**RECOMMENDATIONS AND RESPONSES:**

| GJ Report | Recommendation | Response | Follow up Response |
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| **Grand Jury Year: 2016-17** | | | |
| Is Orange County Ready for Zika? It Takes a Village to Handle Mosquito-Borne Virus | R.4. The Grand Jury recommends that the VCD provide the Orange County Board of Supervisors with a ranked list of cities that represent primary concern for storm drain mosquito infestation, as soon as possible to facilitate remediation efforts by the next mosquito season, but no later than June 30, 2017. | The recommendation requires further analysis. Since the analysis is to be completed by VCD, the County of Orange will await the completion of the analysis and will be available to work with VCD when it is ready to discuss. | In following up with VCD, the County has been informed that VCD has chosen not to implement this recommendation because it does not maintain a GIS database or inventory of the many storm drain systems located throughout the county. Mapping the entire county wide storm drain system would be overly burdensome and costly to the VCD. The VCD only treats for mosquitoes in storm drains that breed mosquitoes. The District does have a list of sites treated, however, it represents only a very small segment of the entire underground storm water conveyance system. |
| Is Orange County Ready for Zika? It Takes a Village to Handle Mosquito-Borne Virus | R. 5. The Grand Jury recommends that, by June 30, 2017, the Orange County Board of Supervisors notify each city of concern in their Supervisorial Districts that their storm drains represent significant sources of mosquito breeding grounds. | The recommendation requires further analysis. The VCD's Board of Trustees is comprised of representatives from each of the 34 cities in Orange County and a representative from the County-at-large that meet on a monthly basis to decide board matters and receive reports/updates from VCD staff. Because of that network, VCD may be in the best position to provide notification. The County of Orange will work with VCD to determine who can best communicate this information efficiently and effectively to the cities. | In following up with VCD, the County has been informed that VCD has chosen not to implement this recommendation because it does not maintain a GIS database or inventory of the many storm drain systems located throughout the county. |

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| The Myth of the Orange County Jailhouse Informant Program | R.8. The Board of Supervisors should review and consider canceling, within the next 90 days, the OCDA independent monitor contract implemented on recommendations from the IPPEC and approved by the Board in August 2016+B22 | The recommendation has not yet been implemented, but will be implemented in the future. On June 27, 2017, Supervisor Spitzer brought Supplemental S78C before the Board of Supervisors to review and consider cancelling OCDA independent monitoring contract with Larson O'Brien, LLP, the firm hired to meet IPPEC's recommendation to hire an independent monitor. The Board took no action on the item at the meeting. Instead it chose to wait on OCDA's response to this Grand Jury Report. On August 14, 2017, OCDA filed its response.

 The County, including the Board of Supervisors, will work with OCDA on next steps in addressing the contract and do so within 90 days from the day the County files its response. | The Larson O'Brien LLP contract for professional legal services pursuant to Informant Policies and Practices Evaluation Committee (IPPEC) will expire on July 9, 2018. |

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| Another Hostile Work Environment? Orange County District Attorney Bureau of Investigation | R.4. The County should consider implementing a policy that prohibits intimate supervisor-subordinate relationships and prohibits all individuals holding senior leadership position in any county agency from engaging in any intimate relationships with anyone in the agency they supervise. | The recommendation requires further analysis. While the current EEO Policy does not explicitly prohibit intimate relationships between a supervisor and subordinate employee, the policy does not tolerate harassment in any form and provides numerous examples of behavior that constitutes unlawful harassment. Many of these examples prohibit problematic behavior that often stems from such relationships. The first example from the EEO Policy precludes "[e]xplicitly or implicitly conditioning any term of employment or intern/volunteer placement (e.g., continued employment/placement, wages, evaluation, advancement, assigned duties or shifts) on the provision of sexual favors." The policy also states that the County will not tolerate behavior such as participating in conduct that unreasonably interferes with work performance or creates a hostile or offensive work environment, and off-duty conduct which constitutes harassment and nonetheless affects the work environment. The County will report back to the Grand Jury in March 2018 the result(s) of the analysis. | The Bureau of Investigation has written a Nepotism and Conflicting Relationships policy and is currently in discussion with unions regarding the policy. Human Resource Services has written a Nepotism and Personal Relationships policy and is currently in discussion with unions regarding the policy. |

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| Another Hostile Work Environment? Orange County District Attorney Bureau of Investigation | R.6. The Board of Supervisors should hire an outside, independent investigator to investigate why the OCDA and county Human Resources Services departments are not being used in reporting any individuals in the Bureau. | The recommendation requires further analysis. Elected officials serving as Department Heads have the discretion to either use County Human Resource Services or internal Department staff to perform HR functions. Although OCDA elects to use its own internal staff to do all HR functions needed to support the Department, the County's Human Resource Services department does maintain an EEO office separate from all departments that function as a resource for employees who require additional information or assistance concerning EEO matters. Handling EEO complaints is one of its main functions and its staff ensures that the provided services meet and/or exceed both state and federal requirements.<br><br>This recommendation to hire an independent investigator require further analysis and the County will report back to the Grand Jury in March 2018. | Human Resource Services has recently hired independent investigators to investigate EEO complaints at the Office of the District Attorney. These investigations are still pending. |
| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.1. The county establish a periodic cybersecurity audit schedule for all third-party vendors that connect to county networks and systems by 12/31/2017. | The recommendation has not yet been implemented but will be implemented. The recommendation will be implemented through the Cybersecurity Joint Taskforce (CSJTF) and the publishing of the County Cyber Security Policy and Process Manual. By charter, the CSJTF is not due to provide the IT Executive Council the final product until March 30, 2018. | The CSJTF is due to file the draft Cyber Security Manual for review by CEO using BOS approved IT governance structure by the planned March 30, 2018 date. |

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| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.3. The county should review, update and standardize all employee and contractor exit procedures to ensure the security of countywide sensitive information by 12/31/2017. | The recommendation requires further analysis. Access control reviews are currently underway as part of the countywide cyber security assessments. Review of access controls determines the individuals with access to data and systems and where there is still a need to have access to said data and systems. The County is expected to have all departments complete these cyber security assessments by June 8, 2018. | The CSJTF is due to file the draft Cyber Security Manual for review by CEO using BOS approved IT governance structure. Changes are expected to go into implementation by July 2018. |
| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.6. OCIT should finalize a mandatory county incident response plan with procedures for individual agency exceptions and present it to the appropriate oversight bodies and BOS for approval by 7/1/2018. | This recommendation has not yet been implemented but will be in the future. OCIT has developed and implemented a Cyber Incident Response Plan (CIRP) that has been tested. OCIT Enterprise Security plans to adopt the CIRP, through a vote of the CSJTF, prior to March 30, 2018. | The CSJTF is due to file the draft Cyber Security Manual for review by CEO using BOS approved IT governance structure by the planned March 30, 2018 date. |
| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.7. The county should include in its 2018-19 IT Strategic Plan the identification, documentation and categorization by risk of county digital sensitive information. | This recommendation has not yet been implemented but will be in the future. This is best addressed through a strategic level initiative to centralize management of data exfiltration points and establishment of a formal Data Classification Policy. The CSJTF is the strategic level mechanism that will address how sensitive digital information is to be classified and handled. | The CSJTF has sent recommendations to CEO for the establishment of a Data Classification Workgroup with the purpose of studying this issue's impact on the County and for determining County approved classification labels(categories) |

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| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.9. OCIT should implement cybersecurity training and professional certification of all IT analysts having cybersecurity as a part of their job responsibilities by 7/1/2018. | This recommendation requires further analysis. While OCIT has an executed training program, the County cyber security assessments scheduled to be completed in June of 2018 will provide additional details about what trainings and certifications the departments will need. Until the departmental assessment reports are reviewed, it is not possible to provide any additional information or determine an approach to implementing this recommendation. | OCIT continues to research IT job classifications for the County and will continue to include specific cyber security certifications where possible in the job classification for all future recruitments. |
| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.15. Procedures for updating and patching all county software and systems that have been established by OCIT for the shared services programs should be made mandatory for all county departments and agencies that report to the CEO, and recommended for all other county government entities by 6/30/2018. | This recommendation has not yet been implemented but will be in the future. OCIT has procured vulnerability scanning software and implemented network architecture to enable supporting other County departments with the conduct of vulnerability scans. These scans are used to determine the level of patching required for County information systems and networks. Most departments are already doing automated patching of systems and software, the only component missing is the vulnerability scanning for verification. This issue will be resolved as part of the technical controls to be implemented through the efforts of the CSJTF. | OCIT has initiated vulnerability scanning for County departments and tracks findings in the County Governance Risk and Compliance Platform. This practice is included in the technical controls that will be submitted to the CSJTF for approval. Vulnerability scanning is a key component for the development of a County Security Operations Center |
| Orange County's Digital Data: Is It Protected From Cyber Attack? | R. 16. OCIT should draft and implement standardized procedures for mandatory use of full disk encryption and remote final/wipe capabilities for countywide mobile devices by 7/1/2018. | These are two entirely different technologies. OCIT has engaged a third party vendor and its internal OCIT Shared Services management team to select a robust disk encryption solution for OCIT and OCIT managed information systems. Mobile Device Management (MDM) is the technology that needs to be applied to mobile devices. MDM is already in place, and countywide cyber security assessments are in process. | OCIT has matured MDM and is in the process of deploying an improved MDM Solution over the next FY that will lay the ground work for centralizing MDM for all departments managed by OCIT Shared Services. |

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| Orange County's Digital Data: Is It Protected From Cyber Attack? | R.17. OCIT should establish standardized procedures for IT's examination and removal of sensitive information on county digital services, prior to their removal from county premises through transfer, sale, scrap or reuse by 12/31/2017. | This recommendation has not yet been implemented but will be implemented in the future. Disposition of data is addressed in draft Data Classification guidelines and handling instructions. Final process and policy concerning this issue will be included as technical and operational control under CSJTF Cyber Security Policy and Process Manual which is scheduled to be submitted for review by the IT Executive Council in March 2018. | The CSJTF has sent recommendation to CEO for the establishment of a Data Classification Workgroup with the purpose of studying this issue's impact on the County and for determining County approved classification labels(categories) |