MARK S. SWANN METROPOLITAN AUDITOR





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Metropolitan Nashville Audit Committee:

## Audit of Information Technology Services' Certificate Service

Hamilton-Ryker Federal was retained in late 2011 by the Metropolitan Nashville Office of Internal Audit to perform an audit of certificate services managed by the Metropolitan Nashville Information Technology Services Department. Certificate services are essential in helping to establish trust within our digital world. Certificates are used to identify individual computer users, devices, internet sites and helps with providing secure encrypted computer communications. This audit was conducted because certificate services role in the fabric of information security is essential and its role will likely expand as technology continues to evolve.

Information Technology Services is beginning the process of addressing the recommendations where action is applicable to improve policy, procedures and implementation of certificate services.

Information Technology Services provides direct support to the Metropolitan Nashville Police Department and in doing so must adhere to the security requirements placed on the Metropolitan Nashville Police Department by the Tennessee Bureau of Investigation and the Federal Bureau of Investigation. These requirements include restricting the distribution of information detailing the underlying Metropolitan Nashville technology infrastructure and supporting system security services.

Due to the sensitive information included in this report, which could detail vulnerabilities, weaknesses, and possible threats to Metropolitan Nashville's information technology services, the distribution for this report was limited to management of Information Technology Services. This exemption is granted by Tennessee Code Annotated § 10-7-504 (i) (1) "Information that would allow a person to obtain unauthorized access to confidential information or to government property shall be maintained as confidential."

If you have any additional questions, please contact me at (615) 862-6158.

Sincerely,

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Mark S. Swann