| | | | Enter "X" below to indicate answer | | |
|----|--|-----|------------------------------------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| A. | EFFECTIVENESS AND EFFICIENCY | | | | |
| | Internal controls are intended to provide reasonable assurance that program goals and objectives are effectively and efficiently met; laws and regulations are complied with; resources are adequately safeguarded and efficiently used; and reliable data are obtained, maintained, and accurately and fairly disclosed in reports. | | | | |
| | This section provides broad questions to help the agency determine whether it is achieving its mission, goals and objectives in an effective and efficient manner, and whether organizational changes may impact its ability to continue to do so. Definitions for some of the terms used in this section follow. | | | | |
| | "Customers" are broadly defined as any/all users of the agency's external or internal services. "Customers" could include: the public, federal or state funding sources, other city agencies, other units within the same agency, etc. | | | | |
| | "Inputs" are defined as measures of the quantity of resources used in achieving program goals and objectives (e.g., personnel, materials, etc.). | | | | |
| | "Outputs" are defined as measures of the quantity of service (e.g., the number of 911 calls the Police Department responded to in a given period). | | | | |
| | "Outcomes" are defined as measures of the accomplishments or results that occur because of the provided services- the outputs (e.g., a reduction in the crime rate for given period due to the efforts of the Police Department). | | | | |
| | "Significant Deviations" may be defined as 10 percent or greater. Agencies that feel that this is an inappropriate definition, may define the term differently, but should explain their definition as a Note at the end of the checklist. | | | | |
| 1. | Does the agency, division unit, etc., have a written mission statement (i.e., | 17 | | | |
| | what it is expected to accomplish)? | X | | | |
| 2. | Does the agency, etc. have a clear understanding of its mission? | X | | | |
| 3. | Is the agency's mission(s) carried out with the highest quality, at the lowest | X | | | |
| | cost, and with integrity? | | | | 1 |

| | | | Enter "X" below to indicate answer Partial Not | | | answer |
|-------------|----|---|---|--|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| 4. | | Does the agency's mission reflect its customers' expectations? | X | | | |
| | a) | Do the customers have a clear understanding of the agency's mission? | X | | | |
| | b) | Does the agency have a process for getting periodic customer feedback (i.e., suggestions, compliments or complaints)? | X | | | |
| | c) | Are customer complaints reviewed and addressed, when considered necessary? | X | | | |
| 5. | | Are the agency's goals/objectives defined in measurable terms? | X | | | |
| | a) | Are the agency's outcomes measurable? | X | | | |
| | | Does the agency have specific outcome measurements? | X | | | |
| | | Does the agency have specific output measurements? | X | | | |
| | | Are the agency's outputs measurable? | X | İ | | |
| 6. | | Has the agency achieved its defined goals and objectives for the year under review? | | | X | |
| | a) | Were there no or only insignificant deviations between the expected and actual goals and objectives? | | | X | |
| | b) | Were there no or only insignificant deviations between the expected and actual outcomes (if they are being measured)? | | | X | |
| *********** | c) | Were there no or only insignificant deviations between the expected and actual outputs (if they are being measured)? | | | X | |
| | d) | Were any significant deviations between the expected and actual goals, objectives, outcomes or outputs investigated and appropriate action taken? | X | | | |
| 7. | | Do the indicators published in the Mayor's Management Report effectively | X | | | |
| | | reflect the agency's performance? | | | | |
| | | Do the indicators reflect the agency's principal activities? | X | | | |
| | b) | Were any significant deviations investigated and appropriate action taken? | X | | | |
| 8. | | Are agency programs conducted in accordance with clearly defined management policies? | X | | | |
| | a) | Are these policies in writing? | | | X | |
| | b) | Are these policies in accordance with the intent of applicable laws and regulations? | | | X | |
| | c) | Are these policies properly communicated to the appropriate agency staff? | X | | | |
| | d) | Are these policies reflected in formal written operating procedures? | | | X | |
| | | Are these procedures communicated to the appropriate agency staff? | X | | | |
| | | Are these policies periodically reviewed and updated as needed? | X | | | |
| | | Are these procedures periodically reviewed and updated as needed? | X | | | |
| | h) | | X | | | |
| 9. | a) | Are agency programs evaluated according to specific criteria for performance measurement? | X | | | |
| | b) | Are marginal or unsatisfactory levels of performance investigated? | X | | | |
| 10. | U) | Are the agency's outputs compared to the agency's inputs through efficiency | X | | | |
| | | performance measures? | 1 | | | |

| | | | Enter "X | " below to indicate | answer |
|-----|--|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| 12. | Are the agency's outcomes compared to the agency's inputs through effectiveness performance measures? | X | | | |
| 13. | Are effectiveness measures compared over time or among programs? | X | | | |
| 14. | Has there been less than a 10% turnover in personnel performing the same job, within the past year? | | | X | |
| 15. | Has the contracting out of a significant percentage of the agency's workload (i.e., more than 10% of the agency's OTPS budget) resulted in more effective delivery of service? | X | | | |
| | At the same or less cost? | X | | | |
| 16. | Have compensating controls been put into place to adjust for any significant organizational changes? | | | | X |
| 17. | Are there any significant unresolved audit findings that have been open for more then one year? | X | | | |

TOTALS: 31 0 8 1

| | | | Enter "> | (" below to indicate | answer |
|----|---|-----|--|----------------------|---------|
| | | Yes | Yes No Partial Not Compliance Applicable | | |
| В. | CASH RECEIPTS CASH RECEIPTS refers to Currency, Checks, Money Orders, Credit Card payments, and Electronic Fund Transfers. Sources of cash receipts include: sales, grants, taxes, fees and refunds. Internal Controls should provide reasonable assurance that cash receipts will not be misappropriated or stolen. These controls should be commensurate with the value of the receipts that are to be safeguarded. Controls include adequate segregation of duties, ongoing reviews and monitoring functions, adequate security and timely reconciliations. Information pertaining to cash management can be found in Comptroller's Directive #11, "Cash Accountability and Control." | | | Compilance | Арпсаос |
| 1. | Segregation of Duties: a) Are responsibilities for cash receipt functions segregated from those of cash | X | | | |
| | disbursement? b) Are responsibilities for billing, collecting, depositing, and accounting for receipts performed by different individuals? | X | | | |
| | c) Are responsibilities for preparing and approving bank account reconciliations segregated from other cash receipts or disbursement functions? | X | | | |
| | d) Does someone independent of processing and recording cash receipts follow- up on checks returned for insufficient funds? | X | | | |
| 2. | Control Over Cash Receipts: a) Are cash receipts recorded immediately and deposited daily? | | | X | |
| | b) If not, are the mitigating controls stated in Comptroller's Directive #11 followed? | X | | | |
| | c) Do separate collection centers forward a timely notice of cash receipts to the agency's central accounting unit? | X | | | |
| | d) Are electronic fund transfer transactions controlled in accordance with Directive #11 | X | | | |
| | e) Is cash on hand properly secured (i.e., in a locked safe with a periodically changed combination known to few individuals)? | X | | | |
| | f) Is a restrictive endorsement placed on incoming checks as soon as they are received? | | | X | |
| | g) Are incoming checks listed when received by someone separate from the accounting unit? | | | X | |
| | h) Is this list independently reviewed and compared to cash receipts and deposit slips? | | | X | |
| | i) For sale, or other transactions with the public, are prenumbered receipts provided to payers? | X | | | |
| | j) Are these receipts issued in numerical sequence and accounted for numerically, including those that are voided? | X | | | |

| | | | | Enter "> | " below to indicate | answer |
|----|----|--|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | k) | Are these receipts matched to collection reports on a daily basis? | X | | | |
| | 1) | Are non-cash methods of payment (e.g., credit cards, checks, money orders) promoted, whenever possible? | X | | | |
| | m) | Does someone ensure that all bank accounts are approved by the Department of Finance and registered with the Comptroller's Office? | X | | | |
| | n) | Does someone ensure that all bank account closings are routed through the Department of Finance and the Comptroller's Office? | X | | | |
| | o) | For bank deposits, are checks separately listed on the deposit slip and confirmed to the cash receipts record? | | | X | |
| | p) | Are deposit bags safeguarded (e.g., locked)? | X | T | | |
| | | Are deposits made by authorized personnel? | X | | | |
| | r) | If deposits are made by courier service, is the service adequately insured and/or bonded? | X | | | |
| 3. | a) | Bank Reconciliations: Are all of the agency's bank accounts reconciled within 30 days of the statement date? | X | | | |
| | b) | Are outstanding checks and deposits in transit traced to the following month and followed up? | X | | | |
| | c) | Are copies of the June 30th reconciliations sent to the Comptroller's Office promptly? | X | | | |
| | d) | Are procedures for follow-up on checks returned for insufficient funds adequate? | X | | | |
| | e) | Are checks in excess of \$25 which are outstanding over 6 months cancelled? | X | | | |

TOTALS: 22 0 5

| | | | Enter "X | (" below to indicate | answer |
|----------|---|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| C. | IMPREST FUNDS (PETTY CASH) is a type of agency fund used for minor expenses incurred in daily operations, and is periodically replenished. Although large sums of money are not usually involved, and this is a cash disbursement function, this fund requires similar controls as those needed for the management of cash receipts, since funds may be easily misappropriated or stolen. For information about managing imprest funds, see Comptroller's Directive #3, "Procedures for the Administration of Imprest Funds". | | | | |
| 1. | Are the functions of authorizing purchases, disbursing petty cash, signing checks, signing vouchers, recordkeeping and bank reconciliations performed by different individuals in accordance with Directive #3? | X | | | |
| 2. | Is a maximum limit established for the imprest fund? | X | 37 | | |
| 3. 4. | Is a separate bank account maintained for the imprest fund? Are controls in place to ensure that no individual purchase or disbursement | | X | | |
| | exceeds \$250, and that purchases are not split to circumvent the \$250 limit? | X | | | |
| 5 | Are petty cash vouchers presented with all requests for reimbursement? | X | | | |
| 6 | Do invoices paid by petty cash reflect proof of purchase? | X | | | |
| 7 | Are cash invoices approved by a responsible person other than the petty cash custodian? | X | | | |
| 8 | Does a responsible employee check and verify all vouchers and supporting documentation for completeness and authenticity prior to replenishing the fund? | X | | | |
| 9 | Does someone, other than the employee in Item 7 examine and cancel paid vouchers to prevent duplicate reimbursement? | X | | | |
| 10. | Are imprest funds promptly replenished? | X | | | |
| 11. | Has a maximum amount been established that can be withdrawn from Petty Cash at one time? | X | | | |
| 12. | Are independent, surprise counts of the petty cash fund and reconciliations to its records periodically conducted? | X | | | |
| 13. | Is the petty cash secured in a locked safe with limited access? | X | | | |
| 14. | Are petty cash slips pre-numbered? | | X | | |

TOTALS: 12 2 0 0

| | | | | Enter "X | " below to indicate | answer |
|----|----|---|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| D. | | BILLINGS AND RECEIVABLES | | | | |
| | | BILLINGS AND RECEIVABLES are related processes that are subject to manipulation for the purposes of misappropriation or theft of City funds. Internal Controls are intended to minimize the possibility of such improper actions. Billings involves sending out accurate and timely bills for services rendered or for monies due to the City. Receivables are accounts set up to record monies owed to the City, including unexpended advances to contractors, and the subsequent receipt of monies that reduce or eliminate the outstanding receivable. The receivables should be reviewed and aged periodically to determine if other collection actions should be taken or if accounts should be written off. For information regarding billings and receivables, refer to Comptroller's Directive #21, "Revenue Monitoring". | | | | |
| 1. | | Segregation of Duties: Are receivable accounts maintained by employees who do not handle cash receipts? | X | | | |
| 2. | a) | Billing: Are fees for inspections, licenses, tuition, rent, permits and other revenues billed fully and promptly? | | | X | |
| | b) | Are unexpended advances to agency contractors promptly recouped as provided for in covering contracts? | X | | | |
| | | Are disputed billing amounts promptly investigated by an individual, independent of receivables recordkeeping? | X | | | |
| | d) | Do procedures provide for the prompt filing of liens on properties for nonpayment when permitted by law? | X | | | |
| 3. | a) | Receivables: Are all receivable accounts reconciled on a monthly basis as per Directive #21? | X | | | |
| | b) | Are accounts aged periodically? | X | | | |
| | c) | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | X | | ļ | |
| | | Are there written collection procedures? | X | | | |
| | e) | Are they periodically re-evaluated by individuals of appropriate authority? | X | | | |
| | f) | Are adjustments to receivables accounts independently reviewed? | X | | | |
| | g) | Are overdue accounts transferred to the Law Department for litigation, or an outside collection agency, in accordance with Comptroller's Directive #21? | X | | | |
| 4. | a) | Write-Off Procedures: Do write-offs receive the proper level of authorization as required by Directive #21? | | | X | |

| | | | | Enter "X" below to indicate answer | | |
|----------|----|--|-----|------------------------------------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | b) | Is a formal write-off policy established as required by Directive #21? | | | X | |
| 5. | | Claims for State and Federal Aid: | | | | |
| | a) | Are all claims for State and Federal Aid filed by the agency within 30 days of | X | | | |
| | | the close of the period being claimed? | | <u> </u> | | |
| | b) | Is the claim for nonpayment by State and Federal agencies followed-up within | Y | | | |
| L | | the required 30 or 45 days? | Λ | | | |
| | c) | Are disputed claims investigated promptly? | X | | | |

TOTALS: 14 0 3 0

| | | | Enter "> | (" below to indicate | answer |
|----|--|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| Е. | EXPENDITURES AND PAYABLES | | | | |
| | EXPENDITURES AND PAYABLES are monies paid or owed by the City for the procurement of services or goods. Due to the many steps in the procurement process and the large sums of monies that are expended, the review, authorization and inspection controls are the most important. Ongoing monitoring reduces the risk of improper actions and misappropriation, and ensures that the City obtains quality goods and services at economical prices. See the Procurement Policy Board Rules (PPBR) and Comptroller's Directives # 2, 9, 24, and 29 about issues pertaining to expenditures and payables. | | | | |
| 1. | Segregation of Duties: Are the functions of ordering, receiving, invoice processing and voucher preparation performed by different individuals? | X | | | |
| 2. | Procurement Practices: Are all purchases authorized by personnel of the proper level of | X | | | |
| b) | responsibility? Have specific agency contract procedures been developed to ensure compliance with the City's Procurement Policy Board Rules (PPBR) for: i. Contract Formation? | X | | | |
| | ii: Vendor Source Selection? | X | | | |
| | iii: Contract Award? | X | | | |
| | iv: Contract Administration? | X | | | |
| | v. Dispute Resolution? | X | | | |
| | vi. Maintenance of Records? | X | | <u> </u> | |
| | vii. Contract Change Orders? | X | | | ļ |
| c) | When competitive bidding is not used are "special case" determinations (per PPBR) documented and approved by the Agency Chief Contracting Officer (ACCO)? | X | | | |
| d) | Was prior approval sought and received from the Comptroller and Corporation Counsel for emergency purchases (per PPBR)? | X | | | |
| e) | Is follow up done for contracts that are not shown as registered with the Comptroller's Office? | X | | | |
| f) | Are prequalified vendor lists maintained and updated? | | | I | X |
| g) | accepted? | X | | | |
| h) | Does someone, other than the individual requesting the procurement, review the City's VENDEX listing, and the contractor's stated qualifications and references, to determine if the contractor is qualified? | X | | | |
| i) | | X | | | |

| | | | | Enter "X | " below to indicate | answer |
|----|----|---|-----|----------|-----------------------|---|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | j) | Do all procurement personnel receive training in the PPBR as needed? | X | | | |
| | k) | Are there formal procedures for purchasing items under \$5,000 that are not | X | | | |
| | | required to be bid? | Λ | | | |
| | 1) | Are purchase orders for similar items under \$5,000 from the same vendor | | | | |
| | | reviewed to ensure that they are not split orders meant to circumvent the | X | | | |
| | | PPBR? | | | | |
| | m) | Is there contract monitoring and is information pertaining to the applicable | | | | |
| | | program collected and evaluated periodically, to determine if the goals related | X | | | |
| | | to the contract are being met? | | <u> </u> | | |
| | n) | Is supplier performance evaluated at least once a year per PPBR and | X | | | |
| | | procedures established by the City Chief Procurement Officer (CCPO)? | Λ | | | |
| 3. | | Encumbrances: | | | | |
| | | Are all encumbrances (contracts and orders) more than 90 days old reviewed | X | | | |
| | | monthly and adjusted as necessary to reflect the value of goods and services | Λ | | | |
| | | still to be received? | | | | |
| 4. | | Accountability for Resources: | X | | | |
| | a) | Are quantities verified upon receipt of merchandise? | Λ | | | |
| | b) | Is the merchandise examined or tested for quality as soon as possible after | X | | | |
| | | delivery? | Λ | | | |
| 5. | | Invoice and Voucher Processing Procedures: | | | | |
| | a) | Are copies of purchase orders and receiving reports obtained directly from the | X | | | |
| | | issuing department? | | <u> </u> | | |
| | b) | Are purchase orders, purchase requisitions, and vouchers all prenumbered and | X | | | |
| | | recorded? | Λ | | | |
| | | Are missing purchase orders and/or requisitions investigated? | X | <u> </u> | | |
| | d) | Are invoice quantities, prices and terms compared with those indicated on | X | | | |
| | | purchase orders? | Λ | | | |
| | e) | Are invoice quantities compared with those indicated on receiving reports? | X | | | |
| | f) | Are invoices checked for clerical accuracy? | X | İ | | |
| | | Do invoices above a set amount need additional approval? | X | İ | | |
| | | Are all paid invoices marked "cancelled", "paid", or "voided" to indicate that | | 1 | 1 | |
| | , | they have been processed for payment? | X | | | |
| | i) | Are procedures in place to ensure that payment vouchers are approved by two | *** | | <u> </u> | • · · · · · · · · · · · · · · · · · · · |
| | - | agency assigned FMS users in accordance with Directive 24? | X | | | |
| | j) | Are vouchers processed promptly for payment? | | 1 | X | |
| | k) | Are cash discounts taken? | X | 1 | 1 | |
| | 1) | Are exemptions from sales, Federal excise and other taxes claimed? | X | 1 | 1 | |
| | m) | Are invoices and supporting documents furnished to and reviewed by the | 37 | Ī | T | Ī |
| | , | signer prior to signing a voucher? | X | | | |
| 6. | | FMS Reconciliation: | 1 | Ī | T | Ī |
| | a) | Are agency expenditures and purchasing records reconciled on a timely basis | | | | X |
| | | to appropriate FMS reports for all funds? | | | | |
| | b) | Do FMS reports reflect vouchers properly authorized by agency personnel? | | T | T | 37 |
| | | | | <u> </u> | <u> </u> | X |

| | | | | Enter "X" below to indicate answer | | |
|---|----|--|-----|------------------------------------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | c) | Does the agency have proper documentation to support all FMS vouchers? | X | | | |
| 7 | a) | Has the agency established controls and procedures to assure the accuracy and integrity of all information entered into the City-wide FMS payee/vendor database, in accordance with Directive 29, so that payee/vendors receive the appropriate 1099 forms(1099-MISC, 1099-INT)? | X | | | |
| | b) | Has the agency established controls and procedures to determine that a new payee/vendor has not already been validated in FMS? | X | | | |
| | c) | Has the agency established controls and procedures to assure that the information for a payee/vendor that you use is accurate? | X | | | |
| | d) | Has the agency established controls and procedures to assure that the VA99 report is promptly reviewed in accordance with Directive 29, and any erroneous information corrected? | X | | | |

TOTALS: 40 0 1 3

| | | | | Enter "> | " below to indicate | answer |
|----|----|--|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| F. | | INVENTORY | | | | |
| | | INVENTORY primarily refers to items used by the Agency for its operations. However, it could also include items stored by the agency for disbursement to its branches or other agencies, or confiscated or obsolete goods that are being held for sale. Supplies and some non-capital assets are particularly susceptible to theft and misuse; while capital assets require specific procedures for their purchase, maintenance and disposal. All of these inventory items require strong controls to ensure accurate recordkeeping and good security. | | | | |
| | | For information regarding Inventory issues, refer to Comptroller's Directives #10, 24, and 30. | | | | |
| 1. | | Supplies and Non-Capital Assets: | | | | |
| | a) | (Supplies and Non-capital assets are charged to the expense budget. Excluding capital assets, all other assets fall under these two categories.) Are supplies and non-capital assets kept under the strict control of designated employees? | X | | | |
| | b) | Are detailed records maintained for supplies and non-capital assets? | X | | | |
| | | Is the responsibility for supervising the use of physical inventories of supplies and non-capital assets segregated from that for the maintenance of detailed records? | X | | | |
| | d) | Have inventory levels been established in such a manner as to prevent excess accumulations or unavailability of items? | X | | | |
| | e) | Are perpetual inventory records (if a perpetual system is maintained) compared to physical inventory taken, and significant variances investigated? | | | X | |
| | f) | Are physical inventories conducted and supervised by individuals independent of the departments maintaining the assets? | | X | | |
| | g) | Are government assets in a contractor's custody promptly retrieved and accounted for upon final termination of a contract with an agency contractor? | X | | | |
| | h) | Are expensive non-capital items (e.g., computers, cars) positively identified (tagged)? | | | X | |
| 2. | a) | Capital Assets: Are responsibilities for initiating, evaluating, approving and recording capital expenditures, leases and maintenance or repair projects performed by different individuals? | X | | | |
| | b) | Is the responsibility for supervising the use of physical inventories for capital assets segregated from the maintenance of detailed records? | X | | | |
| | c) | Does an appropriate employee ensure that accurate and complete inventory records are maintained for all assets? | X | | | |
| | d) | For new projects, are the criteria in Directives 10 and 30 complied with when determining capital eligibility? | | | X | |

| | | | Enter "X | (" below to indicate | answer |
|----|--|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| e) | For all capital projects, are the criteria in Directives 10 and 30 complied with when determining whether an expense is capital eligible? | | | X | |
| f) | Are capital assets valued in accordance with Directive 30? | | | X | |
| g) | Are all capital projects reflected in FMS in accordance with Directive 10 and | | | | |
| | Directive 30 requirements, and in a timely basis (i.e., FMS documents FI, FA, FB, FT, FC, FD)? | | | X | |
| h) | Are assets monitored to determine that there is no permanent impairment as detailed in Directive 30? | | | X | |
| i) | Are assets that have permanent impairments written down in accordance with Directive 30 requirements? | | | X | |
| j) | Are assets that have no further utility disposed of in accordance with Directive 30 requirements? | | | X | |
| k) | Are capital assets held for resale, for example foreclosed assets, recorded in the General Fund, at their appropriate value as required by Directive 30? | | | X | |
| 1) | Are assets classified as infrastructure included in the capital asset inventory if they meet the eligibility criteria in Directives 10 and 30? | | | X | |
| m) | Is an annual physical inventory performed for all capital assets and the records maintained as required by Directive 30? | | | X | |
| n) | Are the agency inventory records reconclied to both the FMS Capital Asset information and the agency's internal Capital Asset records? | | | X | |
| o) | Are metal numbered tags or other means of positive identification used to identify motor vehicles, office furniture, and other equipment? | | | X | |
| p) | | X | Ī | T | |
| q) | Are adequate controls in place over the sale of scrap? | X | | T | |

TOTALS: 10 1 14 0

| | | | | Enter "X" below to indicate answer | | | |
|----|----|--|-----|------------------------------------|-----------------------|-------------------|--|
| | | | Yes | No | Partial Compliance | Not Applicable | |
| G. | | PAYROLL AND PERSONNEL | | | | | |
| | | PAYROLL AND PERSONNEL management involves cyclical functions that begin by recording accurate personnel data such as employee's name and address, time worked, authorized expenses, correct wages, tax withholding information, etc. and ends with the paycheck distribution. Good internal controls in this area ensure that only those persons entitled to a paycheck obtain one; and each paycheck represents the correct amount of money that each person is entitled to. Accurate, earned leave balances should be accrued and recorded, and employees leaving city employment be paid for any unused leave in accordance with applicable requirements. For additional information on this topic, refer to Comptroller's Directives 13 (Payroll Procedures), 14 (Leave Balance Payments), and 19 (Recouping Payroll Overpayments to City Employees). | | | | | |
| 1. | | Segregation of Duties: | Х | | Π | | |
| | a) | Are responsibilities for supervision, timekeeping, personnel, payroll processing and disbursements all performed by different individuals? | A | | | | |
| | b) | Are comparisons (reconciliations) of gross pay of current to prior period payrolls reviewed for reasonableness by knowledgeable persons not otherwise involved in payroll processing? | X | | | | |
| | c) | Is payroll reviewed (including an examination of authorizations for any changes noted on the reconciliations) by an employee not involved in its preparation? | X | | | | |
| 2. | a) | Payroll Processing: Does the Personnel or Human Resources Department ensure that all new employees are promptly placed on the payroll? | X | | | | |
| | b) | Does the Personnel or Human Resources Department ensure that all employees who have retired, or resigned, or who are on leave without pay, etc., are promptly removed from the payroll? | X | | | | |
| | c) | Does the Personnel Department ensure that all changes in employment (additions and terminations), salary/wage rates and payroll deductions are properly authorized, approved and documented? | X | | | | |
| | d) | Are payroll records periodically checked against personnel records, and are any discrepancies investigated? | X | | | | |
| 3. | a) | Timekeeping: Are appropriate records maintained for accumulated employee benefits (e.g., vacation)? | X | | | | |
| | b) | Have adequate timekeeping procedures been established to insure that employees arriving late or leaving early are charged leave? | X | | | | |
| | | Are leave balances/records periodically checked to source documents? | X | | | | |
| | d) | Are negative leave balances properly investigated to determine the exact causes and appropriate action(s) subsequently taken? | X | | | | |

| | | Enter "X" below to indicate answer | | | answer |
|-----|--|------------------------------------|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| e) | Are periodic checks made to verify that non-managerial employees are | X | | | |
| | accumulating and using sick and annual leave properly? | Λ | | | |
| f) | 1 2 1 1 | | | | |
| | accumulating and using sick and annual time in accordance with Personnel Orders 88-5 and 97-2? | X | | | |
| g) | Are periodic checks made to verify that non-managerial compensatory time is | X | Ī | | |
| | authorized, accumulated and used properly? | Λ | | | |
| h) | Are procedures in place to ensure that employees whose personnel status | | Ī | | |
| | changes (e.g., from non-managerial to managerial, or from part-time to full- | X | | | |
| | time) are still accruing and using their leave balances appropriately? | | | | |
| i) | Are all proposed managerial lump sum payments submitted to the | 37 | İ | | |
| | Comptroller's Office for approval, prior to payment, per Directive #14? | X | | | |
| 4. | Personnel: | | | | |
| a) | Are periodic reconciliations made between all payroll records and central | X | | | |
| , | master records to ensure that all data is up-to-date? | | | | |
| b) | Are notices of additions, separations, and changes in salaries, wages, and | | ····· | | |
| -/ | deductions reported promptly to the payroll processing function? | X | | | |
| c) | Is there a waiver (approval) on file for all employees that work for the City | | | | |
| • , | but live outside its limits? (Section 1127 which states employees will pay City | X | | | |
| | taxes) | | | | |
| (h | Are Federal and New York State withholding status forms on file? | X | | | |
| | Are there adequate controls to ensure that Form DP-1021 is submitted to the | | | | |
| c) | City's Personnel Department for each employee who is securing additional | | | | |
| | employment in any other civil service position in New York City or with any | X | | | |
| | other governmental agency? | | | | |
| f) | Are controls in place to ensure compliance with DCAS Personnel Services | | | | |
| 1) | Bulletin # 440-10 (transmitted 6/30/97) regarding Jury Duty? | X | | | |
| 5. | Disbursements: | | | | |
| | Are paychecks inadvertently generated for persons no longer on the payroll, | X | | | |
| a) | returned immediately to the Office of Payroll Administration? | Λ | | | |
| b) | Are all undistributed checks or payroll stubs for those who receive them, | | | | |
| U) | | X | | | |
| | logged in and their disposition noted? | | | | |
| c) | Are payroll registers adequately reviewed and approved before disbursements are made? | X | | | |
| 47 | | | | | |
| d) | Are employees required to sign for their paychecks or payroll stubs for those | X | | | |
| | who receive them? | | | | |
| e) | Are all requests to hold a paycheck (or payroll stub for those who receive | X | | | |
| - | them) or to authorize someone else to claim it, in writing? | | } | ļ | |
| 6. | Supervision: | X | | | |
| | Is overtime properly authorized? | | | | ļ |
| b) | Are adequate supervisory controls, such as field observations and productivity | 37 | | | |
| | standards, established with regard to persons working in the field? | X | | | |

| | | | Enter "X | below to indicate | answer |
|----|---|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| 7. | PMS Reports: | | | | |
| a) | Are PMS reports, such as employee's leave, overtime, and absence control, | X | | | |
| | reviewed periodically by management? | | | | |
| b) | Are there adequate controls to ensure that no paycheck will be released to an | | | | |
| | employee until a time card, approved by a supervisor has been submitted to | X | | | |
| | the Payroll Department as required by PMS regulations? | | | | |

TOTALS: 31 0 0 0

| | | | Enter "X" below to indicate answer | | | | |
|----|---|------------|------------------------------------|-----------------------|-------------------|--|--|
| | | Yes | No | Partial Compliance | Not Applicable | | |
| н. | MANAGEMENT INFORMATION SYSTEMS (MIS): MAINFRAME/MIDRANGE | | | | | | |
| | As the City stores increasing amounts of information in a computerized medium, it becomes increasingly important to assure that this data is reliable and adequately protected from unauthorized access, manipulation or destruction. An equally significant concern is whether the City is acquiring its computer hardware and software in a planned manner to ensure that anticipated future information processing, storage and retrieval needs are met. | | | | | | |
| | The Department of Information Technology and Telecommunications (DoITT) has assumed the responsibility for information security policy formulation. It has published the Citywide Information Security Policies and Standards, which City agencies must comply with. Some of these have been classified as public documents and are available at: http://www.nyc.gov/html/doitt/html/business/business_it_security.shtml Others are internal and are available to authorized users on the City's intranet. Comptroller's Directive #18, "Guidelines for Computer Security and Control" provides additional guidance | | | | | | |
| 1. | Planning and Organization: | X | <u> </u> | <u> </u> | <u> </u> | | |
| |) Is there a MIS planning/steering committee?) Has management established: | ļ <u>.</u> | | | | | |
| | i. A written long range MIS plan? | X | <u> </u> | | | | |
| | ii. A written short range MIS plan? | X | | | | | |
| c |) Has management shared both its long range and short range plans with the appropriate field personnel? | X | | | | | |
| d | Has management established MIS policies, procedures and standards? | | | | X | | |
| | Do these comply with DoITT Citywide Information Security Policies and | X | | 1 | | | |
| | Standards? | | | | | | |
| f) | Is there segregation of duties between MIS and the accounting and operating departments for which it processes data? | X | | | | | |
| g | | | | | | | |
| 5 | for: | X | | | | | |
| | i. Operations? | | | | | | |
| | ii. Applications Development? | X | | | | | |
| | iii. Applications Maintenance? | X | | | | | |
| | iv. Quality Assurance? | X | | | | | |
| | v. Technical Support? | X | | | . | | |
| h | vi. Systems Programming? Are there written MIS position descriptions? | X X | | | | | |
| i) | | Λ | | X | | | |
| 1) | i. Reporting to MIS? | X | | | | | |

| | | | | Enter "> | (" below to indicate | answer |
|----|----|---|-----|--------------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | | ii. Reporting to the Internal Audit Department? | | X | | |
| | j) | Has any aspect of MIS been audited within the last four years? If so, please | | | | |
| | | attach a list of the reports, organizations that issued them, and dates of | X | | | |
| | | issuance. | | <u></u> | | |
| | k) | Are computer processing services provided by: | X | | | |
| | | i. The Department of Information, Technology & Telecommunications? | | | | |
| | | ii. The Financial Information Services Agency? | X | ļ | | |
| | | iii. Inhouse personnel? | X | | | |
| | | iv. Any other City agency? | X | | | |
| | | v. Other vendors? | X | | | |
| 2. | | Systems Development Controls: | | | | |
| | a) | Are new systems developed in accordance with DoITT's Systems | | | | X |
| | | Development Life Cycle (SDLC)? | | | | |
| | | Is there user involvement in systems development? | | | | X |
| | c) | Is a separate Quality Assurance function used to assess the adequacy and | | | | ** |
| | | appropriateness of system enhancements and/or new systems, as they are | | | | X |
| | 1\ | being developed? | | | | |
| | d) | Are the costs of system enhancements and/or new systems monitored and | | | | X |
| _ | | recorded on a system-by-system basis? | | | | |
| 3. | a) | Does the agency maintain a list of all systems currently being developed? | | | | X |
| | b) | Does the list identify: how each was procured? | | | † | X |
| | | i. Whether the system was approved (if applicable) by the Information | | | | ** |
| | | Technology Steering Committee? | | | | X |
| | | ii. Whether the systemwas approved by the Citywide Chief Information | | | | 37 |
| | | Security Officer (CISO)? | | | | X |
| | | iii. Whether system maintenance was or will be purchased from an external | | | | v |
| | | vendor? | | | <u> </u> | X |
| | c) | If the answer to a. is "Yes," please provide an agency contact for the list. | | | | |
| | | | | | | |
| | | Agency contact: | | | | |
| | | Title: | | | | |
| | | Telephone # | | T | 7 | Ţ···· |
| | d) | Please enclose a copy of the list with your Directive 1 submission. Have | | | | X |
| | | you submitted the requested copy? | | | | |
| 4. | | Application and System Software Maintenance: | | | | |
| | a) | Are there written standards for the maintenance of applications software? | | | | X |
| | b) | Are application system modifications tested before implementation? | | | | X |
| | | Do operating departments approve the test results? | | † | 1 | X |
| | | Is application system documentation revised to reflect the changes? | | † | 1 | X X |
| | | Is an independent group, other than those groups responsible for applications | | † | 1 | † |
| | -, | development or maintenance, responsible for changes to computer operating | | | | X |
| | | system software? | | | | |

| | | | | Enter "> | " below to indicate | answer |
|----|-----|---|-----|----------|-----------------------|---------------------------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| 5. | | Documentation of Systems: | | | | |
| | a) | Are there written standards for the documentation of computer applications? | | | X | |
| | b) | Do the documentation standards include: | X | | | |
| | | i. Data ownership and criticality classification? | Λ | <u> </u> | | |
| | | ii. Data syntax rules (file naming conventions)? | X | <u> </u> | | |
| | | iii. Security levels? | X | | | |
| | | iv. Comparison of information architecture to similar organizations? | | X | | |
| | c) | Do these standards require that such documentation include: | X | | | |
| | | i. Application overview? | | <u> </u> | | |
| | | ii. Data dictionary? | X | <u> </u> | | |
| | | iii. A description of paper or other input sources? | X | <u> </u> | | |
| | | iv. User procedures? | X | <u> </u> | | |
| | | v. System processing? | X | | | |
| | | vi. Computer operations procedures? | X | | | |
| | | vii. A description of the system's output? | X | | | |
| | | viii. Instruction for report and output distribution? | X | | | |
| | d) | Are there written programming standards? | | | X | |
| | e) | Is adequate documentation maintained for computer operating systems | | | | |
| | | software including: | X | | | |
| | | i. Version? | | | | |
| | | ii. Parameters selected? | X | | | |
| | | iii. Modifications? | X | | | |
| | | iv. Computer operations procedures? | X | I | | |
| | | v. Compliance with software licensing agreements and copyright laws? | X | I | | |
| | f) | Is the documentation for all data processing systems adequate to ensure that | | | | |
| | | the organization could continue to operate if key MIS employees, and/or key | | | X | |
| | | consultants leave? | | | | |
| 6. | a) | Does the agency maintain a list of all critical mainframe systems? | X | | | |
| | | Does the list provide a brief description of each system? | X | | | |
| | c) | If the answer to a) is "Yes," please provide an agency contact for the list. | | 4 | 4 | · · · · · · · · · · · · · · · · · · · |
| | | Agency Contact for List: | | J | oe Tucciollo | |
| | | Title: | | Com | puter Specialis | t |
| | | Telephone # | | | 12-689-2737 | |
| | d) | Please enclose a copy of the list with your Directive 1 submission. Have | 37 | | I | |
| | , | you submitted the requested copy? | X | | | |
| 7. | | Physical and Logical Security: | | | | |
| | a) | Is physical access to computer operations facilities restricted to authorized | X | | | |
| | | personnel? | | | | |
| | b) | | 37 | Ī | <u> </u> | |
| | , | Agency Asset Identification number? | X | | | |
| | c) | Does policy prohibit MIS personnel from originating financial transactions? | X | | | |
| | (b) | Is there an independent data security administrator? | X | | | |
| | e) | Is a general purpose security software product used to restrict logical access to | | h | l | |
| | | is a general purpose security software product used to restrict logical access to | X | I | I | Ī |

| | | | | Enter "> | (" below to indicate | answer |
|-----|-----------|--|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | f) | Do the users have the capability of dialing into the systems from a remote | | Х | | |
| | | location? | | | | |
| _ | g) | If so, are all such sessions authenticated by the system? | | | | X |
| 8. | ` | Systems Operations Controls: | 37 | | | |
| | a) | Is a computer operations schedule used to ensure timely submission and | X | | | |
| | 1 \ | control over work? | | | | |
| | b) | Has that schedule been approved by: | X | | | |
| | | i. The operating departments? | X | | | |
| | | ii. The MIS Department? | X | | | |
| | | Are there detailed written instructions for the operation of each system? | X | | | |
| | | Is there a log of computer operations activities? | X | | | |
| | e) | Are these logs maintained for at least one year? | | | | X |
| | f) | Are these logs reviewed by MIS management? | | | X | |
| | g) | Are computerized records retained in accordance with an established schedule? | X | | | |
| | h) | Does the data retention schedule comply with applicable legal requirements | | | | |
| | | (i.e., Department of Records and Information Services [DORIS])? | X | | | |
| 9. | a) | Backup and Disaster Contingency Plans: | | | | |
| | | Are backup copies of computerized records made on a regular schedule? | | | | X |
| | b) | Are additional backup copies of computerized records kept at a secure off-site | | | | X |
| | | location? | | | | v |
| | c) | Is there a written contingency and disaster recovery plan? | 1 | L | I | X |
| | | When was it updated? | | T | T | ĭ |
| | a) | Is the disaster recovery plan based upon an agency-wide information | | | | X |
| | | protection plan which assesses the agency's information risks and | | | | Λ |
| | | vulnerabilities? Does the agency have its own user site contingency and disaster recovery | | | | |
| | e) | | | | X | |
| | f) | plan? For agencies maintaining their own data processing facilities, is the plan tested | | | | l |
| | f) | semiannually? | | | | X |
| | g) | For agencies whose processing facilities are supplied by an outside vendor or | | † | | |
| | <i>5)</i> | another NYC agency, has the agency participated in a semiannual disaster | | | X | |
| | | recovery test? | | | A | |
| | h) | Has the plan been tested within this calendar year? | | | X | |
| | 11) | If the answer is "Yes," please provide the date | | <u> </u> | Α | l . |
| 10. | | Execution and Authorization of Transactions: | T | T | T | T |
| 10. | a) | Are there adequate controls over preparation and approval of input | X | | | |
| | , | transactions by the operating departments? | | | | |
| | b) | | | † | † | İ |
| | , | fields for numeric data, testing for duplicate numbers)? | X | | | |
| | c) | Are there adequate controls to assure that all transactions are accurately | ~ - | t | † | |
| | , | recorded and promptly posted? | X | | | |
| | d) | Are there reconciliation procedures for batch processing? | X | † | 1 | |

| | | Enter "X | " below to indicate | answer |
|---|-----|----------|-----------------------|-------------------|
| | Yes | No | Partial Compliance | Not Applicable |
| e) Are rejected records corrected and reprocessed? | X | | | |
| f) Do user controls include reconciliation of input to output? | X | | | |
| g) Are system outputs reviewed for reasonableness? | X | | | |
| h) Do the system balancing procedures reconcile opening balances plus current input to the closing balances? | X | | | |
| Are source documents retained in accordance with an approved schedule? | X | | | |
| j) Do all transactions have a readily accessible source document? | X | | | |

TOTALS: 61 3 8 23

| I. MANAGEMENT INFORMATION SYSTEMS (MIS): PERSONAL COMPUTERS/LOCAL AREA NETWORKS This section raises the same concerns as Section H. 1. Personal Computer Procedures and Standards: a) Has management established agency wide policies, procedures and standards for the installation and use of Personal Computers (PC)? b) Do these comply with DoITT's Citywide Information Security Policies and Standards Standards Phare all employees who access information systems received a copy of DoITT'S User Responsibilities Policy? d) Have wall employees who access information systems received a copy of DoITT'S User Responsibilities Policy? d) Have these policies, procedures, and standards been communicated to appropriate field personnel? e) Do these policies, procedures and standards address the following issues: i. Standardization of software? iii. Data retention? iv. Data recovery? v. Data Security? vi. Application development controls? vii. Inventory of software? viii. Inventory of software? viii. Inventory of software? iii. Standardization of software? iii. Standardization of software? viii. Inventory of software? viii. Inventory of software licensing agreements and copyright laws? f) Do these policies, procedures and data? iv. Acceptance and installation of new equipment? v. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware? vi. Inventory of all hardware been marked with an Agency Asset Identification number? Acceptance and installation of new equipment? Asset Identification number? Acceptance and installation of new equipment? vi. Inventory of all hardware been marked with an Agency Asset Identification number? Do these comply with DoITT's Citywide Information Security Policies and Standards for the installat | | | | | Enter "X | " below to indicate | answer |
|--|----|-----|--|----------|----------|---------------------|--------|
| PERSONAL COMPUTERS/LOCAL AREA NETWORKS This section raises the same concerns as Section H. 1. Personal Computer Procedures and Standards: a) Has management established agency wide policies, procedures and standards for the installation and use of Personal Computers (PC)? b) Do these comply with DoITT's Citywide Information Security Policies and Standards? Have all employees who access information systems received a copy of DoITT's User Responsibilities Policy? d) Have these policies, procedures, and standards been communicated to appropriate field personnel? e) Do these policies, procedures and standards address the following issues: i. Standardization of software? ii. Standardization of hardware? iii. Data receivery? v. Data receivery? v. Data Security? vi. Application development controls? vii. Inventory of software? viii. Inventory of software? viii. Inventory of software? viii. Inventory of software licensing agreements and copyright laws? f) Do these policies, procedures and standards provide appropriate controls over the: i. Use of the computers? iii. Standardization of software? iii. Standardization of software? iii. Standardization of software? iii. Standardization of software? iii. Standardization of software? iii. Standardization of software? iii. Standardization of software? vi. Inventory of all hardware? een marked with an Agency Asset Identification number? 2. Local Area Network Procedures and Standards: a) Has management established agency wide policies, procedures and standards for the installation and use of Local Area Networks (LANS)? b) Do these comply with DoITT's Citywide Information Security Policies and | | | | Yes | No | | |
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| for the installation and use of Local Area Networks (LANS)? Do these comply with DoITT's Citywide Information Security Policies and | 2. | | | | | | |
| b) Do these comply with DoITT's Citywide Information Security Policies and | | a) | | X | | | |
| | | | | | | <u> </u> | ļ |
| | | b) | Do these comply with Dol'l'I's Citywide Information Security Policies and Standards? | X | | | |

| | | | | Enter "X | (" below to indicate | answer |
|----|----|---|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | c) | Do these policies and procedures define an Agency Support Function and its associated responsibilities? | X | | | |
| | d) | Do these policies and procedures address adherence to copyright infringement terms and licensing agreements for leased and purchased LAN software? | X | | | |
| | e) | Do these policies and procedures address: i. Program testing? | X | | | |
| | | ii. Documentation? | X | | | |
| | | iii. Backup and recovery? | X | | | |
| | f) | Are the policies and procedures reviewed and updated to reflect changes in technology, the organizational structure, and management directives? | X | | | |
| | g) | Do the policies and procedures reflect the agency's position on employees' personal, non-business related use of agency workstations? | X | | | |
| | h) | Do the policies and procedures address the need for applicable training from either in-house or external consultants, as appropriate? | X | | | |
| 3. | | Agency Support Function: | | | | |
| | a) | Is there a centralized group (or individual) designed to support end-user LAN installations? | X | | | |
| | b) | Is the support function adequately staffed? | X | ····· | 1 | |
| | | Are remote workstation processing locations provided with helpdesk consultation service for problems relating to workstation hardware and software? | X | | | |
| | d) | Are evaluations performed to avoid designing applications for LANs, for functions that can be performed more economically on the agency's mainframe computer? | | X | | |
| 4. | a) | Local Area Network Installations: Is there an inventory of all LANs currently installed throughout the agency? | X | | | |
| | b) | Are specific personnel assigned the functional responsibilities for LAN control and security? | X | | | |
| 5. | a) | LAN Hardware: Are procedures in place to ensure hardware maintenance is performed on a periodic basis? | X | | | |
| | b) | Are alternative vendors available to provide hardware support if the current vendor fails to provide adequate support? | | X | | |
| | c) | Are there procedures for the disposition of surplus hardware? | X | 1 | 1 | |
| 6. | | LAN Software: Is there a LAN purchased/leased software inventory list and is it kept current? | X | | | |
| | b) | Have procedures been developed and distributed to ensure compliance with software maintenance contracts and licensing agreements? | X | | | |
| | c) | Are LAN users knowledgeable of and in compliance with copyright infringement terms and licensing agreements for leased and purchased LAN software? | X | | | |

| | | | | Enter "> | (" below to indicate | answer |
|----|--------|---|--------------------------|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | d) | Are network versions of LAN software being used? | X | | | |
| | e) | Do vendors of LAN software provide maintenance agreements which clearly | | | | |
| | | define maintenance services and costs, and make source code available if the vendor goes out of business? | X | | | |
| | f) | Are backup copies made of all software before installation on the LAN? | X | T | | |
| 7. | a) | | | | X | |
| | b) | Does the list identify: how each was procured? | | 1 | X | |
| | | i. Whether the system was approved by the Information Technology Steering Committee (as applicable)? | | | X | |
| | | ii. Whether the system was approved by the Citywide Chief Information Security Officer (CISO)? | | X | | |
| | ****** | iii. Whether system maintenance was or will be purchased from an external vendor? | X | | | |
| | c) | | ······ 4 ········ | 4 | 4 | I |
| | | Agency contact: | | An | uraag Sharma | |
| | | Title: | Direc | | Business Re-en | gineering |
| | | Telephone # | | | 12-313-5184 | 8 |
| | d) | | X | | | |
| 8. | | Physical Security Controls: | | | | |
| ٠. | a) | Are workstations physically secure during and after normal business hours? | | | X | |
| | b) | Do locations (e.g., individual workstations, file servers, etc.) have adequate fire detection and prevention facilities? | | | X | |
| | c) | | | | X | |
| | d) | Are passwords changed periodically? | X | | 1 | |
| | e) | Is password modification: | ** | 1 | 1 | |
| | , | i. required by the Network operating system? | X | | | |
| | | ii. manually controlled and enforced? | | X | | |
| | | iii. if manual, are there procedures to ensure password changes? | | | | X |
| | f) | Do policies and procedures prohibit user identification and confidential passwords to be written on or near the workstations or work areas? | X | | | |
| | g) | Are workstations with access to sensitive data shielded from view by unauthorized personnel? | | | X | |
| | h) | Are log-on system commands, and on-line transaction documentation manuals placed in a secure area when not in use? | X | † | | |
| | i) | Has each user department designated a person to be responsible for controlling access to and use of the department's workstations? | X | † | | |
| | j) | Is a log maintained of all departmental personnel authorized to use workstations? | X | | | |
| | k) | Are workstation IDs and passwords changed, when departmental personnel are terminated or transferred? | X | † | | |

| | | | | Enter "> | (" below to indicate | answer |
|-----|----------|--|-----|----------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | 1) | Are there procedures to follow in order to move or acquire workstations? | X | | | |
| | m) | Is supervisory approval required in order to move or acquire workstations? | X | | | |
| 9. | | User Authorization and Identification: | | | | |
| | a) | Are there specific additional, security-related procedures required to bring a workstation and the LAN on-line, outside of normal operating hours? | X | | | |
| | b) | Does the LAN security software uniquely identify each workstation and each workstation user? | X | | | |
| | c) | Can all workstation usage and transaction processing be identified to a specific individual? | | | X | |
| | d) | Are there software controls that limit the types of transactions/files/directories | | | | |
| | | that are made available to individual users? | X | | | |
| | e) | Are there different levels of access restrictions that can be placed on agency workstations and users? | X | | | |
| | f) | Are all workstations protected by passwords or similar techniques? | X | | | |
| | | Do procedures prohibit the sharing of passwords by individuals in the same department? | X | | | |
| | h) | Does each user have his/her own password? | X | | | |
| | | Are there established procedures to set up passwords for individual | | | | |
| | <i>'</i> | workstation users? | X | | | |
| | j) | Are there documented procedures to follow when an authorized user forgets his or her password? | X | | | |
| | k) | Can all workstation users change their passwords at any time? | X | † | | |
| | | Are workstation users precluded from personally deactivating their passwords? | X | | | |
| | m) | Does the security software detect and prevent repeated attempts to log-on to the network by guessing passwords? | X | | | |
| | n) | | | | X | |
| | 0) | Is automatic file or record locking available and being used by the LAN operating system to prevent simultaneous update? | X | | † | |
| 10. | | Activity, Utilization, and Violation Reporting: | | | | |
| | a) | Does the network operating system and/or security software report the | | | 37 | |
| | / | following: | | | X | |
| | | i. Workstation activity? | | <u> </u> | | |
| | | ii. Workstation utilization? | | X | _ | ļ |
| | | iii. Access violations? | X | | | |
| | b) | | X | | | |
| | ٠ | violations? Are security violations promptly investigated and are the violator's superiors | | | | |
| | c) | notified? | X | | | |
| | | | X | | | ļ |
| | e) | Are all workstation reports reviewed by independent data processing and/or user administrators on a weekly basis? | | | X | |

| 11. Network Operating System and Security Table Maintenance: a) Are security tables backed up frequently and rotated to an off-site storage location? b) Are there restrictions limiting access to the security table (e.g., additional passwords, codes, etc.)? c) Is there an audit trail that documents all parameter changes that are made to the network operating system and security tables? 12. Backup and Recovery: a) Are there documented procedures to guide LAN users in backing-up data from hard-disk drives and USBs? b) Does a policy exist that defines adequate backup frequency and retention periods for backup data? c) Is track, disk, or server mirroring used to backup critical data? d) Do LAN software vendors provide backup and recovery training to LAN users? e) Are there procedures to guide workstation users in recovering data from backup copies? f) Are users responsible for their own hard disk backup if the information is not backed-up on a LAN? g) Is the LAN security administrator responsible for backing-up the file server(s)? h) Are there procedures for adequate in-house and off-site storage of backup data and programs? i) Is there an established source for replacing LAN hardware components when hardware failures occur? j) Is LAN hardware and software adequately insured against loss or damage? k) Is recovery of LAN processing capabilities included in the agency's disaster recovery plan? T) Does your agency store e-mails in the event that this information may be used during [titigation? m) Has your agency addressed the December 2006 electronic discovery-related amendments to the Federal Rules of Civil Procedure, (Rules 16, 26, 33, 34, 37, and 45, as well as Form 35) that electronically stored information must be produced during the discovery process? n) Has your agency created a policy and has a procedure been implemented that | wer | below to indicate | Enter "X" | | |
|--|-------------------|-------------------|-----------|-----|--|
| a) Are security tables backed up frequently and rotated to an off-site storage location? b) Are there restrictions limiting access to the security table (e.g., additional passwords, codes, etc.)? c) Is there an audit trail that documents all parameter changes that are made to the network operating system and security tables? 12. Backup and Recovery: a) Are there documented procedures to guide LAN users in backing-up data from hard-disk drives and USBs? b) Does a policy exist that defines adequate backup frequency and retention periods for backup data? c) Is track, disk, or server mirroring used to backup critical data? d) Do LAN software vendors provide backup and recovery training to LAN users? e) Are there procedures to guide workstation users in recovering data from backup copies? f) Are users responsible for their own hard disk backup if the information is not backed-up on a LAN? g) Is the LAN security administrator responsible for backing-up the file server(s)? h) Are there procedures for adequate in-house and off-site storage of backup data and programs? i) Is there an established source for replacing LAN hardware components when hardware failures occur? j) Is LAN hardware and software adequately insured against loss or damage? k) Is recovery of LAN processing capabilities included in the agency's disaster recovery plan? l) Does your agency store e-mails in the event that this information may be used during litigation? m) Has your agency store e-mails in the event that this information must be produced during the discovery process? n) Has your agency store developed and has a procedure been implemented that | Not Applicable | | No | Yes | |
| location? | | | | | Network Operating System and Security Table Maintenance: |
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| n) Has your agency created a policy and has a procedure been implemented that | | | | Λ | 37, and 45, as well as Form 35) that electronically stored information must be |
| | | | | | produced during the discovery process? |
| complys with the above regulation? | | | | X | |
| | | | | | complys with the above regulation? |
| o) Does your agency track e-mails? X | | | | X | |
| | | | | X | |
| 13. Software Acquisition and Application: | | | | v | |
| a) Was agency MIS consulted to determine if desired software is: X i the most appropriate available? | | | | Λ | |
| i. the most appropriate available? ii. listed in the agency's application software catalog or endorsed by MIS? X | | | | Y | |
| ii. listed in the agency's application software catalog or endorsed by MIS? X b) Was the warranty registration card filed with the vendor? X | | | | | |

| | | | | Enter "X | " below to indicate | answer | | |
|-----|-----|--|-------|--------------------------------|-----------------------|-------------------|--|--|
| | | | Yes | No | Partial Compliance | Not Applicable | | |
| 14. | | Documentation: | | | | | | |
| | a) | Is there documentation for each recurring application (i.e., used more than | | | X | | | |
| | | once)? | | | | | | |
| | b) | Is the application software catalog periodically updated? | X | | | | | |
| | c) | Do each of the applications have documentation? | | | X | | | |
| | d) | Does the documentation contain: | X | | | | | |
| | | i. a description of the application? | Λ | | | | | |
| | | ii. a filename and backup filename? | X | | | | | |
| | | iii. update frequency? | X | | | | | |
| | | iv. sources of data including other filenames? | X | | | | | |
| | | v. field definitions and names? | X | | | | | |
| | | vi. a printout of formulas (especially for spreadsheet programs)? | | | X | | | |
| | | vii. program execution instructions? | X | | | | | |
| | | viii. backup instructions? | X | | | | | |
| | | ix. copy of the software application? | X | | | | | |
| | | x. sample printouts? | | | | | | |
| | | xi. distribution requirements? | X | İ | | | | |
| | e) | Are control, audit trail, and review procedures clearly set forth in software | | İ | | | | |
| | -/ | documentation? | | | X | | | |
| 15. | a) | | X | | | | | |
| | b) | Does the list provide a brief description of each system? | X | | | | | |
| | | If the answer to a) is "Yes," please provide an agency contact for the list. | | 1 | | | | |
| | - / | Agency Contact for List: | | Anuraag Sharma | | | | |
| | | Title: | Direc | tor of Business Re-engineering | | | | |
| | | Telephone # | | 21 | 12-313-5184 | ····· | | |
| | d) | Please enclose a copy of the list as part of your Directive 1 submission. Have | T | T | T | | | |
| | / | you enclosed the requested copy? | X | | | | | |
| 16. | | Communications: | | | | | | |
| | a) | Has agency MIS been consulted prior to any communications networking? | X | | | | | |
| | b) | Are all network users and microcomputers uniquely identified? | X | | | | | |
| | | Are modems used on the network? | | | | X | | |
| | | Is access to dial-up telephone numbers restricted (i.e., need-to-know basis | | | | | | |
| | / | only)? | | | | X | | |
| | e) | Are dial-up lines monitored for repeated failed-access attempts? | | | | X | | |
| | | Is the mainframe operator notified of repeated violations? | | | | X | | |
| | | Is the line disconnected after repeated violations? | | † | l | X | | |
| | | Is dial-up access restricted to only authorized users? | | † | l | X | | |
| | i) | Are automatic call-back devices used where microcomputers can access the | | † | l | | | |
| | -) | mainframe through a "dial-up" facility? | | | | X | | |
| | i) | Is data that is transmitted over public lines encrypted? | | <u> </u> | X | | | |
| | | | | | | | | |
| | K) | conform to DOITT's Wireless Security Policy? | | | X | | | |
| | 1) | Do microcomputer users have access to sensitive data stored on other | | | | | | |
| | 1) | | X | | | | | |
| | | computers? | L | <u> </u> | <u> </u> | [| | |

| | | | Enter "X | " below to indicate | answer |
|-----|---|-----|----------|---------------------|----------|
| | | Yes | No | Not Applicable | |
| m) | Does the mainframe computer or LAN have a security software package that | X | | | |
| | prevents unauthorized access to data? | | | | |
| n) | Have passwords been assigned to users? | X | | | . |
| o) | Are passwords kept confidential and changed periodically? | X | | | . |
| p) | Are computer logs available and reviewed by the appropriate supervisor? | X | | | |
| q) | Can users upload or change data on the mainframe? | X | | | |
| 17. | Physical Security - Hardware: | | | | |
| a) | Have all component serial numbers been recorded and stored in a secure location? | X | | | |
| b) | Is the unit reasonably protected from unauthorized access? | X | ····· | | |
| | Are components secured, e.g., bolted down? | | X | | |
| | Is the processing unit locked so that the cover cannot be removed and internal boards removed? | | X | | |
| e) | Is there a policy requiring proper authorization before microcomputers are | | † | | |
| • , | allowed to leave the property (e.g., night or weekend use)? | X | | | |
| f) | Have adequate physical security policies for portable computers been | | | | |
| -/ | developed, and distributed to users? | X | | | |
| 18. | Physical Security - Data and Software: | | | | |
| | Has management identified those individuals authorized to use the | X | | | |
| ω, | microcomputer(s)? | 1.1 | | | |
| b) | Have procedures been established for authorizing new users? | X | | | |
| | Have critical or sensitive data files been identified? | | | X | |
| | Are critical or sensitive data files protected from unauthorized access (by | | | | |
| α, | password)? | X | | | |
| e) | Are critical or sensitive data files protected from unauthorized update? | X | | | |
| | Are critical or sensitive data files encrypted? | | | X | |
| | Are deleted or erased files really destroyed or overwritten so they cannot be | | | | |
| 8/ | recovered by utility programs? | | | | X |
| h) | i. Are all accesses logged? | | | X | |
| | ii. Is the user uniquely identified? | | | X | 1 |
| | iii. Is the date/time of access identified? | | | X | 1 |
| | iv. Are the functions performed identified? | | | X | 1 |
| | v. Is the microcomputer identified? | X | † | † | † |
| i) | Are private individual data sets secure from "browsing" by unauthorized | | †···· | † | |
| -/ | network users? | X | | | |
| i) | Have standardized file transfer formats been developed? | | † | X | † |
| | Is critical data properly managed when downloaded? | | † | X | † |
| | Is downloaded critical data used for analysis only, and not permanently stored | | † | † | † |
| -/ | on microcomputer storage media (e.g., USBs or hard drive units)? | | | X | |
| m) | If data must be permanently stored in the microcomputer, is it encrypted or protected with password access? | | | | X |

TOTALS: 118 7 29 15

| | | | Enter "> | (" below to indicate | answer |
|-----------|---|------|----------|-------------------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| J. | INTERNET CONNECTIVITY The City makes use of the Internet to communicate, retrieve information, and provide information via City websites. It becomes increasingly important to assure that City data is reliable and adequately protected from unauthorized access, manipulation or destruction. | | | | |
| | The Department of Information Technology and Telecommunications (DoITT) has assumed the responsibility for information security policy formulation. It has published the Citywide Information Security Policies and Standards, which City agencies must comply with. Some of these have been classified as public documents and are available at: http://www.nyc.gov/html/doitt/html/business/business it security.shtml Others are internal and are available to authorized users on the City's intranet. Comptroller's Directive #18, "Guidelines for Computer Security and Control" provides additional guidance | | | | |
| 1. | Does your agency obtain Internet Connectivity through DoITT's central internet connection? | X | <u> </u> | | |
| 2. | Does your agency use DoITT's centralized web content filtering? | | X | | |
| 3. | Does your agency host internet applications? | X | | | |
| 4. | Have the applications been accredited by the Citywide Chief Information Security Officer (CISO)? | | | X | |
| | If the answer is "Yes," please attach a list of each application including the date accredited | | | | |
| 5. | Has your agency designated a Chief Information Security Officer (CISO) and informed the Citywide CISO of same? | X | | | |
| | Name of individual: | | TB | N (in process) | |
| | Title: | | Chief I | T Security Off 12-313-xxxx | icer |
| 6 | Telephone #: | | <u>Z</u> | 12-313-XXXX T | l |
| 6. | Have all employees who access information systems received a copy of the User Responsibilities Policy? | X | | | |
| 7. | Are usernames and password required? | X | | | |
| 8. | Do usernames and password comply with the User Account Management | X | | | |
| 9. | directive? | X | | | |
| 9. 10. | Are digital Certificates used? Are tokens used? | X | | 1 | |
| 11. | Are SSL/HTTPS used? | X | | 1 | |
| 11. | i. Are they secured? | X | | | |
| 12 | Has your agency encrypted all data stored on disks, removable drives, tapes, | - 11 | | | |
| | flash memory cards, CDs, USB memory devices, laptops, smart telephones, | | | X | |
| | and PDAs? | | | | |
| 13. | Is all hardware inventoried? | | | X | |
| 14 | Is hardware protected from theft? | | | X | |
| 15. | Are Virtual Private Networks used? | X | | | |
| 16 | Are consultants permitted to download City information? | | | X | |

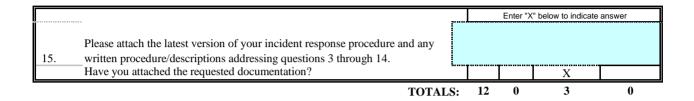
| | | | Ent | er "X | below to indicate | answer |
|-----|--|------|--|-------|-------------------|--------|
| | If the answer is "Yes," describe the controls in place to prevent unauthorized | We l | have comprehensive controls outline | | | |
| | actions (e.g.,misuse, theft of data). | in (| our security and private policies that | | | |
| 17. | Are penalties defined in consultant contracts for the unauthorized | | | | v | |
| | downloading of City information? | | | | Λ | |
| 18. | Are firewalls used? | | X | | | |
| | i. Are they in accordance with DoITT directives? | | X | | | |
| 19. | Are all applications monitored and configured to log system events? | | | | X | |
| 20. | Are intrustion detections systems in place? | | X | | | |

TOTALS: 14 1 7 0

| | | | Enter "X" below to indicate answer | | | | |
|----|--|-----|------------------------------------|-----------------------|-------------------|--|--|
| | | Yes | No | Partial Compliance | Not Applicable | | |
| K | RISK ASSESSMENT, DATA CLASSIFICATION, AND INFORMATION SECURITY | | | | | | |
| | The Department of Information Technology and Telecommunications (DoITT) has assumed the responsibility for information security policy formulation. It has published the Citywide Information Security Policies and Standards, which City agencies must comply with. Some of these have been classified as public documents and are available at: http://www.nyc.gov/html/doitt/html/business/business_it_security.shtml Others are internal and are available to authorized users on the City's intranet. | | | | | | |
| | DoITT's Data Classification Policy places responsibility on the agency head or designee for ensuring that agency information assets are appropriately categorized and protected. The value of the information must therefore first be assessed to determine the requirements for security protection. Data may be classified according to four levels: public, sensitive, private, confidential. The Data Steward is responsible for conducting this assessment. | | | | | | |
| 1. | Has your agency conducted a data classification assessment in accordance with the Data Classification Policy? | | X | | | | |
| 2. | Has your agency classified data in accordance with the levels prescribed by the policy? | | X | | | | |
| 3. | Has the Data Steward function been established and a Data Steward desginated? | | | X | | | |
| | If a data classification assessment has been conducted, please provide the document | | | | | | |
| | Name of individual who conducted the asssessment: | | | | | | |
| | Title: | | | | | | |
| | Telephone #: | | ······ | T | ī | | |
| 4. | Can your agency's information transactions be reconstructed? | | | X | | | |
| 5 | Have access control measures been imposed on information and processes? | | <u> </u> | X | | | |
| 6. | Are user activity logs in place to provide accountability? Are city information users assigned different levels of access (system | | | X | | | |
| 7. | privileges) depending on their function and responsibilities? | X | | | | | |

TOTALS: 1 2 4 0

| | | | Enter "X | " below to indicate | answer |
|------------|--|-----|----------|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| L. | INCIDENT RESPONSE | | | | |
| | Despite an organization's best efforts, an information technology (IT) security incident may occur. When an incident occurs, the incident response process helps the affected organization respond to the event and resume normal operations as quickly as possible. Throughout the incident response process, the organization must have adequate controls to ensure that the following goals are achieved: determine the scope of the incident, maintain and restore data and evidence, maintain and restore services, determine how and when the incident occurred, determine the causes of the incident, prevent escalation and further incidents, prevent negative publicity, penalize or prosecute the attackers, and report the incident depending on its severity to appropriate agency management (i.e., CISO). | | | | |
| 1. | Has your agency developed an incident response procedure as defined by DoITT's Incident Response Policy? | | | X | |
| 2. | Does the procedure classify incidents in accordance with DoITT's policy? | | | X | |
| 2. | Are system compromises defined and how these events are to be handled and | X | | | |
| 3. | reported described? Are information compromises defined and how these events are to be handled | 1 | | | |
| 4. | and reported described? | X | | | |
| _ | Is unauthorized access defined and how these events are to be handled and | X | | | |
| 5 | reported described? Is denial of service defined and how these events are to be handled and | | | | |
| 6. | reported described? | X | | | |
| 7. | Is the misuse of IT resources defined and how these events are to be handled and reported described? | X | | | |
| 8. | Are hostile probes defined and how these events are to be handled and reported described? | X | | | |
| 0. | Is suspicious network activity defined and how these events are to be handled | X | | | |
| 9. | and reported described? | Λ | | | |
| 10. | Is excessive junk mailing defined and how these events are to be handled and reported described? | X | | | |
| 11. | Is mail spoofing defined and how these events are to be handled and reported described? | X | | | |
| 10 | | X | | | |
| 12. 13. | Has an Agency Response Team been created and its responsibilities defined? Have procedures for this team been developed? | X | | | |
| 14. | If your agency has procedures do they include: incident detection, incident containment, incident resolution, incident handling, incident logging, and incident prevention? | X | | | |



| | | | Enter "> | (" below to indicate | answer | |
|----|---|--------|--|-----------------------------|-------------------|--|
| | | Yes | No | Partial Compliance | Not Applicable | |
| M | SINGLE AUDIT | | | | | |
| | The City receives federal funding and therefore must comply with the Federal Single Audit Act Amendments. These establish uniform requirements for audits of federal awards administered by states, local governments, and not-for-profit organizations (NPOs). Federal OMB Circular A-133, "Audits of States, Local Governments and Non-Profit Organizations" is the regulation issued by OMB to implement the Amendments. A-133 is effective for fiscal years beginning after June 30, 1996 and requires audits when an entity spends over \$500,000 in federal awards for fiscal years ending after 12/31/03 | | | | | |
| 1. | Was the agency/covered authority audited by the City's external auditors as part of the FY 2008 New York City Single Audit (i.e., external auditors conducted fieldwork at the agency)? | X | | | | |
| 2. | Was the agency/covered authority audited by external auditors in FY 2008 who subsequently issued a separate Single Audit report on the agency/covered authority? | X | | | | |
| 3. | Did the agency spend more than \$500,000 in federal awards in FY 2009? | X | | | | |
| 4. | Have all federal grants and other federal assistance been identified by federal funding source (CFDA#), including federal revenues, agency expenditures, and any adjustments? | X | | | | |
| 5. | Does the agency maintain a list of all subrecipients who receive federal funding through the agency? | X | | | | |
| | If the answer is "Yes," please provide an agency contact for the list. Agency Contact for List: | | V | Vilmer Ortiz | | |
| | Title: Telephone #: | Dire | | Grants Admin 12-788-4772 | istration | |
| 6. | Does the agency maintain a list of vendors who received payments for goods and services that were federally funded? | X | | | <u> </u> | |
| | If the answer is "Yes," please provide an agency contact for the list. Agency Contact for List: Title: | Assist | Sandy Rozza Assistant Commissioner, Budget and | | | |
| | Telephone #: | | | 12-788-5077 | | |
| 7. | Does the agency receive federal funds which it transfers/passes through to other city agencies/covered authorities? | X | | | | |
| | If the answer is "Yes," please provide an agency contact for this information. Agency Contact: | | Wilmer Ortiz | | | |
| | Title: | Dire | | Grants Admini | istration | |
| | Telephone #: | | 2 | 12-788-4772 | | |
| 8. | Does the agency receive federal funds from other city agencies/covered authorities? | X | | | | |

| | Enter "X" below to indicate answer | | | | |
|---|------------------------------------|---------------|-----------------------|-------------------|--|
| | Yes | No | Partial Compliance | Not Applicable | |
| If the answer is "Yes," please provide an agency contact for this information. Agency Contact: | ···· | | | • | |
| rigolog Contact. | | V | Vilmer Ortiz | | |
| Title: | Dire | ctor of | Grants Admin | istration | |
| Telephone #: | | | 12-788-4772 | | |
| Has the agency established a process for determining the difference between | | | | | |
| federal subrecipients and vendors in accordance with the Single Audit Act? | X | | | | |
| If the answer is "Yes," has the agency documented the process through written procedures? | X | | | | |
| If the answer is "Yes," please provide an agency contact for the written procedures. | | | | | |
| Agency Contact for written procedures: | Sandy Rozza | | | | |
| Title: | Assist | | mmissioner, Bu | adget and | |
| Telephone #: | | 21 | 12-788-5077 | T | |
| Has a specific individual been assigned to monitor all federal funding & applicable agency expenditures? | X | | <u></u> | | |
| If yes, give name of individual: | Sandy Rozza | | | | |
| Title: | Assist | | mmissioner, Bı | ıdget and | |
| Telephone #: | | 21 | 12-788-5077 | _ | |
| Has a specific individual been assigned to monitor Single Audit/A-133 | | | | | |
| compliance? Please identify below, if the individual is different from the one | X | | | | |
| identified in Question 10. | <u>L</u> | <u></u> | <u> </u> | <u> </u> | |
| Name of individual: | | | ara Packman | | |
| Title: | | | ant Commission | ner | |
| Telephone #: | - | 21 | 12-219-5044 | 1 | |
| Is a list maintained of subrecipients who directly contract for A-133 Audits themselves? | X | <u> </u> | | | |
| If the answer is "Yes," please provide an agency contact for the list. | | | | | |
| Agency Contact for List: | | | ara Packman | | |
| Title: | | ************* | ant Commission | ner | |
| Telephone #: | - | 2 | 12-219-5044 | T | |
| Does the agency follow-up on all A-133 related audits to ensure appropriate and timely corrective action (e.g., issue management decisions on audit | X | | | | |
| findings within six months of receiving the report)? | 1 | L | 1 | <u> </u> | |
| If the answer is "Yes," has the agency assigned this responsibility to a single | | | | | |
| individual or unit? Please identify below, if the individual is different from | | | | | |
| the one identified in Question 12. | | Ç. | ara Packman | | |
| Name: Title: | | | ant Commissio | ner | |
| Telephone #: | | | 12-219-5044 | 1101 | |
| Apart from A-133 requirements, does the agency employ CPA firms to | | | 12-217-3044 | | |
| conduct audits of agency funded services (i.e., delegate agency audits/Comptroller's Directive #5)? | X | | | | |
| Are the Procurement Policy Board Rules and Comptroller's Directive #5 | | | 1 | | |
| followed in procuring these additional audits? | X | | | | |

| | | | Enter "X | " below to indicate | answer | | |
|-----|--|-----|----------------------|-----------------------|-------------------|--|--|
| | | Yes | No | Partial Compliance | Not Applicable | | |
| 16. | Does the agency have procedures/practices to monitor agency expenditures apart from those covered by A-133 and delegate agency CPA audits? | X | | | | | |
| 17. | Has the responsibility for implementing and monitoring the effectiveness of the procedures in Question 16. been assigned to a specific individual? | X | | | | | |
| | If yes, give name of individual: | | Andrew Rein | | | | |
| | Title: | | COO/Exec. Dep. Comm. | | | | |
| | Telephone #: | | 21 | 12-788-5347 | | | |

TOTALS: 18 0 0

| | | | | Enter "X" below to indicate answer | | | | |
|----|----|--|----------|------------------------------------|-----------------------|-------------------|--|--|
| | | | Yes | No | Partial Compliance | Not Applicable | | |
| N | | LICENSES/PERMITS | | | | | | |
| | | The key elements are to ensure that licenses and permits are appropriately issued, accurately recorded, and any applicable fees received are promptly deposited and accurately recorded. | | | | | | |
| 1. | | Segregation of Duties: | | I | | | | |
| | a) | Are responsibilities for the authorization, preparation, issuance and recording of licenses segregated? | X | | | | | |
| | b) | Are the responsibilities for application review, recording cash receipts and inspection segregated? | X | | | | | |
| | c) | Are all new license/permit applications reviewed for completeness? | X | | | | | |
| 2. | a) | Recordkeeping: Are all application and renewal fees promptly recorded in FMS and deposited? | X | | | | | |
| | b) | Are individuals promptly notified if their applications are rejected? | X | 1 | † | | | |
| | | Is a permanent record of all issued licenses/permits maintained? | X | | 1 | | | |
| | d) | Is the disposition of all licenses/permits, including voids, maintained in a current log? | X | | | | | |
| | e) | Are post issuance checks performed on samples of approved licenses/permits to verify that all approval requirements had been met? | X | | | | | |
| 3. | | Safeguarding of Assets: | | | | ** | | |
| | a) | Are required bonds properly recorded and invested in interest-bearing accounts through the City Treasury? | | | | X | | |
| | b) | Are the blank, imprinted licenses/permits properly stored and secured? | X | | 1 | | | |
| | | Is a periodic inventory of blank licenses/permits made? | X | | 1 | †···· | | |
| | | Are the blank license/permit forms pre-numbered? | X | | 1 | 1 | | |
| | | Are the blank pre-numbered license/permit forms accounted for numerically, including voids? | X | | | | | |
| 4. | | Control Procedures: | | | | | | |
| | a) | Does the Licensing Department review all licenses/permits prepared by the Data Processing Department on a daily basis? | X | | | | | |
| | b) | Is the number of employees who are authorized to print licenses/permits restricted? | X | | | | | |
| | c) | Is there a daily reconciliation of the printed licenses/permits to the authorized | | | X | | | |
| | | licenses/ permits? | <u> </u> | <u> </u> | | | | |

TOTALS: 14 0 1 1

| | | | | Enter "X" below to indicate answer | | |
|----|----|--|-----|------------------------------------|-----------------------|---|
| | | | Yes | No | Partial Compliance | Not Applicable |
| О | | VIOLATIONS CERTIFICATES Violations should be appropriately issued and recorded promptly and accurately. Inspection and collection procedures should be adhered to and monitored. Following up on outstanding violations is important and may be the most significant control feature in the entire process. | | | | |
| 1. | | Segregation of Duties: Is the responsibility for issuing violation notices separated from the responsibilities for processing the notices or collecting the violation fees? | X | | | |
| 2. | a) | Monitoring Procedures: Are violation notices followed up in a timely manner when a violator fails to appear at a hearing? | X | | | |
| | b) | Is timely legal action taken when a violator fails to pay civil penalty fines? | X | | | |
| | c) | Is an accurate, up-to-date log maintained showing the status of each violation notice? | | | X | |
| | d) | Do controls over violation notices allow processing and collection of violation fines on a timely basis? | X | | | |
| | e) | Are controls in place and followed to ensure that Field Inspectors are following Agency Standard Operating Procedures in preparing violation notices? | X | | | |
| | f) | Are Field Inspectors prohibited from receiving cash/check payments for violations? | X | | | *************************************** |
| | g) | If Inspectors are allowed to accept cash/checks, are there controls that would mitigate the improper disposition of the cash/check? | | | | X |
| | h) | Are field Inspectors' routes periodically rotated? | X | | Ī | T |

TOTALS: 7 0 1 1

| | | Enter "X" below to indicate answer | | | | |
|-----|--|------------------------------------|----|-----------------------|-------------------|--|
| | | Yes | No | Partial Compliance | Not Applicable | |
| P | LEASES/CONCESSIONS/FRANCHISES | | | | | |
| | LEASES/CONCESSIONS/FRANCHISES - Agencies that have Lease, Concession and/or Franchise agreements should closely monitor the lessees', concessionaires' or franchisees' compliance with these agreements. Agencies must also follow the requirements established by the City Charter, section 371, and the Franchise and Concession Review Committee. Fulfilling legal and monitoring requirements will enhance internal controls in this area. | | | | | |
| 1. | Is certification obtained that the proposed lessor has fully satisfied all tax obligations outstanding as of the date of the lease? | X | | | | |
| 2. | Are copies of lease/concessions maintained with a current name and address of the party to whom the billings are to be sent? | X | | | | |
| 3. | Are proposed authorized resolutions submitted to the Mayor for all franchises after 1/1/90? | X | | | | |
| 4. | Are all franchises after 1/1/90 reviewed and approved by the Franchise and Concession Review Committee? | X | | | | |
| 5. | Do all concessions after 1/1/90 comply with the procedures established by the Franchise and Concession Review Committee? | X | | | | |
| 6. | Are all concessions after 1/1/90 that differ from the procedures established by the Franchise and Concession Review Committee (except those not subject to renewal and with a term of less than 30 days) reviewed and approved by the Committee? | X | | | | |
| 7. | When franchise agreements after 1/1/90 include rights of renewals, are the renewals less than an aggregate of 25 years? | X | | | | |
| 8. | Was a public hearing held, before each franchise contract, in accordance with the regulations of the City Charter, Section 371? | X | | | | |
| 9. | Has a copy of each concession agreement been registered with the Comptroller? | X | | | | |
| 10. | Are formal standards used to prepare estimates for alteration costs of leased space? | X | | | | |
| 11. | Does management formally review and approve cost estimates for alteration costs of leased space? | X | | | | |
| 12. | Are all bids that are obtained by the lessor for alteration costs reviewed by the agency? | X | | | | |
| 13. | Is compliance to prior contract requirements verified, before authorizing contract renewals? | X | | | | |
| 14. | Does this compliance check include follow up to determine if any additional assessments per audit have been collected? | X | | | | |

TOTALS: 14 0 0 0

| | | Enter "X" below to indicate answer | | | |
|----|--|------------------------------------|----|-----------------------|-------------------|
| | | Yes | No | Partial Compliance | Not Applicable |
| Q. | INTERNAL AUDIT FUNCTION | | | | |
| | The existence of an internal audit function in an agency is an aid in establishing and monitoring internal control procedures. The Internal Audit group should be familiar with GAO's yellow book requirements (generally accepted government auditing standards - GAGAS, July 2007 Revision) and may be required to follow its requirements if the agency or the function/program to be audited is federally funded. The key requirements are that the staff be independent, trained, competent and provide the agency with audit/review results and recommendations. | | | | |
| | The head of the internal audit function traditionally reports administratively to the head of the organization and functionally to the Audit Committee (if one exits). | | | | |
| | The "Audit Committee" may be defined as a body charged with the responsibility of providing oversight of the entity's financial reporting process (including the internal control environment). The Audit Committee's responsibilities generally include: | | | | |
| | - Ensuring the independence of the external auditors, and the adequacy of their audit scope | | | | |
| | Approving the scope of the internal audit plan, ensuring the quality of the Internal Audit Function by requiring adherence to professional standards, and responding to issues that may be raised by the Internal Audit Function - Setting the tone for integrity in the financial reporting process, and - Ensuring that any reports to external regulators are accurate and filed in a timely manner. | | | | |
| 1. | Does the agency have an internal audit function to examine and evaluate the adequacy and effectiveness of its policies and procedures? | X | | | |
| 2. | If the agency has no formal internal audit function: a)are built-in internal checks in place? | | | | X |
| | b) are self assessments or management reviews conducted at least annually? | | | | X |
| | c) are risk assessments or management reviews discussed with officials/managers who are authorized to take action on findings/conditions and proposals/recommendations? | | | | X |
| 3. | Does the internal audit function follow Generally Accepted Government Auditing Standards (GAGAS), i.e., the GAO Yellow Book? | | | | X |

| | | | Enter "X" below to indicate answer | | | answer |
|----|----|---|------------------------------------|----|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| 4. | | Does the internal audit function adequately cover all of your audit concerns? | | | X | |
| 5. | | Has your internal audit function been affected by any recent organizational changes: Unaffected? | X | | | |
| | | Positively affected? | X | | | |
| | | Negatively affected? | | X | | |
| 6. | | Has the number of reports or the scope of completed audits been affected by any recent organizational changes: Unaffected? | | X | | |
| | | Positively affected? | | X | | |
| | | Negatively affected? | | X | | |
| 7. | | Has the contracting out of a significant internal audit workload resulted in more effective audit coverage? At the same or less cost? | | | | X X |
| 8 | | General Audit Standards: | | | | Λ |
| 0 | a) | Are there adequate controls to ensure that the internal audit staff collectively possess adequate professional proficiency for the tasks required? | X | | | |
| | b) | Is the internal audit unit organizationally independent of the staff or line management function of the audited entity? | X | | | |
| | c) | Does the internal audit unit follow up on findings and recommendations from previous internal and external audits that could have an effect on the current audit objectives? | X | | | |
| | d) | Has the internal audit unit established a system of internal quality control to provide reasonable assurance that it is following prescribed audit policies and procedures, and that it has adopted and is following applicable auditing standards? | | X | | |
| | e) | Has the internal audit unit established procedures to determine whether the staff assigned had any personal impairments that could prevent them from reporting audit findings impartially? | X | | | |
| 9. | a) | Field Work Standards: Does the unit prepare an annual audit work plan based on a risk assessment analysis? | X | | | |
| | b) | Was a written audit program prepared for each audit assignment? | X | t | l | |
| | c) | Does the audit program detail the audit steps, procedures, and methodologies to be followed by the assigned staff? | X | | | |
| | d) | Does the unit maintain adequate controls to ensure that its audit staff is properly supervised? | X | | | |
| | e) | In conducting the audit, does the audit team make an assessment to determine if the audited entity is complying with applicable laws and regulations? | X | | | |
| | f) | In conducting the audit, does the audit team assess the effectiveness of the audited entity's internal control structure relating to the audit objectives? | X | | | |

| | | | | Enter "X | " below to indicate | answer |
|--|----|--|-------|-------------|-----------------------|-------------------|
| | | | Yes | No | Partial Compliance | Not Applicable |
| | g) | Is the audit designed to provide reasonable assurance of detecting abuse or illegal acts that could significantly affect the audit objectives? | X | | | |
| | h) | Are there adequate controls to ensure that the audit team collect sufficient competent evidential matter to afford a basis for an opinion? | X | | | |
| 10. | a) | Reporting Standards: Are written reports prepared detailing the audit findings and recommendations? | X | | | |
| | b) | Are audit reports issued on a timely basis? | X | | | |
| | c) | Are audit reports distributed to officials/ managers who requested the audit and/or who are authorized to take action (s) on audit findings and recommendations? | X | | | |
| 11. | | Does the head of the Internal Audit Function report to the chief executive of the agency? | | X | | |
| If not, please identify the agency executive to whom the head of Internal Audit does report. Name: Andrew Rein | | | | .ndrew Rein | | |
| | | Title: | COO/I | Executiv | ve Deputy Con | nmissioner |

Additional questions follow; see note below.

TOTALS: 18 6 1 6

| stateme | The remaining questions - # 12 through # 17 - only apply to agencies ents; i.e., independent agencies. If this describes your agency, entervise, STOP HERE. Independent agency issuing own financial statements | | |
|---------|--|------|---|
| 12. | Is your agency responsible for issuing its own financial statements? | | X |
| 13. | If your agency is responsible for issuing its own financial statements, does your agency have an Audit Committee? | | X |
| 14. | Are a majority of the Audit Committee members independent of agency senior management? | | X |
| | Are some members totally independent of the agency? | | X |
| | Are some members totally independent of the City? | | X |
| 15. | Is there a written Charter specifying the Audit Committee's responsibilities, administrative structure, and rules of operation? | | X |
| 16. | Is the Audit Committee responsible for: | | X |
| a) | overseeing the agency's financial reporting process? | | Λ |
| b) | participating in the selection of the agency's external auditing firm? | | X |
| c) | ensuring the independence of the external auditors? | | X |
| d) | ensuring the adequacy of their audit scope? | | X |
| e) | approving the scope of the agency's Internal Audit Plan? | | X |
| f) | ensuring the quality of the Internal Audit Function by requiring adherence to professional standards? | | X |

| | Enter "X" below to indicate answer | | | | |
|---|------------------------------------|----|-----------------------|-------------------|--|
| | Yes | No | Partial Compliance | Not Applicable | |
| g) addressing issues raised by the internal audits? | | | | X | |
| h) monitoring compliance with the agency's governing Board policies? | | | | X | |
| 17. Does Internal Audit report its audit findings to the Audit Committee? | | | | X | |

TOTALS:

AGENCY: Department of Health and Mental Hygiene

NEW YORK CITY COMPTROLLER'S OFFICE CALENDAR YEAR 2009 CHECKLIST AGENCY EVALUATION OF INTERNAL CONTROLS DIRECTIVE # 1

AGENCY'S EXPLANATION OF ALL "NO" AND "PARTIAL COMPLIANCE" RESPONSES

| Part Letter | Question # | Explanation |
|-------------|------------|---|
| Part A | 6. a-c | Partial. Although DOHMH continues to achieve most goals and targets; certain programs have not fully met stated expectations. DOHMH conducts internal performance reviews to foster early identification of areas that are falling short of targets and implement corrective actions. |
| Part A | 8. a,d | Partial. Periodically, in the course of reviews of operational and administrative processes and outcomes, the need to revise outdated policies and procedures is identified. DOHMH is conducting more frequent risk surveys, assessments and audits to ensure that policies and procedures throughout the agency are up-to-date, and that they have been communicated appropriately. Policies and procedures are also regularly updated to reflect new technologies and new best practices. |
| Part A | 8. b | Partial. The Agency identified exposures in its monitoring of compliance with certain Article 28 mandatory reporting requirements pertaining to timely filing Certificate of Need applications and Medicaid Cost Reports. The Agency also identified weaknesses in collecting complete clinical data regarding services provided and in vendor's system capabilities to support completion of Medicaid Cost Reports. The Divisions of Finance and Planning and Administrative Services are enhancing process and system controls to address these concerns. To date, the Agency has filled required Certificate of Need applications and is exploring ways to obtain necessary information for filing required reports. |
| Part A | 14 | Partial. See Turnover Rate Report |
| В | 2a | Partial. In the Office of Vital Records, receipts are processed by the Cashiering Unit, picked up by the armored car service for deposit on the next business day. Checks received in the mail for certified copies of birth and death certificates are locked in a safe until they are reviewed and processed for deposit. Management's objective is to increase the online application for birth and death certificate orders which will reduce the number of checks received by mail. |
| Part B | 2f, g, h | Partial. The Office of Vital Records receives a very large volume of mailed-in requests that are placed unopened in a secure cabinet until the requests are reviewed, and the checks endorsed and processed. The Cash Management System operators endorse checks and money orders when they process them, which is separate from the accounting unit. Checks are listed and grouped on the deposit slips by amount, and receipts are reconciled to deposit slips. An armored car service picks up the checks for delivery to the bank within 24 hours of processing except for receipts collected at the Burial Desk on weekends. These receipts are kept in a safe until Monday's pick-up. Management is enhancing its online credit card orders process in order to increase its utilization. |
| Part B | 20 | Partial. The high volume of checks received by Vital Records precludes preparing an individual checklist. Checks are listed and grouped on the deposit slips by amount. |
| Part C | 3 | No. A separate bank account for petty cash is not maintained because the agency maintains an insignificant petty cash amount (\$3k). |
| Part C | 14 | No. Petty Cash slips downloaded directly from the internet are not pre-numbered. |

| Part Letter | Question # | Explanation |
|-------------|------------|--|
| Part D | 2a | Partial. Clinics may not always collect complete and accurate data for billing. Clinic's administrative systems are not adequate to support complete and accurate billing for service provided. To address process and system deficiencies, Disease Controls and Finance and Planning are developing action plans that will include developing policies and procedures for data capture of all services provided at the point of service, claim processing that includes quality assurance reviews prior to billing third-party public and private insurers, review and resolution of claim denials and reconciliations of amounts billed versus amount collected. Our action plans will also include activities performed by DOHMH's billing agent. |
| Part D | 4. a & b | Partial. A formalized write-off policy for all receivables has not been completed. A formal write off procedure has been developed for the Administrative Tribunal fines and is currently being developed for other outstanding receivables. |
| Part E | 5. j | Partial. There is a delay in processing invoices (10 to 20 days). Approval for payment in a timely manner is contingent upon the timely receipt of the receiving report and inspection report from the receiving unit. Internal Accounting is following up with the receiving units to ensure timely submission of receiving and inspection reports. Vouchers are processed promptly when payments are authorized. Internal Accounting also takes advantage of payment discounts (2/10, net 30 days). |
| Part F | 1e | Partial. DIIT NT Server technicians has conducted physical comparisons against the inventory system since 2009 at most DOHMH sites. Since the physical count is labor intensive, it is not performed on a regular basis. A comprehensive survey is scheduled to be conducted every two years. This survey will be used to update the inventory system where it is not consistent with physical inventory. In addition, to enhance agency-wide inventory controls, DOHMH is phasing in a new automated inventory system (PRISM). |
| Part F | 1.f. | No. While DIIT field staff oversee assets in Bureau offices; units do not always have staff assigned to independently conduct a physical inventory. Bureau staff are responsible for the appropriate use and physical maintenance of equipment. For example, Disease Control will assign an independent staff person outside the unit for periodic review. |
| Part F | 1h | Partial. All equipment may not be tagged. Inventory tagging is based on each equipment's manufacture serial number. Equipment purchased by grants are labeled per the specifics of each grant. |
| Part F | 2d - 2o | Partial. Capital eligibility is clearly defined for computer hardware. The Finance and Planning Division decides and supervises the purchase and usage of computer hardware defined as capital assets. |
| Part H | 1. i | Partial. Internal IT security audit has been defined as the Security Office's responsibility. All applications must be tested before going live. Security assessment of new agency applications is part of the application development/procurement process. The IT Security Office is currently launching an RFP to select external vendors to address DOHMH IT security audit needs. Assessment results will be shared with Audit Services. |
| Part H | 5. a | Partial. Each mainframe application has its own approach regarding documentation. However, mainframe applications are being phased out and the need to standardize their documentation will no longer be applicable. |
| Part H | 5. b.iv | No. DOHMH has no need to continue to develop any new mainframe based applications. Currently, we are maintaining a few mainframe based applications and are planning to retire all of them in Fiscal Year 2011. |
| Part H | 5. d | Partial. Some of these applications are over 15 years old and may not have current standards. For "newer" mainframe applications, there are programming standards. We don't plan to update standards because all mainframe applications are to be retired. |
| Part H | 5. f | Partial. Documentation for older mainframe systems is not extensive. Grant funding (UASI) is being used to expedite the move of Electronic Vital Events Registration System (EVERS) off the mainframe. The web-based Tuberculosis Registry System is already in development and will be launched by mid-year 2010. |
| Part H | 7. f | No. Users can not dial into DIIT's mainframe systems. We will not change users' inability to access mainframe applications remotely since mainframe applications are being phased out. |

| Part Letter | Question # | Explanation |
|-------------|------------|--|
| Part H | 8.f | Partial. The basic information available from the mainframevia console or some of the |
| | | printouts availableis sufficient for DOHMH needs. DIIT management does not have access |
| | | to DOITT's mainframe to review detailed analysis of a particular problem. |
| Part H | 9.e | Partial. DOITT manages disaster recovery issues for DOHMH mainframes. Nevertheless, we |
| | | have some ability to perform recovery with respect to our mainframe operators and users. For |
| | | example, if terminals fail, we can emulate terminals on a PC. We also have the capacity to |
| | | recover local connectivity as needed. |
| Part H | 9.g-h | Partial. DOHMH is ready to participate with DOITT when the latter conducts disaster |
| | | recovery testing. We are not privy to a set schedule, e.g. semi-annual or otherwise, when |
| - | - 1 | DOITT creates such tests. |
| Part I | 1.b | Partial. Every attempt is made to comply with DoITT policies. We comply to some degree; |
| D . I | 1 - | and discuss with DOITT whether deviations can be accepted. |
| Part I | 1.g | Partial. Inventory tagging is based on each equipment's manufacture serial number. |
| Dont I | 2.4 | Equipment purchased by grants is labeled per the specifics of each grant. |
| Part I | 3.d | No. DOHMH does not own a mainframe computer and DOHMH functionality is not being |
| Part I | 5.b | designed for the mainframe due to the flexibility of web-based applications. No. DIIT purchases all necessary IT equipment from the State Office of General Services or |
| 1 att 1 | 3.0 | the Fed's GSA contracts, therefore, the risk of vendor failure has been minimal in the past. |
| | | However, due to the current nationwide economy difficulties, some contracted vendors have |
| | | filed Chapter 11. Gateway is an example of this, which directly affects the DOHMH as we |
| | | still have 900 PCs and 30 servers that are under Gateway's extended warranty. Low risk |
| | | iustifies not taking further action. |
| Part I | 7.a,b | Partial. We maintain a list for Agency- wide applications that are being developed. The list |
| | | excludes smaller applications developed or acquired by Bureaus on their own. Enforcement of |
| | | IT Governance policy, which was disseminated agency- wide in 2007 requires the bureaus to |
| | | obtain DIIT's authorization prior to system's purchase. According to DoITT guidelines, the |
| | | majority of our applications do not require DoITT accreditation. We will update the list to |
| | | include information about DoITT accreditation. |
| Part I | 7.b.i | Partial. A new IT governance process was implemented in 2007 and communicated to all |
| | | divisions. The approval level for a new system depends on the system's monetary value. |
| | | Systems with a total cost exceeding \$1 million over a 5 year period require approval of the IT |
| Part I | 7.b.ii | steering committee, the Chief Operating Officer and DIIT. No. Only those applications hosted at DoITT's DMZ are approved by city-wide CISO. |
| Part I | 8.a | Partial. Although equipment is not always bolted, program offices are locked, and there is |
| Tarer | 0.4 | building-level security. Smaller data centers have 24x7 video monitoring (lights left on at all |
| | | times) and have key card access. In 2008, a new centralized data center with high security |
| | | features was built and since then, most DOHMH servers were moved to that location. Central |
| | | Data Center is highly secure, behind 3 doors requiring electronic keycard access and under |
| | | 24X7 video surveillance. Bureau servers (HIV, Lead) that are not in the central data center are |
| | | being moved to the central Data Center in 2010 and 2011. |
| | | |
| Part I | 8.b | Partial. The new data center has fire prevention and detection capabilities. As various |
| | | equipment migrates to the new data center, key servers, workstations, etc. will have such |
| | | protection. Further, most confidential and critical data is typically backed up nightly from |
| | | network drives. Even if a workstation were damaged, its data should be recoverable in most |
| | | instances from the nightly back-up of network drives. Fire detection and protection capability |
| | | will be implemented in the new Long Island City facility. |
| Part I | 8.c | Partial. Systems "lock" via an automatic screen saver, but users are not logged off |
| 1 ult 1 | 0.0 | automatically. Users must log off themselves. Users cannot access the system without |
| | | appropriate user ID and password. |
| Part I | 8.e.ii | No. Password modifications are not manual and are enforced at the network level. A new |
| | | electronic password security procedure was implemented throughout the agency during 2009. |
| | | Users are periodically notified (via automatic system) that they need to change password, and |
| | | changes can be processed electronically. |
| | _ | |

| Part Letter | Question # | Explanation |
|-------------|------------|---|
| Part I | 8.g | Partial. DIIT requires workstations with access to sensitive data to be shielded from view of unauthorized personnel. Protective monitor screens are used and precaution is included in the Agency's confidentiality policy and procedures, disseminated to all staff. Individual bureaus that handle confidential/sensitive data also limit physical access to authorized staff. However, DOHMH does not monitor compliance with this requirement. As budgetary limitations give way to permit more auditing of DOHMH facilities, deviation from compliance will be identified and an action plan will be initiated to install additional controls at workstations where sensitive data may be casually seen by unauthorized passerbys. Physical security limiting personnel authorized to be in a particular location also ensures that confidential/sensitive data remains safe and employees handling sensitive confidential data are required to sign confidentiality statements. |
| Part I | 9.c | Partial. It is not possible to monitor local use of applications (e.g., Microsoft Word). Logins are monitored, and individual server-managed applications maintain their own transaction logs. |
| Part I | 9.n | Partial. See response to (I)8.c. Unauthorized users cannot access the system without appropriate user ID and password; system access does not provide access to previous user's work/data even if that user did not previously log off. |
| Part I | 10.a.i | Partial. Under Microsoft Active Directory, monitoring individual workstations is no longer possible. Activities such as checking for installed software, assessing memory usage, assessing CPU utilization, and other workstation monitoring cannot be easily done. Microsoft provides a workstation monitoring tool (SMS), which we have purchased but not yet implemented. Having such monitoring is not required but will improve the ability to ensure appropriate policies are followed. Workstation monitoring tool (SMS) is available. Currently, we are deploying Whitelisting Solution, an enterprise application that allows desktop auditing for licensed and unauthorized software; management of desktop application installment and use authorization; ability to lock down all desktops in case of security threats from virus, worms, etc. Also, we have already deployed Network Intrusion Prevention Systems in the Data Center and on connections to DoITT for antivirus scanning and configuration of alerts and line-speed elimination of malicious traffic. |
| Part I | 10.a.ii | No. Under the Microsoft Active Directory infrastructure it is not possible to monitor more detailed workstation activities other than just basic network activities. Monitoring workstation utilization across the Agency is not required. If there is a problem, the user can call the help desk to address it. Servers are monitored more closely. |
| Part I | 10.e | Partial. The user administrator is not required to review any workstation reports, and this function is not centralized to a particular workstation. However, servers along with the critical data they contain are often monitored. Qualys scanning is done monthly to capture security vulnerabilities on workstations. |
| Part I | 12.k | Partial. Disaster Recovery (DR) capabilities are spread out over several documents within DOHMH and there is no current comprehensive document. DIIT is currently coordinating the development of an agency-wide DR plan. This plan will be developed in coordination with the Continuity of Operations Planning (COOP) Officer, Bureau of Emergency Management (BEM) and the agency's business divisions. |
| Part I | 14.a, c | Partial. Older applications may not have sufficient documentation. We plan to retire legacy applications by July 31, 2010 |
| Part I | 14.d.vi | Partial. The documentation may not always contain formulas but some formulas can be readily made available. |
| Part I | 14.e | Partial. Most current applications have audit trails and they are used if there is a problem or to understand what led to a particular event. However, they are used on an exception basis and are not used to monitor system and to track anomalies. Documentation of usage rarely exists. A process was introduced in 2008 for creating audit logs for newly developed web applications. Newly initiated SDLC more specifically defines the kind of logs required and monitoring routine. Logs exist for troubleshooting errors. |

| Part Letter | Question # | Explanation | | | | |
|---------------|------------|--|--|--|--|--|
| Part I | 16.j | Partial. We are not concerned about transmitting "public" data over public lines. DOHMH policy requires encryption of sensitive data. Security assessments of new applications and application changes where confidential data will be transmitted over public networks, such as Internet, require encryption before deployment. Approvals for capital funds for purchase of Data Leak Prevention and email encryption solutions are pending. Programs that routinely exchange confidential/sensitive data with community partners (healthcare providers, | | | | |
| | | laboratories, other agencies, such as CDC or other health departments) have policies and procedures precluding transmission of unencrypted data. Secure messaging system applications are used (e.g., PHINMS). | | | | |
| Part I | 16k | Partial. The Agency observes DOITT's Wireless Security Policy and industry best practices when wireless services are deployed to Agency desktops. A DOHMH draft version of the Wireless Security Policy has been developed and is currently under review. | | | | |
| Part I | 17.c,d | No. It is not easy to prevent someone from opening the cover and removing some of the innards in the machines we purchase today (and in general for all PCs today). PC bolting is not possible. To the extent possible, other physical and behavioral policy safeguards are in place, but DIIT does not police compliance across agency. | | | | |
| Part I | 18.c | Partial. We know where the majority of critical Agency data resides. We have a policy regarding the storage of critical data and are enforcing it. We have not begun a formal Agencywide data classification process. We have submitted an RFP to select a vendor(s) to develop a formal Agency-wide data classification policy and process. | | | | |
| Part I | 18.f | Partial. Per DOHMH's policy, critical and sensitive data that is on secured network shares is backed up to tape and encrypted. Encryption may be inconsistent for data residing on local drives. A Data Loss Prevention solution would identify potential loss of sensitive or critical data. However, approval of Data Leak Prevention solution purchase is pending. | | | | |
| Part I | 18.h.i-v | Partial. Access to applications is addressed in I.14(e). Access to workstations themselves is managed by Windows' logging feature. However, not all accesses to sensitive data may be recorded with Windows. The Data Loss Prevention platform would help manage the risk. However, approval of purchase of Data Leak Prevention solution is pending. | | | | |
| Part I Part I | 18.j | Partial. Standardized file transfer formats are employed whenever possible. We combine formats and use similar formats whenever possible, e.g., for similar applications and for similar types of data transfer. Partial. We established specific policies regarding when data may be accessed or downloaded, and who is authorized to do so in specified circumstances. Critical data can be downloaded for both analysis and transportation. There are Agency-wide policies that prohibit and permit various uses of critical data. The Agency has purchased encrypted USB drives so that if critical or sensitive data must be transported to another location, data will be encrypted. A Data Loss Prevention solution would identify potential loss of sensitive or critical data. DIIT does not oversee data handling by Bureaus/Programs for analysis or transport. | | | | |
| Part J | 2 | No. We don't use DOITT's filtering as we have our own web content filtering, Websense. | | | | |
| Part J | 12 | Partial. We have pursued accreditation for applications that we know have had to be accredited and older applications that have not changed are continuing to be used as before. We will review with DoITT and seek their assistance in identifying the applications that require accreditation. Partial. Many of the Agency's laptops and USB drives that have been recently purchased and a | | | | |
| | _ | few databases across the Agency do have and use encryption capability. It is also Agency policy that all future laptops and transportation of sensitive data across physical facilities use these encrypted USB drives. Older laptops and some other media may not be encrypted. A policy has been disseminated to staff agency-wide in February 2010. New mobile equipment and portable storage purchased since 2009 have encryption capability installed. Encryption is installed for older laptops and media that are found to not have been encrypted. | | | | |
| Part J | 13 | Partial. Most of the hardware is inventoried, but as indicated before, bureaus purchase their own hardware and may not always notify DIIT. The purchase policy requiring DIIT involvement/notification, depending on cost, was disseminated agency-wide in May 2009. | | | | |

| Part Letter | Question # | Explanation | | | | | |
|-------------|------------|--|--|--|--|--|--|
| Part J | 14 | Partial. See I.8(a). | | | | | |
| Part J | 16 | Partial. We permit consultants/vendors to download information. Some of it is public information. We require encryption of sensitive data in motion. We also require consultants/vendors to sign confidentiality agreements. DIIT consultants follow the same policies and procedures as DOHMH staff who may have access to sensitive data. | | | | | |
| Part J | 17 | Partial. Penalties for unauthorized downloading are not consistently spelled out in all DOHMH contracts. New contracting language has been created in 2008 was introduced into actual contracts in 2009 to make vendors/consultants more accountable to DOHMH from a security point of view. DIIT will work with ACCO and Procurement to ensure the language is inserted in all purchase documents, also programs are aware of this requirements. | | | | | |
| Part J | 19 | Partial. See I.14(e). Newly initiated SDLC more specifically defines the kind of logs require and monitoring routine. | | | | | |
| Part K | 1 | No. Classifying all data at DOHMH is a mammoth undertaking. There are thousands if not tens of thousands of documents, files, databases, voicemails containing data. During security assessment of an application or program, the nature of the data is considered and specific controls are implemented. A Data Loss Prevention solution would also greatly facilitate classification. During the 4th quarter of FY2009, 400 applications across the agency were classified; this classification will serve as the basis for continuing security testing. The approval of purchase of Data Leak Prevention solution is pending. | | | | | |
| Part K | 2 | No. As indicated in K.1, generally, we have not classified data. We classified data for a few applications that had to be submitted to DOITT for accreditation. We also have a similar leve of DOHMH data classification that we follow in routine cases when we have to consider security controls for DOHMH. | | | | | |
| Part K | 3 | Partial. When the Agency CISO gets involved in a security assessment, he becomes the Data Steward, with input from the business owner. The CISO will function as the Data Steward as needed. | | | | | |
| Part K | 4 | Partial. We have robust database platforms supporting many databases that can support transaction reconstruction for various failing conditions, such as database-down conditions, etc. Depending on the availability of logging within applications, it may or may not be possible to reconstruct what a failing transaction attempted to do. See I.14(e) for how we will handle logging in the future. Transaction management is handled at database level; transaction | | | | | |
| Part K | 5 | logs are integral to normal database management. Partial. As indicated before in I.16(k) and I.18(d) and (e), security policies have been established but whether the entire Agency is in compliance is not always clear. | | | | | |
| Part K | 6 | Partial. See I.14(e), for audit logs commend and track user activity. | | | | | |
| Part L | 1 | Partial. A basic incident response process is already in place. We have submitted an IT security RFP to select external consultants to assist with enhancing the process. 1. Vendor assistance is expected in 2010. 2. We also work with DoITT who identifies specific threat or incident and notifies DOHMH DIIT to address them. We report back to DoITT when the conditions have been rectified. | | | | | |
| Part L | 2 | Partial. We have not formally developed incident procedures in accordance with DOITT. When developed, the procedures will incorporate some level of DOITT's classification of incidents as well as DOHMH's, which may not always be the same. | | | | | |
| Part L | 15 | Partial. We have attached the current incident response procedures related to confidentiality loss. The broader and more in-depth security incident response procedures have not yet been completed. | | | | | |
| Part N | 4C | Partial. CAMIS System (City Agencies Management Information System) at City Department of Consumer Affairs (DCA) allows the license and permit documents to be printed when a proper authorization code is entered by an authorized staff person and only if the payment has been processed prior to this. Therefore, the necessary controls are in place to prevent unauthorized approval of license and permit documents. However, the licenses and permits issued for DOHMH at DCA are not separately reconciled daily to the applications authorized and printed. | | | | | |
| Part O | 2C | Partial. Veterinary Public Health Services (VPHS) maintains a database with all inspection results, including all docket numbers issued. However, hearing results, returnable from the Administrative Tribunal are not currently maintained on the system. CAMIS will be updated to allow VPHS to capture such data. | | | | | |

| Part Letter | Question # | Explanation | | | |
|-------------|------------|--|--|--|--|
| Part Q | 4 | Partial. Audits are selected based on risk assessments with the intention of addressing major | | | |
| | | issues on a multi-year cycle. | | | |
| Part Q | 8 d | Partial. The Internal Audit unit has a system of supervisory oversight to ensure that audit work | | | |
| | | follows agreed-upon-procedures. Certain audit procedures incorporate standards from the | | | |
| | | Yellow Book that help ensure that the audit findings are adequately documented and | | | |
| | | reasonably reflect the system of controls found during the review/audit. In addition, reports | | | |
| | | disclose audit findings to senior officials, incorporate management's response, and planned | | | |
| | | actions to close the issues. | | | |
| Part Q | 11 | No. As of December 31, 2009, the internal audit function reported to COO/Executive Deputy | | | |
| | | Commissioner. Since March 2010, Internal Audit reports to the Deputy Commissioner for | | | |
| | | Administration who reports to DOHMH Commissioner. | | | |

RESULTS OF EVALUATION

| | | Yes | No | Partial Compliance | Not Applicable |
|--------|--|-----|----|-----------------------|-------------------|
| Part A | Effectiveness and Efficiency | 31 | 0 | 8 | 1 |
| Part B | Cash Receipts | 22 | 0 | 5 | 0 |
| Part C | Imprest Funds | 12 | 2 | 0 | 0 |
| Part D | Billings and Receivables | 14 | 0 | 3 | 0 |
| Part E | Expenditures and Payables | 40 | 0 | 1 | 3 |
| Part F | Inventory | 10 | 1 | 14 | 0 |
| Part G | Payroll and Personnel | 31 | 0 | 0 | 0 |
| Part H | MIS - Mainframe and Midrange | 61 | 3 | 8 | 23 |
| Part I | MIS - PCs and LANs | 118 | 7 | 29 | 15 |
| Part J | Internet Connectivity | 14 | 1 | 7 | 0 |
| | Risk Assessment, Data Classification & | | | | |
| Part K | Information Security | 1 | 2 | 4 | 0 |
| Part L | Incident Response | 12 | 0 | 3 | 0 |
| Part M | Single Audit | 18 | 0 | 0 | 0 |
| Part N | Licenses and Permits | 14 | 0 | 1 | 1 |
| Part O | Violations Certificates | 7 | 0 | 1 | 1 |
| Part P | Leases, Concessions, Franchises | 14 | 0 | 0 | 0 |
| Part Q | Internal Audit Function | 18 | 6 | 1 | 6 |
| GRANI | TOTALS: | 437 | 22 | 85 | 50 |

Results of Evaluation Page 1 of 1