Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
1	Inappropriate access to modify user application security in the OPIS procurement system.	2003 KPMG Report	Yes	The user security access for the three inappropriate users was removed immediately when discovered by KPMG. The City has scheduled regular, semi- annual reviews of this type of system access to ensure continued compliance.	Jun-04		Yes - Reviewed a memo to Jay Goldstone, CFO from Matt McGarvey, CIO dated June 19, 2007 that the above mentioned items were reported as "implemented." Obtained and reviewed a list from purchasing staff that shows who is authorized to create vendors. Obtained and reviewed a list from purchasing staff of all accountants and their profiles. Contacted Purchasing Division and Comptroller Department staff to obtain documentation regarding the semi annual reviews the departments are supposed to conduct together. Access profiles have been changed to ensure there is a segregation of duties. The first semi-annual review with Purchasing of authorized users is scheduled to be completed before the end of calendar year 2007, followed by June 2008 and so forth. This item has been accepted by Internal Audit as remediated.

Estimated Completion Remediation Date Date per Item **Complete** per **Reported** as **Tested by Internal Audit?** Remedial Actions taken by Management [1] **Description of Finding** Source Remediated Management if Management? Number [2] Remediation Not Complete Yes - Per Risk Management, the review NA Jun-04 Lack of review of VOS exception reports in the 2003 KPMG Yes For all claim payments that are successfully process is as follows: transferred from VOS to Accounts Payable (AP) Risk Management Department. Report Daily reconciliations for bill payments. A there is already a process in place to balance and "payment total bill review" report is printed reconcile the VOS report to the AP run. There is from VOS and each payment is reconciled to also an error report generated for those claim ensure information is accurate. Notation is payments not successfully transferred from VOS to made for any payment not generated due to AP. That report is generated on Monday and inadequate vendor information on this report. Wednesday nights. Effective June 7, 2004, the Risk Management Information Systems Analyst Additionally, each night the VOS system (ISA) provides this error report to the Senior Clerk generates an "exception" report identifying Typist on the morning following its run. The Senior Clerk Typist reconciles the payments that any payments with inadequate vendor information. This "exception" report mirror's erred and makes the necessary payment the information in the "payment total bill corrections. This will ensure that the City's data is review" report. accurate, complete and valid. 2 Daily when the audit of the bills for import to the AP system is complete, the clerk will look at the "exception" report to confirm the bills with inadequate vendor information are the same vendors on the "payment total bill review" report. The "exception" report is shredded once complete. Reviewed a sample of the Bill Review report and verified that the report included notations for invalid entries and the clerk's initial and date. This item has been accepted by Internal Audit as remediated.

Estimated Remediation Completion Date Item **Complete** per Reported as Date per **Description of Finding Tested by Internal Audit?** Source Remedial Actions taken by Management [1] Number Management? Remediated Management if [2] Remediation Not Complete Inappropriate user access - FAMIS (fixed asset) 2003 KPMG Yes NA The "ALL" profile was removed for all three users Jun-04 Yes - Reviewed a copy of the Quarterly User application. Report in June 2004. In addition, the Comptroller's Office Security Report for the Fixed Asset Department (Comptroller's Office) and started preparing and distributing a Quarterly User verified that there are no employees with an Security Report to user departments in April 2007 listing the staff, including profile type, with "ALL" profile and that all employees with security access to the FAMIS application. The access are current City employees within the 3 Comptroller's Office. This item has been department's Deputy Director or designee is required to review, make appropriate changes to accepted by Internal Audit as remediated. and sign off on the security report and return to the Financial Systems Division of the Comptroller's Office. The change management system within the City 2005 MGO Report Yes The City's IT Security Guidelines and Standards NA Yes - Verified the separation of duties Sep-04 lacks electronic controls to ensure that programs require a separation of duties between development requirement per the IT Security Guidelines on IT are modified by one programmer at a time and that and production environments. The City and and Standards and reviewed the Change programs are not modified after approval and prior Management Process and the levels of SDDPC use an established Change Management 4 to their move into the production system. approval required in this process. This item process for approval (after customer acceptance testing) and notification when moving applications has been accepted by Internal Audit as remediated. from development into production.

Estimated Date Completion Remediation **Reported** as Date per Item Complete per **Tested by Internal Audit?** Remedial Actions taken by Management [1] **Description of Finding** Source Remediated Management if Management? Number Remediation [2] Not Complete Yes - Verified, per the Information Security Sep-04 NA Lack of documented policies and procedures for 2003 KPMG Yes The City's draft Administrative Regulation (AR) Committee Webpage, that the committee has Report 90.63, "Security and Acceptable Use" and the "IT information security. been meeting monthly. In addition, reviewed Security Guidelines and Standards" were draft AR 90.63 and the IT Security developed to include this recommendation. The Guidelines and Standards and verified the draft AR was reviewed by the Office of the CIO inclusion of this recommendation. Although and additional language pertaining to privacy was the draft AR 90.63 still needs final approval, subsequently included in February 2006. The draft this item has been accepted by Internal Audit AR was routed for approval signatures to as remediated. appropriate departments and the City Attorney's office. The IT Security Guidelines and Standards were approved by the Information Technology Governance Committee (ITGC) and distributed to department directors for implementation on September 15, 2004. 5 An IT Security Advisory Committee has been meeting monthly since December 2004, to maintain and implement the IT Security Guidelines and Standards. Additionally, a web page has been established on the City's Intranet site, so all City employees can see the latest security practices and the City's IT Security Guidelines and Standards and the pending AR, at this URL: http://citynet.sandiego.gov/informationsecurity/poli cies/index.shtml.

Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
6	Inappropriate RACF (security software) administrator access.	2003 KPMG Report	Yes	SDDPC reviewed the number of Administrators with this privilege and found only three SDDPC employees with RACF "system-SPECIAL" administrator rights. Of these, two represent the primary and backup administrators. The third was a second backup. This third "system-SPECIAL" administrator rights were removed by November 2, 2004. Our view is that two specific users with this level of administrative authority are acceptable for an operation the size of the City's. However, we will monitor this situation and may find it necessary to add an additional ID with "system- SPECIAL" rights if we find that a single backup is not sufficient.	Nov-04		Yes - Verified, per a screen print, that there are only 2 employees with access to the System Administrator or "system-SPECIAL" functions within RACF. There is a 3rd, RACF Master ID that was used to install the system. However, the 3rd can only be used by either one of the 2 employees with access and is used only as a emergency ID, should it ever be needed. This item has been accepted by Internal Audit as remediated.
7	0.0	2003 KPMG Report		Screens J0230, J0231, J0232 and J0233 are used for time input/edit in the City Automated Personnel Payroll System (CAPPS) on a daily, weekly or bi- weekly basis (depending on input screen). All Personnel Department staff profiles have been changed to "look" only access on the above mentioned screens, effective Fall 2004. In addition, the Comptroller's Office is now preparing and distributing a Quarterly User Security Report to user departments listing the staff, including profile type, with security access to the CAPPS application. The department's Deputy Director or designee is required to review, make appropriate changes to and sign off on the security report and return to the Financial Systems Division of the Comptroller's Office.	Jan-05		Yes - The draft KPMG report went into more detail regarding this finding as follows: "Payroll/Personnel have segregation of duties conflicts. Personnel has "write" access to screens that should only be "write" accessible by the Payroll Department. Specifically, the user profile "JPER" has "write" access to the following screens: J0230, J0231, J0232, and J0233." Therefore, testing included verifying that the "JPER" profile has been changed to "Look" or "Browse" only access for screens J0230, J0231, J0232 and J0233. This item has been accepted by Internal Audit as remediated.

Estimated Completion Remediation Date Item **Complete per Reported** as Date per **Tested by Internal Audit? Description of Finding** Source Remedial Actions taken by Management [1] Number Remediated Management if Management? [2] Remediation Not Complete NA Segregation of duties conflicts for procurement 2003 KPMG Yes Employees in the Comptroller's Office no longer Jan-06 Yes - Reviewed a memo to Jay Goldstone, CFO from Matt McGarvey, CIO dated June activities. Report have access to modify or create vendors used in the 19, 2007 that the above mentioned items were OPIS system. Of the Auditor employees, none reported as "implemented." Obtained and have access to process all three of the following functions: create vendors, approved Purchase reviewed a list from purchasing staff that shows who is authorized to create vendors. Orders, and enter invoices. In addition, none have Obtained and reviewed a list from purchasing duties or access that would be in conflict with each 8 other. staff of all accountants and their profiles. Access profiles have been changed to ensure there is a segregation of duties. This item has been accepted by Internal Audit as remediated.

Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
9	Inappropriate access to create vendors in OPIS (procurement system).	2003 KPMG Report		Only specifically designated Purchasing Division staff has access to create vendors in OPIS, effective January 2006. Auditor employees have access to only view vendors in OPIS. To ensure proper access security, the Comptroller's Office and Purchasing Division have scheduled regular, semi- annual reviews of authorized users.	Jul-06	NA	Yes - Reviewed a memo to Jay Goldstone, CFO from Matt McGarvey, CIO dated June 19, 2007 that the above mentioned items were reported as "implemented." Obtained and reviewed a list from purchasing staff that shows who is authorized to create vendors. Obtained and reviewed a list from purchasing staff of all accountants and their profiles. Contacted Purchasing Division and Comptroller Department staff to obtain documentation regarding the semi annual reviews the departments are supposed to conduct together. Access profiles have been changed to ensure there is a segregation of duties. The first semi-annual review with Purchasing of authorized users is scheduled to be completed before the end of calendar year 2007, followed by June 2008 and so forth. This item has been accepted by Internal Audit as remediated.

Estimated Remediation Date Completion Item **Complete** per **Reported** as Date per **Description of Finding** Source Remedial Actions taken by Management [1] **Tested by Internal Audit?** Number Management? Remediated Management if [2] Remediation Not Complete By June 30, 2007, evaluate the information Mayor's 8/24/06 Yes Complete. On January 5, 2007 San Diego Data Apr-07 NA Yes - On May 15, 2007, the City Council technology needs of the City, including Response to adopted Ordinance No. O-19618, authorizing Processing Corporation (SDDPC) issued a Request benchmarking of existing systems against available Remedial for Proposals (RFP) for the Enterprise Resource the Mayor to enter a lease-purchase systems suitable for management of the City's agreement with IBM Credit LLC to establish Recommendations Planning (ERP) system software. Prior to issuing finances and the preparation of timely and accurate Found in the Kroll the RFP, the information technology needs of the a credit Facility (IBM Credit Facility) to finance the implementation of the City's ERP CAFRs and budgets. Report City were evaluated, including benchmarking its Project. On June 11, City Council passed existing systems against available systems in the market. Two qualified proposals were received by Resolution No. R-302710 authorizing the the proposal due date of February 9, 2007. On Mayor to draw against the IBM Credit May 12, 2007 the SDDPC Board of Directors Facility for the purpose of acquiring the equipment, software, and services selected by authorized the negotiation and execution of a 10 SDDPC for the implementation of the City's contract with SAP AG to provide software and ERP Project, and to add CIP #92-000.0, maintenance support for the City's ERP Project. Enterprise Resource Planning System Core On June 12, 2007 SDDPC executed a contract with SAP AG to provide the ERP software and Capital Project, fund 500711, to the CY07 maintenance for the ERP Project. Capital Improvements Program. On June 12, 2007, SDDPC executed a contract with SAP AG to provide the ERP software and maintenance for the ERP Project. This item has been accepted by Internal Audit as remediated.

Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
11	Inappropriate access to enter invoices in the accounts payable system.	2003 KPMG Report	Yes	Generic accounts are no longer used and each user now logs in with a unique user ID and password. Additionally, Auditors staff no longer has the capability to enter receiving reports for outside departments.	May-07	NA	Yes - The Accounting Operations Manager in the Comptroller's Office provided auditor with the AP Receiving User Security Report. Each user has a unique user ID. In addition, the Ops Manager also provided auditor with a screen printout from each user in the Comptroller's Office showing that access is denied to the C7503 screen – the screen to enter receiving reports (invoices) into the AP system. Note: 2 employees have the authority to override the C7503 access. This is the Accounting Operations Manager and the Accounting Operations Manager and the Accountant IV in Accounting Operations. This override capability is required to adjust the "received by date" in the AP system at fiscal year end when the receiving department has input it into the AP system incorrectly. The correction is needed to ensure expenses are captured in the correct FY. When an override is done, a "Super-User Activity Report" is generated and is sent to Internal Audit. This item has been accepted by Internal Audit as remediated.

ltem Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
12	Business processes in places to identify, summarize, reconcile, and report pertinent financial data were not formalized or documented and generally did not contain necessary controls to adequately assure the accuracy of data reported in the City's CAFR or the efficacy and ease of access to management data. Significant impediments to the accessibility of data inherent in the City's financial accounting and reporting system, together with a general lack of automated processes, resulting in the numerous manually intensive, tedious processes. The results include increased workloads, more opportunities for human error which is inherent in all manual processes, and significant delays in meeting deadline dates. Therefore, a combination of the following should be implemented: a Financial Reporting Division should be established, various duties among the Auditor & Comptroller operating division should be created, and a new Financial Reporting System should be created.	A&C Internal Control Report	Yes	The City has assigned qualified personnel to serve in the capacity of Director of Financial Reporting. This position reports directly to the Comptroller, who in turn reports to the CFO. In addition, the Director of Financial Reporting is the manager of the Financial Reporting Division within the Comptroller's office. This Division is responsible for CAFR preparation. The day to day functions of City-wide accounting operations is now handled by the Accounting Operations and Disbursements Division within the Comptroller's office. A new Financial Reporting System will need to go through the RFP and Council approval process.	Oct-07	NA	Yes - This item consists of 4 recommendations, 3 of which were tested and included on the Control Environment Exhibit (line item 9). The remaining recommendation involves the creation of a new Financial Reporting System. This involves the RFP process, which has been complete. Contracts have been signed with SAP for the purchase of the new system and with AXON for implementation of the new system. However, in the interim, Simpler Systems, a web based management information system that allows users to retrieve financial information concerning the City of San Diego in a user-friendly and easy to read format, has been implemented. This item has been accepted by Internal Audit as remediated.
	new information system and taken all steps necessary for the system's implementation.	Mayor's 8/24/06 Response to Remedial Recommendations Found in the Kroll Report		SAP contract signed 6/13/07. Axon (System Integrator) contract signed 9/28/07.	Dec-07		Yes - Reviewed a signed contract between SDDPC and SAP for the purchase of license for the use of software and a signed contract between SDDPC and AXON for purchase of services regarding implementation of new systems. This item has been accepted by Internal Audit as remediated.

Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
14	Inappropriate user access of VOS (workers compensation claim system) applications in the Risk Management Department.	2003 KPMG Report		Overall, the Risk Management Department is confident that it has adequate, multi-level security controls in place for the VOS application and took action (removed or modified access) to correct the specific user accounts noted by KPMG. Since its implementation in 2003, every user of the VOS application has a unique user ID and password. Additionally, each user has a specifically identified user role, defined within the system that enables them to perform only the system tasks associated with their specific job functions. Lastly, all electronic transactions leave an audit train within the system; they are documented and traceable back to the individual performing the transaction.	Jun-04	NA	No
15	SDDPC should conduct a disaster recovery test on the mainframe applications to ensure that existing procedures are sufficient to restore the City's financial data in the event of a disaster. Findings from the testing should be incorporated into the SDDPC's disaster recovery plan for the mainframe financial applications.		Yes	A complete testing of the financial systems that run on the mainframe was done on December 13-14, 2006. The test was successful, and lessons learned were incorporated into SDDPC's Disaster Plan.	Dec-06	NA	No

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16	5 ,	Mayor's 8/24/06 Response to Remedial Recommendations Found in the Kroll Report	Yes	Per 2/21/07 4th Mayor Kroll Status report: Short- term plan complete. To facilitate automated financial reporting and financial documentation, the City completed the production phase of the data warehousing and business intelligence project on January 5, 2007. The application can be accessed via the following link: http://intra.sannet.gov/businessobjects/logon.do The long-term plan to remediate Kroll item 71 is the implementation of an Enterprise Resource Planning (ERP) system. Refer to item 67.	Feb-07	NA	No
17	Little control over the creation of unlimited vendor and contractor identifications.	2003 KPMG Report	In Process	SDDPC added a new field to the User ID Request system (REQID) for an expiration date on all contractor/vendor User IDs; with a default of 6 months; implemented in Oct. 2005. Other network User IDs for contractor/vendor accounts will be set to expire every 6 months, with the completion of the migration from Novell NDS to Microsoft Active Directory.	NA	Jan-08	No
18	There is no formal policy and associated procedures in place to ensure all system and application access rights are up-to-date and at an appropriate level.	2005 MGO Report on IT	In Process	Procedures were implemented in March 2007 to require Appointing Authorities to quarterly review and certify the list of their employees with access to certain financial and HR/Payroll systems; updating and/or removing access as needed. A new Administrative Regulation is in final review for "Protection of Sensitive Information and Data" that further details the policy and procedures for ensuring appropriate system access with regular reviews. Est. Completion date is Jan. 2008	NA	Jan-08	No

Estimated Remediation Date Completion Item Complete per **Reported** as Date per **Description of Finding Tested by Internal Audit?** Source Remedial Actions taken by Management [1] Number Remediated Management? Management if [2] Remediation Not Complete 2003 KPMG Lack of formal process for adding/deleting users NA Feb-08 No In Process SDDPC implemented a policy and procedure in from critical systems. Report Nov. 2005 that requires specific, authorized City department contacts to approve requests for critical system access; logs of all requests are maintained by the system administrator. 19 As the City migrates from Novell NDS to Microsoft Active Directory, and with a new Administrative Regulation on "Protection of Sensitive Information and Data," additional policies and procedures will be implemented for City staff. Inappropriate system administrator access in the 2003 KPMG City Management does not concur with this NA Mar-08 No In Process City Automated Personnel Payroll System Report finding. (CAPPS). System Administrator access for two Payroll staff 20 is required for proper management of CAPPS; Comptroller is developing a report to identify all actions taken in CAPPS by a System Administrator, for Internal Auditor review. 2003 KPMG Inadequate network and application password IT Security Guidelines & Standards, issued Sept. NA Mar-08 No In Process controls. Report 2004, define minimum password standards: passwords expire every 90 days; system settings 2005 MGO Report There is no formal policy in place defining the lockout a user after 5 failed login attempts; configuration standard and expiration period for on IT mainframe will logout a user after 30 minutes passwords. An official, City-Wide, logical security without activity; new, stricter password standards 21 policy should define the minimum acceptable will be implemented after the migration from password configuration for character length, mixed Novell NDS to Microsoft Active Directory, using a alpha-numerics, and expiration period. single, central directory for user authentication. Est. Completion date is March 2008.

Item Number	Description of Finding	Source	Remediation Complete per Management?	Remedial Actions taken by Management [1]	Date Reported as Remediated [2]	Estimated Completion Date per Management if Remediation Not Complete	Tested by Internal Audit?
22	Inadequate application change control policies and procedures.	2003 KPMG Report	In Process	SDDPC has had a formal Change Management Process in place since July 2002; reviewed annually and updated as needed. The City will be working with SDDPC to develop a consistent policy and procedures for City staff.	NA	Jun-08	No
23	There is no formal policy and associated procedures in place to ensure that system and application access is rescinded for inactive users. This should be done as soon as the departure is realized.	2005 MGO Report on IT	In Process	The IT Standards & Guidelines (Sept. 2004) require supervisors to promptly notify department payroll staff when employees leave (transfer or terminate); payroll staff are to notify the appropriate IT contacts to make necessary user account changes (revoke access). Additional capabilities are planned after the migration from Novell NDS to Microsoft Active Directory, allowing Payroll staff direct access to request user account changes.	NA	Jun-08	No
24		A&C Internal Control Report	In Process	SAP is being implemented in the City. Project scope includes period and year end processing and reporting as well as analytics that include reporting and drill down capabilities.	NA	CY08, quarter 4	No

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25	current reliance on manually prepared spreadsheets. These modifications will reduce the	Response to Remedial		SAP is being implemented in the City. Project scope includes implementation of SAP Project Systems to include: Create Capital Project & WBS Structure, Plan Project Costs, Capture Project Costs, Settle Project Costs, Periodic Settlement to Asset Under Construction, Close Project.	NA	CY08, quarter 4	No
26	to creating funds and accounts. If necessary, the ability to create funds and accounts should be limited. The Comptroller should consider using cost centers, index codes, or projects to achieve separate grant, program, and project tracking. The Chart of Accounts in the financial system has not been maintained with a strategic long-term			SAP is being implemented in the City. The updated Chart of Accounts will follow best practices for Public Sector. Preliminary update is complete and is review. Chart will be finalized during Blueprint and Realization. (Est. Completion Date: Q4 CY08)	NA	CY08, quarter 4	No

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	information system shall have been fully tested to ensure effectiveness and efficiency and will be implemented.	Mayor's 8/24/06 Response to Remedial Recommendations Found in the Kroll Report		Release 1 is in Blueprint Phase. Release 2 is in Planning Phase.		3 release stages with various estimated completion dates. Release 3 - estimated completion date of CY09, quarter 2.	No

Footnotes:

[1] Per information provided to Internal Audit by Management Staff and information provided via the Mayoral Kroll Status updates.

[2] "Date Reported" refers to the date the finding was reported as remediated via: 1) Memos from Management, 2) Mayoral Kroll Status Reports, 3) Status Reports to Internal Audit from Process Owners, 4) Independent Auditor's Reports and 5) Report from John Dyer, Mayoral Consultant, to Internal Audit.