



NORTH BAY POLICE SERVICE

2010 Annual Report Forensic Identification

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A. Mandate of the Unit

1. To provide forensic identification support to all sections of the North Bay Police Service.
2. To work in co-operation with other government agencies that aid in investigations with the North Bay Police Service, which include the Ontario Coroner's Office, the Ontario Fire Marshal, and the Center of Forensic Sciences and the National DNA Data Bank.
3. This section endeavours to progress with on-going technical training and improved equipment to maintain a constant and reliable level of forensic expertise in accordance with provincial standards and the integrity of the North Bay Police Service.

B. Executive Summary

The Forensic Identification Unit (FIU) uses advanced techniques and equipment to provide scene analysis as well as evidence collection and preservation to support investigating members of the North Bay Police Service.

To assist investigators with improved day to day coverage, an afternoon shift has been adopted by the FIU in 2010. The extended hours allow for extended forensic service with no increase in cost.

Over the last twelve (12) months there has been no significant change in the types of occurrences to which the Forensic Identification Unit responds. The total amount of sudden deaths responded to by the Forensics Unit rose in 2010 (see Appendix A). However; the increase can be attributed to the added afternoon shift, allowing forensic members to respond to more of these occurrences.

The number of serious assaults that the unit was called upon to investigate was down from 2009. This is the second year in a row that this area of investigation has declined for the FIU.

The overall number of calls responded to by the Unit in 2010 was approximately the same as in 2009. However, the last two years of calls responded to rose significantly when compared to 2007 and 2008.

C. Activities

The number of persons fingerprinted for criminal purposes was down slightly from 2009.

The number of persons fingerprinted for non-criminal purposes was also down despite a large increase in the later months. The rise at year's end can be attributed to an RCMP

request for volunteer, private industry and government background applications to be accompanied with a set of fingerprints to confirm identity.

There was a marked decrease in the number of photo line ups used by investigators in 2010. A new procedure was adopted by the North Bay Police Service in 2010 for using photo line ups. The procedure is extensive and ensures that this investigative tool is used accordingly.

Crime scene fingerprints found and developed by North Bay Forensic Identification Officers continue to be sent to the RCMP Latent Search Division. This has resulted in an increase in solved crimes for a second straight year, particularly when there were no initial suspects.

The purchase of a forensic lighting system in 2009 and a new fuming chamber in 2010 has contributed to the number of fingerprints that are able to be searched by the RMCP.

The number of Convicted Offender DNA Samples sent for up load to the National DNA Data Bank rose for 2010.

As part of a sentence, DNA can be ordered from an offender. Crime scene DNA samples that are found and collected by North Bay Forensic Identification Officers are sent to the DNA Data Bank which routinely yields a match to a known offender.

The number of scenes photographed by uniformed constables appears to have decreased in 2010. The availability of North Bay Forensic Identification Officers, even for minor scenes, has increased due to the extended hours of the afternoon shift.

D. Performance Indicators

There is a provincial mandate that requires all Forensic Identification Officers serving with Ontario Police Services be accredited by the Ontario Police College by 2011. Both members of the North Bay Police Service Forensic Unit have received their provincial accreditation in 2010. Data outlining the content of this report can be seen in appendix A.

E. Anticipated Issues for the Future

Budgetary consideration is being given to advanced footwear development equipment for 2011. Combined with training received in 2010, more footwear impressions can be found at crime scenes, analyzed and subsequently used as court evidence.

F. Performance Objectives for the Next Year

It is the obligation of the North Bay Police Service Forensic Unit members to continue to maintain a high level of expertise with up-to-date techniques and education. Training provided by the Ontario Police College is intended for all members of the unit for 2011.

In addition, the attendance of forensic seminars and forums are planned for the upcoming year.

G. Other

N/A

H. Appendices

See Appendix A

Appendix A

Year	2008	2009	2010
Calls for Service	186	356	327
Sudden Deaths	31	39	47
Sexual Assaults	Not tracked	11	3
Persons Fingerprinted-Criminal	1006	1277	1175
Persons Fingerprinted-Non Criminal	183	186	114
DNA Data Bank Samples	97	131	138
DNA Consent Samples	Not tracked	Not tracked	Not tracked
Photo Line Ups	Not tracked	30	11
Fingerprints Charts-Court Reports	0	2	0
Centre of Forensic Science Submissions	40	38	41