



Final Audit Follow-Up

Period Ending March 31, 2020

Report #2007 | July 30, 2020

Audit of Cybersecurity Controls

SUMMARY FROM ORIGINAL REPORT #1718

This audit was conducted to evaluate the adequacy of cybersecurity controls established by the City to reduce the risk of data loss and corruption resulting from certain types of cyberattacks. Our specific audit objectives were to determine if: (1) reasonable controls had been implemented to address the City's exposure to threats launched by malicious parties through the City's email system; (2) determine if the City was adequately managing and monitoring third party access to the City's network to help preclude those parties from unauthorized uses or manipulation of City data; and (3) reasonable controls have been implemented to address the City's exposure to threats launched by malicious parties through the City's primary website.

Our audit showed overall, the City has reasonable and adequate cybersecurity measures in place to reduce the City's exposure to the selected cyber security threats. However, as part of the audit we noted areas where enhancements should be made to strengthen the existing cyber security controls of the City's information technology resources.

SUMMARY OF ACTION PLAN

In this follow-up we are providing an update on management's efforts to address the one action plan step not previously completed or otherwise resolved by management. A total of 14 action plan steps were established by management in response to our audit recommendations in audit report #1718. Of those 14 action plan steps, 13 steps were completed or otherwise resolved in follow-up report #1902. The final action plan step is being addressed as part of this second and final follow-up on audit report #1718.

As noted above, there was one action plan step due for completion this follow-up period. That step, originally planned to be completed by 9/30/2018, related to strengthening user authentication controls for City information technology resources. Our review showed management made appropriate changes to the controls related to user authentication. Accordingly, we consider this action plan step to be complete. To help ensure the security of the City's information technology (IT) systems, we omitted certain details from this audit follow-up report as provided for in Florida Statutes, Section 281.301. A detailed audit report on our assessment of the status of the action plan step due for completion this follow-up period has been provided to management for their review and consideration. We commend management for their actions taken to strengthen the City's existing cybersecurity controls.

APPOINTED OFFICIAL'S RESPONSE

We are pleased to see that the follow-up audit of Cybersecurity shows that substantial progress has been made to the cybersecurity controls for the City. The results indicated that the Technology and Innovation department has completed all action plan steps and continues to execute a strategic cybersecurity plan for the protection of the City and citizen's data. Our mission is to continue to provide a high quality of security while maintaining continuous improvement to our existing infrastructure, and this audit and responsiveness to its findings help to achieve that mission. We want to thank the audit team for the professional analysis and detailed process that was utilized. We appreciate the Technology and Innovation Infrastructure staff for its commitment to providing the best possible cybersecurity measures possible for the City and its residents.

STATEMENT OF ACCORDANCE

The Office of the City Auditor's mission is to provide the City Commission an independent, objective, and comprehensive auditing program of City operations; to advance accountability through the provision of assurance and advisory services; and to actively work with Appointed Officials in identifying risks, evaluating controls, and making recommendations that promote economical, efficient, and effective delivery of City services.

We conducted this audit follow-up in accordance with the International Standards for the Professional Practice of Internal Auditing and Generally Accepted Government Auditing Standards. Those standards require that we plan and perform the audit follow-up to obtain sufficient, appropriate evidence to provide a reasonable basis for our findings and conclusions based on our objectives. We believe the evidence obtained provides a reasonable basis for our conclusions based on our audit objectives.

Please address inquiries regarding this report to the Office of the City Auditor at (850) 891-8397.

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