TOWN OF SAUGUS, MASSACHUSETTS

MANAGEMENT LETTER

FISCAL YEAR ENDED JUNE 30, 2018

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To the Honorable Board of Selectmen
Town of Saugus, Massachusetts:

In planning and performing our audit of the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the Town of Saugus, Massachusetts as of and for the fiscal year ended June 30, 2018, in accordance with auditing standards generally accepted in the United States of America, we considered the Town of Saugus, Massachusetts' internal control over financial reporting (internal control) as a basis for designing our auditing procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Town's internal control. Accordingly, we do not express an opinion on the effectiveness of the Town's internal control.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and, therefore, material weaknesses or significant deficiencies may exist that were not identified.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent or detect and correct misstatements on a timely basis. A material weakness is a deficiency or a combination of deficiencies in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected, on a timely basis. We did not identify any deficiencies in internal control that we consider to be material weaknesses.

However, during our audit we became aware of several matters that represent opportunities for strengthening internal controls and operating efficiency. The memorandum that accompanies this letter summarizes our comments and suggestions concerning those matters.

The Town's written responses to the comments identified in our audit have not been subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on them.

We will review the status of these comments during our next audit engagement. We have already discussed these comments and suggestions with various Town personnel, and will be pleased to discuss them in further detail at your convenience, to perform any additional study of these matters, or to assist you in implementing the recommendations.

This communication is intended solely for the information and use of management of the Town of Saugus, Massachusetts, and is not intended to be and should not be used by anyone other than these specified parties.

Powers & Sullivan, LLC

January 11, 2019

TOWN OF SAUGUS, MASSACHUSETTS

MANAGEMENT LETTER

JUNE 30, 2018

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COMMENTS

DOCUMENTATION OF INTERNAL CONTROLS

Comment

In December 2013, the U.S. Office of Management and Budget (OMB) issued *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance) in an effort to (1) streamline guidance for federal awards while easing the administrative burden and (2) to strengthen oversight over the expenditure of federal funds and to reduce the risks of waste, fraud and abuse.

The Uniform Guidance supersedes and streamlines requirements from eight different federal grant circulars (including OMB Circular A-133) into one set of guidance. Local governments are required to implement the new administrative requirements and cost principles for all new federal awards and to additional funding to existing awards made after December 26, 2014 (fiscal year 2016).

In conformance with Uniform Guidance, the non-Federal entity must: (a) Establish and maintain effective internal control over the Federal award that provides reasonable assurance that the non-Federal entity is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the Federal award. These internal controls should be in compliance with guidance in ''Standards for Internal Control in the Federal Government'' issued by the Comptroller General of the United States (the Green Book) and the ''Internal Control Integrated Framework'', issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

The COSO internal control framework is generally accepted as a best practice within the industry including the best practices prescribed by the Government Finance Officers Association (GFOA). COSO is a joint initiative of 5 private sector organizations dedicated to providing thought leadership through the development of frameworks and guidance on enterprise risk management, internal control and fraud deterrence. The original COSO framework was published in 1992 and has been revised several times for changes in operations, technology, and audit risk. The most recent updates to the COSO Internal Control - Integrated Framework were issued in 2013 and are available at www.coso.org.

Management is responsible for internal control and to see that the entity is doing what needs to be done to meet its objectives. Governments have limited resources and constraints on how much can be spent on designing, implementing, and conducting systems of internal control. The COSO Framework can help management consider alternative approaches and decide what action it needs to take to meet its objectives. Depending on circumstances, these approaches and decisions can contribute to efficiencies in the design, implementation, and conduct of internal control. With the COSO Framework, management can more successfully diagnose issues and assert effectiveness regarding their internal controls and, for external financial reporting, help avoid material weaknesses or significant deficiencies.

The COSO internal control framework incorporates 5 major components of internal control, which are supported by 17 principles of internal control as follows:

1. CONTROL ENVIRONMENT

    1) Demonstrates commitment to integrity and ethical values

    2) Exercises oversight responsibility

    3) Establishes structure, authority, and responsibility

    4) Demonstrates commitment to competence

    5) Enforces accountability

2. RISK ASSESSMENT

    6) Specifies suitable objectives

    7) Identifies and analyzes risk

    8) Assesses fraud risk

    9) Identifies and analyzes significant change

3. CONTROL ACTIVITIES

    10) Selects and develops control activities

    11) Selects and develops general controls over technology

    12) Deploys through policies and procedures

4. INFORMATION & COMMUNICATION

    13) Uses relevant information

    14) Communicates internally

    15) Communicates externally

5. MONITORING

    16) Conducts ongoing and/or separate evaluations

    17) Evaluates and communicates deficiencies

Management should evaluate and assess the government's internal control system to determine whether: each of the five essential elements of a comprehensive framework of internal control is present throughout the organization; whether each element addresses all of the associated principles; and whether all five elements effectively function together.

Recommendation

We recommend management follow the best practice for establishing and documenting their internal control system using the COSO Internal Control Framework.

FRAMEWORK FOR ASSESSING AND IMPROVING CYBERSECURITY

Current Year Comment

Throughout an organization's normal course of business comes the need to collect, transmit, and store extensive amounts of personal and financial information, both in paper and electronic form, relating to residents, vendors and employees. The use of technology has become a driver in helping organizations stay current and succeed. However, the sharing and compilation of this information lends itself to increasing the organization's vulnerability to either a cyber computer attack, ransomware attack, or a security breach, all are considered cybersecurity attacks.

Management must be aware of the risks associated with the collection of this information and be diligent in implementing the proper policies and procedures to help to expose these risks. While impossible for an organization to eliminate all risks associated with a cybersecurity attack, an organization can take a variety of

steps to mitigate its exposure, satisfy its governance responsibilities and help to minimize the impact of any attack occur.

Because management is ultimately responsible to develop, implement and operate an organization's cybersecurity risk management program, management is ultimately responsible for developing, and presenting to the organization an overview of the entity's cybersecurity risk management program.

The first step in understanding an organization's risks and working to develop and implement an effective cybersecurity plan, an organization needs to conduct a risk assessment and understand their where its greatest exposure and vulnerabilities lie. This can be completed internally if the organization has an experienced information technology team, or there are many organizations that employ experienced professionals in the information technology arena to assist in the risk assessment and implementation if desired.

Once a risk assessment is completed, the next step is to develop and implement a cybersecurity risk program which needs to be continually reviewed and updated as technology changes. This response program should be tested to determine if the proper policies and procedures have been implemented to minimize the potential costs of a cyber-attack.

The obvious benefit to conducting a risk assessment is having the knowledge and an objective identification of the organization's areas where exposure to risks is more prevalent and allows for the development of a roadmap to address the remediation of these risks.

Some of the main areas of review that should be incorporated into the risk assessment are as follows:

- Electronic Records, Paper Records (Human Resource Records, Bank Statements, Payroll Records), Resident Data, Employee Data, Physical Security of hardware and software, Any Third Party or Vendor exposure, Password Security, E-Mail Security (Understanding the risks of malware and ransomware), Mobile phones and Portable Storage Devices, System Backup Procedures, Virus Protection Software, Data Encryption, Document Retention and Destruction Policies, Use of Unauthorized Software, Ongoing Employee Training.

Risk management is the ongoing process of identifying, assessing the risk, and developing a plan to address the risks. In order to manage their risk, organizations should understand what the likelihood is that an event will occur and assess the resulting impact of the event. This will assist the organization in developing their own acceptable level of risk tolerance and help to prioritize the areas in which internal controls should be strengthened.

Recommendation

We recommend that management take a pro-active approach and assess their risk exposure to a cyber-attack.

An internal team with the proper information technology experience can be used or a third party vendor that specializes in this type of assessment can be used.

Once a review is completed, we recommend that policies and procedures be developed to mitigate each identified risk to an acceptable level that fits with the organization's determined risk tolerance.

We also recommend that the community look into obtaining Cyber Liability Insurance which will help to mitigate the costs associated with a breach in information technology security.

Finally, we want to make management aware that technology is constantly changing and that this is not a one-time static process, this will require additional risk assessments and the updating of policies and procedures with the changing technological landscape.