

POLICY STATEMENT

It is the policy of the Department of Military Affairs to continue to cooperate with the Department of Natural Resources in the protection of the Kirtland's Warbler.

CONCLUSION

The Department of Military Affairs can train National Guardsmen in the contested area without endangering the Kirtland's Warbler.

RECOMMENDATIONS

The Kirtland's Warbler area in sections 8, 9, 15, 16, and 17 be fenced by the Department of Natural Resources and protected by firebreaks until such time as the habitat is no longer sought by the Kirtland's Warbler.

The Department of Natural Resources continue the development of desirable Kirtland's Warbler habitat outside the Camp Grayling training area.

The terrain outside the designated Kirtland's Warbler habitat be managed by vegetation control to insure that these birds are not attracted to areas where they might not be protected.

INTRODUCTION

1. PRESENTATION

Ms. Chairman, members of the Commission I would like to present the views of the DMA regarding the KW's situation near the tank and helicopter gunnery range at Camp Grayling. The DMA has been protecting the KW for many years before the bird became so topical. We have been working closely with the Department of Natural Resources for some time now on the KW situation and we can accomplish our mission of training our Guardsmen in the nearby areas without endangering the KW.

POLICY STATEMENT

2. POLICY

It is the policy of the DMA to continue to cooperate with the DNR in the protection of the KW.

MISSIONS OF THE NATIONAL GUARD

FEDERAL:

3. MISSION

To provide properly trained and equipped units for prompt mobilization in the event of national emergency or war.

STATE:

To provide disaster relief in the event of natural calamity.

To maintain public peace and order.

Civil defense pre-attack planning.

4. MI MAP

MISSION -- To be able to accomplish these federal and state missions, Michigan Guardsmen must be competent in various weapons systems. What concerns us here today is how DMA can train its tank and helicopter crews to become proficient in tank and gunship gunnery without harassing or endangering the

5. CG MAP

KW. The area we are concerned with is on the Camp Grayling Reservation in Crawford County, northeast of Grayling.

6. PRE 1975 KW MAP

This is the general KW restricted area prior to 1975 in what we call the Range 30 complex. The DMA has been cooperating with the DNR in the protection of the KW ever since the problem was identified.

This cooperation involved first identifying the KW nesting area and then insuring that National Guardsmen stayed out of it. The area is marked as restricted

KW SIGN MOVIE

on our training map and units training in the area are instructed to stay out. In cooperation with the DNR, the National Guard assisted in making signs for the original KW restricted area and then posting the area. Prior to 1974 we were able to avoid this area by scheduling large units into Camp Grayling after 15 July, the original closure date. The restricted period was extended to 15 August and the protected habitat increased from about two sections to six near the Range 30 complex. Although it caused serious

8. 1977 KW MAP

This is what DNR sees as the KW area for 1977 and 1978. There are estimated to be only three nesting pairs of KW in sections 15, 16, and 17. These are expected to migrate out by 1978 because of maturing habitat. This is what is expected to be KW area in 1978. We can and will adjust our training schedules to accommodate this.

10. TANK SIGN

Prior to this year, our common tank in use at Camp Grayling was the M48A1 armed with the 90mm tank gun. This gun is fired only with solid projectiles. High explosive rounds are not used with this weapon. This slide shows the safety fan, not the impact area, of the 90mm tank gun on the 1976 KW area.

11. M48A1 SHOOTING

12. M48A1, A5 AREA

Let me emphasize that the impact area, the place where the rounds land, is in this area. (pointer)

13. 90mm FAN
1976 KW MAP

This year, we have acquired 95 new tanks to replace the M48A1. These are the M60A1 and the M48A5.

14. M60A1

These tanks are armed with the 105mm tank gun instead of the 90mm. The 105mm tank gun projectile is slower and heavier than that of the 90mm, thus it has a shorter safety fan. High explosive rounds are not used with either weapon. The only round used with the 105mm gun at Grayling is a solid shot round that does not explode on impact.

15. M48A5 ON
FLAT CAR

16. 105mm FAN
77-78 KW MAP
17. UH-1M
LEFT REAR 1/4
18. UH-1M, REAR
SHOWING PODS
19. HUEY SHOOTING
20. RANGE FAN
77-78 KW MAP

On this same range complex we use a UH-1M, commonly referred to as a Huey gunship. This aircraft is armed with a 40mm grenade launcher, a 7.62mm minigun and the 2.75 in folding fin rockets. There are only six of these gunships in the state yet we must maintain crew proficiency in firing these weapons. We have reduced the length of the Huey gunship range by 500 meters. This pulls it further out of the 1977 KW area and by 1978, is almost completely out of the KW area.

21. RANGE FAN
1978 KW MAP

22. FIRE SHOT

23. FIRE BUCKET

- HELICOPTER MOVIE

With the impact area for both tank guns and helicopter weapons three miles southwest of the KW area, the danger is really not ricochet rounds but fires started by these weapons. Fires can get out of control because the fire fighting equipment has not always been readily available. This year we have developed and tested a helicopter fire suppression system to control any fires started when the ranges are in use. This system is a 200 gallon water bucket and a helicopter. With Kyle and Frog Lakes so close, we can pick up water and extinguish a fire very quickly. This fire suppression system will be on hand any time we use the Range 30 complex and there is a fire danger.

CONCLUSION

24. CONCLUSION

Ms. Chairman and Gentlemen, we conclude that the

DMA can train National Guardsmen in the contacted

25. REC ONE * THE DEPARTMENT OF MILITARY AFFAIRS
RECOMMENDS THAT:
26. FENCE MAP The KW area in sections 8, 9, 15, 16, 17 be
fenced by DNR and protected by firebreaks until
such time as the habitat is no longer sought by
the KW.
27. REC TWO We further recommend that the DNR continue the
development of desirable KW habitat outside the
Camp Grayling training area.
28. REC THREE " And finally, the terrain within the Camp Grayling
complex, outside the designated KW habitat, be
managed by vegetation control to insure that these
birds are not attracted to areas where they might
not be protected.
29. MINUTEMAN
30. SECTION MAP

SLIDE ORDER: KW BRIEFING

1. PRESENTED BY THE MI NG
2. POLICY STATEMENT
3. FEDERAL STATE MISSION
4. MICHIGAN MAP
5. CAMP GRAYLING MAP
6. PRE 1975 KW MAP

MOVIE OF COL RUTKOWSKI, MAP OF KW AND GUARDSMAN PUTTING
UP RESTRICTED SIGNS.

7. 1975-76 KW MAP
 8. 1977 KW MAP
 9. 1978 KW MAP
 10. TANK SIGN
 11. M48A1 SHOOTING
 12. M48A1'S IN A5 AREA
 13. 90mm FAN, 1976 KW MAP
 14. M60A1
 15. M48A5 ON FLAT CAR
 16. 105mm FAN, 1977-78 KW MAP
 17. UH-1M LEFT REAR 1/4
 18. UH-1M REAR SHOWING PODS
 19. HUEY SHOOTING
 20. HUEY RANGE FAN ON 1977-78 KW MAP
 21. HUEY RANGE FAN ON 1978 KW MAP
 22. FIRE SHOT
 23. FIRE BUCKET
- MOVIE OF UH-1H FILLING, LIFTING AND DUMPING

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1. The first part of the document is a list of names.

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1. The first part of the document discusses the importance of maintaining accurate records of all transactions. This is essential for ensuring the integrity of the financial statements and for providing a clear audit trail.

2. The second part of the document outlines the various methods used to collect and analyze data. These methods include direct observation, interviews, and the use of specialized software tools.

3. The third part of the document describes the results of the data collection and analysis. It shows that there are significant differences between the reported and actual values in several key areas.

4. The fourth part of the document discusses the implications of these findings and provides recommendations for improving the accuracy of the financial reporting process.

5. The fifth part of the document concludes the report and summarizes the main findings and recommendations.