality, and the physical severance of the gun club properties from any functional tie with the University. Representatives of the Municipality will be pleased to provide any additional information relating to the development of the marine park, or to assist you with any other aspects pertaining to your considerations.

Yours truly,



Tom W. Constable,
MAYOR.

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

PLANNING DEPARTMENT
1979 OCTOBER 10

OUR FILE: 15.124(b)

120

TO: PARKS AND RECREATION ADMINISTRATOR ITEM 8
 FROM: DIRECTOR OF PLANNING ~~ADMINISTRATOR'S REPORT # 14~~
 SUBJECT: GUN CLUBS - BARNET HIGHWAY ~~COMMISSION MEETING 80 09 03~~

At the Parks and Recreation Commission meeting of 1979 October 03, the Chairman reported that during recent discussions, Simon Fraser University had indicated its agreement in principle to not renew the gun club leases on their property adjacent to Barnet Highway. There was a further indication that the University could be willing to enter into a long term lease agreement with the Municipality for the use of these properties. Towards this end, the Commission requested a report from the Planning Department indicating the Municipal need for the gun club lands.

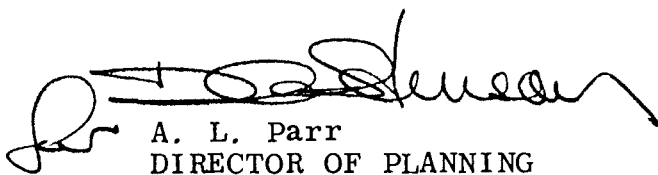
The basis for the approach to Simon Fraser University as outlined in the initial report to Council dated 1979 05 07 (see attached) was to determine whether there was some available means for the Municipality to have a direct role in the assignment and management of land use over the subject lands. This recognized the sizeable investment made by the Municipality in the adjacent Barnet Marine Park development and the growing concern that the strong noise impact the gun clubs have on the park is going to be an increasing problem as attendance at the park grows. The thrust of the submission was therefore to primarily gain administrative control of the lease rather than secure the lands involved for a specific Municipal use, per se.

As was outlined in our previous report on this matter, the subject lands are zoned P3 (Park and Public Use) reflective of their location within the Burnaby Mountain Conservation Area. Also to be noted is the Regional zoning designation of PRK-1 (Established Park Areas) in the Official Regional Plan for these properties. As such, the gun club facilities are legally, non-conforming and any future development would be limited to park or public uses as outlined in the Municipal Zoning By-Law.

If in fact the University has agreed to not renew the gun club leases beyond the end of 1980 and is prepared to lease the property to the Municipality on a long term basis, it would follow that any alternate use of the lands should be evaluated as to its compatibility with both the Conservation Area designation and the immediately adjacent Marine Park area.

The Mayor has submitted a brief to the S.F.U. Board of Governors requesting their favourable consideration of this matter but to this point is still awaiting a reply. A further report on this matter will be submitted to the Commission following the Mayor's negotiations with the Board of Governors.

This report is submitted for the information of the Commission.


 A. L. Parr
 DIRECTOR OF PLANNING

JSB/sam
Attachment

cc: Mayor T.W. Constable
Municipal Manager

ATTACHMENT "C"

ITEM

8

ADMINISTRATOR'S REPORT 14

COMMISSION MEETING 80 09 03

ITEM

2

MANAGER'S REPORT NO. 56

COUNCIL MEETING 1980 09 08

FRASER UNIVERSITY BURNABY, B.C. CANADA
OFFICE OF THE VICE PRESIDENT ADMINISTRATION

1980-06-13

Mr. Don Stenson,
Asst. Director of Planning,
The Corp. of the District of Burnaby,
4949 Canada Way,
Burnaby, B.C. V5G 1M2

Dear Don:

This is to confirm the discussion that we had at the first meeting of the Liaison Committee between the University and the Municipality.

It's our position, and I'm prepared to recommend this position to our Board of Governors, that the leases we now have with Gun Clubs on the Barnet Highway will be terminated no later than May 15, 1981. At the same time however, in response to a previous letter by Tom Constable, the former Mayor of Burnaby, I don't consider it in the University's interests at this time to deed the land to the Municipality of Burnaby.

There seemed to be agreement at the Liaison Committee meeting that this was a reasonable course of action which will be helpful to the Municipality; ensuring quiet pleasure to those people who use the Barnet Highway and, as well, preserve the park-like structure that's being planned.

As indicated to you, I'll be away for three weeks. Mr. Ross, our Bursar, is prepared to make a recommendation regarding the leases to our Board of Governors after he's received an indication from you in this regard.

Yours sincerely,

George Stuart,
Vice-President Administration.

GS:mj

cc: Mel Shelley
J.P. Daem
Don Ross
Bill De Vries



ATTACHMENT "D"

121

ITEM

8

ADMINISTRATOR'S REPORT NO. 14

COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

122

1980 June 24

Mr. Don Ross
Bursar
Simon Fraser University
BURNABY, British Columbia
V5A 1S6

Dear Mr. Ross:


Re: Gun Club Leases on Barnet Highway

In a letter dated 1980 June 13 to this Department, Mr. Suart indicated that the administration was prepared to recommend to the Board of Governors that the leases with the gun clubs on the Barnet Highway be terminated no later than 1981 May 15. It was Mr. Suart's belief that this was a reasonable course of action which would help ensure the quiet enjoyment of the rapidly developing Barnet Marine Park. It was indicated, however, that staff at the University did not consider it to be in the University's interests at that time to deed the subject lands to the Municipality as had been proposed in a submission forwarded by the former Mayor T.W. Constable.

It would be appreciated if you could arrange for this matter to be placed before the Board of Governors in order to obtain concurrence with the recommended course of action as proposed by Mr. Suart. Following the Board's approval of the proposal to terminate the leases by 1981 May 15, I will arrange for this subject to be brought back to the Municipal Council to ensure that this action would be in keeping with the intent of its original proposal as forwarded to the Board by Mayor Constable on 1979 June 13.

Thank you for your assistance in this matter.

Yours truly,


A. L. Parr
Director of Planning

JSB:lf

bcc: Municipal Manager

Parks and Recreation Administrator

ATTACHMENT "D"



ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

ITEM	8
ADMINISTRATOR'S REPORT NO.	14
COMMISSION MEETING	80 09 03

INTER-OFFICE COMMUNICATION

Supt. N.I. Fuchs
 TO: O.i/c, Burnaby Detachment DEPARTMENT: R.C.M.P. DATE: 80 07 30
 FROM: Director of Planning DEPARTMENT: OUR FILE # 10.126
 SUBJECT: OUTDOOR RIFLE AND REVOLVER RANGES, BARNET HIGHWAY YOUR FILE #

With reference to your memorandum dated 1980 07 18 concerning the possible termination of the gun club leases on Barnet Highway, I have enclosed a copy of a report considered by Council on 1979 05 07 that dealt with that subject.

Council approved the recommendation as contained in the report and subsequently on 1979 June 13 the Mayor (T. Constable) wrote the Simon Fraser University Board of Governors requesting the reconveyance of the subject lands to the Municipality. The submission recognized the sizeable investment made by the Municipality in the adjacent Barnet Marine Park development and the growing concern that the strong noise impact the gun clubs have on the park is going to be an increasing problem as attendance at the park grows. The thrust of the submission was to primarily gain administrative control of the lease rather than secure the lands involved for a specific Municipal purpose, per se.

The University and the Municipality are currently reviewing the various alternatives presented. As you are aware, the Municipal Council also raised some questions concerning the possible noise impact differences between the small bore and large bore facilities at the gun clubs. Ms Lynds of the Parks Department will be discussing this aspect with you on 1980 July 31. Following clarification of these questions, it is intended that this subject will be brought back to the Municipal Council to ensure that the resultant recommendations would be in keeping with the intent of its original proposal as forwarded to the Board by Mayor Constable.

Should you require further particulars in this regard, please do not hesitate to contact Mr. J. Belhouse of this Department (294-7431).

A. L. Parr
 A. L. PARR
 DIRECTOR OF PLANNING

3 JSB:lf

cc: Municipal Manager
 Parks & Recreation Administrator

ATTACHMENT "E"

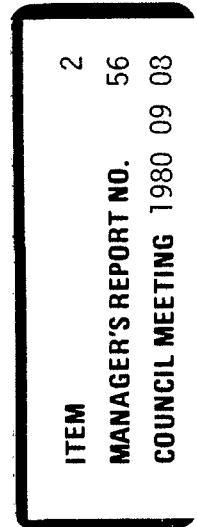
RE: BARNET HIGHWAY OUTDOOR RIFLE AND REVOLVER RANGES

RECOMMENDATIONS:

Attachment 'B'

124

1. THAT staff pursue in cooperation with the gun clubs an alternate site for the ranges.
2. THAT a compatible shooting schedule be negotiated with the clubs in the interim to reduce the noise impact on Barnet Marine Park.
3. THAT a Committee be struck between the Commission and gun club representatives to investigate the feasibility of the construction of an indoor range to replace the existing ranges.
4. THAT the Commission recommend to Council that Simon Fraser University provide a renewable one year lease to the Rifle and Revolver clubs.
5. THAT the Commission recommend the above to Council.



REPORT

The compatibility of the Barnet Highway Rifle and Revolver Ranges with Barnet Marine Park has been of concern since the planning stages of the Marine Park.

The present and future impact of the "ranges" on the park has been assessed by the Parks & Recreation Department, Planning Department and Environmental Health staff.

The steps taken to date are outlined in a report to the Parks & Recreation Administrator from the Director of Planning. This report, dated 1980 August 27, is included in the Commission's September 03 agenda.

The Planning Director suggests alternatives to the present location and use patterns of the ranges should be pursued to ensure the optimum potential of this major community park.

As requested by Council, a noise level emission test was made by Environmental Health.

The purpose of the tests were to:

- "1. Determine whether or not the rifle ranges are operating within the permissible noise levels contained in the Burnaby Noise or Sound Abatement By-law 1979, No. 7332;
2. Determine the difference between small bore and large bore weapons for noise emission;
3. Monitor the impact of noise emission at Barnet Beach Marine Park caused by weapons at the rifle ranges."

There are three ranges in question:

- Burnaby Fish & Game Club Rifle Range
8242 Barnet Highway
- Barnet Rifle Club
8550 Barnet Highway
- Coast Marksmen Inc.
8530 Barnet Highway

Noise level tests were made from each range with a variety of rifles and revolvers commonly used at these sites.

The detailed results of the noise level tests are contained in the attached report. The conclusions of which are "With the exception of the .308 calibre rifle, which was marginally over the required noise standards, the Burnaby Mountain Rifle Ranges noise level emissions were within the non-continuous noise standard contained in the Burnaby Noise or Sound Abatement By-law 1979, No. 7332.

It was also found that there was "no appreciable difference in noise emission levels at the park site between small and large bore weapons".

Although, with the exception of one rifle, the noise levels are within acceptable legal levels the sounds remain as a conflicting element in the park environment

The normal sounds of passing boats, trains and automobiles are unavoidable and more readily accepted by the public. The addition of irregular, frequently loud bursts of gun fire strongly detracts from the otherwise relaxing natural environment of the park. Although this a a subjective statement it does reflect the feelings of most persons who use parks.

To arrive at the best solution to the situation the value and benefits of the "ranges" must be realized. These three ranges provide a very valuable service to the community in the form of educational programs on gun handling and safety; and opportunities for a large number of recreational shooters including competitive shooting (an Olympic sport).

As outlined in the various letters from the clubs there are over 11,000 public users and over 900 club members using these facilities. Various groups such as schools, churches, scouts, police and R.C.M.P. are frequent users.

The obvious public interest in gun clubs warrants a positive solution to the situation. The elimination of the ranges would not be in the best interest of the public and their recreational life styles.

The recommended approach to determine a positive solution is to meet with the clubs and analyze the various viable alternatives.

To provide adequate time to negotiate an amicable solution it is recommended that Council request Simon Fraser University to renew the Rifle and Revolver Clubs leases on a renewable one year basis.

The first option would be to find an alternate, suitable location within the immediate lower mainland area.

The second recommended option would be to construct a permanent indoor range that would replace the existing ranges.

The third option would be to control the shooting activities during key park use times, e.g. primarily May to September.

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

ND:cw

Attach.

ITEM	9
ADMINISTRATOR'S REPORT NO.	14
COMMISSION MEETING	80 09 03

ITEM

ADMINISTRATOR'S REPORT NO. 14

COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08



INTER-OFFICE COMMUNICATION

126

TO: ADMINISTRATOR

DEPARTMENT: PARKS & RECREATION

DATE: 1980 Aug. 27

FROM: CHIEF PUBLIC HEALTH INSPECTOR

DEPARTMENT: ENVIRONMENTAL HEALTH

OUR FILE # 17-8-80

SUBJECT: RIFLE RANGES LOCATED ON BURNABY MOUNTAIN

YOUR FILE #

1264

Further to your recent request for noise level emission tests at rifle ranges located on Burnaby Mountain, we would advise as follows:

Noise monitoring stations were set at the north property line of the ranges and within the Barnet Beach Marine Park for each series of tests.

The objectives of the noise level tests were to:

- (1) Determine whether or not the rifle ranges are operating within the permissible noise levels contained in the Burnaby Noise or Sound Abatement By-law 1979, No. 7332;
- (2) Determine the difference between small bore and large bore weapons for noise emission;
- (3) Monitor the impact of noise emission at Barnet Beach Marine Park caused by weapons at the rifle ranges.

Noise emission from the rifle ranges is classified as impulsive or non-continuous noise, i.e. any noise continuing for a period or periods totalling less than three minutes in any fifteen minute period of time.

The pertinent section of the Burnaby Noise or Sound Abatement By-law 1979, No. 7332, which applies to noise emitted from the rifle ranges is Section 7.

"Section 7: No person shall between the hours of 7:00 o'clock in the forenoon and 10:00 o'clock in the afternoon make or cause non-continuous noise or non-continuous sound in the Municipality, the noise or sound level of which exceeds 80 dBA's."

NOTE: A 3 dBA instrumentation error adjustment is applied to all standards contained in the Noise By-law. For enforcement purposes, the non-continuous daytime noise standard is 83 dBA (80 dBA and 3 dBA instrumentation error factor).

TEST "A" - Burnaby Fish & Game Club Rifle Range, 8242 Barnet Highway

Date of Test: 1980 August 21
Time: 15:00 h to 16:00 h

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NOTE: All ammunition was standard factory load.

AUG 27 1980

To	Initial	Date

ITEM

ADMINISTRATOR'S REPORT NO. 14

COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

- 2 -

TEST "A" - Cont.

Station 1 - North property line of range.

<u>Weapon Tested</u>	<u>dBA Noise Emission at Range Property Line</u>					
a) .22 calibre rifle	Test 1	76.5	Test 2	--	Test 3	--
b) 12 gauge shotgun		75		77		--
c) 30-30		77		73		--
d) .222 Varminter		78		--		--
e) .3006		81.5		82		81.5

Station 2 - Barnet Beach Marine Park

Average ambient or background noise emission level - 48-52 dBA.

Noise level emission during weapon firing - 61-64 dBA.

Comment:

All weapons produced a noise emission level within the requirements of the Burnaby Noise or Sound Abatement By-law. Ambient or background noise levels at the Barnet Beach Marine Park were increased to a maximum of 64 dBA during weapon discharge.

TEST "B" - Barnet Rifle Club, 8550 Barnet Highway

Date of test: 1980 August 22
Time: 15:10 h to 15:30 h

NOTE: All ammunition was standard load with the exception of the M-16, which uses high-velocity load.

Station 1 - North property line of range.

<u>Weapon Tested</u>	<u>Noise Emission at Range Property Line</u>
a) M16 Assault .223 calibre	16 shot average - 81.5 dBA
b) .308 calibre	83 - 84.5 dBA
c) 12 gauge shot gun	10 shot average - 82 dBA

ITEM

ADMINISTRATOR'S REPORT 14

COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

128

- 3 -

TEST "B" - Cont.

Station 2 - Barnet Beach Marine Park

Average ambient or background noise level - 55-57 dBA.

Noise level emission during weapon firing - 60-65 dBA.

Comment:

The .308 was 1.5 dBA over the 80 dBA and 3 dBA instrumentation error standard. Ambient or background noise levels at the Barnet Beach Marine Park were increased to a maximum noise level of 65 dBA during weapon discharge.

TEST "C" - Coast Marksmen Inc., 8530 Barnet Highway

Date of test: 1980 August 24
 Time: 10:45 h - 11:00 h

NOTE: All ammunition is generally target loaded.
All readings were five (5) shot averages.

Station 1 - North property line of range.

<u>Weapon Tested</u>	<u>Noise Emission Level at Property Line</u>
a) .22 calibre revolver	66.5 dBA
b) .32 calibre semi-automatic	70.5 dBA single shot 78. dBA rapid fire - five (5) shots
c) .38 calibre (9 mm) pistol	70.5 dBA
d) .45 calibre pistol	71. dBA

Station 2 - Barnet Beach Marine Park

Average ambient or background noise level - 56 dBA

Noise level emission during weapon firing - 56-62 dBA

Comment:

All weapons produced a noise emission level within the requirements of the Burnaby Noise or Sound Abatement By-law, 1979, #7332. Ambient or background noise levels at the Barnet Beach Marine Park were increased to a maximum noise level of 62 dBA during weapon discharge.

ITEM

ADMINISTRATOR'S REPORT : 14

COMMISSION MEETING 80 09 03

ITEM	2
MANAGER'S REPORT NO.	56
COUNCIL MEETING	1980 09 08

-4 -

CONCLUSION

With the exception of the .308 calibre rifle, which was marginally over the required noise standards, the Burnaby Mountain Rifle Ranges noise level emissions were within the non-continuous noise standard contained in the Burnaby Noise or Sound Abatement By-law 1979, #7332.

The Barnet Beach Marine Park was subject to an increase in background noise levels during weapon firing from 56 dBA to 65 dBA. The maximum increase in the park site background noise was recorded during discharge of large bore weapons, namely M-16, .3006, 12 gauge shotgun, Varminter .222, 30-30, and .308. However, the difference between the small bore .22 and the .308 large bore measured at the parksite was only 3 dBA. It would appear that there is no appreciable difference in noise emission levels at the park site between small and large bore weapons.

Other extraneous noise sources were also noted as causing an increase in the park site background noise level, i.e. planes, vehicular traffic on Barnet Highway, marine traffic and trains. For example, the recorded noise level emission of a freight train caused an increase in the Barnet Beach Marine Park's background noise level to an average level of 80 dBA for seventy-nine (79) seconds.

We would point out that the noise levels recorded were a result of simulated range use. In order to definitely determine whether the ranges were operating in compliance with the Burnaby Noise or Sound Abatement By-law 1979, #7332, testing would have to be conducted during actual range use and at various times of the year.

G.V. Harvie.

G.V. Harvie, C.P.H.I. (C)
CHIEF PUBLIC HEALTH INSPECTOR

GVH:1a

