

# **TECHNICAL MEMORANDUM 2-4**

## **Audit the Billing Engine and Database**

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This memo constitutes the deliverable for Phase 2 Task 4 of the contract between The Abrahams Group (TAG) and the City of Brockton. The information documented in this memo was compiled over the course of multiple interviews with the Department of Public Works (DPW) and fiscal staff and reviews of both paper and digital documentation kept in both the DPW's files, as well as the City's MUNIS Utility Billing database.

### **PLAN OF SERVICE**

The objectives of this task are to gain confidence in billing, to ensure that the DPW has what it needs to resolve disputes, see trends and to manage the system. To complete Phase 2, Task 4, we:

- A. Reviewed the billing staff's use of the MUNIS Utility Billing Database and Operations Manual for the following:
  - 1. Ability to document meter location and reading type.
  - 2. Generation of monthly commitment reports.
  - 3. Preparation and management review of the detail water and sewer commitments by account type.
  - 4. Standard and custom reports on monthly data on revenue from fees, liens, abatements and/or refunds, etc. by account type.
  - 5. Management Reports on QA/QC steps to review "exceptions" such as abnormally high readings, low readings, negative readings, or zero reading on accounts.
- B. Reviewed the storage and access of consumption data (actual and estimated), billing and payment history, and current account status. Assessed current and four preceding fiscal years of billing records to determine the proportion of reads which have been estimated of that time period.
- C. Reviewed methods of QA/QC on "receiving end of data entry" in the MUNIS software.
- D. Reviewed the procedure for Water Commissioners' and DPW Commissioner's approval of the water and sewer commitment prior to bill issuance, including methods for review and analysis of water and sewer commitments, typical actions on unusual or extraordinary commitments, and verification activities prior to obtaining the DPW Commissioner's and Water Commission's approval for committing the bills to the Collector.
- E. Commented on whether the current MUNIS software system is properly calculating the water and sewer use billings based upon the set block water rates and sewer rate. Performed a sampling of 200 targeted accounts and recalculated the bills based upon reported usage. Should the 200 targeted accounts fail to capture the full range of billing and metering problems, we will notify the City immediately to provide supporting documentation and discuss the immediate next steps.

- F. Prepared a Technical Memorandum on the adequacy of training for Water Utilities Division staff operating the MUNIS software utilities billing (U/B) module, including the following:
1. Applicability and usefulness of the pre-existing "drop down" reports from MUNIS's U/B module and discussion of other custom crystal reports we have created for clients.
  2. Perform a walk-through of inputting water user meter read use with the Utilities Division billing staff for both manual and automatic import or upload of data into the MUNIS utilities module for bill processing and check for accuracy of processing the data as to volume and billing extension subject to the water block rates and sewer block rates.

**FINDINGS**

**A. Review the billing staff's use of the MUNIS Utility Billing Database and Operations Manual for the following:**

The Billing Office does not have a MUNIS Utility Billing Database and Operations Manual; therefore a review of the manual could not be performed.

Billing clerks routinely search the database to get answers to their questions as they arise and share such information with the other clerks in the office. When clerks have a question on to how perform a function in MUNIS, other clerks or the head billing clerk is typically asked for help. Next, they would look through the database and finally, they would make a call to MUNIS support.

**A-1 Ability to Document Meter Location and Reading Type**

The MUNIS meter read route file identifies the location of meter reading devices, but not meter locations within individual customer properties. Meter locations are not included in the MUNIS database, nor are any records of their location maintained by the City. Approximate numbers of customer accounts in each of the three districts from the November 2010 billing are as follows:

District 1	6,034
District 2	7,749
District 3	<u>8,498</u>
Total	22,281

Small variations from these numbers occur from quarter to quarter due to meter removals and new construction. Thus the number of 22,300 accounts will be used throughout the remaining Technical Memorandums.

In addition to the above numbers there are also the following installations which are for Fire Service only:

District 1	40
District 2	32
District 3	<u>56</u>
Total	128

These installations do not use water unless they are activated by the Fire Suppression System located within these properties, but are billed a standard quarterly fee.

Reading types appear in the MUNIS database and on the water bills noted as the following read codes:

- A - Actual read
- E - Estimated read
- P - Stopped Meter
- T - Minimum read
- C - Manual Estimate
- O - Other/Called-in read

For all except 'A' and 'O', the homeowner is requested to call the DPW to arrange for the meter to be manually read.

## **A-2 Generation of Monthly Commitment Reports**

There is no commitment report printed by the Billing Office. A commitment is an authorization from the DPW to the City Collector to collect taxes, fees, or other charges, and in the DPW, the amounts billed by the utility billing system due to the City.

There is, however, an "Accounts Receivable Journal Entry" report showing where amounts are recorded on the City's ledgers. This report also includes Sewer User and Refuse receivables. This report is reviewed by the DPW Commissioner for approval. The Commissioner signs the last page of this report. Use of this report in lieu of a formal commitment document began in February 2011. In the past, copies of this report were automatically sent to the Treasurer/Collector and City Auditor without signature. Refer to Appendix 2-4.1 for a copy of the Accounts Receivable Journal Entry report.

The Collector's database is also updated with the detail of all bills mailed by the third-party vendor to facilitate the posting of payments. If copies of actual bills are needed, a request is made of the third party vendor who prints bill copies and sends bill copies electronically. This step is usually not necessary because the commitment file sent to the Collector's Office contains the information on the bills. Requests for information on a bill can be handled with that information.

## **A-3 Preparation and Management Review of the Detail Water and Sewer Commitments by Account Type**

As stated previously, an Accounts Receivable Journal Entries report was initiated by the City in lieu of a formal commitment in February 2011. The Commissioner reviews this report prior to signing it. Other than that, there is no review.

However, the Billing Office runs reports for all bills over \$5,000 and checks for usage over 100,000 cubic feet. This report and review were initiated in August 2010. Refer to Task 2-3 for further discussion and Appendix 2-3.7 for a copy of that report. Prior to the initiation of this report, the billing clerks would generally review large bills. If the bill was an "A" (actual), the bill was issued. Reviews are performed throughout the billing period.

There are users whose bills are, legitimately, in excess of \$5,000, or over 100,000 cubic feet, but a review is made by the Billing Department to segregate accounts appearing on the list for the first time. An attempt is made to verify the reads on these accounts. For instance, for the February 2011 bill run:

- District 1 showed 21 accounts with five requiring verifications of usage.
- District 2 contained 16 accounts with five needing readings verified.
- District 3 had 33 accounts listed on it with 17 requiring verification of readings.
- The remainder of the accounts in all three districts were marked 'ok'.

Any accounts that are on the list are reported to the DPW Commissioner and the accounts are researched in the Billing Office to see the history of the account, and if the account exceeds \$5,000 frequently or not. Meter reads are also verified for accuracy by manually re-reading the meters in question. This process requires the meter readers and the billing clerks to work closely together to verify that the accounts are correct.

In the February 2011 bill run, a total of 14 accounts billed over \$5,000 had estimated reads as follows (See Appendix 2-3.7):

District 1	3
District 2	6
District 3	5
Total	14

Reports of reading type (i.e. actual, estimated, etc.) are also run; these need to be done prior to the finalization of the bill run. A report of estimated reads is run to see if any can get actual reads, as a final attempt to obtain actual reads for any immediately prior to finalization of the bill run. Refer to Appendix 2-3.7 for a copy of that report. Once that file has been sent to be printed, the reports are not able to run and printed.

#### **A-4 Standard and Custom Reports on Monthly Data on Revenue from Fees, Liens, Abatements and/or Refunds, Etc. by Account Type**

The City produces three monthly revenue reports. The first is a city-wide revenue report (Appendix 2-4.2). The second is a more detailed revenue report for the enterprise funds (Appendix 2-4.3). In addition, the City produces a historical actuals comparison report which includes the current and three prior years of revenue (Appendix 2-4.4).

The City Auditor runs a city revenue report monthly showing the revenue budget, the actual collections to date, and the variance from the prior fiscal year (same number of months). In addition to the current year revenue and the immediate prior year-to-date revenue, this report shows the variance between the two for comparison purposes and also the revenue for the entire immediate prior year plus the two full fiscal years prior to that for the entire fund.

In addition to the city-wide report, the City Auditor also runs an Enterprise Revenue Report showing the three prior years' revenues and the current year to date revenue versus the prior fiscal year's year to same date revenue and the variance for Water User Charges, Water Fees, and Water Penalties & Interest. Transfers in to the Water Fund and Other Financing Sources for the Water Fund are also shown in this report. All Enterprise Funds are included in this report.

In addition, the City may want to consider running the MUNIS Revenue Year To Date report (GLYTDBUD) – Year to date budget report. This report can include the original estimated revenue, estimated revenue adjustments, revised estimated revenue, actual year to date revenue, remaining revenue and percent collected for each revenue object code such as interest, user charges, liens, lien interest, service charges, meter charges, and other line items. A copy of this report (Town of Harwich) appears in Appendix 2-4.5.

As part of our review, we developed a number of crystal reports regarding liens, abatements and/or adjustments. These will be discussed in subsequent Technical Memorandums.

**A-5 Management Reports on QA/QC Steps to Review “Exceptions” Such as Abnormally High Readings, Low Readings, Negative Readings, or Zero Reading on Accounts.**

The City runs the Hi Low report in the MUNIS utility billing module as discussed in Task 2-3. Refer to that Technical Memorandum and the Appendices in Task 2-3. The City also runs an Estimated Read Report. Prior to the utility bills being issued each quarter, the Utility Department performs a manual QA/QC step procedure for monitoring the number of reading types by each billing district by reviewing the number of Actual (A); Estimated (E); Minimum Read (T); Manual Estimate (C); Other/Called In (O); and Stopped Meter (P) read types by comparing the aggregate read type category type billings count to the total active accounts on the Charge Proof Register (Appendix 2-4.16). This QA/QC step procedure is documented quarterly on the manual read type category proof and reconciliation analysis to the charge proof register.

There are no other management reports for QA/QC reporting. There are however steps that the Billing Office implements during each bill run for such items as:

- Add new accounts
- Compound meters
- Correct dates
- Search for zero reads

These are steps and are not considered to be management reports.

The \$5,000/100,000 CF report is considered to be the one management report. The Hi Low report generates a 200-plus page report which flags potentially problematic reads/bills. It is too large to be an effective management tool. This topic is also discussed in the Task 2-3 Technical Memorandum.

**B. Review the storage and access of consumption data (actual and estimated), bill and payment history, and current account status. Assess current and four preceding fiscal years of billing records to determine the proportion of reads which have been estimated of that time period.**

The storage of consumption data occurs automatically as part of the read upload process described in Task 2.3 Technical Memorandum.

Access of consumption data is achieved using the MUNIS Utility Billing Module Consumption History Report. Within the consumption billing report are fields which indicate if the consumption data as uploaded has been modified after entry into MUNIS. These instances would be noted within the Consumption History Report as manual estimate reads/manual estimated read code.

The proportion of reads which have been estimated of that time period is presented in Task 1.2 Technical Memorandum.

**C. Review methods of QA/QC on “receiving end of data entry” in the MUNIS Software**

When the Head Billing Clerk downloads teledata reads or radio reads, she examines the content of the download as she does with radio reads. She then creates a list of the estimated reads in each file and gives them back to the meter reading section along with a list of “No Reads” to make an additional attempt to get an actual read. If customers call in their reading, she enters it into the database for the run of bills. A report is run on the several read codes prior to the final run of bills and reviewed in the billing office to ensure that every estimated reading cannot be replaced with an actual read. A “no read” can mean a metering/reading device problem or a vacant building. The bills have a printed statement requesting that the customer with

any read other than "A" (actual) call the billing office to arrange for an actual read. Every effort is made in the billing office to get an actual read for every account.

The QA/QC procedures of uploading read data into MUNIS are discussed in Task 2.3. We are not aware of QA/QC procedures for manually keyed in data entered by the billing clerks as part of their normal duties.

- D. Review the procedure for the Water Commissioners and DPW Commissioner's approval of the water and sewer commitment prior to bill issuance, including methods for review and analysis of water and sewer commitments, typical actions on unusual or extraordinary commitments, and verification activities prior to obtaining the DPW Commissioner's and Water Commission's approval for committing the bills to the Collector.**

The Water Commission does not review commitments.

We have noted that the DPW Commissioner began signing the Accounts Receivable Journal Entries report, as stated in section A-2 of this Technical Memorandum, in lieu of a commitment report. This process began in February 2011.

We are unaware of procedures to identify unusual or extraordinary commitments beyond the \$5,000/100,000 of report currently in use, or other verification activities prior to obtaining the DPW Commissioner's approval for committing the bills to the Collector.

- E. Comment on whether the current MUNIS software system is properly calculating the water and sewer use billings based upon the set block water rate and sewer rates. This was performed by recalculating the bills based upon reported usage.**

To understand whether the current MUNIS software system is properly calculating the water and sewer use billings based upon the set block water rate and sewer rates, we replicated the February 2011 bill run and compared our calculated bill values to the values contained in the MUNIS bill run. The file consists of the 22,279 bills generated on 2/11/11, a 372 -page report on legal paper. (Note: we have previously noted that the number of bills generated at a point in time is dependent on many variables).

We first isolated accounts representing City employees in the Finance, Assessors, Public Works, Billing Office, Treasurer/Collector, Finance, and Mayors Office, who have a utility account with the City, plus the six customer accounts which were part of the Task 2-9 interviews. These accounts total 124. Of the 124 accounts, we found six accounts where our calculation does not match the bill value currently in the MUNIS database. These six instances may reflect accounts that have received abatements/adjustments since the bill run. They are not necessarily indicators that MUNIS has calculated the original bills incorrectly. Refer to Appendix 2-4.6.

Additionally, we ran a similar test on the remainder of the City's 22,279 accounts which were part of the February 2011 bill run. Our calculations indicate that the vast majority of bills (22,148) add up correctly. There are 133 accounts where our calculation does not match the bill value currently in the MUNIS database. This is noted in the column entitled "Check \$\$\$," indicating that our calculated amount (usage \* rate) does not equal the usage dollar amount calculated by MUNIS. It looks like these are associated with adjustments because in most of them there is an elevated base charge and no consumption charge. These instances may reflect accounts that have received abatements/adjustments since the bill run. They are not necessarily indicators that MUNIS has calculated the original bills incorrectly. Refer to Appendix 2-4.7 for a listing of these accounts contained in the February 2011 bill run.

In addition, there are 111 ERR, which indicates that the amount in the base charge is not equal to the amount on the charge code. We believe these are either accounts improperly set up with a different charge code or meter records that did not record the proper meter size. Refer to Appendix 2-4.8 for a listing of these accounts.

The six City employee accounts referred to previously have both a Check\$\$\$ false and ERR indicators.

We requested clarification from the City relative to the six City employee accounts, the 133 Check\$\$\$ false accounts and the 133 ERR accounts. The City's clarification response is presented in Appendix 2-4.9.

**F. Prepare a Technical Memorandum on the adequacy of training for Water Utilities Division staff operating the MUNIS software utilities billing (U/B) module, including the following:**

Generally, there is a glaring absence of formal MUNIS training for the Billing Office clerks. MUNIS was installed in 1999. The Billing Staff did not receive training from MUNIS during the install of the system, nor have they received formal MUNIS training subsequent to the install.

The City has set aside training funds in the Information Technology budget on an annual basis. The City has budgeted between \$19,500 and \$34,000 over the past six-years for MUNIS training, with the last four years budgeted at \$19,500. Of this, \$116,190 has been expended in that six year period.

FY		Paid
2006	\$	48,815
2007	\$	26,000
2008	\$	6,600
2009	\$	22,275
2010	\$	-
2011	\$	12,500
Total	\$	116,190

Based on City representations to us, the Billing Department has not accessed these funds for training purposes since the inception of MUNIS.

There are several problems. First the City's current billing policies create a significant higher-than-average workload on the billing clerks during critical portions of the billing process. Second, the general absence of effective management reports leave staff dealing with problems on a first-come first-serve basis and does not address more strategically the billing problems in the office. The most significant finding that is related to MUNIS is the need to use a tool (like Crystal Reports) to address estimated reads outside the billing cycle, enhance QA/QC, and improve internal controls.

Generally, the billing office clerks all feel that there are tasks in MUNIS software that they are not aware of and have had no training on at all. Training is now done by other office personnel or by using MUNIS support, or by searching the software.

After about 10 years using the MUNIS Utility Billing System, the staff responsible for generating bills is clearly skilled at negotiating the basics of the system. However, there has been no effort made to ensure that the billing system is being fully utilized. The staff has relied on their own experience and is not aware of new programs or tools that could simplify operations.

**F-1. Applicability and usefulness of the pre-existing “drop down” reports from MUNIS’ U/B module and discussion of other custom crystal reports we have created for clients.**

The drop down reports feature is used minimally and familiarity with it is poor.

Familiarity with crystal reports is non-existent from a usable viewpoint. Crystal reports can provide significantly more information, enhance QA/QC, and provide greater controls. The DPW Utilities Division has relied on MUNIS reporting during this period. The City owns another reporting tool, Crystal Reports, that could have produced reports during and outside the billing cycles that would have facilitated a broader approach to address the many problem accounts involved each billing cycle.

The MUNIS system provides the following “drop down” reports. Several of these reports are utilized in the completion of the meter reading cycle as described in Technical Memorandum 2-3.

- **Bill Run Setup** - This program sets the parameters for the bill run - dates, billing cycle, and warning percentages. – No Reports (“No Reports” means it is a step in the process that does not involve a report.)
- **Export Handheld Meter** – This produces a flat file with account and meter information used in handheld reading devices. – No Reports.
- **Import Handheld Meter** – This process will bring in readings of meters for that specific bill run.
  - This will produce a warning high-low report based upon the actual usage of the account based on previous bill readings for that account.
- **Generate Charges** – This program select accounts that will enter the bill run based upon charge code, book range, and cycle code setup.
- **Charges F/M** – This program is where accounts are checked, corrected, and deleted.
  - Exception Reports
    1. Current reading vs. previous reading.
    2. Current usage less than or great then.
    3. Charge amount less than or greater than a certain amount.
    4. Last reading - was it estimated.
- **Charge Proof/Register** – This program creates a billing list of all accounts receiving a bill (includes 0's and negative bills).
  - The report lists all billed accounts, has a totals page by charge code and grand total.
- **Generate A/R** – This program creates the bills on the MUNIS system and generates a journal entry that is entered in the general ledger.
  - The report has general ledger impact summary and lists the year, period, and journal number that has been created.
- **Apply Credits and Deposits** – This program takes overpayments from previous bills and applies them to this current bill run.
  - This reports lists the bills that will be affected (those bills with the credits and those bills that will receive the credits) and produces a general ledger impact summary that lists the year, period, and journal number.
- **Bill Print** – Creates an export file that can be printed in house or sent to a vendor. – No Reports.

Along with these drop down menu reports from the bill run, MUNIS provides the following reports:

- **Consumption Analysis** – Allows the user to assign block values for usage and charges to show what the revenue would be with different blocks and block rates.
- **Consumption Inquiry/Report** – Allows the user to enter a specific account number and get a printout of all the consumption since inception in MUNIS.

- Consumption Report – Shows all consumption for a set of values such as cycle, charge code, district, date range, etc.
- Account History Report – Shows all charges and payments for an account.
- Budget Balance Report – Shows all accounts that are on budget plans, amounts, period remaining, over or under, etc.
- Aging Report – Customer AR balances. 30-60-90-120
- Bill Maintenance Audit Report – Shows all adjustments entered. Does not show the account associated with the adjustment.
- Account Event History – Shows an audit of all changes made to an account related to charge codes, location, customer, etc., not bills or payments.

**F-2. Perform a walk-through of inputting water user meter read use with the Utilities Division billing staff for both manual and automatic import or upload of data into the MUNIS utilities module for bill processing and check for accuracy of processing the data into the MUNIS utilities module for accuracy of processing the data as to volume and billing extension subject to the water block rates and sewer block rates.**

An in-depth walk-through of how water user meter read data is inputted into MUNIS is included in the Technical Memorandums 2-2 and 2-3. These descriptions include a review of QA/QC procedures associated with data input. The steps for processing the data once it has been uploaded into MUNIS as to volume and billing extension subject to the water block rates and sewer block rates do not receive independent QA/QC procedures.

We performed an independent review of the most recent (February 11, 2011) bill run. The results of this task are discussed in this Technical Memorandum.

The Teledata System provides readings twice a month with the first one being during the 10<sup>th</sup> and 14<sup>th</sup> and the second being during the 24<sup>th</sup> and 28<sup>th</sup>. It is done via modems attached to the meters. If it is unsuccessful, it will attempt an additional five or six times. If a message is received in the billing office that a reading attempt has failed (“no read”), a visit is made by a meter reader to get a reading. If that is unsuccessful, a blue card is left for the occupant of the location to read the meter himself and mail it back to the billing office or to call the office with the reading.

Many read failures are due to the modem devices not working properly or due to phone lines not working properly (i.e., a land line being discontinued because of a switch to cellular phone use or a dead battery in the modem).

At the end of each reading period, the system creates a list of failed reading attempts which is given to meter readers to go and manually read the meters. These readings are returned to the billing office to be entered into the system by one of the billing clerks. If a manual read comes back and is lower than a previously estimated read, correction of the records is initiated after a thorough examination of the file for that location. Both read lists are then merged for uploading to the MUNIS billing module where a “run” is created (Appendix 2-4.10).

Prior to uploading, both files are merged in the Teledata software and an edit list is created and printed (Appendix 2-4.11). A high and low usage report is created (Appendix 2-4.12).

If the measurement column is blank on this report it means a meter reader obtained the reading, not a reading device. Phone reads are listed with the meter number, meter type, and meter reading, followed by the meter serial number, which is engraved on the meter. The next column has the usage in cubic feet.

Rate changes for sewer use are entered manually to each account (Appendix 2-4.13). An edit list is printed at this point. Readings are compared with previous usage reports to detect any potential problems. If a reading appears to the clerk to be too high or too low, she creates a service order for the meter to be re-read to ensure the original reading was not faulty. Little or no usage can indicate a property is vacant, which will be verified by a meter reader visiting the property. Abatements that are granted are entered. A "bill maintenance audit report" (Appendix 2-4.14) is run on the MUNIS system, which is balanced to each clerk's adjustment report. If an adjustment report cannot be located, the audit report can be used as back-up for the adjustment. Bill adjustments are signed by the DPW Commissioner and retained on file.

Radio reads are also done by a meter reader riding around the City with a reading device and returns to the shop to download the information collected. If any reading has not come through correctly, the reader must return to the location to make another attempt or manually read the meter. The report of these reads is called a "Radio Report" which is given to the billing office where estimated reads are entered for accounts where no actual read could be obtained. Then the list of estimated reads is checked to see that no other actual reads have come in. Another check of the Teledata System is made to see that no additional actual reads have come in. A listing of "no reads" is then compared with the list of estimated reads to again check for a current reading. At this point, the run proceeds and another checklist is created (Appendix 2-4.15).

MUNIS generates an Accounts Receivable listing which is used as a Warrant to the Collector and includes all the detail and is by meter size and is kept on file in the billing office. The City Auditor, at the same time, gets a report with the totals that are being committed for collection. The entire bill file is sent to the third party vendor who prints and mails the bills. Any messages to be printed on the bills are also emailed to the vendor. Mailing of the bills is approved by the DPW Commissioner.

## **RECOMMENDATIONS**

- A formal commitment document should be prepared for each commitment. The City should consider implementing the MUNIS U/B Charge Proof Register (Detail - Final) Report as the formal commitment form. For example, if the City bills District 3, then it has the billed amount for each person/customer. The last page of the Charge Proof Register Report would provide the totals for all accounts in that section of the City being billed. That would be the commitment, generated by the MUNIS Utility Billing System. The final page of the Charge Proof Register is the final report in the process and is the commitment -- it shows total for Water and total for Sewer.
  - The DPW should forward one copy of the Charge Proof Register (last page) showing total for water and total for sewer to the City Auditor and to the Treasurer/Collector. This report should be forwarded at the time of billing.
  - The City Auditor should review the commitment and is responsible to post the commitment to the City's general ledger. Then the specific MUNIS report is the Utility Billing A/R Journal Entries report.
  - The collector would have a copy of the Charge Proof Register as the basis to reconcile the detailed water and sewer receivable ledger to the general ledger. A copy of this report may be found in Appendix 2-4.16.
- Mandatory training sessions for the Billing Office should be scheduled for all billing clerks using the MUNIS software by MUNIS personnel. Training should also be given to supervisory personnel on what the MUNIS software can do for them.
- The City should develop a policies and procedures manual for the Billing Office.
- The City may want to consider running the MUNIS Revenue Year To Date Report (GLYTD BUD) – Year to date budget report. This report can include the original estimated revenue, estimated revenue adjustments, revised estimated revenue, actual year to date revenue, remaining revenue and percent collected for each revenue object code such as interest, user charges, liens, lien

- interest, service charges, meter charges, and other line items. A sample copy of this report appears in Appendix 2-4.5.
- The City should divide the approximate 22,300 accounts into three groups that would be billed on staggered cycles. This recommendation would reduce the number of problem accounts each cycle to a more manageable number and would provide for a more uniform workload within the Billing Office.
  - The City should reassess the role of the Water Commission. Its original mission to develop City water source of supply has been accomplished.
  - The City should hire an independent MUNIS expert to review the department's use of MUNIS and identify new programs or practices that could improve efficiency.
  - The City should utilize Crystal Reports to provide data in a usable format during and after the billing cycle. The following reports are suggested.
    - High/Low Usage report - This can be run during or outside the billing cycle to identify accounts that received readings or billed usage that falls outside a range defined by the user. This report will isolate the accounts most in need of research, attention or action, in contrast to MUNIS where the high/low flag is available only in the Charge Proof Register. CRS has produced a report that displays a list of all accounts followed by one page for each account with information that can be used by field technicians on site visits.
    - Estimated reads – This report would show a list of account that have received a user defined number of consecutive estimated reads. It can be run for a specific route, address or account type.
    - Zero/Credit Bills – Shows a list of accounts that received zero dollar amount or credit bills.
    - Delinquent & Other Customer Notices – Letters can be generated with Crystal Reports, set up to fit in an envelope with address window. The user can define the criteria for selecting accounts and data to include.
    - Historical Consumption analysis – A report that compares usage by year, month or cycle and shows accounts that have wide variations on usage.
    - Top N water and sewer customers. This report shows the City's biggest consumers. The user can define the time period to select.
    - Adjustments report – Shows all adjustments made in a user defined time period.
    - Reports contained within this Report – As part of our analysis, we have developed several crystal reports such as Lien Charges on Tax Title, Consumption and Consumption Charges Comparison by Year, Consumption Comparison by Year and Charge Code, Estimated Reads by District and Account Type, Mismatched Meters, and others.
  - The City should develop a plan with specific goals to reduce the number of estimated reads and problem accounts each quarter.

#### **CITY'S RESPONSE TO OUR DRAFT TECHNICAL MEMORANDUM 2-4**

The City's response to our draft Technical Memorandum 2-4 is summarized in this section and is included as Appendix 2-4.13. These changes have been incorporated.

Page 2 Section A-1: Devices is misspelled (devises).

Page 3 Section A-2 second paragraph: Next to last sentence should have additional wording that states that in the past copies of these reports were automatically sent to the Auditor and Treasurer/Collector without signature.

Page 3 Section A-3 first paragraph: remove extra spaces. Second sentence should read The Commissioner reviews this report prior to signing. The last sentence should be deleted as it is misleading. Reviews are performed throughout the billing period.

Page 4 second paragraph: The first sentence should be deleted. It is confusing and unnecessary. This paragraph should start "In the February ....."

Page 5 C. Meter reading division should be meter reading section.

## **APPENDICES**

- 2-4.1: Accounts Receivable Journal Entry Report
- 2-4.2: City Wide Revenue Report
- 2-4.3: Enterprise Fund Revenue Report
- 2-4.4: Historical Revenue Report
- 2-4.5: Revenues Year to Date Budget Report (Example)
- 2-4.6: Six City Accounts, February 2011 Bill Run
- 2-4.7: 133 Accounts, February 2011 Bill Run
- 2-4.8: 111 Accounts, February 2011 Bill Run
- 2-4.9: City's Response to February 2011 Bill Run
- 2-4.10: Read List Runs
- 2-4.11: Edit List
- 2-4.12: High Low Usage Report
- 2-4.13: Rate Changes for Sewer User
- 2-4.14: Bill Maintenance Audit Report
- 2-4.15: No Reads to Estimate Reads
- 2-4.16: Sample Charge Proof Register Report
- 2-4.17: City's Response to the Draft Technical Memorandum 2-4

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**APPENDIX 2-4.1: ACCOUNTS RECEIVABLE JOURNAL ENTRY  
REPORT**

13

Dist 3 Feb. 11, 2011

Comm. 110039

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LIVE DB CITY OF BROCKTON  
Generate AR Journal Entries

PG 3  
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YEAR PER	JNL					ACCOUNT DESC	T OB	DEBIT	CREDIT
SRC ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	LINE DESC			
General Services JOURNAL 2011/08/187							TOTAL	3,654,094.93	3,654,094.93

DEPARTMENT OF PUBLIC WORKS

APPROVED   
MICHAEL L. THORESON, COMMISSIONER

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cwaamf

LIVE DB CITY OF BROCKTON  
Generate AR Journal Entries

CLERK: cwaamf

YEAR PER	JNL	ACCOUNT	EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
2011	8	187									
UBB	60044104-131000							SEWER CHARGES REC		26,257.81	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SGABL			DEF REVENUE DEPARTMENTAL			26,257.81
UBB	60044126-265400							SEWER CHARGES REC		93,544.39	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SGABL			DEF REVENUE DEPARTMENTAL			93,544.39
UBB	60044104-131000							SEWER CHARGES REC		320,300.73	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR01			DEF REVENUE DEPARTMENTAL			320,300.73
UBB	60044126-265400							SEWER CHARGES REC		23,064.40	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR01			DEF REVENUE DEPARTMENTAL			23,064.40
UBB	60044104-131000							SEWER CHARGES REC		155,322.54	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR02			DEF REVENUE DEPARTMENTAL			155,322.54
UBB	60044126-265400							SEWER CHARGES REC		148,265.18	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR02			DEF REVENUE DEPARTMENTAL			148,265.18
UBB	60044104-131000							SEWER CHARGES REC		55,945.41	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR03			DEF REVENUE DEPARTMENTAL			55,945.41
UBB	60044126-265400							SEWER CHARGES REC		804,787.32	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR03			DEF REVENUE DEPARTMENTAL			804,787.32
UBB	60044104-131000							SEWER CHARGES REC		28,118.51	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR04			DEF REVENUE DEPARTMENTAL			28,118.51
UBB	60044126-265400							SEWER CHARGES REC		74,254.42	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR04			DEF REVENUE DEPARTMENTAL			74,254.42
UBB	60044104-131000							SEWER CHARGES REC		9,339.45	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR15			DEF REVENUE DEPARTMENTAL			9,339.45
UBB	60044126-265400							SEWER CHARGES REC		78,879.20	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR15			DEF REVENUE DEPARTMENTAL			78,879.20
UBB	60044104-131000							SEWER CHARGES REC		28,118.51	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR34			DEF REVENUE DEPARTMENTAL			28,118.51
UBB	60044126-265400							SEWER CHARGES REC		804,787.32	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR34			DEF REVENUE DEPARTMENTAL			804,787.32
UBB	60044104-131000							SEWER CHARGES REC		28,118.51	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR58			DEF REVENUE DEPARTMENTAL			28,118.51
UBB	60044126-265400							SEWER CHARGES REC		74,254.42	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWR58			DEF REVENUE DEPARTMENTAL			74,254.42
UBB	60044104-131000							SEWER CHARGES REC		9,339.45	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWRFR			DEF REVENUE DEPARTMENTAL			9,339.45
UBB	60044126-265400							SEWER CHARGES REC		78,879.20	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWRFR			DEF REVENUE DEPARTMENTAL			78,879.20
UBB	60044104-131000							SEWER CHARGES REC		9,339.45	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWRMT			DEF REVENUE DEPARTMENTAL			9,339.45
UBB	60044126-265400							SEWER CHARGES REC		78,879.20	
	02/11/2011 U/B	AR GEN	110039	B -110039	2SWRMT			DEF REVENUE DEPARTMENTAL			78,879.20
UBB	61045104-131001							WATER CHARGES REC		9,339.45	
	02/11/2011 U/B	AR GEN	110039	B -110039	1WGABL			DEF REVENUE DEPARTMENTAL			9,339.45
UBB	61045126-265400							WATER CHARGES REC		78,879.20	
	02/11/2011 U/B	AR GEN	110039	B -110039	1WGABL			DEF REVENUE DEPARTMENTAL			78,879.20
UBB	61045104-131001							WATER CHARGES REC		9,339.45	
	02/11/2011 U/B	AR GEN	110039	B -110039	1WTR01			DEF REVENUE DEPARTMENTAL			9,339.45
UBB	61045126-265400							WATER CHARGES REC		78,879.20	
	02/11/2011 U/B	AR GEN	110039	B -110039	1WTR01			DEF REVENUE DEPARTMENTAL			78,879.20

YEAR PER SRC ACCOUNT	JNL EFF DATE	JNL DESC	REF 1	REF 2	REF 3	ACCOUNT DESC LINE DESC	T OB	DEBIT	CREDIT
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR01	WATER CHARGES REC		190,536.48	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR02	DEF REVENUE DEPARTMENTAL			190,536.48
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR02	WATER CHARGES REC		14,880.67	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR03	DEF REVENUE DEPARTMENTAL			14,880.67
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR03	WATER CHARGES REC		82,229.33	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR04	DEF REVENUE DEPARTMENTAL			82,229.33
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR04	WATER CHARGES REC		113,027.57	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR15	DEF REVENUE DEPARTMENTAL			113,027.57
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR15	WATER CHARGES REC		47,530.82	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR34	DEF REVENUE DEPARTMENTAL			47,530.82
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR34	WATER CHARGES REC		719,031.70	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTR58	DEF REVENUE DEPARTMENTAL			719,031.70
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTR58	WATER CHARGES REC		162.50	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF0	DEF REVENUE DEPARTMENTAL			162.50
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF0	WATER CHARGES REC		900.00	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF1	DEF REVENUE DEPARTMENTAL			900.00
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF1	WATER CHARGES REC		2,125.00	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF2	DEF REVENUE DEPARTMENTAL			2,125.00
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF2	WATER CHARGES REC		1,650.00	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF3	DEF REVENUE DEPARTMENTAL			1,650.00
UBB 61045104-131001	02/11/2011	U/B AR GEN	110039	B -110039	1WTRF3	WATER CHARGES REC		1,881.50	
UBB 61045126-265400	02/11/2011	U/B AR GEN	110039	B -110039	1WTRFR	DEF REVENUE DEPARTMENTAL			1,881.50
UBB 62043104-131002	02/11/2011	U/B AR GEN	110039	B -110039	1WTRFR	REFUSE CHARGES REC		662,060.00	
UBB 62043126-265400	02/11/2011	U/B AR GEN	110039	B -110039	3REF	DEF REVENUE DEPARTMENTAL			662,060.00
UBB 62043104-131002	02/11/2011	U/B AR GEN	110039	B -110039	3REF				

FUND	YEAR	PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
6000	2011	8	187	02/11/2011	Sewer enterprise		
					60044104-131000	26,257.81	
					60044104-131000	93,544.39	
					60044104-131000	55,945.41	
					60044104-131000	320,300.73	
					60044104-131000	28,118.51	
					60044104-131000	23,064.40	
					60044104-131000	804,787.32	
					60044104-131000	155,322.54	
					60044104-131000	74,254.42	
					60044104-131000	148,265.18	
					60044126-265400		93,544.39
					60044126-265400		320,300.73
					60044126-265400		23,064.40
					60044126-265400		26,257.81
					60044126-265400		155,322.54
					60044126-265400		74,254.42
					60044126-265400		148,265.18
					60044126-265400		55,945.41
					60044126-265400		804,787.32
					60044126-265400		28,118.51
					FUND TOTAL	1,729,860.71	1,729,860.71
6100	2011	8	187	02/11/2011	Water enterprise		
					61045104-131001	9,339.45	
					61045104-131001	78,879.20	
					61045104-131001	1,881.50	
					61045104-131001	190,536.48	
					61045104-131001	14,880.67	
					61045104-131001	82,229.33	
					61045104-131001	113,027.57	
					61045104-131001	47,530.82	
					61045104-131001	719,031.70	
					61045104-131001	162.50	
					61045104-131001	900.00	
					61045104-131001	2,125.00	
					61045104-131001	1,650.00	
					61045126-265400		190,536.48
					61045126-265400		47,530.82
					61045126-265400		78,879.20
					61045126-265400		719,031.70
					61045126-265400		14,880.67
					61045126-265400		162.50
					61045126-265400		1,881.50
					61045126-265400		900.00
					61045126-265400		82,229.33
					61045126-265400		2,125.00
					61045126-265400		9,339.45

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LIVE DB CITY OF BROCKTON  
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FUND	YEAR	PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
ACCOUNT							
61045126-265400					DEF REVENUE DEPARTMENTAL		1,650.00
61045126-265400					DEF REVENUE DEPARTMENTAL		113,027.57
					FUND TOTAL	1,262,174.22	1,262,174.22
6200 Refuse Enterprise Fund	2011	8	187	02/11/2011	REFUSE CHARGES REC	662,060.00	662,060.00
62043104-131002					DEF REVENUE DEPARTMENTAL		662,060.00
62043126-265400					FUND TOTAL	662,060.00	662,060.00

\*\* END OF REPORT - Generated by April Troxell \*\*

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## **APPENDIX 2-4.2: CITY WIDE REVENUE REPORT**

CITY OF BROCKTON  
REVENUE REPORT  
MARCH 31, 2011

	FY2008 ACTUAL	FY2009 ACTUAL	FY2010 ACTUAL	FY2011 BUDGET	FY2011 YTD	% FY 2011 Actual To FY 2011 Budget	FY2010 YTD	VARIANCE FY11/FY10
<b>I. GENERAL FUND</b>								
A. Property Taxes	92,530,702	95,015,503	98,864,990	103,011,388	77,310,250	75%	74,931,248	2,379,002
B. State Aid								
Cherry Sheet(Gross/exc offsets)	150,628,027	141,214,297	146,978,458	149,449,611	112,259,017	75%	109,831,218	2,427,799
C. Local Receipts								
Motor Vehicle & Boat Excise	6,592,907	5,602,924	5,472,287	4,925,000	2,808,578	57%	1,857,561	951,017
Urban Redevelopment Excise	311,533	229,243	314,666	285,000	0	0%	42,623	(42,623)
Penalties/Interest on Taxes	1,567,170	1,415,189	1,619,799	1,460,000	922,472	63%	1,096,812	(174,340)
Payments in Lieu of Taxes	250,929	185,816	263,086	235,000	143,795	61%	196,437	(52,643)
Fees	539,041	681,147	673,268	335,000	504,178	151%	496,485	7,693
Cemeteries	185,500	166,250	186,973	100,000	138,310	138%	133,923	4,387
Cable License Fee	11,728	12,029	12,399	0	12,259	0%	12,399	(140)
Cable Franchise Fee	0	550,000	772,861	560,000	654,177	0%	560,000	94,177
Licenses and Permits	1,627,104	1,992,098	2,149,941	1,075,000	1,559,312	145%	1,445,198	114,114
MV Fines, Fines & Forfeits	726,066	668,256	610,487	550,000	523,423	95%	465,119	58,304
Investment Income	2,429,165	729,437	308,205	250,000	202,461	81%	160,884	41,577
Miscellaneous	289,865	331,810	401,705	200,000	233,668	117%	200,270	33,397
MSBA Reimbursements	2,698,584	2,698,584	2,698,584	2,698,494	1,061,106	39%	1,061,106	0
Medicare Part D Reimbursement	1,043,054	1,411,656	1,200,508	1,370,000	730,291	53%	828,519	(98,228)
Medicaid Reimbursement	1,492,651	1,909,058	1,524,015	1,080,000	246,401	23%	1,154,930	(908,529)
Total Local Receipts	19,765,297	18,563,496	18,208,785	15,123,494	9,740,430	64%	9,712,266	28,164
<b>II. INTERFUND TRANSFERS</b>								
Enterprise Reimbursements	3,210,572	3,892,639	4,313,021	4,622,243	2,126,512	46%	3,292,113	(1,165,601)
Transfers from Spec Revenues	1,586,838	443,206	116,348	675,269	685,269	101%	116,348	568,921
Transfer from Stabilization			450,000	1,500,000	1,400,000		300,000	
Tailings	147,441	0	0		0			0
40R Smart Growth Zonning Incen	600,000	0	0		0			0
Refunds/Rebates/Reimbursement	78,600	270,147	117,789		188,462		119,673	68,789
Indirect Costs	1,380,083	1,430,148	1,570,620	0	1,217,090		1,243,810	(26,720)
<b>TOTAL GENERAL FUND</b>	<b>269,927,560</b>	<b>260,849,436</b>	<b>270,620,011</b>	<b>274,362,005</b>	<b>204,927,030</b>	<b>75%</b>	<b>199,546,676</b>	<b>4,211,565</b>
<b>III. ENTERPRISE FUNDS</b>								
Sewer Fund	13,336,146	18,196,148	18,065,110	16,452,570	14,757,209	90%	14,373,339	383,870
Water Fund	9,419,061	15,149,574	14,683,894	13,982,113	11,799,977	85%	11,414,880	385,097
Refuse Fund	7,271,804	7,360,825	7,476,429	6,707,695	5,890,196	88%	5,954,693	(64,496)
Recreation Fund	1,255,660	1,373,529	1,299,180	704,000	950,949	135%	907,819	43,130
Renewable Energy	98,558	177,256	156,717	116,870	88,859	76%	118,842	(29,983)
<b>TOTAL ENTERPRISE FUNDS</b>	<b>31,379,229</b>	<b>42,257,332</b>	<b>41,681,330</b>	<b>37,943,248</b>	<b>33,487,191</b>	<b>88%</b>	<b>32,769,573</b>	<b>717,617</b>
<b>GRAND TOTAL</b>	<b>301,306,789</b>	<b>303,106,768</b>	<b>312,301,341</b>	<b>312,325,253</b>	<b>238,414,220</b>	<b>76%</b>	<b>232,316,249</b>	<b>4,929,182</b>

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## **APPENDIX 2-4.3: ENTERPRISE FUND REVENUE REPORT**

**CITY OF BROCKTON  
ENTERPRISE REVENUE REPORT  
MARCH 31, 2011**

	<u>FY2008 ACTUAL</u>	<u>FY2009 ACTUAL</u>	<u>FY2010 ACTUAL</u>	<u>FY2011 YTD</u>	<u>FY2010 YTD</u>	<u>VARIANCE FY11/FY10</u>
<b>III. ENTERPRISE FUNDS</b>						
Sewer Penalties & Interest	289,655.38	378,594.24	477,808.24	432,801.65	398,996.73	33,804.92
Sewer User Charges	12,231,166.00	16,478,847.36	16,947,924.85	13,846,746.94	13,335,893.90	510,853.04
Sewer Fees	244,091.61	435,277.33	171,501.99	26,575.04	170,574.19	(143,999.15)
Sewer Other State Revenue	33,879.00	-	-	-	-	-
Sewer Other Financing	499,939.46	484,226.20	467,874.66	451,085.83	467,874.66	(16,788.83)
Sewer Transfers In	37,415.00	419,202.98	-	-	-	-
<b>Total Sewer</b>	<b>13,338,146.45</b>	<b>18,196,148.11</b>	<b>18,065,109.74</b>	<b>14,757,209.46</b>	<b>14,373,339.48</b>	<b>383,869.98</b>
Water Penalties & Inters	262,272.31	298,000.68	441,703.16	372,414.81	373,188.65	(773.84)
Water User Charges	8,958,795.73	14,669,236.11	14,005,511.34	11,231,455.09	10,878,161.54	353,293.55
Water Fees	150,582.07	135,782.53	191,246.48	151,702.30	118,096.58	33,605.72
Water Other Financing	47,410.74	46,555.05	45,433.25	44,404.62	45,433.25	(1,028.63)
Water Transfers In	-	-	-	-	-	-
<b>Total Water</b>	<b>9,419,060.85</b>	<b>15,149,574.37</b>	<b>14,683,894.23</b>	<b>11,799,976.82</b>	<b>11,414,880.02</b>	<b>385,096.80</b>
Refuse Ent Fees	7,271,804.45	7,360,824.80	7,476,428.75	5,890,196.43	5,954,692.59	(64,496.16)
Refuse Transfers In	-	-	-	-	-	-
<b>Total Refuse</b>	<b>7,271,804.45</b>	<b>7,360,824.80</b>	<b>7,476,428.75</b>	<b>5,890,196.43</b>	<b>5,954,692.59</b>	<b>(64,496.16)</b>
Renewable Energy other rev	96,557.58	177,256.19	156,716.80	88,858.92	118,842.22	(29,983.30)
Renewable Ener. Trans in	-	-	-	-	-	-
<b>Total Ren. Energy</b>	<b>96,557.58</b>	<b>177,256.19</b>	<b>156,716.80</b>	<b>88,858.92</b>	<b>118,842.22</b>	<b>(29,983.30)</b>
Recreation Fees	826,975.00	856,159.20	905,770.00	544,523.00	514,409.00	30,114.00
Transfers In	428,684.98	517,370.00	393,410.00	406,426.00	393,410.00	13,016.00
<b>Total Recreation</b>	<b>1,255,659.98</b>	<b>1,373,529.20</b>	<b>1,299,180.00</b>	<b>950,949.00</b>	<b>907,819.00</b>	<b>43,130.00</b>



**APPENDIX 2-4.4: HISTORICAL REVENUE REPORT**

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LIVE DB CITY OF BROCKTON  
HISTORICAL ACTUALS COMPARISON REPORT

PAGE 1  
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FOR PERIOD 09 OF 2011

ACCOUNTS FOR:	PRIOR YR3	PRIOR YR2	LAST YR	CURRENT YR	CY REV
6000 Sewer enterprise	ACTUALS	ACTUALS	ACTUALS	ACTUALS	BUDGET
-----					
60044156 Sewer Penalties & Interest					
-----					
60044156 417101 PEN & INT SEWER	-88,622.29	-129,248.20	-165,175.72	-114,152.49	.00
60044156 475001 COMMITTED INTEREST	-143,717.77	-174,147.12	-233,821.01	-318,649.16	.00
TOTAL Sewer Penalties & Inter	-232,340.06	-303,395.32	-398,996.73	-432,801.65	.00
60044158 Sewer User Charges					
-----					
60044158 424000 SEWER RATES	-8,108,413.93	-10,813,515.48	-11,262,321.35	-11,436,952.49	-16,452,570.00
60044158 425000 SEWER LIENS	-1,300,635.36	-1,547,296.87	-2,072,003.28	-2,406,736.77	.00
60044158 475000 SPECIAL ASSESSMENTS	-1,882.09	-1,569.27	-1,569.27	-3,057.68	.00
TOTAL Sewer User Charges	-9,410,931.38	-12,362,381.62	-13,335,893.90	-13,846,746.94	-16,452,570.00
60044159 Sewer Fees					
-----					
60044159 433700 DEPARTMENTAL CHARGES & FEE	-240,797.33	-434,057.83	-170,574.19	-26,575.04	.00
TOTAL Sewer Fees	-240,797.33	-434,057.83	-170,574.19	-26,575.04	.00
60044167 Sewer Other Financing Source					
-----					
60044167 491100 OTHER FINANCING SOURCES	-499,939.46	-484,226.20	-467,874.66	-451,085.83	.00
TOTAL Sewer Other Financing So	-499,939.46	-484,226.20	-467,874.66	-451,085.83	.00
60044168 Sewer Transfers In					
-----					
60044168 497100 TRANSFER IN FROM GENERAL F	.00	-419,202.98	.00	.00	.00
TOTAL Sewer Transfers In	.00	-419,202.98	.00	.00	.00
BLSHREVS Balance Sheet Rev - Sewer Rpt					
-----					
BLSHREVS 400040 AVAILABLE FUNDS	.00	.00	.00	.00	-2,569,144.00
TOTAL Balance Sheet Rev - Sewer Rpt	.00	.00	.00	.00	-2,569,144.00

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LIVE DB CITY OF BROCKTON  
HISTORICAL ACTUALS COMPARISON REPORT

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FOR PERIOD 09 OF 2011

ACCOUNTS FOR: 6000 Sewer enterprise	PRIOR YR3 ACTUALS	PRIOR YR2 ACTUALS	LAST YR ACTUALS	CURRENT YR ACTUALS	CY REV BUDGET
TOTAL Sewer enterprise	-10,384,008.23	-14,003,263.95	-14,373,339.48	-14,757,209.46	-19,021,714.00
TOTAL REVENUES	-10,384,008.23	-14,003,263.95	-14,373,339.48	-14,757,209.46	-19,021,714.00
GRAND TOTAL	-10,384,008.23	-14,003,263.95	-14,373,339.48	-14,757,209.46	-19,021,714.00

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LIVE DB CITY OF BROCKTON  
HISTORICAL ACTUALS COMPARISON REPORT  
FOR PERIOD 09 OF 2011

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ACCOUNTS FOR: 6100 Water enterprise	PRIOR YR3 ACTUALS	PRIOR YR2 ACTUALS	LAST YR ACTUALS	CURRENT YR ACTUALS	CY REV BUDGET
-----					
61045156 Water Penalties & Interest					
-----					
61045156 417102 PEN & INT WATER	-77,124.95	-101,857.96	-132,401.35	-99,974.73	.00
61045156 475001 COMMITTED INTEREST	-131,840.99	-133,743.84	-240,787.30	-272,440.08	.00
TOTAL Water Penalties & Inter	-208,965.94	-235,601.80	-373,188.65	-372,414.81	.00
61045158 Water User Charges					
-----					
61045158 421100 WATER RATES	-6,090,933.50	-10,043,283.98	-8,934,935.21	-9,165,418.50	-13,883,315.00
61045158 425001 WATER LIENS	-1,119,053.97	-1,077,243.49	-1,943,226.33	-2,066,036.59	.00
TOTAL Water User Charges	-7,209,987.47	-11,120,527.47	-10,878,161.54	-11,231,455.09	-13,883,315.00
61045159 Water Fees					
-----					
61045159 433700 DEPARTMENTAL CHARGES & FEE	-93,236.07	-93,702.44	-118,096.58	-151,702.30	.00
TOTAL Water Fees	-93,236.07	-93,702.44	-118,096.58	-151,702.30	.00
61045167 Water Other Financing Source					
-----					
61045167 491100 OTHER FINANCING SOURCES	-47,410.74	-46,555.05	-45,433.25	-44,404.62	.00
TOTAL Water Other Financing So	-47,410.74	-46,555.05	-45,433.25	-44,404.62	.00
BLSHREVV Balance Sheet Rev - Water Rpt					
-----					
BLSHREVV 400040 AVAILABLE FUNDS	.00	.00	.00	.00	-5,063,034.00
TOTAL Balance Sheet Rev - Water Rpt	.00	.00	.00	.00	-5,063,034.00
TOTAL Water enterprise	-7,559,600.22	-11,496,386.76	-11,414,880.02	-11,799,976.82	-18,946,349.00
TOTAL REVENUES	-7,559,600.22	-11,496,386.76	-11,414,880.02	-11,799,976.82	-18,946,349.00
GRAND TOTAL	-7,559,600.22	-11,496,386.76	-11,414,880.02	-11,799,976.82	-18,946,349.00

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**APPENDIX 2-4.5: REVENUES YEAR TO DATE BUDGET REPORT  
(EXAMPLE)**

MUNIS FINANCIAL MANAGEMENT SOLUTIONS

WELCOME TO THE NEIGHBORHOOD



04/11/2011 15:06  
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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 1  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
<b>01 GENERAL FUND - BAL</b>						
497000 INTERFUND TRANSFER IN	0	2,172,930	2,172,930	2,172,930.48	.00	100.0%
TOTAL GENERAL FUND - BAL	0	2,172,930	2,172,930	2,172,930.48	.00	100.0%
<b>010004 GENERAL FUND - MISC REVENUE</b>						
432029 PRIOR YEAR RECOVERY	0	0	0	.00	.00	.0%
436004 BUILDING USE	0	0	0	1,650.00	-1,650.00	100.0%
458901 MEDICAID	100,000	0	100,000	10,313.24	89,686.76	10.3%
481005 CC REG TECH FEE (RESOURCE OF	21,013	0	21,013	20,000.00	1,013.00	95.2%
484010 WORKERS COMP RECOVERY	0	0	0	11,481.65	-11,481.65	100.0%
484099 MISCELLANEOUS REVENUE	0	0	0	-13,791.09	13,791.09	100.0%
TOTAL GENERAL FUND - MISC REVENUE	121,013	0	121,013	29,653.80	91,359.20	24.5%
<b>011224 SELECTMEN - REV</b>						
432003 PHOTOCOPIES	15	0	15	.00	15.00	.0%
436005 FRANCISE FEES	464	0	464	.00	464.00	.0%
436008 OLD REC BLDG/JR THEATRE LEAS	0	0	0	266.04	-266.04	100.0%
436009 FISH SHANTY LEASES	0	0	0	5.00	-5.00	100.0%
441000 LIQUOR LICENSES	63,152	0	63,152	62,584.00	568.00	99.1%
442001 HOTEL, MOTEL, INN	900	0	900	900.00	.00	100.0%
442003 CABLE	4,128	0	4,128	4,160.64	-32.64	100.8%
442004 JUNK COLLECTOR/RUBBISH HAULE	490	0	490	175.00	315.00	35.7%
442005 USED CAR DEALER	1,100	0	1,100	2,500.00	-1,400.00	227.3%
442006 AMUSEMENT DEVICE LICENSE	700	0	700	1,100.00	-400.00	157.1%
442008 TAXI/LIMO LICENSE	145	0	145	.00	145.00	.0%
442009 ENTERTAINMENT LICENSE	3,055	0	3,055	2,485.00	570.00	81.3%
442010 MOTION PICTURE LICENSE	900	0	900	900.00	.00	100.0%
442012 COMMON VICTUALLER LICENSE	2,400	0	2,400	2,150.00	250.00	89.6%
442013 OTHER FOOD SERVICE LICENSE	23,946	0	23,946	20.00	23,926.00	.1%
445001 SHELLFISH PERMITS	60	0	60	.00	60.00	.0%
445005 MISC LICENSES/PERMITS	40	0	40	.00	40.00	.0%
484099 MISCELLANEOUS REVENUE	155	0	155	.00	155.00	.0%
TOTAL SELECTMEN - REV	101,650	0	101,650	77,245.68	24,404.32	76.0%

MUNIS FINANCIAL MANAGEMENT SOLUTIONS

WELCOME TO THE NEIGHBORHOOD



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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

Pg 2  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
<b>011414 ASSESSORS - REV</b>						
432003 PHOTOCOPIES	2,380	0	2,380	1,041.60	1,338.40	43.8%
432045 ABUTTERS FEES	8,134	0	8,134	5,438.00	2,696.00	66.9%
461100 CH SHT LOSS TAX ST OWNED LAN	0	75,896	75,896	.00	75,896.00	.0%
461400 ABATE VETS/BLIND/SURV SPOUSE	0	133,914	133,914	86,115.00	47,799.00	64.3%
461600 CH SHT ELDERLY ABATEMENTS	0	0	0	41,214.00	-41,214.00	100.0%
462100 CH SHT SCHOOL AID CHAPTER 70	0	1,726,707	1,726,707	1,295,030.00	431,677.00	75.0%
463600 CH SHT ADDITIONAL STATE AID	0	0	0	273,249.00	-273,249.00	100.0%
467100 CH SHT LOTTERY, BEANO, CHARI	0	364,333	364,333	.00	364,333.00	.0%
467300 CHARTER SCHOOL REIMBURSEMENT	0	40,143	40,143	57,894.00	-17,751.00	144.2%
469901 HOTEL TAX	412,090	0	412,090	438,473.11	-26,383.11	106.4%
469906 MEALS TAX	250,000	0	250,000	189,794.38	60,205.62	75.9%
484099 MISCELLANEOUS REVENUE	0	0	0	.00	.00	.0%
<b>TOTAL ASSESSORS - REV</b>	<b>672,604</b>	<b>2,340,993</b>	<b>3,013,597</b>	<b>2,388,249.09</b>	<b>625,347.91</b>	<b>79.2%</b>
<b>011454 TREASURER - REV</b>						
432003 PHOTOCOPIES	35	0	35	.00	35.00	.0%
432007 BOUNCED CHECK FEE	2,500	0	2,500	888.04	1,611.96	35.5%
480999 MISCELLANEOUS UNIDENTIFIED	728	0	728	.00	728.00	.0%
482001 INVESTMENT REVENUE	150,000	0	150,000	17,074.21	132,925.79	11.4%
482011 INTEREST SEPTIC LOANS	0	0	0	534.73	-534.73	100.0%
484099 MISCELLANEOUS REVENUE	0	0	0	.66	-.66	100.0%
<b>TOTAL TREASURER - REV</b>	<b>153,263</b>	<b>0</b>	<b>153,263</b>	<b>18,497.64</b>	<b>134,765.36</b>	<b>12.1%</b>
<b>011464 COLLECTOR - REV</b>						
411004 PERSONAL PROPERTY TAX 2004	0	0	0	-700.00	700.00	100.0%
411007 PERSONAL PROPERTY TAX FY07	0	0	0	71.03	-71.03	100.0%
411008 PERSONAL PROPERTY TAX FY08	0	0	0	-779.71	779.71	100.0%
411009 PERS PROPERTY FY 09	0	0	0	1,365.53	-1,365.53	100.0%
411010 PERSONAL PROPERTY TAX FY10	0	0	0	3,517.97	-3,517.97	100.0%
411011 PERSONAL PROPERTY TAX FY 201	430,950	63,060	494,010	367,399.07	126,610.93	74.4%
411999 PERSONAL PROP BLANKET ABATES	0	0	0	358.47	-358.47	100.0%
412008 REAL ESTATE TAX FY 08	0	0	0	-10,631.67	10,631.67	100.0%



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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

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FOR 2011 99

ACCOUNTS FOR: 0100	GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
412009	REAL ESTATE FY 09	0	0	0	-3,766.50	3,766.50	100.0%
412010	REAL ESTATE TAX FY 10	0	0	0	282,280.32	-282,280.32	100.0%
412011	REAL ESTATE TAX FY 2011	34,887,752	437,325	35,325,077	25,735,682.44	9,589,394.56	72.9%
412608	CPC TAX FY 08	0	0	0	-318.95	318.95	100.0%
412610	CPC TAX FY 10	0	0	0	-22.27	22.27	100.0%
414200	TAX TITLES REDEEMED	12,300	0	12,300	180,898.03	-168,598.03	1470.7%
414400	DEFERRED TAXES REDEEMED	0	0	0	71,262.07	-71,262.07	100.0%
414704	SEPTIC BETTERMENT TAX	0	0	0	11,641.93	-11,641.93	100.0%
415005	MOTOR VEHICLE TAX REV 2005	0	0	0	1,154.07	-1,154.07	100.0%
415006	MOTOR VEHICLE EXCISE TAX 200	0	0	0	885.93	-885.93	100.0%
415007	MOTOR VEHICLE TAX FY 07	0	0	0	1,127.51	-1,127.51	100.0%
415008	MOTOR VEHICLE TAX FY08	0	0	0	1,415.83	-1,415.83	100.0%
415009	MOTOR VEHICLE FY 09	0	0	0	8,605.32	-8,605.32	100.0%
415010	MOTOR VEHICLE EXCISE TAX FY1	0	1,591,763	1,591,763	204,835.27	1,386,927.73	12.9%
415011	MOTOR VEHICLE EXC TX FY 2011	0	0	0	1,018,484.93	-1,018,484.93	100.0%
415999	MOTOR VEHICLE BLANKET ABATES	0	0	0	1,165.51	-1,165.51	100.0%
416107	BOAT EX TAX FY 07	0	0	0	25.00	-25.00	100.0%
416108	BOAT EXCISE FY 08	0	0	0	11.50	-11.50	100.0%
416109	FY 09 BOAT	0	0	0	109.98	-109.98	100.0%
416110	BOAT EXCISE TAX FY2010	0	0	0	690.66	-690.66	100.0%
416111	BOAT EXCISE TAX FY 2011	0	25,500	25,500	44,943.06	-19,443.06	176.2%
417001	PEN & INT REAL ESTATE TAXES	100,297	0	100,297	53,108.82	47,188.18	53.0%
417002	PEN & INT PERS PROP TAXES	3,697	0	3,697	8,640.10	-4,943.10	233.7%
417003	PEN & INT MV EXCISE TAXES	42,276	0	42,276	52,141.35	-9,865.35	123.3%
417004	PEN & INT BOAT EXCISE TAXES	2,123	0	2,123	2,666.15	-543.15	125.6%
417005	PEN & INT TAX TITLE	40,871	0	40,871	39,420.14	1,450.86	96.5%
417006	PEN & INT DEFERRED TAXES	5,561	0	5,561	28,766.63	-23,205.63	517.3%
417010	PEN & INT SEPTIC BETTERMENT	0	0	0	78.06	-78.06	100.0%
417013	INTEREST CPC	3,150	0	3,150	1,289.30	1,860.70	40.9%
418001	IN LIEU OF TAXES LOCAL	48,329	0	48,329	127,247.23	-78,918.23	263.3%
432001	COLLECTORS FEES & CHARGES	450	0	450	1,510.00	-1,060.00	335.6%
432003	PHOTOCOPIES	99	0	99	19.48	79.52	19.7%
432008	MARKING FEES	13,658	0	13,658	11,240.00	2,418.00	82.3%
432009	MUNICIPAL LIEN CERTIFICATES	30,245	0	30,245	19,300.00	10,945.00	63.8%
484001	R E TAX HOLDING ACCT	0	0	0	110.57	-110.57	100.0%
484099	MISCELLANEOUS REVENUE	1,591,763	0	1,591,763	48.23	1,591,714.77	.0%
TOTAL COLLECTOR - REV		37,213,521	2,117,648	39,331,169	28,267,298.39	11,063,870.61	71.9%
011614 TOWN CLERK - REV							
432003	PHOTOCOPIES	529	0	529	446.50	82.50	84.4%



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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 4  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
432011 DOG LICENSES	11,000	0	11,000	11,180.00	-180.00	101.6%
432012 FISH/GAME FEES	300	0	300	74.65	225.35	24.9%
432039 UTILITY POLES	40	0	40	40.00	.00	100.0%
442017 BIRTH, MARRIAGE, DEATH CERT	16,595	0	16,595	14,050.00	2,545.00	84.7%
442018 BUSINESS CERTIFICATE	3,770	0	3,770	3,530.00	240.00	93.6%
445002 RAFFLE PERMIT	120	0	120	40.00	80.00	33.3%
445007 GASOLINE STORAGE	325	0	325	225.00	100.00	69.2%
445015 BURIAL PERMITS	1,290	0	1,290	1,040.00	250.00	80.6%
477000 NON CRIMINAL FINES FIRE	125	0	125	.00	125.00	.0%
477001 NON CRIMINAL FINES POLICE	100	0	100	575.00	-475.00	575.0%
477002 NON CRIMINAL FINES HEALTH	75	0	75	150.00	-75.00	200.0%
477007 NON CRIMINAL FINES CONSERVAT	850	0	850	300.00	550.00	35.3%
TOTAL TOWN CLERK - REV	35,119	0	35,119	31,651.15	3,467.85	90.1%
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011714 CONSERVATION - REV						
432038 GARDEN PLOTS	3,220	0	3,220	2,850.00	370.00	88.5%
436003 BOG LEASE	8,200	0	8,200	4,546.00	3,654.00	55.4%
437001 HEARINGS	7,975	0	7,975	4,825.00	3,150.00	60.5%
484099 MISCELLANEOUS REVENUE	500	0	500	4,333.30	-3,833.30	866.7%
TOTAL CONSERVATION - REV	19,895	0	19,895	16,554.30	3,340.70	83.2%
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011744 TOWN PLANNER - REV						
432003 PHOTOCOPIES	436	0	436	22.50	413.50	5.2%
432040 PLANNING LOCAL FILING FEE	15,794	0	15,794	4,348.81	11,445.19	27.5%
437001 HEARINGS	34,825	0	34,825	9,543.82	25,281.18	27.4%
445005 MISC LICENSES/PERMITS	1,000	0	1,000	250.00	750.00	25.0%
TOTAL TOWN PLANNER - REV	52,055	0	52,055	14,165.13	37,889.87	27.2%
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011764 BOARD OF APPEALS - REV						
437001 HEARINGS	7,600	0	7,600	9,700.00	-2,100.00	127.6%
TOTAL BOARD OF APPEALS - REV	7,600	0	7,600	9,700.00	-2,100.00	127.6%
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012104 POLICE - REV						



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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 5  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
432015 POLICE ADMINISTRATION FEES	16,342	0	16,342	10,848.30	5,493.70	66.4%
432016 POLICE INSURANCE CO FEES	1,994	0	1,994	1,573.25	420.75	78.9%
432017 USE OF CRUISER POLICE	2,570	0	2,570	2,220.00	350.00	86.4%
432050 POLICE FALSE ALARM FEES	0	0	0	1,700.00	-1,700.00	100.0%
442008 TAXI/LIMO LICENSE	1,490	0	1,490	960.00	530.00	64.4%
445003 GUN PERMITS	4,688	0	4,688	3,362.50	1,325.50	71.7%
468000 REG OF MV FINES	17,346	0	17,346	13,675.00	3,671.00	78.8%
469501 COURT FINES	10,150	0	10,150	2,600.00	7,550.00	25.6%
477004 PARKING VIOLATIONS	5,845	0	5,845	6,395.00	-550.00	109.4%
477005 RESTITUTION	158	0	158	.00	158.00	.0%
TOTAL POLICE - REV	60,583	0	60,583	43,334.05	17,248.95	71.5%
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012204 FIRE - REV						
432003 PHOTOCOPIES	204	0	204	156.00	48.00	76.5%
432018 FIRE INSPECTIONS	25,647	0	25,647	23,765.00	1,882.00	92.7%
445005 MISC LICENSES/PERMITS	0	0	0	2,375.00	-2,375.00	100.0%
445006 BURNING PERMITS	0	0	0	2,950.00	-2,950.00	100.0%
445007 GASOLINE STORAGE	1,850	0	1,850	830.00	1,020.00	44.9%
484099 MISCELLANEOUS REVENUE	2,380	0	2,380	1,800.00	580.00	75.6%
TOTAL FIRE - REV	30,081	0	30,081	31,876.00	-1,795.00	106.0%
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012314 AMBULANCE - REV						
437000 AMBULANCE FEES	1,050,000	0	1,050,000	823,270.85	226,729.15	78.4%
437010 AMBULANCE COLLECTOR	1,336	0	1,336	.00	1,336.00	.0%
TOTAL AMBULANCE - REV	1,051,336	0	1,051,336	823,270.85	228,065.15	78.3%
<hr/>						
012414 BUILDING - REV						
432003 PHOTOCOPIES	1,223	0	1,223	915.75	307.25	74.9%
432019 BUILDING INSPECTION	3,939	0	3,939	3,292.00	647.00	83.6%
432048 BUILDING APPLICATION FEES	0	0	0	11,650.00	-11,650.00	100.0%
445005 MISC LICENSES/PERMITS	15,710	0	15,710	.00	15,710.00	.0%

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TOWN OF HARWICHPG 6  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
455008 BUILDING PERMITS	130,000	0	130,000	130,264.55	-264.55	100.2%
455009 SIGN PERMITS	2,250	0	2,250	2,150.00	100.00	95.6%
455010 DEMO PERMITS	1,100	0	1,100	800.00	300.00	72.7%
455011 RENTAL DENSITY PERMIT	800	0	800	850.00	-50.00	106.3%
455012 TRENCH EXCAVATING PERMITS	0	0	0	100.00	-100.00	100.0%
484099 MISCELLANEOUS REVENUE	650	0	650	100.00	550.00	15.4%
TOTAL BUILDING - REV	155,672	0	155,672	150,122.30	5,549.70	96.4%
<hr/>						
012424 GAS INSPECTION - REV						
<hr/>						
432020 GAS INPECTION	20,000	0	20,000	19,230.00	770.00	96.2%
TOTAL GAS INSPECTION - REV	20,000	0	20,000	19,230.00	770.00	96.2%
<hr/>						
012434 PLUMBING						
<hr/>						
432021 PLUMBING INSPECTION	28,500	0	28,500	27,495.00	1,005.00	96.5%
TOTAL PLUMBING	28,500	0	28,500	27,495.00	1,005.00	96.5%
<hr/>						
012454 ELECTRICAL REVENUE						
<hr/>						
432023 ELECTRICAL INSPECTION	23,750	0	23,750	37,945.00	-14,195.00	159.8%
TOTAL ELECTRICAL REVENUE	23,750	0	23,750	37,945.00	-14,195.00	159.8%
<hr/>						
014224 HOT MIX REVENUE						
<hr/>						
455012 TRENCH EXCAVATING PERMITS	0	0	0	2,025.00	-2,025.00	100.0%
TOTAL HOT MIX REVENUE	0	0	0	2,025.00	-2,025.00	100.0%
<hr/>						
014394 WASTE DISPOSAL REVENUE						



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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 7  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
424701 DISPOSAL AREA STICKERS	609,000	0	609,000	315,765.00	293,235.00	51.8%
424702 DISPOSAL REGULAR FEES	388,500	0	388,500	280,219.10	108,280.90	72.1%
424703 DISPOSAL COMMERCIAL FEES	468,300	0	468,300	278,614.60	189,685.40	59.5%
427010 RECYCLE NEWSPAPER	30,000	0	30,000	30,221.29	-221.29	100.7%
427011 RECYCLE BOTTLES	5,000	0	5,000	8,450.40	-3,450.40	169.0%
427012 RECYCLE OTHER ITEMS	3,546	0	3,546	3,252.15	293.85	91.7%
427013 RECYCLE METAL	65,000	0	65,000	54,745.13	10,254.87	84.2%
TOTAL WASTE DISPOSAL REVENUE	1,569,346	0	1,569,346	971,267.67	598,078.33	61.9%
<hr/>						
014914 CEMETERY ADMINISTRATION REV						
487000 GROUND RADAR SERVICE	0	0	0	2,573.64	-2,573.64	100.0%
TOTAL CEMETERY ADMINISTRATION REV	0	0	0	2,573.64	-2,573.64	100.0%
<hr/>						
015104 BOARD OF HEALTH						
432003 PHOTOCOPIES	1,531	0	1,531	1,483.00	48.00	96.9%
432025 TEST HOLES	11,400	0	11,400	9,700.00	1,700.00	85.1%
432037 FLU CLINIC FEES	1,000	0	1,000	725.00	275.00	72.5%
442001 HOTEL, MOTEL, INN	375	0	375	375.00	.00	100.0%
442002 STABLE	840	0	840	1,030.00	-190.00	122.6%
442004 JUNK COLLECTOR/RUBBISH HAULE	500	0	500	500.00	.00	100.0%
442007 MASSAGE LICENSE	1,100	0	1,100	.00	1,100.00	.0%
442013 OTHER FOOD SERVICE LICENSE	11,025	0	11,025	13,590.00	-2,565.00	123.3%
442014 TOBACCO LICENSE	1,100	0	1,100	950.00	150.00	86.4%
442015 FUNERAL DIRECTOR LICENSE	150	0	150	50.00	100.00	33.3%
445005 MISC LICENSES/PERMITS	7,825	0	7,825	6,375.00	1,450.00	81.5%
445010 SEPTAGE CARRIER	3,530	0	3,530	3,850.00	-320.00	109.1%
445011 SEWERAGE PERMITS	26,144	0	26,144	18,605.00	7,539.00	71.2%
445012 WELL PERMITS	1,650	0	1,650	600.00	1,050.00	36.4%
445027 SWIMMING POOL	2,100	0	2,100	200.00	1,900.00	9.5%
445029 HEALTH INPECTION FEES	18,900	0	18,900	18,700.00	200.00	98.9%
484099 MISCELLANEOUS REVENUE	4,250	0	4,250	4,938.35	-688.35	116.2%
TOTAL BOARD OF HEALTH	93,420	0	93,420	81,671.35	11,748.65	87.4%
<hr/>						
015394 CHANNEL 18 TELEVISION STATION						

MUNIS FINANCIAL MANAGEMENT SOLUTIONS

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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 8  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
432041 VIDEO TAPE COPIES	50	0	50	114.00	-64.00	228.0%
TOTAL CHANNEL 18 TELEVISION STATION	50	0	50	114.00	-64.00	228.0%
<u>015404 COMMUNITY CENTER REVENUE</u>						
432003 PHOTOCOPIES	0	0	0	20.00	-20.00	100.0%
432044 PROGRAM FEES	1,665	0	1,665	1,473.00	192.00	88.5%
432049 PASSPORT FEES	2,500	0	2,500	3,850.00	-1,350.00	154.0%
436004 BUILDING USE	9,110	0	9,110	12,160.00	-3,050.00	133.5%
484098 COM CENTER WEIGHT ROOM USE	35,000	0	35,000	33,758.00	1,242.00	96.5%
TOTAL COMMUNITY CENTER REVENUE	48,275	0	48,275	51,261.00	-2,986.00	106.2%
<u>015414 COUNCIL ON AGING REVENUE</u>						
432044 PROGRAM FEES	8,280	0	8,280	5,915.00	2,365.00	71.4%
TOTAL COUNCIL ON AGING REVENUE	8,280	0	8,280	5,915.00	2,365.00	71.4%
<u>016104 LIBRARY REVENUE</u>						
447003 LIBRARY FINES	12,000	0	12,000	7,599.56	4,400.44	63.3%
484099 MISCELLANEOUS REVENUE	0	0	0	815.84	-815.84	100.0%
TOTAL LIBRARY REVENUE	12,000	0	12,000	8,415.40	3,584.60	70.1%
<u>016304 RECREATION &amp; YOUTH REVENUE</u>						
432030 SUMMER PROGRAM FEES	16,098	0	16,098	11,970.00	4,128.00	74.4%
432044 PROGRAM FEES	2,275	0	2,275	2,600.00	-325.00	114.3%
436004 BUILDING USE	0	0	0	265.00	-265.00	100.0%
445013 BEACH STICKERS	199,555	0	199,555	119,136.00	80,419.00	59.7%
445014 BEACH PARKING	30,000	0	30,000	36,145.00	-6,145.00	120.5%
TOTAL RECREATION & YOUTH REVENUE	247,928	0	247,928	170,116.00	77,812.00	68.6%
<u>016334 HARBORMASTER REVENUE</u>						

MUNIS FINANCIAL MANAGEMENT SOLUTIONS

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TOWN OF HARWICH - LIVE DATA  
TOWN OF HARWICH

PG 9  
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FOR 2011 99

ACCOUNTS FOR: 0100 GENERAL FUND	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
432042 MOORING AGENT FEES	800	0	800	400.00	400.00	50.0%
436000 WHARFAGE	750,673	0	750,673	756,068.62	-5,395.62	100.7%
436001 HARBOR FUEL CONCESSION	7,200	0	7,200	6,339.49	860.51	88.0%
436002 ALLEN HARBOR PARKING RENTAL	13,689	0	13,689	15,092.50	-1,403.50	110.3%
445001 SHELLFISH PERMITS	7,000	0	7,000	4,177.00	2,823.00	59.7%
TOTAL HARBORMASTER REVENUE	779,362	0	779,362	782,077.61	-2,715.61	100.3%
<hr/>						
016914 HISTORIC COMM REVENUE						
437001 HEARINGS	0	0	0	50.00	-50.00	100.0%
TOTAL HISTORIC COMM REVENUE	0	0	0	50.00	-50.00	100.0%
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016954 GOLF OPERATIONS REVENUE						
427002 SNACK BAR CONCESSION	0	0	0	8,700.00	-8,700.00	100.0%
432031 GREENS FEES	735,000	0	735,000	511,069.59	223,930.41	69.5%
432032 DRIVING RANGE	60,500	0	60,500	35,710.00	24,790.00	59.0%
432033 PULL CARTS	11,496	0	11,496	5,743.13	5,752.87	50.0%
432034 RESIDENTS FEES	600,937	0	600,937	89,990.00	510,947.00	15.0%
432035 CAR RENTAL	200,000	0	200,000	129,733.35	70,266.65	64.9%
432046 NON-RESIDENT GOLF MEMBERS	110,188	0	110,188	21,785.00	88,403.00	19.8%
432047 GOLF RANGE MEMBERSHIPS	13,275	0	13,275	1,050.00	12,225.00	7.9%
TOTAL GOLF OPERATIONS REVENUE	1,731,396	0	1,731,396	803,781.07	927,614.93	46.4%
TOTAL GENERAL FUND	44,236,699	6,631,571	50,868,270	37,038,486.60	13,829,783.88	72.8%



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TOWN OF HARWICH - LIVE DATA  
 TOWN OF HARWICH

PG 10  
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FOR 2011 99

	ORIGINAL ESTIM REV	ESTIM REV ADJSTMTS	REVISED EST REV	ACTUAL YTD REVENUE	REMAINING REVENUE	PCT COLL
GRAND TOTAL	44,236,699	6,631,571	50,868,270	37,038,486.60	13,829,783.88	72.8%

\*\* END OF REPORT - Generated by Dave Ryan \*\*

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**APPENDIX 2-4.6: 6 SIX CITY ACCOUNTS, FEBRUARY 2011 BILL  
RUN**

City of Brockton  
Check\$\$\$ False Report

Acct	Run	Commit	Bill #	Serv Code	RdCd	Usage	Block 1	Block 1\$	Block 2	Block 2\$	Block 3	Block 3\$	Block 4	Block 4\$	Block 5	Block 5\$	Block 6	Block 6\$	Block 7	Block 7\$	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference	
36873	B	110039	214931	1WTR15	A	29,960	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	4,960	\$303.06	-	-	-	-	-	False	-	\$1,529.18	\$1,195.04	ERR	1 1/2	\$1,529.18
38277	B	110039	216258	1WTR15	E	28,863	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	3,863	\$236.03	-	-	-	-	-	False	-	\$1,462.15	\$863.28	ERR	1 1/2	\$1,462.15
38286	B	110039	216267	1WTR15	A	30,500	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,500	\$336.03	-	-	-	-	-	False	-	\$1,562.18	\$966.24	ERR	1 1/2	\$1,562.18
38661	B	110039	216613	1WTR15	A	30,190	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,190	\$317.11	-	-	-	-	-	False	-	\$1,543.23	\$904.32	ERR	1 1/2	\$1,543.23
38920	B	110039	216766	1WTR15	E	13,509	3,750	-	1,250	\$64.63	5,000	\$281.00	3,509	\$205.98	-	-	-	-	-	-	-	False	-	\$551.60	\$404.04	ERR	1 1/2	\$551.60
38953	B	110039	216798	1WTR15	A	10,330	3,750	-	1,250	\$64.63	5,000	\$281.00	330	\$19.37	-	-	-	-	-	-	-	False	-	\$365.00	\$309.00	ERR	15	\$365.00
Totals							22,500	-	7,500	\$387.75	30,000	\$1,686.00	63,839	\$3,747.35	19,513	\$1,192.24	-	-	-	-	-	6	-	\$7,013.34	\$4,641.92			\$7,013.34

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**APPENDIX 2-4.7: 133 ACCOUNTS, FEBRUARY 2011 BILL RUN**

City of Brockton  
Check\$\$\$ False Report

Acct	Run	Comm	Bill #	Serv Code	RdCd	Usage	Block 1	Block 15	Block 2	Block 25	Block 3	Block 35	Block 4	Block 45	Block 5	Block 55	Block 6	Block 65	Block 7	Block 75	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference	
36873	B	110039	214931	IWTR15	A	29,960	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	4,960	\$303.06						False		\$1,529.18	\$1,195.04	ERR	1/2	\$1,529.18
38277	B	110039	216258	IWTR15	E	28,863	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	3,863	\$236.00						False		\$1,462.15	\$863.28	ERR	1/2	\$1,462.15
38286	B	110039	216267	IWTR15	A	30,500	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,500	\$336.05						False		\$1,562.18	\$966.24	ERR	1/2	\$1,562.18
38661	B	110039	216613	IWTR15	A	30,190	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,190	\$317.11						False		\$1,543.23	\$904.32	ERR	1/2	\$1,543.23
38920	B	110039	216766	IWTR15	E	13,509	3,750		1,250	\$64.63	5,000	\$281.00	3,509	\$205.98								False		\$1,511.60	\$404.04	ERR	1/2	\$551.60
38953	B	110039	216798	IWTR15	A	10,330	3,750		1,250	\$64.63	5,000	\$281.00	330	\$19.37								False		\$365.00	\$309.00	ERR	15	\$365.00
22247	C	110038	202533	IWTR58	E	5,081	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	81	\$4.55						False	\$95.56	\$196.38	\$67.34	ERR	5/8	\$100.82
10550	A	110035	194881	IWTR01	E	2,510	1,875		625	\$23.81	10	\$0.52										False		\$24.33		ERR	01	\$24.33
22471	C	110038	202744	IWTR01	E	24,816	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	14,816	\$869.70						False		\$1,303.76	\$979.04	ERR	01	\$1,303.76
27174	C	110038	206226	IWTR01	A	5,858	1,875		625	\$23.81	2,500	\$129.25	858	\$48.22								False		\$201.28	\$175.34	ERR	01	\$201.28
27278	C	110038	206319	IWTR01	A	21,223	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	11,223	\$658.79						False	\$22.78	\$1,092.85	\$673.09	ERR	1	\$1,070.07
27279	C	110038	206320	IWTR01	A	10,560	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	560	\$32.87						False		\$466.93	\$315.81	ERR	1	\$466.93
27474	C	110038	206510	IWTR01	E	17,360	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	7,360	\$432.03						False		\$866.09	\$548.68	ERR	1	\$866.09
27475	C	110038	206511	IWTR01	A	15,376	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	5,376	\$315.57						False		\$749.63	\$473.22	ERR	01	\$749.63
27565	C	110038	206601	IWTR01	A	10,224	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	224	\$13.15						False		\$447.21	\$305.58	ERR	1	\$447.21
27566	C	110038	206602	IWTR01	A	17,741	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	7,741	\$454.40						False		\$888.46	\$563.31	ERR	01	\$888.46
27567	C	110038	206603	IWTR01	E	10,165	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	165	\$9.69						False		\$443.75	\$303.93	ERR	1	\$443.75
27693	C	110038	206723	IWTR01	E	16,485	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,485	\$380.67						False		\$814.73	\$515.57	ERR	01	\$814.73
29163	C	110038	208113	IWTR01	A	4,434	1,875		625	\$23.81	1,934	\$99.99										False		\$123.80	\$132.65	ERR	1	\$123.80
29504	C	110038	208438	IWTR01	A	3,460	1,875		625	\$23.81	960	\$49.63										False		\$73.44	\$103.50	ERR	1	\$73.44
30881	B	110039	209727	IWTR01	A	16,556	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,556	\$384.84						False		\$818.90	\$507.96	ERR	1	\$818.90
30911	B	110039	209756	IWTR01	A	16,275	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,275	\$368.34						False		\$802.41	\$497.04	ERR	58	\$802.41
36841	B	110039	214901	IWTR01	A	9,957	1,875		625	\$23.81	2,500	\$129.25	4,957	\$278.58								False		\$431.65	\$297.84	ERR	58	\$431.65
37043	B	110039	215090	IWTR01	A	10,854	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	854	\$50.13						False		\$484.19	\$331.68	ERR	01*	\$484.19
37044	B	110039	215091	IWTR01	A	19,682	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,682	\$568.33						False	\$178.38	\$1,002.40	\$489.52	ERR	01	\$824.02
37193	B	110039	215231	IWTR01	E	22,582	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,582	\$738.56						False	\$146.00	\$1,172.63	\$611.90	ERR	01*	\$1,026.63
37225	B	110039	215263	IWTR01	A	12,516	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	2,516	\$147.69						False		\$581.75	\$395.04	ERR	1	\$581.75
37226	B	110039	215264	IWTR01	A	24,696	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	14,696	\$862.66						False	\$327.85	\$1,296.72	\$550.73	ERR	1	\$968.87
37317	B	110039	215350	IWTR01	A	18,102	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	8,102	\$475.59						False	\$118.19	\$909.65	\$489.65	ERR	01*	\$791.46
37413	B	110039	215422	IWTR01	C	22,509	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,509	\$734.28						False	\$320.39	\$1,168.34	\$489.53	ERR	01*	\$847.95
37414	B	110039	215423	IWTR01	A	5,256	1,875		625	\$23.81	2,500	\$129.25	256	\$14.39								False		\$167.45	\$157.12	ERR	1	\$167.45
37415	B	110039	215424	IWTR01	A	19,648	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,648	\$566.34						False	\$34.21	\$1,000.40	\$611.99	ERR	01*	\$966.19
37564	B	110039	215568	IWTR01	A	19,223	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,223	\$541.39						False	\$160.90	\$975.45	\$489.58	ERR	1	\$814.55
38118	B	110039	216105	IWTR01	A	14,085	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	4,085	\$239.79						False		\$673.85	\$600.72	ERR	1	\$673.85
38120	B	110039	216107	IWTR01	A	12,827	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	2,827	\$165.94						False		\$600.01	\$734.28	ERR	1	\$600.01
38174	B	110039	216159	IWTR01	A	13,565	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	3,565	\$209.27						False		\$643.33	\$405.48	ERR	1	\$643.33
38175	B	110039	216160	IWTR01	E	15,570	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	5,570	\$326.96						False		\$761.02	\$470.52	ERR	01	\$761.02
38235	B	110039	216216	IWTR01	A	34,844	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	9,844	\$601.47				False	\$536.18	\$1,916.03	\$734.62	ERR	1	\$1,379.85
38236	B	110039	216217	IWTR01	A	16,525	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,525	\$383.02						False		\$817.08	\$506.64	ERR	1	\$817.08
38237	B	110039	216218	IWTR01	A	22,331	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,331	\$723.83						False		\$1,157.89	\$727.92	ERR	1	\$1,157.89
38278	B	110039	216259	IWTR01	A	19,266	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,266	\$543.91						False		\$977.98	\$611.28	ERR	1	\$977.98
38281	B	110039	216262	IWTR01	A	16,687	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,687	\$392.53						False		\$826.59	\$499.10	ERR	1	\$826.59
39033	B	110039	216873	IWTR01	A	18,018	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	8,018	\$470.66						False		\$904.72	\$563.76	ERR	1	\$904.72
13075	A	110035	196392	IWTR02	A	25,000	6,000	4,000		\$224.80	15,000	\$880.50										False		\$1,105.30	\$747.62	ERR	2	\$1,105.30
27786	C	110038	206814	IWTR02	E	13,694	6,000	4,000		\$224.80	3,694	\$216.84										False		\$441.64	\$409.53	ERR	2	\$441.64
29502	C	110038	208436	I																								

City of Brockton  
Check\$\$\$ False Report

Acct	Run	Commit	Bill #	Serv Code	RdCd	Usage	Block 1	Block 1\$	Block 2	Block 2\$	Block 3	Block 3\$	Block 4	Block 4\$	Block 5	Block 5\$	Block 6	Block 6\$	Block 7	Block 7\$	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference	
30912	B	110039	209757	IWTR15	A	24,690	3,750	-	1,250	\$64.63	5,000	\$281.00	14,690	\$862.30	-	-	-	-	-	-	-	False	-	\$1,207.93	\$738.48	ERR	1 1/2	\$1,207.93
36840	B	110039	214900	IWTR15	A	9,520	3,750	-	1,250	\$64.63	4,520	\$254.02	-	-	-	-	-	-	-	-	-	False	-	\$318.65	\$284.72	ERR	1 1/2	\$318.65
38117	B	110039	216104	IWTR15	E	29,405	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	4,405	\$269.15	-	-	-	-	-	False	-	\$1,495.27	\$879.12	ERR	1 1/2	\$1,495.27
38119	B	110039	216106	IWTR15	A	26,640	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	1,640	\$100.20	-	-	-	-	-	False	-	\$1,326.33	\$796.56	ERR	1 1/2	\$1,326.33
38238	B	110039	216219	IWTR15	A	56,070	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	31,070	\$1,898.38	-	-	-	-	-	False	-	\$3,124.50	\$1,890.24	ERR	15	\$3,124.50
38280	B	110039	216261	IWTR15	A	27,240	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	2,240	\$136.86	-	-	-	-	-	False	-	\$1,362.99	\$814.56	ERR	1 1/2	\$1,362.99
38612	B	110039	216577	IWTR15	A	61,610	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	36,610	\$2,236.87	-	-	-	-	-	False	-	\$3,463.00	\$2,123.28	ERR	1 1/2	\$3,463.00
38659	B	110039	216611	IWTR15	A	30,710	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,710	\$348.88	-	-	-	-	-	False	-	\$1,575.01	\$924.48	ERR	1 1/2	\$1,575.01
38660	B	110039	216612	IWTR15	A	18,000	3,750	-	1,250	\$64.63	5,000	\$281.00	8,000	\$469.60	-	-	-	-	-	-	-	False	-	\$815.23	\$562.92	ERR	1 1/2	\$815.23
38662	B	110039	216614	IWTR15	A	41,820	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	16,820	\$1,027.70	-	-	-	-	-	False	-	\$2,253.83	\$1,347.84	ERR	1 1/2	\$2,253.83
38729	B	110039	216679	IWTR15	E	22,270	3,750	-	1,250	\$64.63	5,000	\$281.00	12,270	\$720.25	-	-	-	-	-	-	-	False	-	\$1,065.87	\$756.09	ERR	1 1/2	\$1,065.87
38742	B	110039	216691	IWTR15	A	25,820	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	820	\$50.10	-	-	-	-	-	False	-	\$1,276.23	\$772.32	ERR	1 1/2	\$1,276.23
38743	B	110039	216692	IWTR15	A	17,590	3,750	-	1,250	\$64.63	5,000	\$281.00	7,590	\$445.53	-	-	-	-	-	-	-	False	-	\$791.16	\$547.32	ERR	1 1/2	\$791.16
38744	B	110039	216693	IWTR15	A	43,060	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	18,060	\$1,103.47	-	-	-	-	-	False	-	\$2,329.59	\$1,394.64	ERR	1 1/2	\$2,329.59
38748	B	110039	216695	IWTR15	A	20,100	3,750	-	1,250	\$64.63	5,000	\$281.00	10,100	\$592.87	-	-	-	-	-	-	-	False	-	\$938.50	\$642.84	ERR	15	\$938.50
38889	B	110039	216735	IWTR15	A	13,080	3,750	-	1,250	\$64.63	5,000	\$281.00	3,080	\$180.80	-	-	-	-	-	-	-	False	-	\$526.42	\$391.20	ERR	15	\$526.42
38892	B	110039	216738	IWTR15	A	8,140	3,750	-	1,250	\$64.63	3,140	\$176.47	-	-	-	-	-	-	-	-	-	False	-	\$241.09	\$243.24	ERR	12	\$241.09
38897	B	110039	216743	IWTR15	A	9,550	3,750	-	1,250	\$64.63	4,550	\$255.71	-	-	-	-	-	-	-	-	-	False	-	\$320.34	\$285.72	ERR	1 1/2	\$320.34
38901	B	110039	216747	IWTR15	A	13,060	3,750	-	1,250	\$64.63	5,000	\$281.00	3,060	\$179.62	-	-	-	-	-	-	-	False	-	\$525.25	\$390.48	ERR	1 1/2	\$525.25
38907	B	110039	216753	IWTR15	A	13,600	3,750	-	1,250	\$64.63	5,000	\$281.00	3,600	\$211.32	-	-	-	-	-	-	-	False	-	\$556.95	\$406.56	ERR	1 1/2	\$556.95
38908	B	110039	216754	IWTR15	A	27,290	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	2,290	\$139.92	-	-	-	-	-	False	-	\$1,366.04	\$816.00	ERR	1 1/2	\$1,366.04
38911	B	110039	216757	IWTR15	E	10,830	3,750	-	1,250	\$64.63	5,000	\$281.00	830	\$48.72	-	-	-	-	-	-	-	False	-	\$394.35	\$324.00	ERR	112	\$394.35
38919	B	110039	216765	IWTR15	E	13,609	3,750	-	1,250	\$64.63	5,000	\$281.00	3,609	\$211.85	-	-	-	-	-	-	-	False	-	\$557.47	\$406.92	ERR	1 1/2	\$557.47
38921	B	110039	216767	IWTR15	A	25,110	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	110	\$6.72	-	-	-	-	-	False	-	\$1,232.85	\$750.72	ERR	1 1/2	\$1,232.85
38922	B	110039	216768	IWTR15	A	55,740	3,750	-	1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	30,740	\$1,878.21	-	-	-	-	-	False	-	\$3,104.34	\$1,878.24	ERR	1 1/2	\$3,104.34
38923	B	110039	216769	IWTR15	A	14,130	3,750	-	1,250	\$64.63	5,000	\$281.00	4,130	\$242.43	-	-	-	-	-	-	-	False	-	\$588.06	\$422.76	ERR	1 1/2	\$588.06
38929	B	110039	216775	IWTR15	A	12,280	3,750	-	1,250	\$64.63	5,000	\$281.00	2,280	\$133.84	-	-	-	-	-	-	-	False	-	\$479.46	\$367.08	ERR	1 1/2	\$479.46
38932	B	110039	216778	IWTR15	A	10,000	3,750	-	1,250	\$64.63	5,000	\$281.00	-	-	-	-	-	-	-	-	-	False	-	\$345.63	\$298.92	ERR	1 1/2	\$345.63
38937	B	110039	216783	IWTR15	A	12,990	3,750	-	1,250	\$64.63	5,000	\$281.00	2,990	\$175.51	-	-	-	-	-	-	-	False	-	\$521.14	\$388.68	ERR	1 1/2	\$521.14
38938	B	110039	216784	IWTR15	A	9,740	3,750	-	1,250	\$64.63	4,740	\$266.39	-	-	-	-	-	-	-	-	-	False	-	\$331.01	\$291.36	ERR	15	\$331.01
38954	B	110039	216799	IWTR15	A	9,370	3,750	-	1,250	\$64.63	4,370	\$245.59	-	-	-	-	-	-	-	-	-	False	-	\$310.22	\$280.32	ERR	1 1/2	\$310.22
38957	B	110039	216801	IWTR15	A	14,540	3,750	-	1,250	\$64.63	5,000	\$281.00	4,540	\$266.50	-	-	-	-	-	-	-	False	-	\$612.12	\$434.88	ERR	15	\$612.12
39251	B	110039	217064	IWTR15	E	18,513	3,750	-	1,250	\$64.63	5,000	\$281.00	8,513	\$499.71	-	-	-	-	-	-	-	False	-	\$845.34	\$582.48	ERR	1 1/2	\$845.34
39284	B	110039	217092	IWTR15	A	7,000	3,750	-	1,250	\$64.63	2,000	\$112.40	-	-	-	-	-	-	-	-	-	False	-	\$177.03	\$209.16	ERR	1 1/2	\$177.03
39285	B	110039	217093	IWTR15	A	11,000	3,750	-	1,250	\$64.63	5,000	\$281.00	1,000	\$58.70	-	-	-	-	-	-	-	False	-	\$404.33	\$329.04	ERR	1 1/2	\$404.33
39409	B	110039	217204	IWTR15	A	15,220	3,750	-	1,250	\$64.63	5,000	\$281.00	5,220	\$306.41	-	-	-	-	-	-	-	False	-	\$652.04	\$477.40	ERR	1 1/2	\$652.04
39410	B	110039	217205	IWTR15	A	10,670	3,750	-	1,250	\$64.63	5,000	\$281.00	670	\$39.33	-	-	-	-	-	-	-	False	-	\$384.95	\$319.08	ERR	1 1/2	\$384.95
39411	B	110039	217206	IWTR15	A	6,790	3,750	-	1,250	\$64.63	1,790	\$100.60	-	-	-	-	-	-	-	-	-	False	-	\$165.22	\$203.10	ERR	1 1/2	\$165.22
39657	B	110039	217380	IWTR15	A	10,600	3,750	-	1,250	\$64.63	5,000	\$281.00	600	\$35.22	-	-	-	-	-	-	-	False	-	\$380.85	\$342.48	ERR	15	\$380.85
23583	C	110038	203340	IWTR34	A	6,570	750	500		\$14.95	1,250	\$47.63	2,500	\$129.25	1,570	\$88.23	-	-	-	-	-	False	\$152.29	\$280.06	\$67.29	ERR	3/4	\$127.77
26344	C	110038	205449	IWTR34	A	11,076	750	500		\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	1,076	\$63.16	-	-	-	False	\$225.95	\$535.99	\$134.59	ERR	3/4	\$310.04
39407	B	110039	217203	IWTR34	E	3,210	750	500		\$14.95	1,250	\$47.63	710	\$36.71	-	-	-	-	-	-	-	False	\$28.71	\$99.28	\$67.29	ERR	5/8	\$70.57
39659	B	110039	217382	IWTR34	E	4,502	750	500		\$14.95	1,250	\$47.63	2,002	\$103.50	-	-	-	-	-	-	-	False	\$73.53	\$166.08	\$67.29	ERR	5/8	\$92.55
11412	A	110035	195483	IWTR58	E	2,182	750	500		\$14.95	932	\$35.51	-	-	-	-	-	-	-	-	-	False	-	\$50.46	\$65.32	ERR	58	\$50.46
18639	A	110035	200065	IWTR58	E	894	750	144																				

City of Brockton  
Check\$\$\$ False Report

Acct	Run	Comm#	Bill #	Serv Code	RdCd	Usago	Block 1	Block 1\$	Block 2	Block 2\$	Block 3	Block 3\$	Block 4	Block 4\$	Block 5	Block 5\$	Block 6	Block 6\$	Block 7	Block 7\$	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference																				
30546	B	110039	209400	1WTR58	C	26,748	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	1,748	\$106.80	False	\$199.82	\$1,460.13	\$22.43		5/8	\$1,260.31																				
29388	C	110038	208327	1WTR58	A	4,317	750		500	\$14.95	1,250	\$47.63	1,817	\$93.94							False	\$131.80	\$156.51	\$22.43		5/8	\$24.71																				
29117	C	110038	208068	1WTR58	A	2,957	750		500	\$14.95	1,250	\$47.63	457	\$23.63							False	\$79.25	\$86.20	\$22.43		5/8	\$6.95																				
28887	C	110038	207845	1WTR58	A	4,314	750		500	\$14.95	1,250	\$47.63	1,814	\$93.78							False	\$125.36	\$156.36	\$22.43		5/8	\$31.00																				
25000	C	110038	204433	1WTR58	A	4,046	750		500	\$14.95	1,250	\$47.63	1,546	\$79.93							False	\$135.30	\$142.50	\$22.43		5/8	\$7.20																				
23774	C	110038	203490	1WTR58	A	28,174	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	3,174	\$193.93	False	\$778.93	\$1,547.26	\$22.43		5/8	\$768.33																				
23144	C	110038	203203	1WTR58	A	38,816	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	13,816	\$844.16	False	\$678.42	\$2,197.48	\$22.43		5/8	\$1,519.06																				
21131	C	110038	201858	1WTR58	A	4,075	750		500	\$14.95	1,250	\$47.63	1,575	\$81.43							False	\$122.60	\$144.00	\$22.43		5/8	\$21.40																				
18306	A	110035	199777	1WTR58	A	7,228	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	2,228	\$125.21					False	\$311.78	\$317.04	\$22.43		5/8	\$5.26																				
14279	A	110035	197101	1WTR58	O	10,667	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	667	\$39.15			False	\$353.29	\$511.98	\$22.43		5/8	\$158.69																				
12652	A	110035	196145	1WTR58	O	15,336	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	5,336	\$313.22			False	\$191.03	\$786.05	\$22.43		5/8	\$595.02																				
12529	A	110035	196095	1WTR58	A	4,400	750		500	\$14.95	1,250	\$47.63	1,900	\$98.23							False	\$114.52	\$160.81	\$22.43		5/8	\$46.29																				
12072	A	110035	195875	1WTR58	A	30,369	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	5,369	\$328.05	False	\$1,589.70	\$1,681.37	\$22.43		5/8	\$91.67																				
12057	A	110035	195860	1WTR58	A	8,282	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	3,282	\$184.45					False	\$347.07	\$376.27	\$22.43		5/8	\$29.20																				
11955	A	110035	195789	1WTR58	A	11,543	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	1,543	\$90.57			False	\$559.53	\$563.40	\$22.43		5/8	\$3.87																				
10316	A	110035	194752	1WTR58	A	4,515	750		500	\$14.95	1,250	\$47.63	2,015	\$104.18							False	\$155.66	\$166.75	\$22.43		5/8	\$11.09																				
26643	C	110038	205736	1WTR34	A	27,728	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	2,728	\$166.68	False	\$1,495.93	\$1,520.01	\$22.43		5/8	\$24.08																				
15154	A	110035	197775	1WTR15	E	3,936	3,750	186	\$9.62												False		\$9.62	\$149.64		1 1/2	\$9.62																				
18242	A	110035	199724	1WTR01	A	39,703	1,875	625	\$23.81	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	14,703	\$898.35				False	\$2,212.89	\$2,212.92	\$61.19		1	\$0.03																				
19040	A	110035	200439	1WTR01	A	2	2														True					ERR	1"																				
12233	A	110035	195970	1WTR58	C																True					ERR	5/8																				
15566	A	110035	197792	1WTR58	C																True					ERR	5/8																				
31291	B	110039	210120	1WTR58	P																True					ERR	5/8																				
33965	B	110039	212187	1WTR58	C																True					ERR	5/8																				
Totals																						133																									



**APPENDIX 2-4.8: 111 ACCOUNTS, FEBRUARY 2011 BILL RUN**

City of Brockton  
ERR Report

Acct	Run	Comm	Bill #	Serv Code	RdCd	Usago	Block 1	Block 1S	Block 2	Block 2S	Block 3	Block 3S	Block 4	Block 4S	Block 5	Block 5S	Block 6	Block 6S	Block 7	Block 7S	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference		
36873	B	110039	214931	IWTR15	A	29,960	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	4,960	\$303.06						False	\$	\$ 1,529.18	\$ 1,195.04	ERR	1 1/2	\$ 1,529.18	
38277	B	110039	216258	IWTR15	E	28,863	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	3,863	\$236.03						False	\$	\$ 1,462.15	\$ 863.28	ERR	1 1/2	\$ 1,462.15	
38286	B	110039	216267	IWTR15	A	30,500	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,500	\$336.05						False	\$	\$ 1,562.18	\$ 966.24	ERR	1 1/2	\$ 1,562.18	
38661	B	110039	216613	IWTR15	A	30,190	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,190	\$317.11						False	\$	\$ 1,543.23	\$ 904.32	ERR	1 1/2	\$ 1,543.23	
38920	B	110039	216766	IWTR15	E	13,509	3,750		1,250	\$64.63	5,000	\$281.00	3,509	\$205.98								False	\$	\$ 551.60	\$ 404.04	ERR	1 1/2	\$ 551.60	
38953	B	110039	216798	IWTR15	A	10,330	3,750		1,250	\$64.63	5,000	\$281.00	330	\$19.37								False	\$	\$ 365.00	\$ 309.00	ERR	15	\$ 365.00	
22247	C	110038	202533	IWTR58	E	5,081	750		500	\$14.95	1,250	\$47.63	2,500	\$129.25	81	\$4.55						False	\$	\$ 95.56	\$ 196.38	\$ 67.34	ERR	5/8	\$ 100.82
10550	A	110035	194881	IWTR01	E	2,510	1,875		625	\$23.81	10	\$0.52										False	\$	\$ 24.33	\$ -	ERR	01	\$ 24.33	
22471	C	110038	202744	IWTR01	E	24,816	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	14,816	\$869.70						False	\$	\$ 1,303.76	\$ 979.04	ERR	01	\$ 1,303.76	
27174	C	110038	206226	IWTR01	A	5,858	1,875		625	\$23.81	2,500	\$129.25	858	\$48.22								False	\$	\$ 201.28	\$ 175.34	ERR	01	\$ 201.28	
27278	C	110038	206319	IWTR01	A	21,223	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	11,223	\$658.79						False	\$	\$ 22.78	\$ 1,092.85	\$ 673.09	ERR	1	\$ 1,070.07
27279	C	110038	206320	IWTR01	A	10,560	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	560	\$32.87						False	\$	\$ 466.93	\$ 315.81	ERR	1	\$ 466.93	
27474	C	110038	206510	IWTR01	E	17,360	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	7,360	\$432.03						False	\$	\$ 866.09	\$ 548.68	ERR	1	\$ 866.09	
27475	C	110038	206511	IWTR01	A	15,376	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	5,376	\$315.57						False	\$	\$ 749.63	\$ 473.22	ERR	01	\$ 749.63	
27565	C	110038	206601	IWTR01	A	10,224	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	224	\$13.15						False	\$	\$ 447.21	\$ 305.58	ERR	1	\$ 447.21	
27566	C	110038	206602	IWTR01	A	17,741	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	7,741	\$454.40						False	\$	\$ 888.46	\$ 563.31	ERR	01	\$ 888.46	
27567	C	110038	206603	IWTR01	E	10,165	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	165	\$9.69						False	\$	\$ 443.75	\$ 303.93	ERR	1	\$ 443.75	
27693	C	110038	206723	IWTR01	E	16,485	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,485	\$380.67						False	\$	\$ 814.73	\$ 515.57	ERR	01	\$ 814.73	
29163	C	110038	208113	IWTR01	A	4,434	1,875		625	\$23.81	1,934	\$99.99										False	\$	\$ 123.80	\$ 132.65	ERR	1	\$ 123.80	
29504	C	110038	208438	IWTR01	A	3,460	1,875		625	\$23.81	960	\$49.63										False	\$	\$ 73.44	\$ 103.50	ERR	1	\$ 73.44	
30881	B	110039	209727	IWTR01	A	16,556	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,556	\$384.84						False	\$	\$ 818.90	\$ 507.96	ERR	1	\$ 818.90	
30911	B	110039	209756	IWTR01	A	16,275	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,275	\$368.34						False	\$	\$ 802.41	\$ 497.04	ERR	58	\$ 802.41	
36841	B	110039	214901	IWTR01	A	9,957	1,875		625	\$23.81	2,500	\$129.25	4,957	\$278.58								False	\$	\$ 431.65	\$ 297.84	ERR	58	\$ 431.65	
37043	B	110039	215090	IWTR01	A	10,854	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	854	\$50.13						False	\$	\$ 484.19	\$ 331.68	ERR	01*	\$ 484.19	
37044	B	110039	215091	IWTR01	A	19,682	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,682	\$568.33						False	\$	\$ 178.38	\$ 1,002.40	\$ 489.52	ERR	01	\$ 824.02
37193	B	110039	215231	IWTR01	E	22,582	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,582	\$738.56						False	\$	\$ 146.00	\$ 1,172.63	\$ 611.90	ERR	01*	\$ 1,026.63
37225	B	110039	215263	IWTR01	A	12,516	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	2,516	\$147.69						False	\$	\$ -	\$ 581.75	\$ 395.04	ERR	1	\$ 581.75
37226	B	110039	215264	IWTR01	A	24,696	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	14,696	\$862.66						False	\$	\$ 327.85	\$ 1,296.72	\$ 550.73	ERR	1	\$ 968.87
37317	B	110039	215350	IWTR01	A	18,102	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	8,102	\$475.59						False	\$	\$ 118.19	\$ 909.65	\$ 489.65	ERR	01*	\$ 791.46
37413	B	110039	215422	IWTR01	C	22,509	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,509	\$734.28						False	\$	\$ 320.39	\$ 1,168.34	\$ 489.53	ERR	01*	\$ 847.95
37414	B	110039	215423	IWTR01	A	5,256	1,875		625	\$23.81	2,500	\$129.25	256	\$14.39								False	\$	\$ -	\$ 167.45	\$ 157.12	ERR	1	\$ 167.45
37415	B	110039	215424	IWTR01	A	19,648	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,648	\$566.34						False	\$	\$ 34.21	\$ 1,000.40	\$ 611.99	ERR	01*	\$ 966.19
37564	B	110039	215568	IWTR01	A	19,223	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,223	\$541.39						False	\$	\$ 160.90	\$ 975.45	\$ 489.58	ERR	1	\$ 814.55
38118	B	110039	216105	IWTR01	A	14,085	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	4,085	\$239.79						False	\$	\$ -	\$ 673.85	\$ 600.72	ERR	1	\$ 673.85
38120	B	110039	216107	IWTR01	A	12,827	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	2,827	\$165.94						False	\$	\$ -	\$ 600.01	\$ 734.28	ERR	1	\$ 600.01
38174	B	110039	216159	IWTR01	A	13,565	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	3,565	\$209.27						False	\$	\$ -	\$ 643.33	\$ 405.48	ERR	1	\$ 643.33
38175	B	110039	216160	IWTR01	E	15,570	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	5,570	\$326.96						False	\$	\$ -	\$ 761.02	\$ 470.52	ERR	01	\$ 761.02
38235	B	110039	216216	IWTR01	A	34,844	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	15,000	\$880.50	9,844	\$601.47				False	\$	\$ 536.18	\$ 1,916.03	\$ 734.62	ERR	1	\$ 1,379.85
38236	B	110039	216217	IWTR01	A	16,525	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,525	\$383.02						False	\$	\$ -	\$ 817.08	\$ 506.64	ERR	1	\$ 817.08
38237	B	110039	216218	IWTR01	A	22,331	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	12,331	\$723.83						False	\$	\$ -	\$ 1,157.89	\$ 727.92	ERR	1	\$ 1,157.89
38278	B	110039	216259	IWTR01	A	19,266	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	9,266	\$543.91						False	\$	\$ -	\$ 977.98	\$ 611.28	ERR	1	\$ 977.98
38281	B	110039	216262	IWTR01	A	16,687	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	6,687	\$392.53						False	\$	\$ -	\$ 826.59	\$ 499.10	ERR	1	\$ 826.59
39033	B	110039	216873	IWTR01	A	18,018	1,875		625	\$23.81	2,500	\$129.25	5,000	\$281.00	8,018	\$470.66						False	\$	\$ -	\$ 904.72	\$ 563.76	ERR	1	\$ 904.72
13075	A	110035	196392	IWTR02	A	25,000	6,000	4,000	\$224.80	15,000	\$880.50											False	\$	\$ -	\$ 1,105.30	\$ 747.62			

City of Brockton  
ERR Report

Acct	Run	Commt	Bill #	Serv Code	RdCd	Usago	Block 1	Block 1S	Block 2	Block 2S	Block 3	Block 3S	Block 4	Block 4S	Block 5	Block 5S	Block 6	Block 6S	Block 7	Block 7S	Check \$\$\$	Use Chg	Calc Chg	Base	ERR2	Mtr	Difference
30912	B	110039	209757	IWTR15	A	24,690	3,750		1,250	\$64.63	5,000	\$281.00	14,690	\$862.30							False	\$	\$ 1,207.93	\$ 738.48	ERR	1 1/2	\$ 1,207.93
36840	B	110039	214900	IWTR15	A	9,520	3,750		1,250	\$64.63	4,520	\$254.02									False	\$	\$ 318.65	\$ 284.72	ERR	1 1/2	\$ 318.65
38117	B	110039	216104	IWTR15	E	29,405	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	4,405	\$269.15					False	\$	\$ 1,495.27	\$ 879.12	ERR	1 1/2	\$ 1,495.27
38119	B	110039	216106	IWTR15	A	26,640	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	1,640	\$100.20					False	\$	\$ 1,326.33	\$ 796.56	ERR	1 1/2	\$ 1,326.33
38238	B	110039	216219	IWTR15	A	56,070	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	31,070	\$1,898.38					False	\$	\$ 3,124.50	\$ 1,890.24	ERR	15	\$ 3,124.50
38280	B	110039	216261	IWTR15	A	27,240	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	2,240	\$136.86					False	\$	\$ 1,362.99	\$ 814.56	ERR	1 1/2	\$ 1,362.99
38612	B	110039	216577	IWTR15	A	61,610	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	36,610	\$2,236.87					False	\$	\$ 3,463.00	\$ 2,123.28	ERR	1 1/2	\$ 3,463.00
38659	B	110039	216611	IWTR15	A	30,710	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	5,710	\$348.88					False	\$	\$ 1,575.01	\$ 924.48	ERR	1 1/2	\$ 1,575.01
38660	B	110039	216612	IWTR15	A	18,000	3,750		1,250	\$64.63	5,000	\$281.00	8,000	\$469.60							False	\$	\$ 815.23	\$ 562.92	ERR	1 1/2	\$ 815.23
38662	B	110039	216614	IWTR15	A	41,820	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	16,820	\$1,027.70					False	\$	\$ 2,253.83	\$ 1,347.84	ERR	1 1/2	\$ 2,253.83
38729	B	110039	216679	IWTR15	E	22,270	3,750		1,250	\$64.63	5,000	\$281.00	12,270	\$720.25							False	\$	\$ 1,065.87	\$ 756.09	ERR	1 1/2	\$ 1,065.87
38742	B	110039	216691	IWTR15	A	25,820	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	820	\$50.10					False	\$	\$ 1,276.23	\$ 772.32	ERR	1 1/2	\$ 1,276.23
38743	B	110039	216692	IWTR15	A	17,590	3,750		1,250	\$64.63	5,000	\$281.00	7,590	\$445.53							False	\$	\$ 791.16	\$ 547.32	ERR	1 1/2	\$ 791.16
38744	B	110039	216693	IWTR15	A	43,060	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	18,060	\$1,103.47					False	\$	\$ 2,329.59	\$ 1,394.64	ERR	1 1/2	\$ 2,329.59
38748	B	110039	216695	IWTR15	A	20,100	3,750		1,250	\$64.63	5,000	\$281.00	10,100	\$592.87							False	\$	\$ 938.50	\$ 642.84	ERR	15	\$ 938.50
38889	B	110039	216735	IWTR15	A	13,080	3,750		1,250	\$64.63	5,000	\$281.00	3,080	\$180.80							False	\$	\$ 526.42	\$ 391.20	ERR	1 1/2	\$ 526.42
38892	B	110039	216738	IWTR15	A	8,140	3,750		1,250	\$64.63	3,140	\$176.47									False	\$	\$ 241.09	\$ 243.24	ERR	12	\$ 241.09
38897	B	110039	216743	IWTR15	A	9,550	3,750		1,250	\$64.63	4,550	\$255.71									False	\$	\$ 320.34	\$ 285.72	ERR	1 1/2	\$ 320.34
38901	B	110039	216747	IWTR15	A	13,060	3,750		1,250	\$64.63	5,000	\$281.00	3,060	\$179.62							False	\$	\$ 525.25	\$ 390.48	ERR	1 1/2	\$ 525.25
38907	B	110039	216753	IWTR15	A	13,600	3,750		1,250	\$64.63	5,000	\$281.00	3,600	\$211.32							False	\$	\$ 556.95	\$ 406.56	ERR	1 1/2	\$ 556.95
38908	B	110039	216754	IWTR15	A	27,290	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	2,290	\$139.92					False	\$	\$ 1,366.04	\$ 816.00	ERR	1 1/2	\$ 1,366.04
38911	B	110039	216757	IWTR15	E	10,830	3,750		1,250	\$64.63	5,000	\$281.00	830	\$48.72							False	\$	\$ 394.35	\$ 324.00	ERR	112	\$ 394.35
38919	B	110039	216765	IWTR15	E	13,609	3,750		1,250	\$64.63	5,000	\$281.00	3,609	\$211.85							False	\$	\$ 557.47	\$ 406.92	ERR	1 1/2	\$ 557.47
38921	B	110039	216767	IWTR15	A	25,110	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	110	\$6.72					False	\$	\$ 1,232.85	\$ 750.72	ERR	1 1/2	\$ 1,232.85
38922	B	110039	216768	IWTR15	A	55,740	3,750		1,250	\$64.63	5,000	\$281.00	15,000	\$880.50	30,740	\$1,878.21					False	\$	\$ 3,104.34	\$ 1,878.24	ERR	1 1/2	\$ 3,104.34
38923	B	110039	216769	IWTR15	A	14,130	3,750		1,250	\$64.63	5,000	\$281.00	4,130	\$242.43							False	\$	\$ 588.06	\$ 422.76	ERR	1 1/2	\$ 588.06
38929	B	110039	216775	IWTR15	A	12,280	3,750		1,250	\$64.63	5,000	\$281.00	2,280	\$133.84							False	\$	\$ 479.46	\$ 367.08	ERR	1 1/2	\$ 479.46
38932	B	110039	216778	IWTR15	A	10,000	3,750		1,250	\$64.63	5,000	\$281.00									False	\$	\$ 345.63	\$ 298.92	ERR	1 1/2	\$ 345.63
38937	B	110039	216783	IWTR15	A	12,990	3,750		1,250	\$64.63	5,000	\$281.00	2,990	\$175.51							False	\$	\$ 521.14	\$ 388.68	ERR	1 1/2	\$ 521.14
38938	B	110039	216784	IWTR15	A	9,740	3,750		1,250	\$64.63	4,740	\$266.39									False	\$	\$ 331.01	\$ 291.36	ERR	15	\$ 331.01
38954	B	110039	216799	IWTR15	A	9,370	3,750		1,250	\$64.63	4,370	\$245.59									False	\$	\$ 310.22	\$ 280.32	ERR	1 1/2	\$ 310.22
38957	B	110039	216801	IWTR15	A	14,540	3,750		1,250	\$64.63	5,000	\$281.00	4,540	\$266.50							False	\$	\$ 612.12	\$ 434.88	ERR	1 1/2	\$ 612.12
39251	B	110039	217064	IWTR15	E	18,513	3,750		1,250	\$64.63	5,000	\$281.00	8,513	\$499.71							False	\$	\$ 845.34	\$ 582.48	ERR	1 1/2	\$ 845.34
39284	B	110039	217092	IWTR15	A	7,000	3,750		1,250	\$64.63	2,000	\$112.40									False	\$	\$ 177.03	\$ 209.16	ERR	1 1/2	\$ 177.03
39285	B	110039	217093	IWTR15	A	11,000	3,750		1,250	\$64.63	5,000	\$281.00	1,000	\$58.70							False	\$	\$ 404.33	\$ 329.04	ERR	1 1/2	\$ 404.33
39409	B	110039	217204	IWTR15	A	15,220	3,750		1,250	\$64.63	5,000	\$281.00	5,220	\$306.41							False	\$	\$ 652.04	\$ 477.40	ERR	1 1/2	\$ 652.04
39410	B	110039	217205	IWTR15	A	10,670	3,750		1,250	\$64.63	5,000	\$281.00	670	\$39.33							False	\$	\$ 384.95	\$ 319.08	ERR	1 1/2	\$ 384.95
39411	B	110039	217206	IWTR15	A	6,790	3,750		1,250	\$64.63	1,790	\$100.60									False	\$	\$ 165.22	\$ 203.10	ERR	1 1/2	\$ 165.22
39657	B	110039	217380	IWTR15	A	10,600	3,750		1,250	\$64.63	5,000	\$281.00	600	\$35.22							False	\$	\$ 380.85	\$ 342.48	ERR	15	\$ 380.85
23583	C	110038	203340	IWTR34	A	6,570	750	500		\$14.95	1,250	\$47.63	2,500	\$129.25	1,570	\$88.23					False	\$	\$ 152.29	\$ 280.06	ERR	3/4	\$ 127.77
26344	C	110038	205449	IWTR34	A	11,076	750	500		\$14.95	1,250	\$47.63	2,500	\$129.25	5,000	\$281.00	1,076	\$63.16			False	\$	\$ 225.95	\$ 535.99	ERR	3/4	\$ 310.04
39407	B	110039	217203	IWTR34	E	3,210	750	500		\$14.95	1,250	\$47.63	710	\$36.71							False	\$	\$ 28.71	\$ 99.28	ERR	5/8	\$ 70.57
39659	B	110039	217382	IWTR34	E	4,502	750	500		\$14.95	1,250	\$47.63	2,002	\$103.50							False	\$	\$ 73.53	\$ 166.08	ERR	5/8	\$ 92.55
11412	A	110035	195483	IWTR58	E	2,182	750	500		\$14.95	932	\$35.51									False	\$	\$ 50.46	\$ 65.32	ERR	5/8	\$ 50.46
18639	A	110035	200065	IWTR58	E	894	750	144		\$4.31											False	\$	\$ 4.31	\$ 26.74	ERR	5/8	\$ 4.31
20919	C	110038	201697	IWTR58	A	3,187	750	500		\$14.95	1,250	\$47.63	687	\$35.52							False	\$	\$ 28.02	\$ 98.09	ERR	5/8	\$ 70.07
21502	C	110038	202145	IWTR58	A	3,371	750	500		\$14.95	1,250	\$47.63	871	\$45.03							False	\$	\$ 63.09	\$ 107.61	ERR	5/8	\$ 44.52
30335	B	110039	209195	IWTR58	A	1,400	750	500		\$14.95	150	\$5.72									False	\$	\$ 20.67	\$ 44.86	ERR	5/8	\$ 20.67
39641	B	110039	217365	IWTR58	A	1,000	750	250		\$7.48											False	\$	\$ 7.48	\$ 44.86	ERR	5/8	\$ 7.48
19040	A	110035	200439	IWTR01	A	2	2														True	\$	\$	\$	ERR	1	\$
12233	A	110035	195970	IWTR58	C																True	\$	\$	\$	ERR	5/8	\$
15566	A	110035	197792	IWTR58	C																True	\$	\$	\$	ERR	5/8	\$
31291	B	110039	210120	IWTR58	P																True	\$	\$	\$	ERR	5/8	\$
33965	B	110039	212187	IWTR58	C																True	\$	\$	\$	ERR	5/8	\$
Totals																							\$ 2,512.03	\$ 86,935.88			

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**APPENDIX 2-4.9: CITY'S REPOSE TO FEBRUARY 2011 BILL RUN  
ISSUES**

**Subject:** RE: Task 2-4  
**Date:** 4/21/2011 5:33:06 P.M. Eastern Daylight Time  
**From:** [jcondon@ci.brockton.ma.us](mailto:jcondon@ci.brockton.ma.us)  
**To:** [BETTERGOV@aol.com](mailto:BETTERGOV@aol.com), [hchuckran@cobma.us](mailto:hchuckran@cobma.us)  
**CC:** [dandrew18@comcast.net](mailto:dandrew18@comcast.net), [TFedder@woodardcurran.com](mailto:TFedder@woodardcurran.com), [Bettergov2@aol.com](mailto:Bettergov2@aol.com), [mthoreson@cobma.us](mailto:mthoreson@cobma.us), [mbrophy@cobma.us](mailto:mbrophy@cobma.us),  
[eczaja@cobma.us](mailto:eczaja@cobma.us)  
*Sent from the Internet (Details)*

Hello Mark –

As you and I discussed on the phone this afternoon, the city has met to develop a first pass examination of your attachment for the subject task. We have looked at all 6 accounts in Tab 4, and a sampling of the 133 accounts which provided the universe for Tabs 1-3. At first glance, there do not appear to be discrepancies in Munis calculations. Rather, there appear to be 3 contributing factors:

1. Adjustments to the bills subsequent to bill date, which as you properly indicated, create a difference to your spreadsheet calculations.
2. Calculations for Condominiums, whereby a city ordinance separate from the block rate system requires metered consumption to be divided by the number of units attached to the meter to create an average unit consumption applied to the rate blocks to result in lower block rates; the resulting average bill is then multiplied by the number of units on the meter to get the revised bill for that meter, which is necessarily lower. This kind of calculation would not have been performed by your analysis, which used the block rate ordinance. By the way, each of the 6 accounts in Tab 4 are condominium accounts, so I won't deal with them in this memo; instead see my paragraph below.
3. An issue of data interpretation embedded in your spreadsheet regarding what your spreadsheet columns call "use charge", "calc. charge", and "base charge" .

I'll deal with these by example.

On the first line, page one of your tabs is account 36873. This account appears on line one, Tab 1, for the "133 accounts to investigate", and on line one of Tab2, beginning on page 4 of the attachment, the "ERR report" Tab, and on line one of Tab 3, beginning on page 7 of the attachment, the "Check \$ false" Tab. So this account, which happens to be a condominium account, appears in each Tab except 4, which is from the separate test of accounts of city employees and interviewed customers. Examining the calculation of this account will illuminate the discrepancies from condo calculations.

Account 36873 has 29,960 cubic feet of usage. However, this condominium has 8 condo units on that account, so the average consumption is 29,960 c.ft. divided by 8, or 3745 cubic feet. As you know, the block rate system is based on block charges per 100 c. ft. of consumption, so there can be pennies of difference in calculations depending on when the conversion is made to 100 c.ft.billing units, and when rounding of partial penny calculations occurs, but here is my calculation:

First, 3745 c.ft.= 1,250 c. ft. of consumption in the first two rate blocks, all at \$2.99 per 100 c. ft.,( this includes the consumption in the minimum charge block, in which all consumption up to 750 c. ft is charged at  $\$2.99/100 \times 750 \text{ c.ft.} = \$2,242.5$ , rounded to \$22.43 after division by 100. However, this minimum use calculation can be ignored if more than the minimum consumption exists, and then all of the consumption up to 2500 cubic feet can be calculated at the \$2.99 rate. Thus, for the first 1250 c.ft in consumption, the calculation is  $1250 \times \$2.99 = \$3737.50$ , divided by 100 = \$37.38, rounded up to the nearest penny.

Next, of the 3745 of total consumption, another 1250 is billed at \$3.81 per 100 c. ft. in the third rate block, for consumption 1251 up to and including 2500 cubic feet, resulting in a calculation of  $1250 \times \$3.81$  per 100 c.ft., or \$4,762.50 divided by 100 = \$47 .63 rounded up to the nearest penny.

Then, of the 3745 in consumption, 1245 remains unbilled. This occurs in the fourth rate block (for consumption of 2501 to 5000 c. ft., inclusive, at \$5.17 per 100 cubic feet. Thus,  $1245\text{c.ft.} \times \$5.17/100\text{c.ft.} = \$6436.65$ , divided by 100 = \$64.37, rounded up to the nearest penny.

Fourth, the total of all the consumption block calculations above is \$149.38. This bill amount, which is derived from the average amount of consumption per individual condo unit, when multiplied by the number of units, 8, = \$1,195.04. This amount, which is what is billed to the condo association for account 36783, agrees with your spreadsheet calculation as displayed in the "Base" column.

This second calculation will be for an account, not a condominium, with an adjustment subsequent to the bill run, which will also seek to illuminate the interpretive issue I raised above. Account 31,271 appears on line 1, page 3 of your attachment (Tab 1, for all 133 accounts). It also appears on Tab 3, line one page 9, the "check false \$" Tab. This account had 4029 c.ft in consumption. My calculation is as follows:  $1250 \text{ c.ft. at } \$2.99/100 \text{ c.ft.}, \text{ plus } 1250 \text{ c.ft. at } \$3.81/100\text{c.ft} = \$85.01$ . (See calculations above:  $\$37.38 + \$47.63 = \$85.01$ .) In addition, this customer had remaining 1529 c. ft.( 4029 minus 1250 minus 1250 in consumption) at  $\$5.17/100\text{c.ft.} = \$7,904.93$ , or \$79.05 per 100c.ft, rounded up to the nearest penny. The total bill = \$164.06. ( $\$85.01 + \$79.05 = \$164.06$ .) After billing, the account had an adjustment of \$10.50. This reduced the bill to \$153.56.

This account also allows for discussion of what I called above "interpretive issues". We initially had a hard time figuring out what was included in your column headings. For example, for account 31,271, your spreadsheet displays \$141.62 in something called "calculated charge" on your spreadsheet, but this doesn't include the amount of \$22.43, which your spreadsheet labels "base charge", which represents the minimum charge for 750 c.ft. at  $\$2.99/100 \text{ c.ft.}$ , and which is included in my calculation above. When you add the two ( $\$141.62 + \$22.43$ ), the result is \$164.05, where the difference from my calculation of \$164.06 is from the effect of rounding, as I discussed earlier. We are in agreement, save the abatement of \$10.50, which your spreadsheet displays in the "difference" column. This difference on your spreadsheet is calculated between your "Use charge" column and your "calc. charge" column. Neither of these column totals includes what your spreadsheet calls "base charge", but in our work, this base charge is always included. Thus, your use charge of \$131.12, when increased by our minimum consumption, or your base charge, of \$22.43, equals \$153.55. This corresponds to our bill after adjustment of \$153.06, except for rounding.

The conclusion of all of this is that the city believes that the bill calculation is correct and that the issues surfaced in your attachment can be attributed the effects of separate calculations for condominiums and bill adjustments subsequent to the bill run. The city is in the process of conducting a new bill run,

but when we are finished next week, we will identify which of the 133 accounts were condominiums, and which had bill adjustments. The other 6 accounts have already been demonstrated to be condo accounts. If all 133 can be classified as either, condos, or otherwise adjusted accounts, I would expect that we have answered the questions which you have raised.

Best wishes,

Jay

---

**APPENDIX 2-4.10: READ LIST RUNS**

dec 3

Print at: Monday, January 10, 2011 2:59:53 PM  
Host: CPW535006  
User: cwahmm

Bill Run Process - MUSTS [CITY OF BROCKTON]

My File Edit Tools Help

Run type: C - DISTRICT 2 QUARTERLY BILLING  All jobs complete  
 Comment #: 110038

Category types  
 Services - General  Services - Electric  Assessments  Installments

Start date: 11/01/2010 End date: 01/31/2011  
 Bill date: 02/02/2011 Mail date: 02/02/2011  
 Due date: 03/04/2011 Interest/penalty date: 03/05/2011

Fiscal year: 2011 Bill cycle: 3 High warning %: 90.00  
 Charge code year: 2011 Low warning %: 60.00

Req	Req	Req
<input type="checkbox"/> Export Handheld Meter File	<input checked="" type="checkbox"/> Charges Maintenance	<input type="checkbox"/> Apply Credits/Deposits
<input checked="" type="checkbox"/> Generate Charges	<input checked="" type="checkbox"/> Charges Proof/Register	<input checked="" type="checkbox"/> Bill Print
<input checked="" type="checkbox"/> Import Handheld Meter File	<input checked="" type="checkbox"/> Generate Accounts Receivable	<input checked="" type="checkbox"/> Bank Billing Register/EFT
<input checked="" type="checkbox"/> Import Third Party File	<input type="checkbox"/> Select Deposits/Interest	

1 of 1

Initiate a UB bill run process. OVR

---

## **APPENDIX 2-4.11: EDIT LIST**

01/07/2011 16:04  
cwahmm

LIVE DB CITY OF BROCKTON  
U/B IMPORT THIRD PARTY FILE LIST

doc 4

ACCOUNT NUMBER	NAME	ROUTE	SERVICE	READ DATE	CURRENT	PREVIOUS	USAGE	C
20171	PAUL ALLRIGHT & ELIANESE	0031	1WTR58-001	01/07/2011	132,328	130,186	2,142	A
20173	RRNAUD PHILLIPE	0031	1WTR58-001	12/31/2010	67,701	66,513	1,188	A
20175	MANUEL HAMILTON THOM	0031	1WTR34-001	01/07/2011	82,650	80,605	2,045	A
20176	21977 9 FAYETTE ROOT **** ERROR METER# 2000181430	0031	1WTR34-001	01/07/2011	218,480	218,409 HIGH/LOW	71	A
20177	KING JR RICHARD W	0031	1WTR58-001	12/30/2010	148,859	146,631	2,228	A
20178	CAYER 111 PAUL E	0031	1WTR58-001	12/30/2010	137,963	136,443	1,520	A
20179	WILLIAMS JANET E	0031	1WTR58-001	01/07/2011	102,345	101,670	675	A
20180	ST GERMAIN PATRICK	0031	1WTR58-001	01/07/2011	201,782	198,317	3,465	A
20181	PROSPER JOSEPH	0031	1WTR58-001	01/07/2011	140,850	138,821	2,029	A
20183	PIERRE SOL	0031	1WTR58-001	01/07/2011	176,670	174,370	2,300	A
20184	AUSTIN-THORPE ANDREA	0031	1WTR58-001	01/07/2011	150,174	148,389	1,785	A
20185	RESENDE MARIA M	0031	1WTR58-001	01/07/2011	82,072	80,089	1,983	A
20188	17499 9 BAKSH ASHARIFF	0530	1WTR58-001	01/07/2011	174,746	172,770	1,976	A
20190	WEIR MARCIA	0264	1WTR58-001	01/07/2011	56,711	54,694	2,017	A
20191	6939 9 WILLOW DONNA T	0530	1WTR58-001	01/07/2011	69,200	68,145	1,055	A
20192	JORDAN CHARLES E	0530	1WTR58-001	12/30/2010	392,200	387,800	4,400	A
20195	MC GOURTY PATRICK	0530	1WTR58-001	12/30/2010	80,106	78,960	1,146	A
20199	CAZEAU GARENSHA	0530	1WTR58-001	01/07/2011	254,451	252,111	2,340	A
20202	T MARTIN STEVE **** ERROR METER# 6142091333	3005	1WTR58-001	12/30/2010	20,825	20,801 HIGH/LOW	24	A
20230	CALIX JULIA	3005	1WTR58-001	12/30/2010	53,312	52,189	1,123	A
20156	HARBORONE CREDIT UNION **** ERROR METER# 6161113146	3005	1WTR58-001	12/30/2010	29,761	29,753 HIGH/LOW	8	A
20207	CARDONA OSVALDO	0530	1WTR58-001	01/07/2011	204,359	203,449	910	A
20212	T DIEP NU	0530	1WTR58-001	01/07/2011	207,440	205,540	1,900	A
20213	MUNIZ ISREAL	0530	1WTR58-001	12/31/2010	194,615	190,920	3,695	A
20216	KARIOTIS TERESA	0530	1WTR58-001	01/07/2011	142,363	141,069	1,294	A

---

**APPENDIX 2-4.12: HIGH LOW USAGE REPORT**

Doc 5

Print at: Monday, January 10, 2011 3:03:11 PM  
Host: SENTRY1  
User: TelData

Teldata TI Communications Server

L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16

Display | Events | Cals | Tius | Meters | Schedule | Tiu Init | Direct | Modems | Options | Settings | Utility

Meter ID: 20176 Tiu ID: 20176

Port	Meter ID	Meter Type	Post ID	Register Data	Multiplier	Parse	Tiu Co
1	20176	ABBC70034	95564527	2000101430	1.0000	2.6.0.10	5

Timestamp	Type	Status	Cubic Feet	Measurement	Measuremen
1/7/2011 3:51:32 PM	Normal	None	218480.00		None
1/3/2011 10:58:22 AM	Normal	None	0.00	K?1977?2000181430	None
1/2/2011 10:58:18 AM	Normal	None	0.00	K?1977?2000181430	None
1/1/2011 10:58:16 AM	Normal	None	0.00	K?1973?2000181430	None
12/31/2010 10:58:14 AM	Normal	None	0.00	K?1972?2000181430	None
12/30/2010 10:57:39 AM	Normal	None	0.00	K?1977?2000181430	None
12/16/2010 10:58:39 AM	Normal	None	0.00	K?1947?2000181430	None
12/15/2010 10:58:16 AM	Normal	None	0.00	K?7947?2000181430	None
12/14/2010 10:58:15 AM	Normal	None	0.00	K?1947?2000181430	None
12/13/2010 10:58:13 AM	Normal	None	0.00	K?1943?2000181430	None
12/12/2010 10:57:31 AM	Normal	None	0.00	K?7947?2000181430	None

Top Date: 1/7/2011 Filter:  Tou  Peak  Current Bottom

15:03:03 (L5) Normal call termination [20015] 15:03:11

---

**APPENDIX 2-4.13: RATE CHANGES FOR SEWER USE**

AMENDMENT

doc 6

On an motion by Councillor Brophy and seconded by Councillor Balzotii, the following Ordinance was amended as follows:

ORDINANCE:

An Ordinance amending Ch. 23 ARTICLE III sewer and Sewerage disposal by approving new block rate for all bills mailed on or after Jan. 1, 2009 as recommended by the DPW Commissioner.

1. Schedule B, "Annual Charges for Use of Public Sewer" (Reference Section 23-56), amend the current schedule of "Annual Charges for Use of Public Sewer" as indicated on the effective dates noted below:

Rate Block Quarterly Usage (per 100 cubic feet of water usage)	Rate Effective on all bills mailed on or after Jan. 1, 2009	Rate Effective on all bills mailed on or after Jan. 1, 2010
0-1250	\$2.93	\$2.93
1251-2500	\$3.72	\$3.91
2501-5000	\$4.96	\$5.20
5001-10000	\$6.58	\$6.91
10001-25000	\$8.78	\$9.22
25001-875000	\$11.65	\$12.23
greater than 875001	\$15.48	\$16.26

2. Schedule B, "Charges for Disposal of Privately Collected Domestic Wastes (Reference Section 23-57), effective on January 1, 2009:

-on section a, line 1, delete the phrase "eight cents (\$0.08)" and replace it with the phrase "ten cents (\$0.10)"

-on section b, line 2, delete the phrase "11 dollars (\$11.00)" and replace it with the phrase "\$13 dollars (\$13.00).

3. Schedule B, "Charges for Connection to Sewer Systems" Reference Section 23-58); effective on January 1, 2009:

-on section a, line 2, delete the charge "\$275.00" and replace it with \$300.00

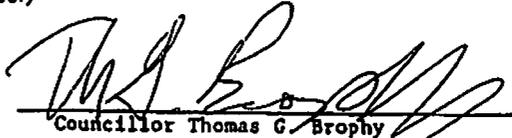
-on section b, line 2, delete the charge "\$550.00" and replace it with \$660.00

-on section c, line 2, delete the charge "\$825.00" and replace it with \$900.00

4. Schedule B, "Industrial Discharge Permit Application Fee" ( Reference Section 23-85), effective January 1, 2009

-on line 2, delete the phrase "two hundred twenty dollars" (\$220.00) and replace it with the phrase "two hundred sixty dollars" (\$260.00)

(These recommendations would raise the various sewer charges to provide necessary financing to pay for the cost of refurbishing and upgrading the sewer system, especially the treatment plant, as required by the consent decree, and to recover the revenue shortfall from FY2008.)

  
 Councillor Thomas G. Brophy

CUSTOMER PORTION PAYMENT COUPON

06590  
40

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**APPENDIX 2-4.14: BILL MAINTENANCE AUDIT REPORT**

01/10/2011 15:40  
cwahmm

LIVE DB CITY OF BROCKTON  
UB Bill Maintenance GL Audit Report

PG 1  
ubglaudt

doc 7

Detail

Date Range: 01/10/2011 To: 01/11/2011 Category Range: 60 To:63

Clerk	Cat	Date	Org	Obj	Proj	Debit	Credit
cwaamf	60	01/10/2011	60044104	131000			4,438.76
		01/10/2011	60044126	265400		4,438.76	
		01/10/2011	61045104	131001		129.60	
		01/10/2011	61045104	131001			1,810.81
		01/10/2011	61045126	265400		1,810.81	
		01/10/2011	61045126	265400			129.60
**	Clerk	cwaamf		Total		6,379.17	6,379.17
cwaamh		01/10/2011	60044104	131000			24,198.81
		01/10/2011	60044126	265400		24,198.81	
		01/10/2011	61045104	131001			5,973.00
		01/10/2011	61045126	265400		5,973.00	
*	Category	60	Total			36,550.98	36,550.98
**	Clerk	cwaamh		Total		30,171.81	30,171.81
***	Final	Total				36,550.98	36,550.98

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## **APPENDIX 2-4.15: NO READS TO ESTIMATE READS**

Meter readers' Manual  
on gun

doc. 9

Brian's reads

20002	12/20/2010	170714	8 N WINNIFRED RD	2000633443
20009	1/3/2011	81242	15 ATHENS DR	6610222152
20012	1/5/2011	80108	62 BOYLSTON ST	614107712
20014	1/5/2011	187608	179 ASH ST	2000329837
20015	1/5/2011	239912	171 ASH ST	6142077899
20017	12/20/2010	418770	5 THRU 7 N ARLINGTON ST	2000321615
20018	12/20/2010	99676	11 N ARLINGTON ST	
20024	12/16/2010	158861	30 ARLINGTON ST	2000630882
20026	12/16/2010	188055	33 ARLINGTON ST	2000510102
20028	12/17/2010	40041	1161 W ELM ST EXT	6421046694
20031	12/29/2010	203085	119 WYOMING AVE	2000643054
20036	12/16/2010	167882	21 ASH ST	2000239869
20040	12/16/2010	28705	32 ASH ST	
20041	12/16/2010	252710	35 ASH ST	2000150277
20042	12/16/2010	104192	36 ASH ST	6610305208
20043	12/16/2010	165044	40 ASH ST	2000252386
20044	12/16/2010	123750	43 ASH ST	2000264212
20046	12/16/2010	94706	47 ASH ST	2000251534
20047	12/16/2010	165471	50 ASH ST	2000263451
20048	12/16/2010	50123	51 ASH ST	2000374782
20051	12/16/2010	136654	68 ASH ST	2000723413
20053	12/16/2010	202000	81 ASH ST	2000237015
20054	12/16/2010	157719	98 ASH ST	2000253225
20057	12/16/2010	159119	135 ASH ST	2000264070
20058	12/16/2010	93392	208 ASH ST	2000252282
20060	12/16/2010	84077	237 ASH ST	2000250407

all on list - these are ones w/ no reads

Take off No reads. Compare to estimates & if  
have a reading on a previous ed. use reading

20002	12/20/2010	170714	8 N WINNIFRED RD	2000633443
20009	1/3/2011	81242	15 ATHENS DR	6810222152
20012	1/5/2011	80108	62 BOYLSTON ST	614107712
20014	1/5/2011	187608	179 ASH ST	2000329637
20015	1/5/2011	239912	171 ASH ST	6142077899
20017	12/20/2010	418770	5 THRU 7 N ARLINGTON ST	2000321615
20018	12/20/2010	99676	11 N ARLINGTON ST	
20024	12/16/2010	158861	30 ARLINGTON ST	2000630882
20026	12/16/2010	188055	33 ARLINGTON ST	2000510102
20028	12/17/2010	40041	1161 W ELM ST EXT	6421046694
20031	12/29/2010	203085	119 WYOMING AVE	2000643054
20036	12/16/2010	167882	21 ASH ST	2000239869
20040	12/16/2010	28705	32 ASH ST	
20041	12/16/2010	252710	35 ASH ST	2000150277
20042	12/16/2010	104192	36 ASH ST	6610305208
20043	12/16/2010	165044	40 ASH ST	2000252386
20044	12/16/2010	123750	43 ASH ST	2000264212
20046	12/16/2010	94706	47 ASH ST	2000251534
20047	12/16/2010	165471	50 ASH ST	2000263451
20048	12/16/2010	50123	51 ASH ST	2000374782
20051	12/16/2010	136654	68 ASH ST	2000723413
20053	12/16/2010	202000	81 ASH ST	2000237015
20054	12/16/2010	157719	98 ASH ST	2000253225
20057	12/16/2010	159119	135 ASH ST	2000264070
20058	12/16/2010	93392	208 ASH ST	2000252282
20060	12/16/2010	84077	237 ASH ST	2000250407

---

**APPENDIX 2-4.16: SAMPLE MUNIS CHARGE PROOF REGISTER  
REPORT**

Run: 2 Commitment: 1104 Summary Begin: 10/15/2010 End: 04/15/2011  
 Charge Code: To: ZZZZZZ Bill: 04/15/2011 Due: 05/23/2011  
 Group Code : To: ZZZZ Sequence by ACCOUNT/CHARGE CODE Int/Penalty: 05/23/2011

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
-----									
Summary by CHARGE CODE									
1FSPRK FIRE SPRINKLER	60	2750.00	.00	.00	.00	.00		2750.00	25
			0	.0000	.0000				
1WATER WATER USAGE	60	208680.00	138988.55	.00	.00	.00		347668.55	3484
			64,792,000	.0000	.0000				
2RESFR RESIDENTIAL FIRE S	60	1080.00	.00	.00	.00	.00		1080.00	18
			0	.0000	.0000				
3SEASN SEASONAL	60	12600.00	.00	.00	.00	.00		12600.00	280
			0	.0000	.0000				
3STIP SERVICE TIGHT RENEW	60	2584.00	.00	.00	.00	.00		2584.00	38
			0	.0000	.0000				
-----									
Summary Totals ----->		227694.00	138988.55	.00	.00	.00	.00	366682.55	3845
			64,792,000	.0000	.0000				

Summary by DISTRICT									
2 CYCLE 2	60	227694.00	138988.55	.00	.00	.00		366682.55	3845
			64,792,000	.0000	.0000				
-----									
Summary Totals ----->		227694.00	138988.55	.00	.00	.00	.00	366682.55	3845
			64,792,000	.0000	.0000				

Summary by GROUP									
10	60	16321.00	20500.35	.00	.00	.00		36821.35	281
			7,137,000	.0000	.0000				
100	60	16719.00	8700.70	.00	.00	.00		25419.70	283
			4,368,000	.0000	.0000				
105	60	9735.00	5490.35	.00	.00	.00		15225.35	163
			2,687,000	.0000	.0000				
115	60	8948.00	6732.40	.00	.00	.00		15680.40	150
			2,798,000	.0000	.0000				
120	60	14303.00	5115.50	.00	.00	.00		19418.50	245
			2,704,000	.0000	.0000				
130	60	11768.00	6013.65	.00	.00	.00		17781.65	205
			2,754,000	.0000	.0000				
135	60	13508.00	11061.85	.00	.00	.00		24569.85	230
			4,777,000	.0000	.0000				
140	60	13981.00	4995.50	.00	.00	.00		18976.50	241
			2,711,000	.0000	.0000				
145	60	7126.00	2082.80	.00	.00	.00		9208.80	121
			1,395,000	.0000	.0000				
150	60	16810.00	9175.50	.00	.00	.00		25985.50	284
			4,902,000	.0000	.0000				
152	60	6151.00	1850.30	.00	.00	.00		8001.30	104
			1,193,000	.0000	.0000				
155	60	11461.00	5937.30	.00	.00	.00		17398.30	193
			3,050,000	.0000	.0000				
157	60	8814.00	4507.25	.00	.00	.00		13321.25	146
			2,489,000	.0000	.0000				
160	60	22412.00	11387.40	.00	.00	.00		33799.40	380
			5,898,000	.0000	.0000				
187	60	10936.00	5137.00	.00	.00	.00		16073.00	185
			2,857,000	.0000	.0000				
190	60	10869.00	16055.90	.00	.00	.00		26924.90	183

Run: 2 Commitment: 1104 Summary Begin: 10/15/2010 End: 04/15/2011  
 Charge Code: To: ZZZZZZ Bill: 04/15/2011 Due: 05/23/2011  
 Group Code : To: ZZZZ Sequence by ACCOUNT/CHARGE CODE Int/Penalty: 05/23/2011

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
-----									
Summary by GROUP									
			5,849,000	.0000	.0000				
206	60	3825.00	5601.15	.00	.00	.00		9426.15	64
			2,073,000	.0000	.0000				
210	60	15879.00	5771.80	.00	.00	.00		22650.80	268
			4,014,000	.0000	.0000				
2110	60	5378.00	1871.85	.00	.00	.00		7249.85	92
			1,136,000	.0000	.0000				
9002	60	2750.00	.00	.00	.00	.00		2750.00	25
			0	.0000	.0000				
-----									
Summary Totals ----->		227694.00	138988.55	.00	.00	.00	.00	366682.55	3845
			64,792,000	.0000	.0000				

Summary by CHARGE TYPE/CODE									
Service 1FSPRK FIRE SPRIN	60	2750.00	.00	.00	.00	.00		2750.00	25
			0	.0000	.0000				
Service 1WATER WATER USAG	60	209680.00	138988.55	.00	.00	.00		347668.55	3484
			64,792,000	.0000	.0000				
Service 2RESFR RESIDENTIA	60	1080.00	.00	.00	.00	.00		1080.00	18
			0	.0000	.0000				
Service 3SEASN SEASONAL	60	12600.00	.00	.00	.00	.00		12600.00	280
			0	.0000	.0000				
Service 3STIP SERVICE TIG	60	2584.00	.00	.00	.00	.00		2584.00	38
			0	.0000	.0000				
-----									
Summary Totals ----->		227694.00	138988.55	.00	.00	.00	.00	366682.55	3845
			64,792,000	.0000	.0000				

Total Active Accounts: 3521

\*\* END OF REPORT - Generated by Wellesley Marsh \*\*

1/12/2011 09:47 |TOWN OF HARWICH - LIVE DATA  
 marsh |Generate AR Journal Entries

|PG 2  
 |ubgenrar

UND	YEAR PER	JNL	EFF DATE	ACCOUNT DESCRIPTION	DEBIT	CREDIT
320 WATER ENTERPRISE FUND	2011 10	50	04/15/2011			
1320-134000				ACCOUNT RECEIVABLE- WATER	2,584.00	
1330-134000				ACCOUNT RECEIVABLE- WATER	347,668.55	
1320-134000				ACCOUNT RECEIVABLE- WATER	12,600.00	
1320-134000				ACCOUNT RECEIVABLE- WATER	2,750.00	
1320-134000				ACCOUNT RECEIVABLE- WATER	1,080.00	
1320-265400				DEFERRED REVENUE WATER		347,668.55
1320-265400				DEFERRED REVENUE WATER		2,750.00
1320-265400				DEFERRED REVENUE WATER		12,600.00
1320-265400				DEFERRED REVENUE WATER		2,584.00
1320-265400				DEFERRED REVENUE WATER		1,080.00
FUND TOTAL					366,682.55	366,682.55

\*\* END OF REPORT - Generated by Wellesley Marsh \*\*

4/12/2011 09:47 |TOWN OF HARWICH - LIVE DATA  
 marsh |Generate AR Journal Entries

|PG 1  
 |ubgenrar

CLERK: wmarsh

YEAR PER	JNL	ACCOUNT	ACCOUNT DESC	T OB	DEBIT	CREDIT	
EFF DATE	JNL DESC	REF 1	REF 2	REF 3	LINE DESC		
011 10	50						
BB 1320-134000					ACCOUNT RECEIVABLE- WATER	2,750.00	
04/15/2011	U/B AR GEN 1104	2	-1104	1FSPRK			
BB 1320-265400					DEFERRED REVENUE WATER	2,750.00	
04/15/2011	U/S AR GEN 1104	2	-1104	1FSPRK			
BB 1320-134000					ACCOUNT RECEIVABLE- WATER	347,668.55	
04/15/2011	U/B AR GEN 1104	2	-1104	1WATER			
BB 1320-265400					DEFERRED REVENUE WATER	347,668.55	
04/15/2011	U/B AR GEN 1104	2	-1104	1WATER			
BB 1320-134000					ACCOUNT RECEIVABLE- WATER	1,080.00	
04/15/2011	U/B AR GEN 1104	2	-1104	2RESFR			
BB 1320-265400					DEFERRED REVENUE WATER	1,080.00	
04/15/2011	U/B AR GEN 1104	2	-1104	2RESFR			
BB 1320-134000					ACCOUNT RECEIVABLE- WATER	12,600.00	
04/15/2011	U/B AR GEN 1104	2	-1104	3SEASN			
BB 1320-265400					DEFERRED REVENUE WATER	12,600.00	
04/15/2011	U/B AR GEN 1104	2	-1104	3SEASN			
BB 1320-134000					ACCOUNT RECEIVABLE- WATER	2,584.00	
04/15/2011	U/B AR GEN 1104	2	-1104	3STIP			
BB 1320-265400					DEFERRED REVENUE WATER	2,584.00	
04/15/2011	U/B AR GEN 1104	2	-1104	3STIP			
General Services JOURNAL 2011/10/50					TOTAL	366,682.55	366,682.55

Subj: **Re: Local Acceptance Laws**  
Date: 4/24/2011 11:48:21 A.M. Eastern Daylight Time  
From: [dandrew18@comcast.net](mailto:dandrew18@comcast.net)  
To: [BETTERGOV@aol.com](mailto:BETTERGOV@aol.com)

Sorry, this time I took notes. Go to Brockton's Home Page and click on "government"  
Then click on "City Ordinances"

Then click on "Ordinances, Charter & Related Laws, the second option under  
"Ordinances, Table of Contents"

Click "Download"

You'll get a large 75 page series of documents (starting with Charter and Related Laws"  
Scroll to page 53 which at the top says "table of General Laws accepted by the City of  
Brockton"

they are all listed there.

I'm leaving in 5 minutes to be in Haverhill at 1 pm. I'll call when I get home tonight.

Don

----- Original Message -----

From: [BETTERGOV@aol.com](mailto:BETTERGOV@aol.com)  
To: [dandrew18@comcast.net](mailto:dandrew18@comcast.net)  
Sent: Sunday, April 24, 2011 8:28:35 AM  
Subject: Re: Local Acceptance Laws

In a message dated 4/23/2011 5:22:35 P.M. Eastern Daylight Time, [dandrew18@comcast.net](mailto:dandrew18@comcast.net) writes:

Go to the City of Brockton website and under Government, from the home page,  
click on "Charter and Related Laws"

It begins on page 63 of 75. In it is the Charter, something called Code, and  
other stuff that means nothing to us.

Don, page 63 begins the definitions.  
It that what you are referencing?

Mark

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**APPENDIX 2-4.17: CITY'S RESPONSE TO THE DRAFT TECHNICAL  
MEMORANDUM 2-4**

Subj: **FW: 2-4**  
Date: 5/6/2011 3:05:03 P.M. Eastern Daylight Time  
From: [jcondon@ci.brockton.ma.us](mailto:jcondon@ci.brockton.ma.us)  
To: [bettergov@aol.com](mailto:bettergov@aol.com)  
CC: [hchuckran@cobma.us](mailto:hchuckran@cobma.us)

---

**From:** Thoreson Michael  
**Sent:** Friday, May 06, 2011 10:25 AM  
**To:** Condon John; Chuckran Heidi  
**Cc:** Czaja Elaine  
**Subject:** FW: 2-4

Jay -

Here are comments on TM 2-4 from me, Elaine, Brian. April and Larry have not responded yet.

Page 2 Section A-1: Devices is misspelled (devises).

Page 3 Section A-2 second paragraph: Next to last sentence should have additional wording that states that in the past copies of these reports were automatically sent to the Auditor and Treasurer/Collector without signature.

Page 3 Section A-3 first paragraph: remove extra spaces. Second sentence should read The Commissioner reviews this report prior to signing. The last sentence should be deleted as it is misleading. Reviews are performed throughout the billing period.

Page 4 second paragraph: The first sentence should be deleted. It is confusing and unnecessary. This paragraph should start "In the February ....."

Page 5 C. Meter reading division should be meter reading section.

Mike

Michael L. Thoreson  
Commissioner DPW  
45 School Street  
Brockton, MA 02301  
(508) 580-7135

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**From:** Condon John  
**Sent:** Monday, May 02, 2011 5:12 PM  
**To:** Brophy Martin; Thoreson Michael; Santos William; Sullivan Paul; Rowley Larry; Creedon Brian; Czaja Elaine  
**Subject:** FW: 2-4

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**From:** BETTERGOV@aol.com [mailto:[BETTERGOV@aol.com](mailto:BETTERGOV@aol.com)]  
**Sent:** Sunday, May 01, 2011 11:40 AM  
**To:** Condon John; Chuckran Heidi  
**Cc:** TFedder@woodardcurran.com; dandrew18@comcast.net; Bettergov2@aol.com; Bettergov@aol.com; edbryan@crystalreportingsolutions.com  
**Subject:** 2-4

Attached.  
=

Subj: **FW: Task 2-4**  
Date: 5/9/2011 11:21:04 A.M. Eastern Daylight Time  
From: [jcondon@ci.brockton.ma.us](mailto:jcondon@ci.brockton.ma.us)  
To: [bettergov@aol.com](mailto:bettergov@aol.com)

-----Original Message-----

From: Czaja Elaine  
Sent: Monday, May 09, 2011 11:02 AM  
To: Condon John  
Cc: Chuckran Heidi; Thoreson Michael; Rowley Larry; Creedon Brian  
Subject: FW: Task 2-4

Jay:

Comment to Technical Memorandum 2-4, A-5 Management Reports on QA/QC Steps to Review "Exceptions" Such as Abnormally High Reading, Low Reading, Negative Readings, or Zero Reading on Accounts on page 5.

After the sentence, "The City also runs an estimated Read Report", there should be added an additional sentence that states the following.

Prior to the utility bills being issued each quarter, the Utility Department performs a manual QA/QC step procedure for monitoring the number of reading types by each billing district by reviewing the number of Actual (A); Estimated (E); Minimum Read (T); Manual Estimate (C); Other/Called In (O); and Stopped Meter (P) read types by comparing the aggregate read type category type billings count to the total active accounts on the Charge Proof Register (Appendix 2-4.16). This QA/QC step procedure is documented quarterly on the manual read type category proof and reconciliation analysis to the charge proof register.

I have attached a sample of the reports...Elaine

-----Original Message-----

From: [mthoreson@cobma.us](mailto:mthoreson@cobma.us) [mailto:[mthoreson@cobma.us](mailto:mthoreson@cobma.us)]  
Sent: Monday, May 09, 2011 10:50 AM  
To: Czaja Elaine  
Subject:

This E-mail was sent from "RNPA30762" (LD160).

Scan Date: 05.09.2011 10:49:46 (-0400)  
Queries to: [mthoreson@cobma.us](mailto:mthoreson@cobma.us)

May 2011 Bill Run

4/25-11  
4-22-11

4/27/11 ✓

4/27/11 ✓

NOTES ON BILL RUNS	DISTRICT ONE	DISTRICT TWO	DISTRICT THREE
ESTIMATE AND CALCULATE	✓✓	✓	✓
CHURCHILL LINEN (*1) + BH	10% <sup>new</sup> ✓✓	—	—
CONCORD FOOD (*2)	—	✓ HC	—
NEW ACCOUNTS	—	—	—
CHECK STATUS (FINAL BILL) should be o	✓	φ	φ
COMPOUNDS (LG. METERS)	—	—	—
DATES	✓✓	✓	✓
ZERO CONSUMPTION	✓	—	✓
OVER 100,000 AND OVER \$5,000	OKM MLT ✓	✓	✓ MLT 4-27-11
SPECIALS	✓✓	✓✓	✓
CONSTRUCTION	—	—	—
LATE CALLS/ESTIMATE	✓	✓	✓
FINALS	✓✓	✓✓	✓
SEWER ONLY	—	—	—
CODE NUMBERS	✓	✓	✓
ESTIMATE AND CALCULATE	✓✓	✓	✓
OUTPUT	—	✓	✓
CONDOS	new ✓ ✓ <sup>new</sup>	✓ CBS	✓ CBS
FINAL OUTPUT	✓ ✓	✓	✓
CALL IN READS, BILL BURKE	✓	✓	—
Codes: POST ON SPREADSHEET			
L: HELEN/RENE QUARTERLY WATER ACCOUNT PERCENTAGES			
A	4879 ✓	61700 <sup>new</sup> ✓	7,080 ✓
E	974 <del>775</del>	856 ✓	1,147
T	1 977.11	✓	0
C	20 450	54 ✓	81
O	32 32	45 ✓	53
P	101 101	98 100	155
	40		
	6005		
SUBTOTALS:	5986	7757 ✓	8524
Sewer Flats	200 ✓	223 ✓	235
Metered Sewer	✓ ✓	17 ✓	16
Fire	8 ✓	14 (Flu <sup>rate</sup> ) ✓	18
TOTAL:	6198	8011 <sup>new</sup> ✓	8794 ✓

4-22-11 - told all donot touch Dist I  
 'ad proof + deb bill 6252  
 4-25-11 - Run AIR on 1 ✓ deb + firm ✓  
 11.001-m. ✓

04/22/2011 13:12  
cwaamf

LIVE DB CITY OF BROCKTON  
UB Charge Proof/Register  
Commitment: 110051  
Charge Code: To: ZZZZZZ  
Group Code: To: ZZZZ  
Account:

\* Detail \*

Begin: 02/01/2011 End: 04/30/2011  
Bill: 05/06/2011 Due: 06/06/2011  
Int/Penalty: 06/07/2011

PG 1039  
ubbproof

Sequence By ACCOUNT/CHARGE CODE  
To: ZZZZZZZZZZZZZZZZZZZ

Account	Charge	Grp	Units	Name	Seq	Read Dt	* Reading	** Reading	*** U S A G E	****	*****	CHARGE S	*****	Apt #	Dist	Type	Rate Adj
					T R	Previous	Current	Current	Current	Total	Subj-1	Subj-3	Subj-5	Base/Flat	Usage		* Total *
19832				SILVA JOHN L						94 PINE ST				BR	R		
1WTR58	001	0380	000000	01/31/11			751		750	750	.00	.00	.00	22.43			.00
				M E 04/30/11			1501			750	.00	.00	.00	.00			22.43 *
2SWR58	001	0380	000000	01/31/11					750	750	.00	.00	.00	.00			.00
				O E 04/30/11						750	.00	.00	.00	21.98			21.98 *
3REF	001	0380	000000	01/31/11							.00	.00	.00	70.00			.00
				F 04/30/11							.00	.00	.00	.00			70.00 *
Account Total ----->																114.41 **	
19833				BESSTTE PETER						20 FREDERICK ST				BR	R		
1WTR58	001	0202	000000	02/22/11			1		9	9	.00	.00	.00	22.43			.00
				M A 03/15/11			10			9	.00	.00	.00	.00			22.43 *
2SWR58	001	0202	000000	02/22/11			1		9	9	.00	.00	.00	.00			.00
				O A 03/15/11						9	.00	.00	.00	.26			.26 *
3REF	001	0202	000000	02/22/11			1				.00	.00	.00	70.00			.00
				F 04/30/11							.00	.00	.00	.00			70.00 *
Account Total ----->																92.69 **	
19837				GINA M WRIGHT						225 SUMMER ST				BR	R		
1WTR58	001	490	000000	04/19/11					1	1	.00	.00	.00	22.43			.00
				M C 04/30/11			1			1	.00	.00	.00	.00			22.43 *
2SWR58	001	490	000000	04/19/11					1	1	.00	.00	.00	.00			.00
				O C 04/30/11						1	.00	.00	.00	.03			.03 *
3REF	001	490	000000	04/19/11							.00	.00	.00	70.00			.00
				F 04/30/11							.00	.00	.00	.00			70.00 *
Account Total ----->																92.46 **	
19927				CHAN MONNY						30 HAROLD ST				BR	R		
1WTR58	001	0542	000000	12/20/10			40878		3920	3920	.00	.00	.00	22.43			.00
				M O 03/29/11			44798			3920	.00	.00	.00	135.99			158.42 *
2SWR58	001	0542	000000	12/20/10					3920	3920	.00	.00	.00	.00			.00
				O O 03/29/11						3920	.00	.00	.00	159.34			159.34 *
3REF	001	0542	000000	01/31/11							.00	.00	.00	70.00			.00
				F 04/30/11							.00	.00	.00	.00			70.00 *
Account Total ----->																387.76 **	
Final Total ----->																2925196.25 ***	
Final Active Charges ----->																17570 ***	
Final Inactive Charges ----->																0 ***	
Total Actual Reads ----->																10017 ***	
Total Estimated Reads ----->																1939 ***	

04/22/2011 13:12  
cwaamf

LIVE DB CITY OF BROCKTON  
UB Charge Proof/Register

PG 1040  
ubbproof

Run: A  
Charge Code:  
Group Code :

Commitment: 110051  
To: ZZZZZZ  
To: ZZZZ

Summary

Begin: 02/01/2011 End: 04/30/2011  
Bill: 05/06/2011 Due: 06/06/2011  
Int/Penalty: 06/07/2011

Sequence by ACCOUNT/CHARGE CODE

	Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
-----									
Summary by CHARGE CODE									
1WTR01 WATER MIN. CHARGE	60	8811.36	61960.78	.00	.00	.00		70772.14	144
			1,314,967	.0000	.0000				
1WTR02 WATER MIN. CHG 2"	60	22198.68	96231.81	.00	.00	.00		118430.49	77
			2,066,935	.0000	.0000				
1WTR03 WATER MIN.CHG 3" M	60	8577.24	38101.14	.00	.00	.00		46678.38	14
			767,777	.0000	.0000				
1WTR04 WATER MIN CHG. 4"	60	8071.12	116320.71	.00	.00	.00		124391.83	8
			2,076,560	.0000	.0000				
1WTR15 WATER MIN.CHG 1.5"	60	14814.36	51754.18	.00	.00	.00		66568.54	99
			1,214,698	.0000	.0000				
1WTR34 3/4" METER	60	2601.88	24096.50	.00	.00	.00		26698.38	116
			560,922	.0000	.0000				
1WTR58 WATER MIN. CHG 5/8	60	125181.83	455625.94	.00	.00	.00		580807.77	5579
			14,373,809	.0000	.0000				
1WTRF0 10" FIRE SERVICE	60	162.50	.00	.00	.00	.00		162.50	1
			0	.0000	.0000				
1WTRF1 WATER FIRE SERVICE	60	600.00	.00	.00	.00	.00		600.00	6
			0	.0000	.0000				
1WTRF2 6" FIRE SERVICE	60	2125.00	.00	.00	.00	.00		2125.00	17
			0	.0000	.0000				
1WTRF3 8" FIRE SERVICE	60	1200.00	.00	.00	.00	.00		1200.00	8
			0	.0000	.0000				
1WTRFR WATER FLAT RATE	60	797.43	.00	.00	.00	.00		797.43	8
			0	.0000	.0000				
1WTRMR METER RENT	60	.55	.00	.00	.00	.00		.55	1
			0	.0000	.0000				
2SWR01 SEWER FOR 1" METER	60	.00	90867.59	.00	.00	.00		90818.70	139
			1,188,907	.0000	.0000				
10% DISC							-48.89		
2SWR02 SEWER FOR 2" METER	60	.00	182305.97	.00	.00	.00		182305.97	75
			1,977,678	.0000	.0000				
2SWR03 SEWER FOR 3" METER	60	.00	81928.57	.00	.00	.00		81263.41	14
			767,777	.0000	.0000				
10% DISC							-665.16		
2SWR04 SEWER FOR 4" METER	60	.00	232483.90	.00	.00	.00		232483.90	7
			1,982,960	.0000	.0000				
2SWR15 SEWER FOR 1 1/2" M	60	.00	95201.00	.00	.00	.00		95201.00	99
			1,214,698	.0000	.0000				
2SWR34 3/4" SEWER	60	.00	31993.23	.00	.00	.00		31993.23	113
			552,866	.0000	.0000				
2SWR58 SEWER FOR 5/8" MET	60	.00	623373.58	.00	.00	.00		623222.71	5468
			14,169,413	.0000	.0000				
10% DISC							-120.11		
50% DISC							-30.76		
2SWRFR SEWER FLAT RATE	60	22260.09	.00	.00	.00	.00		22260.09	200
			0	.0000	.0000				
2SWRMT METERED SEWER	60	.00	26640.06	.00	.00	.00		24374.23	4
			239,153	.0000	.0000				
10% DISC							-2265.83		
3REF REFUSE FEE	60	502040.00	.00	.00	.00	.00		502040.00	5373
			0	.0000	.0000				
-----									
Summary Totals ----->		719442.04	2208884.96	.00	.00	.00	-3130.75	2925196.25	17570
			44,469,120	.0000	.0000				

04/22/2011 13:12  
cwaamf

LIVE DB CITY OF BROCKTON  
UB Charge Proof/Register  
Commitment: 110051  
To: ZZZZZZ  
To: ZZZZ

Summary

Begin: 02/01/2011 End: 04/30/2011  
Bill: 05/06/2011 Due: 06/06/2011  
Int/Penalty: 06/07/2011

PG 1041  
ubbproof

Run: A  
Charge Code:  
Group Code :

Sequence by ACCOUNT/CHARGE CODE

Cat	Base/Flat	Usage\$/ Usage	Demand/ Usage	KVAR/ Usage	Rate Adj	Subject To	Net Total	Count
-----	-----------	-------------------	------------------	----------------	----------	------------	-----------	-------

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Summary by CHARGE CODE

Total Active Accounts: 6291

\*\* END OF REPORT - Generated by April Troxell \*\*