2. PLANNING APPROACH FOR FUTURE SECTOR DEVELOPMENT

2.6 Planning Principles and Data Management

2.6.2 Data Management

(1) Computer-based System

The data management system was established to support the Provincial Sector Planning Team (PSPT) in the preparation of the Provincial Water Supply, Sewerage and Sanitation Sector Plan (PW4SP). An essential task of data management is to organize various kind of data into an effective and efficient information base.

A computer-based system was applied as a viable solution to process large amount of data and to minimize the human-error in calculation. For this particular project, a dynamic system is designed to allow the planner to adjust planning factors and update the information when further data becomes available.

It is viable and economical to choose the microcomputer with software suitable for the average skills of the common user. In this connection, of the two types of software package available, database and spreadsheet, the latter method was selected. Among the available spreadsheet-type software, EXCEL was used. Excel support file conversion (opening and saving), multiple file opening, graphic presentation of data, What-You-See-Is-What-You-Get (WYSIWYG) formatting, scaleable font and view, etc. The following are the advantage and disadvantages of the spreadsheet method with reference to database method.

Advantage

- 1. Minimum programming skills
- 2. Friendly environment to users
- 3. Graphics presentation of data at user's option.
- 4. Execution of data linkages at formula level entry
- 5. Guided formula creation using function wizard

Disadvantage

- 1. Repeated entry of same formula
- 2. Sorting or indexing is done manually
- 3. All data are loaded in memory, which require huge amount of memory.
- 4. Limited to static data linkages

Data management task starts from the collection of data using the questionnaire forms. The existence and accuracy of data are major concern at this stage to prepare main information bases. Using the microcomputer provided with EXCEL spreadsheet, data in the questionnaire forms are transferred into the forms constructed in EXCEL. Applicable policy, criteria and assumption are entered into key parameter tables. These data are then processed and finally consolidated into target forms. These final provide a map of provincial profile, service coverage, future requirements, cost estimates for future sector development, and funding requirements.

Table 2.6.1 Key Parameter

| No. | | | Description of Key Parameter | Unit | Values |
|-----|--------------------------|---|---|----------------------------------|-------------|
| 1. | | 11'ate | er Supply | | |
| | · Fo | | Number of household to be served by Level I Facility | HH/Source | |
| | Š | | Number of household to be served by Level II System | HH/Public Faucet | |
| | Service Level | | Water Consumption Rate for Level III System | Liter/capita/day | |
| | ŗ | Sani | tation | | |
| 1 | Š | | Std. number of student to be served by a unit of Sanitary toilet | Student/Toilet | |
| | | | Standard number of toilets for a public utility | Toilet/Public Facility | |
| 2. | | | Water Supply | * | |
| | | | UrbanWater Supply | % of Population | |
| | | | Rural Water Supply | % of Population | |
| 1 | | | Sanitation | | |
| f | | 5 | Household Toilet | | |
| | | <u>~</u> | Urban Household Toilet | % of Household | |
| | İ | Ę | Flush | % of Household | |
| - 1 | | F | Pour Flush VIP Latrine | % of Household | |
| - 1 | | 8 | | % of Household | |
| | | Medium Term Plan | Rural Household Toilet Flush | % of Household % of Household | |
| | ایا | Σ | Pour Flush | % of Household | |
| 1 | Ĕ | | VIP Latrine | % of Household | |
| | చ్ | | School Toilet | % of Public Student | - |
| i | 6 | | Public Toilet | . % of Public Utility | |
| | ÿ | | Solid Waste | % of Population | |
| ł | Provincial Sector Target | | Water Supply | | |
| 1 | - 5 | | UrbanWater Supply | % of Population | |
| | ķ | | Rural Water Supply | % of Population | |
| | Ł. | | Sanitation | | |
| | | Household Toilet Urban Household Toilet Flush Pour Flush VIP Latrine Rural Household Toilet Flush | | | |
| | | | | % of Household | |
| 1 | | 죠 | Flush | % of Household | |
| | | E | | % of Household | |
| | | ĭ | VIP Latrine | % of Household | |
| ļ | • | ğ | Rural Household Toilet | % of Household | |
| | | 7 | Flush | % of Household. | |
| [| | | Pour Flush | % of Household | |
| | | | VIP Latrine | % of Household | |
| | | : | School Toilet | % of Public Student | |
| | | | Public Toilet | % of Public Utility | |
| 3. | Person | 100 | Urban Sewerage of Level I Deep Wells to be Rehabilitated | % of Urban Population % | |
| | | | of Level's Deep wells to be Renabilitated of Sector Management Cost to Construction Cost | 70 | |
| 7. | | | ibility and Detail Design | % of Construction Cost | • |
| | | | Struction Supervision | % of Construction Cost | |
| 5. | | | Development and Training Cost | 3 22 22 12 23 24 10 11 2 0 30 | |
| - | | Leve | | % of Construction Cost | |
| | | | I I, II and Public Toilet | % of Construction Cost | |
| 6. | | | III System (Operating Cost) | Pesos/IIH/year | |
| | | | HIII System (Spare Parts/Equipment) | % of Construction Cost | |
| · | curre | | HI System (Spare Parts/Equipment) | Pesos/HH/year | |
| | | | I I System (Spare Parts/Equipment) | Pesos/HH/year | |
| ŀ | ₩. | | ic School Toilet Maintenance Cost | Pesos/Toilet/year | |
| | | | ic Utility Toilet Maintenance Cost | Pesos/Toilet/year | |
| | Allocati | | actors/Percentages of IRA | | |
| 7. | 1.1 | | n Provincial | % | |
| 1 | | Fron | Municipality and Brgy. | %% | |
| 7 | | | els/Percenatges for Different Financing Scenarios | 1 | March 1 |
| 7 | Fundin | | | | |
| 7 | Fundin | ist S | cenario | % Funding Available | |
| | Fundin | ist S 2nd | cenario Scenario | % Funding Available | |
| 7 | Fundin | ist S 2nd 3rd S | cenario | | |

Table 2.6.2 Composition of Well Sources and Specific Capacity

| | | Type Water | Proportion | | Standard S | |
|----------------------|-----------|--------------|---------------------------|-----------|------------|------------------------------------|
| Name of Municipality | Туре | Source | (%) | Depth (m) | SWL (m) | Specific Capacity (liter/sec/m) |
| | E. | Shallow Well | | | | |
| | Urban | Deep Well | | | | |
| | 5 | Spring | | | | |
| | 781 | Shallow Well | | | | |
| • | Rural | Deep Well | | | | |
| | 124 | Spring | | | | |
| | g | Shallow Well | | | | |
| | Urban | Deep Well | | | | |
| | ر | Spring | | | | |
| | -a | Shallow Well | | | | |
| | Rural | Deep Well | | | | |
| | ű. | Spring | | | | |
| | ធ | Shallow Well | | | | |
| - | Urban | Deep Well | | | | |
| | | Spring | | | | |
| | Įŧ | Shallow Well | | | | |
| | Rural | Deep Well | | | | |
| | | Spring | | | | |
| | S | Shallow Well | | | | |
| * | Urban | Deep Well | | | | |
| |) | Spring | | | | |
| | 73 | Shallow Well | | | | |
| | Rural | Deep Well | | | | |
| | | Spring | | | | |
| | Ξ, | Shallow Well | | | | |
| | Urban | Deep Well | | | | |
| | \supset | Spring | | | | |
| | -5 | Shallow Well | | | | |
| | Rural | Deep Well | | | | |
| 4 | ~ | Spring | | | | |
| | <u></u> | Shallow Well | | | | |
| | Urban | Deep Well | | | | |
| |) | Spring | | | | |
| | 1 | Shallow Well | | | | |
| | Rumi | Deep Well | | | | |
| | ~ | Spring | | | | |
| | Ē | Shallow Well | | | | |
| | Urban | Deep Well | | | ٤ | |
| | [| Spring | | | | |
| | 1 | Shallow Well | | | | |
| | Rural | Deep Well | | | | |
| | .∝. | Spring | | | | |
| | | Shallow Welf | | T | | |
| | Urban | Deep Well | | | | |
| | ⊃ | Spring | | | | |
| | | Shallow Well | | | | <u> </u> |
| | Rural | Deep Well | 7 7 7 1 | Than a | | |
| | ~ | Spring | ui uu ja gyili | | | |

| | Table 2.6.3 Annual | Investi | nent | | | | |
|--------------------------|-------------------------------------|----------|----------|----------|----------|----------|----------|
| Sub-Sector | Component | 1999 | 2000 | 2001 | 2002 | 2003 | Total |
| | Level III System | | | | | | |
| bar ite: | Feasibility Study and Detail Design | | | | | | |
| Urban Water Supply | Construction & Supervision | 1. | | | ļ | ļ | |
| | Community Development & Training | <u> </u> | | | | | <u> </u> |
| 2. | Level 1 Facility | | | | | | |
| dd dr | Detail Design | 1 | | | ŀ | | |
| Rural Wate r Supply | Construction & Supervision |] · | | | | • | 1 |
| | Community Development & Training | <u> </u> | | | | <u> </u> | |
| \$ | Level II System | | | | | | |
| Ta . | Detail Design | 1 | | | | • | 1 |
| , g | Construction & Supervision | | | | | | ĺ |
| | Community Development & Training | | <u> </u> | | | | |
| | Urban Household Toilet | | 1 | | | | |
| • | Rural Household Toilet | | | | | | |
| u o | Public School Toilet | | ļ | | | ļ. | |
| tati | Public Toilet | 1 | 1 | | | | |
| Sanitation | Disinfection of Level I Wells | | <u> </u> | <u> </u> | | | |
| Ö | Detail Design | 1 | | | | | |
| | Construction & Supervision | | | | 1 | | |
| | Community Development & Training | 1 | 1 | <u> </u> | <u> </u> | | <u> </u> |

Table 2.6.4 Level I Safe & Unsafe Percentage

| Name of Mu | nicipality | Safe (%) | Unsafe (%) |
|-------------|-------------|-------------|---------------|
| | | | |
| | | | |
| | , | - | |
| | | | |
| | | | |
| | | | |
| | | | |
| ····· | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Provincia | l Total | | |

Table 2.6.5 Unit Construction Cost of Different Facilities

| | Unit | Service Coverage | Coverage | Unit | Unit Cost |
|---|-------------------|------------------|-----------|---------------------------------------|-----------|
| Description | Construction Cost | Served | Served | Pesos/ | Pesos/ |
| | (Pesos) | Population | Household | Person | Household |
| Water Supply | | | | | |
| Level III - New System | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | |
| For 5000 Population | | | | | |
| For 10000 Population | | | | | |
| For 15000 Population | | | | | |
| Level III - Expansion | | | | | |
| For 5000 Population | | | | | |
| For 10000 Population | | | | | |
| For 15000 Population | | | | | |
| Level II | | | | | |
| Level I | | | | | |
| Deep Well - 40 meter depth | | | | | |
| Deep Well - 80 meter depth | | | | | |
| Deep Well - 120 meter depth | | | | | |
| Shallow Well - 18 meter depth | | | | - | |
| Spring Development | | | | | |
| Rehabilitation Cost for Level I Deep Well | | | | | |
| Disinfection of Level I Wells | | | | | |
| Sanitation | | | | | |
| Flush | | | | | |
| Pour Flush | | | | | |
| VIP / Dry | | | | | |
| School Toilet | | | | | |
| Public Toilet | | | | | |
| Urban Sewerage | | | | | |
| | | 7 | | | |

Table 2.6.6 Scoring Factor for Municipal Investment Ranking for Urban Water Supply

| Score | Underserved and Unserved Population | Underserved and Underserved and Population Unserved Unserved Population Unserved Population by Level III Systems | Underserved and Population Unserved nserved Population by Level III Systems |
|-------------------------|--|--|---|
| | in Base Year | in Phase I | in Base Year |
| 1.0 | %> | %> | %> |
| 8.0 | 07 >%> | >%> | >%> |
| 9.0 | < >% < 30 | >%> | >%> |
| 0.4 | <%< 20 | >%> | >%> |
| 0.2 | %< 10 | >% | >% |
| Weight Allocation Score | | | |
| (0/) | | | |

Table 2.6.7 Scoring Factor for Municipal Comprehensive Investment Ranking

| Score | Urban Water Supply | Urban Water Supply Rural Water Supply | Urban Sanitation | Rural Sanitation |
|-----------------------------|--------------------|---------------------------------------|------------------|------------------|
| 1.0 | N.A. | %> | %> | %> |
| 8.0 | N.A. | >%> | >%> | >%> |
| 9.0 | Z.A. | >%> | >%> | ×%× |
| 0,4 | N.A. | >%> | >%> | ×%× |
| 0.2 | N.A. | >% | >% | >% |
| Weight Allocation Score (%) | | | | |

3. PROVINCIAL PROFILE

3.3 Socio-economic Conditions

3.3.1 Economic Activities and Family Income

Table 3.3.1 Distribution of Families by Income Class

| | | Anti | que | | Regio | n VI |
|-------------------|--------------|---------------|----------------------|--------------------|-----------------------|------------------------------|
| | Total Number | r of Families | Annual | Income | Total | Annual |
| Income Class | Number | Share | Total (P '000.00) | Average (Pesos) | Number of Families | Income Average (Pesos) |
| Under 15,000 | 6,713 | 7 | 84,166 | 12,538 | 38,620 | 12,865 |
| 15,000 - 19,999 | 4,923 | 5 . | 88,068 | 17,890 | 50,543 | 19,828 |
| 20,000 - 29,999 | 24,166 | 26 | 596,801 | 24,695 | 209,138 | 27,662 |
| 30,000 - 39,999 | 23,496 | 26 | 833,211 | 35,463 | 224,397 | 37,336 |
| 40,000 - 59,999 | 14,992 | 16 | 649,203 | 43,304 | 280,436 | 51,099 |
| 60,000 - 99,999 | 12,083 | 13 | 913,814 | 75,627 | 199,449 | 86,842 |
| 100,000 - 249,999 | 4,923 | 5 | 705,034 | 143,221 | 112,990 | 161,051 |
| 250,000 and over | | .0 | | | 17,827 | 399,169 |

Source: 1994 Family Income and Expenditures Survey by NSO

Notes:

(1) Derived from Region VI FIES

(2) Based on NEDA and other agencies, poverty threshold in Region VI was estimated at P 47,133 (P 8,197 annual per capita poverty threshold).

(3) For purposes of the survey, a family is defined as a group of persons usually living together and composed of the head and other persons related by blood, marriage and adoption. A single person living alone is considered as a separate family. A household is composed of 1 or more families in the same housing unit and has a common arrangement of food preparation and consumption.

Table 3.3.2 Employment by Major Industry Group and Class of Worker, 1994

| · | | | | | Class of ' | Worker | | | |
|-----------------------------------|--|--|---|--|--|---|--|--|-----------------|
| Major Industry Group | Household Population 15 years and Over Who Worked | Worked for Private Household (Domestic Services) | Worked for Private Business/ Enterprise/ Farm | Worked for Government/ Government Corporation | Self- employed Without Any Paid Employee | Employer In Own Farm or Business | Work With Pay in Own Family Operated Farm or Business | Work Without Pay In Own Family Operated Farm or Business | Not Reported |
| Agriculture, Hunting and Forestry | 117,878 | 153 | 21,772 | 130 | 51,807 | 530 | 106 | 43,333 | 47 |
| Fishing | 13,120 | 20 | 1,601 | 5 | 7,696 | 129 | 26 | 3,622 | 23 |
| Mining and Quarrying | 700 | | 645 | 1 | 26 | | | 27 | 1 |
| Manufacturing | 6,039 | 69 | 1,381 | 10 | 3,515 | 58 | 5 | 981 | 20 |
| Electricity, Gas and Water | 308 | 2 | 254 | 16 | 35 | | | ı | |
| Construction | 3,343 | 155 | 2,549 | 83 | 532 | 2 | 1 | 18 | 4 |
| Trade | 12.338 | 35 | 1,691 | 7 | 8,473 | 283 | . 30 | 1,899 | 10 |
| Services | 40,326 | 12,727 | 10,295 | 14,050 | 2,581 | 177 | 12 | 456 | 28 |
| Not Stated | 234 | 12 | 96 | 11 | 28 | | | 12 | 75 |
| Provincial Total | 194,286 | 13,173 | 40,194 | 14,313 | 74,693 | 1,179 | 179 | 50,349 | 206 |

Source: 1995 NSO Socioeconomic and Demographic Characteristics

3.3.3 Education

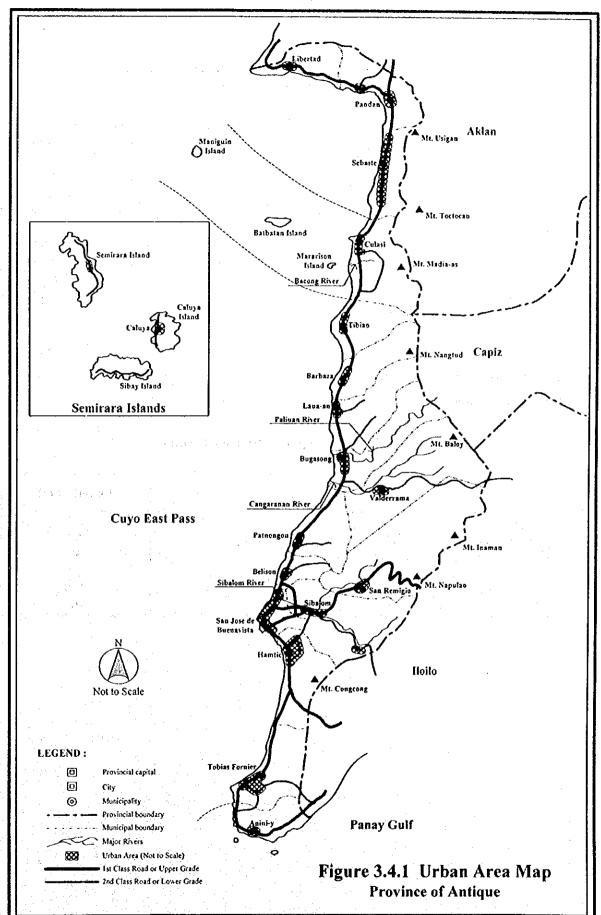
Table 3.3.3 Household Population by Highest Educational Attainment

| | Household | | A | ge Group | | |
|-----------------------------------|---------------------------------------|----------|---------|----------|---------|----------------|
| Highest Educational Attainment | Population 5 years Old and Over | Below 20 | 20 - 24 | 25 - 29 | 30 - 34 | 35 and Over |
| No Grade Completed | 29,954 | 18,829 | 566 | 617 | 650 | 9,292 |
| Pre-school | 16,681 | 16,025 | 58 | 55 | 58 | 485 |
| Elementary | | | | | | |
| 1st - 4th Grade | 100,812 | 54,810 | 3,670 | 3,670 | 3,831 | 34,831 |
| 5th - 7th Grade | 86,770 | 25,519 | 5,397 | 6,239 | 6,621 | 42,994 |
| High School | | | | | | |
| Undergraduate | 47,162 | 26,510 | 4,622 | 3,815 | 2,943 | 9,272 |
| Graduate | 37,370 | 6,682 | 6,659 | 6,375 | 5,505 | 12,149 |
| Post Secondary | | | | | | |
| Undergraduate | 2,401 | 480 | 653 | 425 | 310 | 533 |
| Graduate | 8,935 | 491 | 2,324 | 1,968 | 1,495 | 2,657 |
| College Undergraduate | 16,222 | 4,017 | 4,065 | 2,171 | 1,810 | 4,159 |
| Academic Degree Holder | 19,787 | 154 | 2,970 | 3,544 | 3,467 | 9,652 |
| Post-Baccalaureate | 1,050 | 1 | 68 | 125 | 141 | 715 |
| Not Stated | 5,053 | 3,238 | 231 | 200 | 193 | 1,191 |
| Total | 372,197 | 156,756 | 31,283 | 29,204 | 27,024 | 127,930 |

Source: 1995 NSO Socioeconomic and Demographic Characteristics

3.4 Population

3.4.1 Classification of Urban and Rural Area



3.5 Health Status

Table 3.5.1 Number and Ratio of Population to Health Facilities and/or Medical Practitioners

| Health Facilities and | Anti | ique | Phili | ppines |
|-------------------------|--------|----------|--------|----------|
| Practitioners | Number | Ratio | Number | Ratio |
| Health Facilities | | | | |
| Hospital | 9 | 1/50,561 | 1,700 | 1/40,206 |
| Rural Health Units | 18 | 1/25,281 | 2,335 | 1/29,272 |
| Barangay Health Station | 134 | 1/3,396 | 11,646 | 1/5,869 |
| Practitioners | | | | |
| Doctors | 86 | 1/5,291 | 6,913 | 1/9,887 |
| Nurses | 112 | 1/4,063 | 8,849 | 1/7,724 |
| Midwives | 141 | 1/3,227 | 10,831 | 1/6,311 |
| Dentists | 39 | 1/11,668 | 1,895 | 1/36,068 |

Source: PSPT and 1997 Philippine Statistical Yearbook.

3.6 Environmental Conditions

3.6.2 Water Pollution

Table 3.6.1 Types of Drainage Facilities

| | Type | Length (km) | |
|-------------------|----------------------------------|-------------|-----|
| Drainage Main | | 57 | 1 |
| Open Channel | (with Concrete & rubble masonry) | 57 | |
| Open Ditches & U | | 59 | |
| Reinforced Concre | | 22 | 1 |
| Street Gutters | | 169 | . 1 |
| | rom drainage mains (number) | 0 | 1 |

Source: PSPT

Table 3.6.2 DENR Water Quality Criteria/Water Usage and Classification for Fresh Water

| Parameter | Unit | Class AA | Class A | Class B | Class C | Class D |
|--|---------------|-----------|-----------|-----------|-----------|-----------------|
| Color | PCU | 15 | 50 | (C) | (C) | (C) |
| Temperature (max. rise in deg. Celsius) | °C rise | | . 3 | . 3 | 3 | 3 |
| pH (range) | | 6.5-8.5 | 6.5-8.5 | 6.5-8,5 | 6.5-8.5 | 6.0-9.0 |
| Dissolve Oxygen (Minimum) | %satn mg/L | 70 5.0 | 70 5.0 | 70 5.0 | 60 5.0 | 40 3.0 |
| 5-Day 20°C BOD | mg/L | 1 | 5 | 5 | 7(10) | 10(15) |
| Total Suspended Solids | mg/L | 25 | 50 | | | |
| Total Dissolved Solids | mg/L | 500 | 1,000 | | | 1,000 |
| Surfactants (MBAS) | mg/L | nil | 0.2(0.5) | 0.3(0.5) | 0.5 | |
| Oil/Grease (Petroleum Ether Extract) | mg/L | nil | 1 | 1 . | 2 | 5 |
| Nitrate as Nitrogen | mg/L | 1 | 10 | NR | 10 | |
| Phosphate as Phosporous | mg/L | nil | 0.1 | 0.2 | 0.4 | |
| Phenolic Substances as Phenols | mg/L | nil | 0.002 | 0.005 | 0.02 | <u> </u> |
| Total Coliforms | MPN/100mL | 50 | 1,000 | 1,000 | 5,000 | |
| or Fecal Coliforms | MPN/100mL | 20 | 100 | 200 | | |
| Chloride as Cl | mg/l | . 250 | 250 | | 350 | |
| Соррег | mg/L | 1 | <u> </u> | | 0.05 | . . |

Notes:

Class AA - Public Water Supply Class I. Intended for waters having watersheds that are uninhabited and otherwise protected and which require only approved disinfection in order to meet the national standards for drinking water.

Class A - Public Water Supply Class II. Sources of water supply that will require complete treatment (coagulation, sedimentation, filtration and disinfection) in order to meet drinking water standards.

Class B - Recreational Water Class I. For primary contact recreation such as bathing, swimming skin diving, etc. (particularly for tourism purposes).

Class C - Fishery Water for the propagation and growth of fish and other aquatic resources; recreational (for boating, etc.); industrial water supply class I for manufacturing processes after treatment.

Class D - For agriculture, irrigation, livestock watering, etc.; for industrial water supply class II (cooling, etc.); other inland waters by their quality, belong to this specification.

4. EXISTING FACILITIES AND SERVICE COVERAGE

4.1 Water Supply

4.1.3 Level III Systems

Table 4.1.1 Details on Existing Level HI Systems

Sheet 1 of 4

| | | | | JICCL 1 C | | | | | | |
|-------------------------|---------------------------|-------|-----------|-----------|-------|--|-------|--------|--------------------------|---------|
| Name of Municipality | Name of Operating Body | 1 | iumber of | | | evel III Ser Number of seholds Ser | | | Number of ulation Ser | |
| | | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Barbaza | Barbaza WD | 2 | 8 | 10 | 130 | 337 | 467 | 770 | 2,002 | 2,772 |
| Bugasong | Bagasong WD | . 3 | 4 | 7 | 582 | 140 | 722 | 4,866 | 4,078 | 8,944 |
| Culasi | Culasi - LGU WWS | | 3 | 3 | | . 153 | 153 | | 735 | 735 |
| | Culasi WD | 3 | 6 | 9 | 691 | 246 | 937 | 4,455 | 1,439 | 5,894 |
| | Municipal Total | 3 | 9 | 12 | 691 | 399 | 1,090 | 4,455 | 2,174 | 6,629 |
| Hamtic | Hamtic WD | 5 | | 5 | 333 | | 333 | 1,575 | | 1,575 |
| | Malandog LGU | | 1 | - 1 | | 124 | 124 | | 617 | 617 |
| | Municipal Total | - 5 | ı | 6 | 333 | 124 | 457 | 1,575 | 617 | 2,192 |
| Pandan | Pandan WD | 3 | 14 | 17 | 389 | 585 | 974 | 2,883 | 21,160 | 24,043 |
| Patnongon | Patnongon WD | 1 | 3 | 4 | 445 | 33 | 478 | 1,835 | 165 | 2,000 |
| San Jose de | San Jose - LGU | . 9 | | 9 | 1,992 | | 1,992 | 9,960 | | 9,960 |
| Sebaste | Sebaste - LGU | 1 | | 1 | 519 | | 519 | 2,885 | | 2,885 |
| Sibalom | Sibatom WD | 4 | · 2 | 6 | 1,146 | 266 | 1,412 | 4,614 | 486 | 5,100 |
| Tibiao | Tibiao - LGU WWS | 1 | 2 | 3 | 305 | 372 | 677 | 1,228 | 1,318 | 2,546 |
| Tobias Fornier | Tobias Fornier WD | 3 | I, | 4 | 692 | 78 | 770 | 3,683 | 394 | 4,077 |
| Provin | icial Total | 35 | 44 | 79 | 7,224 | 2,334 | 9,558 | 38,754 | 32,394 | 71,[48] |

Table 4.1.1 Details on Existing Level III Systems

Sheet 2 of 4

| Name of | Nome of Owner, | | | | | Level II Se | rvice | | | |
|----------------|---------------------------|--------|-----------|-------------|-------------|--------------|------------|-------------|-------------|--------------|
| Municipality | Name of Operating Body | Number | of Public | Faucets | Number o | of Househo | lds Served | Number o | f Populatio | on Served |
| \$1 1. T. | | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Barbaza | Barbaza WD | - 1 | | | | | | | | i |
| Bugasong | Bagasong WD | | 2 | | | 1 | <u> </u> | | | ļ |
| Culași | Culasi - LGU WWS | | | | | | | | | <u></u> |
| | Culasi WD | | | | | | <u> </u> | · | | |
| | Municipal Total | | 1, | | | | | | | |
| Hamtic | Hamtic WD | | | | | | | | | |
| | Malandog LGU | N | | 3.4 | | | | | | |
| | Municipal Total | | | - · · · · · | | | | | | |
| Pandan | Pandan WD | | | 7 77 7 | | | - 1 | | | |
| Patnongon | Patnongon WD | | : | | | | | | | |
| San Jose de | San Jose - LGU | | | | | | | | | <u> </u> |
| Sebaste | Sebaste - LGU | 4 | | 4 | 20 | | 20 | 100 | | 100 |
| Sibalom | Sibalom WD | | | | | | | | | |
| libiao | Tibiao - LGU WWS | | | | | | | | | |
| Tobias Fornier | Tobias Fornier WD | | | - | | | | | | |
| Provinc | ial Total | 4 | | 4 | 20 | | 20 | 100 | | 100 |

Table 4.1.1 Details on Existing Level III Systems

Sheet 3 of 4

| Name of | Yama of Onousin a | | Water Sou | rces | | Consu | ımption | |
|----------------|------------------------|--------|-----------|------------|-------------|---------------|----------------|---------------------------------------|
| Municipality | Name of Operating Body | Type i | Number | Production | Domestic | Institutional | Commercial | Industrial |
| | | 13pe | Mumber | (cu.m/day) | | (cu.ı | n/day) | · |
| Barbaza | Barbaza WD | SP | 2 | 3,024 | 187 | | | |
| Bugasong | Bagasong WD | DW | 1 | 396 | 385 | | 106 | |
| Cufasi | Culasi - LGU WWS | 1. | | | · | | | |
| * 1 | Culasi WD | SP | ī | 605 | | 1 | | |
| | Municipal Total | SP | 1 | 605 | ٠. | | ~ | |
| Hamtie | Hamtic WD | DW | 1 | 269 | | | | |
| | Malandog LGU | DW | 1 | 996 | | | | |
| | Municipal Total | DW | 2 | 1,265 | | 1 | | |
| Pandan | Pandan WD | SP | | 2,484 | | | | |
| Patnongon | Patnongon WD | DW | i | 888 | | 1 | | · · · · · · · · · · · · · · · · · · · |
| San Jose de | San Jose - LGU | SP | 3 | 15,200 | <u></u> | | | |
| Sebaste | Sebaste - LGU | Surf | 1 | 86 | 1,020 | J | 1 44 1 1 | · |
| Sibalom | Sibalom WD | DW | 1 | 486 | 547 | ! | | |
| Tibiao | Tibiao - LGU WWS | SP | 1 | | | | | |
| Tobias Fornier | Tobias Fomier WD | SP | ī | 240 | | - | | |
| Provin | icial Total | | 15 | 24,674 | 2,138 | | 106 | |

Note: 1. Type of Water Source; DW - Deep Well, DgW - Dug Well, Surf - Surface Water (River), SP - Spring, and IG - Infiltration Gallery

Table 4.1.1 Details on Existing Level III Systems
Sheet 4 of 4

| | | | | | | | | C | onsuiner | 5 | | | | | | |
|----------------|-----------------|----------|----------------|----------------------|---------|----------------|----------------------|------------------|----------------|---------------------|----------|----------------|-----------------------------------|----------|----------------|-----------------------|
| Name of | Name of | Domestic | House C | onnections | Dome | stic Publ | ic Faucets | Institut | ional Co | nsumers | Comm | ercial Co | nsumers | Indus | trial Con | sumers |
| Municipality | Operating Body | Conne | | Con- | Conne | ction | Con- | Conne | ction | Cons- | Conne | etion | Con- | Соппе | ction | Con- |
| | | Metered | Unme- tered | sumption (m³/day) | Metered | Unme- tered | sumption (m³/day) | Metered | Unme- Tered | umption (m²/day) | Metered | Unme- tered | sumption (m ³ /day) | Metered | Unme- tered | sumption (in /day) |
| Barbaza | Barbaza WD | . 467 | | 186.80 | | | | | Г | | i – | | | | - | |
| | Bagasong WD | 722 | | 385.00 | | | | | | | . 80 | | 195.00 | · | - | l |
| Culași | Culasi - LGU | | 153 | 7 . | | | | | 7 -5 | 1. 1/2 | | | | | | |
| : | Culași WD | 819 | | | , | | | 33 | | | 5 | | | | | |
| | Municipal Total | | 1 | | | | | † • • • • | | | | | | | | |
| famtic | Hamtie WD | -333 | | | | | | 6 | | - | | | | <u>.</u> | | |
| | Malandog LGU | 122 | | | | 2 | | 1 | | | | | | | | |
| | Municipal Total | | 1 | | | | | | | | | | | | | ļ |
| Pandan | Pandan WD | 974 | | | | | | 23 | | - | 7 | | | | | |
| Patnongon | Patnongon WD | 476 | 2 | | | | | l | | | <u>-</u> | | | | | <u> </u> |
| San Jose de | San Jose - LGU | 1,992 | | | | | · · · · · · | 26 | <u> </u> | | 26 | | | | | |
| Sebaste | Sebaste - LGU | . 510 | | 1,020.00 | | 4 | | | | | | | | | · · · · · | |
| Sibatom | Sibalom WD | 850 | | 546.67 | | 7.0 | | | | | | | | | | |
| Libiao | Tibiao - LGU | 677 | | | | | | | ├ | | 1.1 | | of the country | · | <u> </u> | - |
| Tobias Fornier | Tobias Fornier | 770 | | | · | | | · | | <u> </u> | | | | - | | |
| Provin | cial Total | 8.722 | 155 | 2,138 | 1 | 6 | | 88 | 4 | | 118 | | 106.00 | 8 | | |

4.1.4 Level II Systems

Table 4.1.2 Details on Existing Level II Systems
Sheet 1 of 6

| | | | | | | Pwie | Pricting Racilities | 36 | |
|--------------|-------------------------|-------|--------------|-----------|--------------|---|---------------------|--------------|-----------|
| | | | Water Source | - | | CANCA | A | | |
| Name of | | | rates Source | | Length of | Reservoir | rvoir | Length of | Number |
| Municipality | ivame of Operating body | Ė | | Discharge | Transmission | N. S. A. S. | Volume | | of Public |
| | | Lype | Number | (m³/day) | Line (meter) | Lagrina. | (m³) | Line (meter) | Faucets |
| Anini-y | Bayo Grande | SP | H | 21.6 | 006 | 1 | 24.0 | | 9 |
| • | Bayo Pequeño | SP | g-m4 | 21.6 | 200 | 1 | 8.0 | | S |
| | Casay | SP | T. | 21.6 | 1,200 | 1 | 8.0 | 2,000 | 4 |
| | Iba | SP | 1 | 21.6 | 500 | 1 | 12.0 | 100 | 4 |
| - | Igtumarom | SP | . 1 | 21.6 | 1,000 | | | 20 | 3 |
| | Lisub B | SP | 1. | 21.6 | 400 | 1 | 6.0 | | 4 |
| | Mabuyong | SP | 1. | | 1,000 | | | | 3 |
| | Salvacion | SP | - | 21.6 | 1,200 | 1 | 12.0 | 50 | 7 |
| • | San Ramon | SP | 1 | 21.6 | | 1 | 6.0 | | 3 |
| | Tagaytay | SP | Ţ | 21.6 | 009 | ι | 12.0 | | 4 |
| | Municipal Total | SP | 10 | 194.4 | 7,300 | 8 | 88.0 | 2,170 | 38 |
| Belison | Borocboroc BWSA | DW | 1 | 10.0 | 1,000 | 1 | 10.0 | 2,000 | 4 |
| | Buenavista BWSA | SP | 1 | 14.5 | 290 | 1 | 14.5 | 300 | 12 |
| | Mojon BWSA | DW. | I | 14.5 | | ĭ | 14.5 | 120 | 10 |
| | Municipal Total | DW/SP | 2/1 | 39.0 | 1,365 | 3 | 39.0 | 2,420 | 56 |
| Bugasong | Camangahan WWS | SP | . 1 | 0.01 | 005 | 2 | 20.0 | 1,000 | 13 |
| | Guija-Sabang West WWS | SP | 1 | 10.0 | 200 | 1 | 4.0 | 1,750 | 46 |
| | Ilaures Spring System | SP | 1 | | | | | | 2 |
| - | Zaragoza | SP | 1 | | | | | 400 | 16 |
| | Municipal Total | SP | 4 | 20.0 | 1,000 | 3 | 24.0 | 3,150 | 95 |
| Culasi | Batbatan Island | SP | 1 | 9.8 | 1,000 | 2 | 4.0 | 500 | 4 |
| | Bitadton Norte | SP | 1 | 259.2 | 1,000 | 2 | 4.0 | 500 | 4 |
| | Flores | SP | 1 | 8.409 | 000'1 | | 3.0 | 400 | 8 |
| | Magsaysay | ďS | 1 | 345.6 | 1,000 | | 2.5 | 200 | S |
| | Malalison Island | dS | 1 | 64.8 | . 200 | 2 | 3.3 | 105 | 2 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 1 of 6

| | | | | | | Exis | Existing Facilities | es | |
|--------------|------------------------|------|--------------|------------|--------------|--------|---------------------|--------------|--------|
| Name of | ; ; | | Water Source | ٠ <u>-</u> | Length of | Rese | Reservoir | Length of | Number |
| Municipality | Name of Operating Body | | | Discharge | Transmission | | Volume | Distribution | |
| | | Type | Number | (m³/dav) | Line (meter) | Number | (m) | Line (meter) | |
| Culasi | Osono | SP | 1 | 259.2 | 1,000 | 1 | 1.0 | | JL |
| | San Pascual | SP | 1 | 345.6 | 1,000 | | 3.0 | | 9 |
| | Simbola | SP | 1 | 518.4 | | 1 | 0.9 | | |
| - | Tigbobolo | SP | 1 | 432.0 | 1,000 | 1 | 4.0 | | |
| | Municipal Total | SP | 6 | 2.838.2 | 8,200 | 13 | 30.8 | 2,755 | 49 |
| Hamtic | Apdo | SP | 1 | 216.0 | | 1 | 72.0 | | 7 |
| | Banawon | SP | 1 | 216.0 | | 1 | 72.0 | 500 | 6 |
| | Bongbongan III | SP | Ţ | 216.0 | 1,200 | | 72.0 | | 9 |
| | Botbot | SP | | 216.0 | 200 | 1 | 72.0 | | 9 |
| | Bubudan | SP | | 172.8 | 300 | 1 | 51.2 | leó l | 4 |
| | Calacja I | SP | 1 | 216.0 | 2,100 | 1 | 72.0 | 1,300 | 5 |
| | Calacja II | SP | 1 | 172.8 | 2,100 | 1 | 40.0 | | |
| | Caromangay | SP | 1 | 172.8 | 200 | 1 | 28.0 | | 4 |
| | Casalngan | SP | 1 | 216.0 | 100 | 1 | 40.0 | 400 | S |
| - | Dangcalan | SP | 1 | 57.6 | | | 40.0 | 200 | |
| | Evelio B. Javier | SP | 1 | 172.8 | 100 | | 40.0 | 300 | |
| | Fabrica | SP | 1 | 216.0 | 1,300 | 1 | 40.0 | 1,800 | 9 |
| | General Fullon | SP | - | 172.8 | 1,200 | 1 | 28.8 | 300 | 3 |
| | Igbucagay | SP | 1 | 216.0 | 200 | Ţ | 40.0 | 500 | |
| | Linaban | SP | 1 | 216.0 | 1,200 | 1 | 40.0 | 1,500 | 13 |
| - | Mapatag | SP | 1 | 172.8 | 1,200 | -1 | 40.0 | 400 | |
| | Poblacion 5 | SP | 1 | 172.8 | 1,200 | 1 | 40.0 | 1,500 | 8 |
| | Municipal Total | SP | 17 | 3,211.2 | 13,600 | 17 | 828.0 | 15,900 | 6 |
| Laua-an | Banban | SP | 1 | | 2,000 | 1 | | | |
| | Capnayan | SP | 1 | | 2,000 | 1 | 3.0 | 1.000 | 4 |
| | Casit-an | SP | 1 | | 3,000 | - | 3.0 | 1.000 | 91 |
| | Guiamon | SP | 1 | | 2,000 | 7 | 2.0 | 1.000 | 4 |
| | | | | | | | | >>>+ | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 1 of 6

| The second secon | The state of the s | | John Common | | | Exis | Existing Facilities | es | |
|--|--|--------|---|-----------------------|--------------|--------|---------------------|--------------|-----------|
| Name of | Month of Constitution of the Constitution of t | | vyatel Source | | Length of | Rese | Reservoir | Length of | Number |
| Municipality | Name of Operating body | Tvne | Vumber | Discharge | Transmission | Number | Volume | Distribution | of Public |
| | | - J.F. | | (m ³ /day) | Line (meter) | 2 | (m) | Line (meter) | Faucets |
| Laua-an | Intao | SP | 1 | | 3,000 | 1 | 3.0 | | 15 |
| | Jaguikican | SP | -1 | | 3,000 | 1 | 3.0 | 1,000 | 15 |
| | Jinalinan | SP | 1 | | 3,000 | | 2.0 | | 5 |
| | Leon | SP | 1 | | 3,000 | 1 | 4.0 | 1,000 | 8 |
| | Liberato | SP | 1 | | 1,000 | Ţ | 2.0 | 00\$ | 4 |
| | Lindero | SP | 1 | | 2,000 | | 3.0 | | 15 |
| | Liya-liya | SP | 1 | , | 2,000 | Ţ | 2.0 | 0001 | 5 |
| | Maria | SP | 1 | | 2,000 | 2 | 4.0 | 1,000 | 15 |
| | Mauno | SP | 1 | | 3,000 | 1 | 4.0 | | 8 |
| | Maybunga | SP | ~ 1 ~ | | 2,000 | 1 | 3.0 | 1 | 4 |
| | Pandanan | SP | 1 - 1 | | 2,000 | 1 | 3.0 | 250 | 4 |
| | Paniatan | SP | 1 | | 2,000 | ĭ | 2.0 | 9 | 5 |
| | Paningayan | SP | 1 | | 4,000 | 1 | 4.0 | | 9 |
| | San Ramon | SP | Ĭ. | | 2,000 | 1 | 2.0 | 1, | 3 |
| | Santiago | SP | 1 | | 3,000 | 1 | 3.0 | | 9 |
| | Virginia | SP | 1 | | 2,000 | 1 | 2.0 | 300 | 5 |
| | Municipal Total | SP | 20 | | 48,000 | 21 | 54.0 | 20,350 | 151 |
| Libertad | Codiong WWS | SP | 1 | 86.4 | ٠ | 1 | 2.0 | | 5 |
| | Igcagay WWS | SP | ÷ | 129.6 | | 7 | 1.5 | 1 | 5 |
| | Inyawan WWS | SP | 1 5 | 432.0 | | | 3.6 | 400 | 01 |
| | Lindero BWSA | SP | 1.1 | 259.2 | | 1 | 3.6 | I | 12 |
| | Paz | SP | — | 86.4 | 800 | 1 | 3.0 | | 01 |
| | Pucio WS | SP | e da a da | 51.8 | | 1 | 3.5 | 200 | 14 |
| | San Roque | SP | ₩. | 43.2 | 1,500 | | 2.0 | | 5 |
| | Tinigbas | SP | | | 1,200 | | 2.0 | 1 | 151 |
| | Tinindugan | SP | H | 86.4 | 700 | 1 | 1.5 | 200 | E |
| the second secon | Municipal Total | SP | 6 | 1,175.0 | 7,100 | 6 | 22.7 | 8,100 | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 1 of 6

| | | | | | | Feic | Fricting Barilities | Se | |
|----------------|------------------------|------|--------------|-----------------------|--------------|--------------|---------------------|--------------|-----------|
| | | | Water Source | | | SWA | 7 | 4 | |
| Name of | | | valei Sourc | | Length of | Rese | Reservoir | Length of | Number |
| Municipality | Name of Operating Body | | | Discharge | Transmission | 7 | Volume | Distribution | of Public |
| Iviunicipanity | | Type | Number | (m ³ /day) | Line (meter) | Number | (m³) | Line (meter) | Faucets |
| Dandon | Δ τ 2 μ2), | dS | 1 | 25.9 | 200 | | 2.0 | 150 | 4 |
| רשוועושוו | Radiangan | SP | 1 | 43.2 | 800 | | 2.0 | 200 | 4 |
| | Tietoos | SP | 1 | 155.5 | 008 | 1 | 3.0 | 1,200 | 7 |
| | Masdios | SP | Ţ | 34.6 | 009 | 2 | 1.0 | 150 | 5 |
| | Perfecta | ďS | 1 | 25.9 | 300 | 1 | 1.0 | 200 | 9 |
| | San Ioanim | SP | 1 | 5,760.0 | 1,500 | 2 | 6.0 | 400 | 8 |
| | Santa Ana | SP | 1 | 25.9 | 009 | 2 | 6.0 | 300 | 9 |
| | Municipal Total | SP | 2 | 6,071.0 | 4,500 | 10 | 21.0 | 2,600 | 35 |
| Dotte Cartes | A Ivaniz | SP | 1 | 72.0 | | | 12.0 | 183 | 3 |
| I amongom | Badiancan | SP | I | 72.0 | | | 12.0 | 215 | 4 |
| | Hitas | SP | 1 | 86.4 | | 7 | 8.0 | 269 | S |
| - | Cuvaniao | SP | 1 | 72.0 | | 2 | 12.0 | | 5 |
| | Crolls | Sp | - | 12.0 | | - | 8.0 | | 3 |
| | Johanswan | SP | 1 | 0.96 | | 1 | 12.0 | | |
| | Tobing | SP | 1 | 72.0 | | 2 | 12.0 | | 10 |
| | Ta Rioia | SP | - | 48.0 | | 2 | 12.0 | 485 | 14 |
| | Mabasa | SP | 1 | 72.0 | | 1 | 12.0 | 151 | 9 |
| | Macarina | SP | | 72.0 | | Ţ | 12.0 | | |
| | Magarang | SP | 7 | 12.0 | | 1 | 8.0 | | 3 |
| | Pandanan. | SP | _ | 72.0 | | I | 12.0 | | 4 |
| | Patlahawon | SP | | 24.0 | | - 4 | 8.0 | | 4 |
| | Onezon | SP | 1 | 48.0 | | ī | 8.0 | 183 | 4 |
| | Salacmawan | SP | | 72.0 | | , , , | 12.0 | | 3 |
| | San Rafael | SP | 1 | 72.0 | | 1 | 12.0 | 129 | 5 |
| | Tamavoc | SP | | 72.0 | | F-1 | 12.0 | | S |
| | Tiebalogo | SP | | 12.0 | | 1 | 7.0 | 205 | 5 |
| | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 1 of 6

| | | | | | | Exis | Existing Facilities | 65 | |
|-------------------------------|------------------------|------|--------------|-----------|--------------|--------|---------------------|--------------|-----------|
| Name of | | | water Source | e e | Length of | Resc | Reservoir | Length of | Number |
| Municipality | Name of Operating Body | J. | N. | Discharge | Transmission | N | Volume | Distribution | of Public |
| | | ιype | Number | (m³/dav) | Line (meter) | Namber | (m³) | Line (meter) | Faucets |
| Patnongon | Tobias Fornier | SP | 1 | 72.0 | | _ | 12.0 | | |
| | Villa Crespo | SP | 1 | 72.0 | | Ţ | 12.0 | 697 | 20 |
| | Villa Cruz | SP | 1 | 72.0 | | 1 | 12.0 | 237 | |
| | Villa Elio | SP | 1 | 72.0 | | 1 | 12.0 | 801 | 3 |
| | Villa Flores | SP | 1 | 72.0 | | 1 | 12.0 | <i>L</i> 6 | 5 |
| - | Villa Laua-an | SP | 1 | 72.0 | | 1 | 12.0 | 226 | 10 |
| | Villa Sal | SP | 1 | 48.0 | | I | 12.0 | 312 | 13 |
| | Villa Salomon | SP | 1 | 24.0 | | .1 | 8.0 | 791 | 10 |
| | Vista Alegre | SP | 1 | 72.0 | | ., | 12.0 | 237 | 15 |
| | Municipal Total | SP | 27 | 1,634.4 | | 30 | 295.0 | 996'5 | 178 |
| San Jose de Buenavista Bariri | Bariri | SP | 1 | | 200 | | | 200 | 2 |
| | Pantao | SP | 1 | | 2,000 | ľ | | 1,000 | 4 |
| | San Angel | SP | 1 | _ | | | | | 9 |
| | Municipal Total | SP | 3 | | 2,500 | Ţ | | 1,500 | 12 |
| San Remigio | Aningalan | SP | 1 | | 1,500 | | | 500 | 12 |
| | Iguirindon | SP | 1 | | 1,000 | | | 500 | 5 |
| | La union | SP | 1 | | 4,000 | | | 200 | 25 |
| | Nagbangi I | SP | 1 | | | | | | 17 |
| | Nagbangi II | SP · | 1 | | 1,000 | - | | 200 | |
| | Osonio I | SP | 1 | | 1,000 | | | 1,000 | 15 |
| | Osono II | SP | 1 | | 1,500 | | | 200 | 5 |
| | Pandanan I | SP | 1 | 432.0 | 2,500 | | | 200 | 60 |
| | Poblacion | SP | 1 | | 800 | | | 1,000 | . |
| | Municipal Total | SP | 6 | 432.0 | 13,000 | | | 5.000 | 86 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 1 of 6

| A CONTRACTOR OF THE PROPERTY O | | | 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - | | | Exis | Existing Facilities | es | |
|--|--|-------|---|-----------|--------------|--------|---------------------|--------------|-----------|
| Name of | North Control of Contr | | water Source | 9 | Length of | Rese | Reservoir | Length of | Number |
| Municipality | Name of Operating body | Tvne | Number | Discharge | Transmission | Number | Volume | Distribution | of Public |
| | | ~4.C- | | (m³/day) | Line (meter) | | (m³) | Line (meter) | Faucets |
| Sebaste | Abiera | SP | 1 | 129.6 | 300 | 1 | | 300 | 13 |
| | Aguila | SP | 1 | 43.2 | 500 | 1 | 50.0 | 1,000 | 9 |
| | Alegre | SP | 1 | 86.4 | 500 | 1 | 8.0 | | 3 |
| | Bacalan | SP | 1 | 43.2 | 500 | 1 | 8.0 | 500 | 3 |
| | Brgy. Poblacion | SP | 1 | 129.6 | 500 | 1 | 50.0 | 1,000 | 9 |
| | Municipal Total | SP | 5 | 432.0 | 2,300 | 5 | 116.0 | 3,300 | 31 |
| Sibalom | Bad-as | SP | 1 | | 2,000 | | | | 4 |
| ٠ | Bongbongan I | SP | 1 | | | 1 | 12.0 | | 9 |
| | Bongbongan II | SP | 1 | | | 3 | | | 101 |
| | Bulalacao | SP | 1 | | | 1 | 12.0 | | 33 |
| | Cabanuan | SP | 1 | | 2,000 | 1 | 12.0 | | S |
| | Cabladan | SP | 1 | | | 1 | 12.0 | | 2 |
| | Calog | SP | 1 | | | 1 | 12.0 | | 2 |
| | Calo-oy | SP | 1 | | | 1 | 8.0 | | S |
| | Capoldolan | SP | 1 | | | I | 12.0 | | 5 |
| | Cubay-Sermon | SP | 1 | | | 1 | | | 4 |
| | Esperanza II | SP | 1 | | | 1 | 12.0 | | 7 |
| | Esperanza III | SP | 1 | | | 1 | 12.0 | | 4 |
| | Igbanolong | SP | 1 | | | | | | 2 |
| | Igcococ | SP | 1 | | | 1 | 12.0 | | 6 |
| | Igdagmay | SP | 1 | | | 1 | 12.0 | | 9 |
| | Imparayan | SP | I | | | 1 | 12.0 | | m |
| | Inabasan | SP | 1 | | | Ľ | | | 8 |
| | Initan | SP | 1 | | 2,000 | 1 | 8.0 | | 3 |
| | Lacaron | SP | 1 | | | 3 | 12.0 | | 9 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 1 of 6

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 1 of 6

| Name of Name of Oper Municipality Tobias Fornier Abaca WS Atiotes WS | _ | | | | | | | j | Number |
|--|------------------------|------|--------------|----------------|--------------|---------|-----------|--------------|-----------|
| thick the state of | | _ | Water Source | <u>۔</u> ده | Length of | Rese | Reservoir | Length of | |
| à | Name of Operating Body | | | Discharge | Transmission | N.m.hor | Volume | Distribution | of Public |
| | | Type | Number | (m³/day) | Line (meter) | ramper | (m³) | Line (meter) | Faucets |
| · · · · · · · · · · · · · · · · · · · | S | SP | 1 | | 2,000 | 1 | | 400 | <u>।</u> |
| Dellace. | 5/ | SP | | 97.5 | | 1 | | 250 | 4 |
| | SSM | SP | r-1 | 86.4 | | 1 | 7.8 | 270 | × |
| Barasanar | Barasanan A WSS | SP | 1 | 86.4 | | 1 | | 420 | 5 |
| Barasanar | Barasanan B WWS | SP | 1 | 57.6 | | 1 | | 410 | - (|
| Barasanar | Barasanan C WWS | SP | 1 | 86.4 | | 1 | · | 2,300 | 7) |
| Barri WWS | SM | SP | 1 | | 180 | 1 | | 125 | \$ |
| Camandagan WS | gan WS | SP | 1 | 259.2 | | 1 | | 400 | 5 |
| Cato-ogan WWS | n WWS | SP | 1 | 172.8 | 2,000 | 1 | | | 10 |
| Diclum WS | SA | SP | - | 86.4 | | | 69.3 | | 4 |
| Fatima WS | SZ | SP | 1 | 115.2 | | 1 | | 5,000 | 01 |
| Gamad WS | SA | SP | - | 86.4 | 2,000 | | | 500 | 01 |
| Tohanocal-A WS | J-A WS | SP | 1 | 259.2 | 1,000 | | | 300 | F |
| Tobangcal-B WS | I-B WS | SP | | 86.4 | 3,000 | 1 | | 300 | |
| Tohanges | Changes - WWS | SP | | 36.0 | 1,000 | I | | 400 | 3 |
| SWW acherol | SMM | SP | 1 | 129.6 | 2,000 | | | 400 | |
| Incado WS | SA. | SP | | | 2,000 | 1 | | 400 | |
| Tocasicad WS | I WS | SP | 1 | 57.6 | 1,000 | 1 | | 250 | |
| Lawigan | | d'S | -1 | 57.6 | | | | 240 | |
| Manaling WS | z WS | SP | 1 | 115.2 | | | | | |
| W usudusas W | an WS | SP | _ | | 1,800 | 1 | 7.7 | 250 | |
| Nashir-A WWS | WWS | SP | ľ | | 2,000 | 1 | | 250 | |
| SM desulo | 35/ | SP | 1 | 86.4 | | 1 | | 250 | |
| Paciencia WS | a WS | SP | ľ | 172.8 | 1,000 | 1 | | 500 | 10 |
| Story Tom | Sto Tomas WS | SP | 1. | 86.4 | | 7 | | 400 | |
| Ysulat WWS | VWS | SP | 1 | 230.4 | 1,000 | _ | | | |
| Municipal Total | al Total | SP | 26 | 2,412.0 | 27,480 | 23 | 84.8 | 15.815 | 162 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 1 of 6

| | | | | | | Exis | Existing Facilities | cs | |
|--------------|------------------------|------|--------------|-----------------------|--------------|-----------|---------------------|--------------|-----------|
| Nomb of | | | Water Source | ده. | Length of | Reservoir | rvoir | Length of | Number |
| rame of | Name of Operating Body | | | Discharge | Transmission | | Volume | Distribution | of Public |
| Viunicipanty | | Type | Number | (m ³ /dav) | Line (meter) | Number | (m³) | Line (meter) | Faucets |
| Valderama | Alon Spring Dev. | SP | 1 | 648.0 | 1,500 | 1 | 4.0 | 500 | 7 |
| | Bakiang Spring Dev. | SP | 1 | | 700 | 1 | 0.6 | 250 | 3 |
| | Binanongan WS | SP | 1 | 648.0 | 2,000 | 1 | | 400 | |
| | Borocboroc Spring Dev | SP | 1 | | 1,200 | 1 | 12.0 | | |
| | Buenay Spring Dev. | SP | _ | | 1,600 | 1 | 6.0 | | |
| | Buluangan I | SP | 1 | | 800 | 1 | 0.9 | | 2 |
| | Buluangan I (LGU) | SP | 1 | | 1,600 | 1 | 15.0 | 800 | 4 |
| | Buluangan II | SP | | | 2,000 | | 27.0 | 2,000 | |
| | Bunsod | SP | 1 | | 260 | | 144.0 | | 28 |
| | Bun, Brey, Buenay | SP | ľ | | 800 | 1 | 0.9 | | 4 |
| | Busog | SS | | | 750 | 1 | | 250 | |
| | Cananchan | SP | 1 | 480.0 | 400 | 1 | | 240 | 7 |
| | Canipavan | SP | | 216.0 | 700 | 1 | 13.8 | | 4 |
| | Cansilavan | SP | 1 | | 1,200 | 2 | 0.9 | 300 | 2 |
| | Culvat | SP | _ | | 800 | ĭ | 3.6 | | 2 |
| | Iglinab Spring Dev. | SP | ľ | 1,440.0 | 1,000 | F | 36.0 | 300 | 11 |
| | Icmasandig | SP | 1 | 259.2 | 4,500 | 2 | 0.5 | Τ. | 4 |
| | Lublub | SP | | | 1,000 | 1 | 16.0 | | 4 |
| | Pandanan | SP | - | | 1,300 | 2 | 32.0 | | 13 |
| | San Agustin | SP | | | 800 | 1 | 10.4 | | 5 |
| | Tigmamale | SP | | 1,200.0 | 400 | 1 | 27.0 | | |
| | Ubos-takas WWS | SP | 1 | 6,400.0 | 3,500 | 3 | 1,400.0 | | |
| | Municipal Total | SP | 22 | 11,291.2 | 28.810 | | 1,774.3 | | 355 |
| | Provincial Total | | 214 | 30,441.7 | 202.655 | 215 | 3,715.6 | 111,196 | 1.632 |

Note: 1. Type of Water Source; DW - Deep Well, DgW - Dug Well, Surface Water (River), SP - Spring, and IG - Infiltration Gallery

Table 4.1.2 Details on Existing Level II Systems Sheet 2 of 6

| Name of | Name of | Number | Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | n Served |
|--------------|-----------------------|--------|---------------------------|----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Anini-y | Bayo Grande | | , | 7 | | 30 | 30 | | 150 | 150 |
| | Bayo Pequeño | | 1 | Ţ | | 25 | 25 | | 125 | 125 |
| | Casay | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Iba | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Igtumarom | | 1 | Ţ | | 15 | 15 | | 75 | 75 |
| | Lisub B | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Mabuyong | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | Salvacion | | 1 | 1 | | 10 | 10 | | 20 | 50 |
| | San Ramon | | 1 | 1 | | 15 | 15 | | 7.5 | 75 |
| - | Tagaytay | | 1 | 1 | | 20 | | | 100 | 100 |
| | Municipal Total | | 10 | 10 | | 190 | 190 | | 056 | 950 |
| Belison | Borocboroc BWSA | | 1 | I | | 20 | | | 100 | 100 |
| | Buenavista BWSA | | 1 | Ĭ | | 09 | 09 | | 300 | 300 |
| | Mojon BWSA | | 1 | 1 | | 50 | 50 | | 250 | 250 |
| | Municipal Total | | 3 | 3 | | 130 | 130 | | 059 | 650 |
| Bugasong | Camangahan WWS | | 1 | 1 | | 65 | 65 | | 325 | 325 |
| | Guija-Sabang West WWS | VWS | 2 | 2 | | 230 | 230 | | 1,150 | 1,150 |
| | Ilaures Spring System | С. | | 1 | | 100 | 100 | | 200 | 200 |
| | Zaragoza | | 1 | 1 | | 80 | 80 | | 400 | 400 |
| | Municipal Total | | 5 | 5 | | 475 | 475 | | 2,375 | 2,375 |
| Culasi | Batbatan Island | | 1 | Ţ | | 20 | 20 | | 100 | 100 |
| | Bitadton Norte | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Flores | - | | , | , | 40 | 40 | | 200 | 200 |
| | Magsaysay | | Ī | .1 | | 20 | 20 | | 100 | 100 |
| | Malalison Island | | 1 | 1 | | 10 | 10 | | 95 | 50 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 2 of 6

| Name of | Name of | Number | Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | a Served |
|--------------|------------------|--------|---------------------------|----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Culasi | Osorio | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | San Pascual | | 1 | 1 | | 30 | 30 | | 150 | 150 |
| | Simbola | | 1 | 1 | | 40 | 40 | | 200 | 200 |
| | Tigbobolo | | 1 | 1 | | 40 | 40 | | 200 | 200 |
| | Municipal Total | | 6 | 6 | | 240 | 240 | | 1,200 | 1,200 |
| Hamtic | Apdo | | | 1 | | 20 | 20 | | 100 | 100 |
| | | | | 1 | | 45 | 45 | | 225 | 225 |
| | Bongbongan III | | 1 | | | 30 | 30 | | 150 | 150 |
| | Botbot | | Ľ | Ţ | | 30 | 30 | | 150 | 150 |
| | Bubudan | | 1 | 1 | | 20 | 20 | | 188 | 100 |
| | Calacja I | | | 1 | | 25 | 25 | | 125 | 125 |
| | Calacja II | | 1. | 1 | | 20 | 20 | | 100 | 100 |
| | Caromangay | | 1 | Ţ | | 20 | 20 | | 100 | 100 |
| | Casalngan | | | | | 25 | 25 | | 125 | 125 |
| | Dangcalan | | | -1 | | 25 | 25 | | 125 | 125 |
| | Evelio B. Javier | | | 1 | | 20 | 20 | | 100 | 100 |
| | Fabrica | | | - | | 30 | 30 | | 150 | 150 |
| | General Fullon | | - | | | 15 | 15 | | 75 | 75 |
| | Igbucagay | | | | | 20 | 20 | | 100 | 100 |
| | Linaban | | | | | 65 | 99 | | 325 | 325 |
| | Mapatag | | | -7 | | 15 | 15 | | 75 | 75 |
| | Poblacion 5 | ī | | 1 | 40 | | 40 | 200 | | 200 |
| | Municipal Total | 1 | 16 | 17 | 40 | 425 | 465 | 200 | 2,125 | 2,325 |
| Laua-an | Banban | | | g-rad | | 50 | 90 | | 250 | 250 |
| | Capnayan | | 7 | Ţ | | 20 | 20 | | 100 | 100 |
| | Casit-an | | - | - | | 20 | 20 | | 250 | 250 |
| | Guiamon | | 1 | -1 | | 20 | 20 | | 100 | 100 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 2 of 6

| 3 | Nomoof | Number (| Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | n Served |
|---------------|-----------------|----------|---------------------------|----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| | Into | | - | 1 | | 75 | 75 | | 375 | 375 |
| Laua-an | Luido | | | 1 | | 75 | 75 | | 375 | 375 |
| | Jaguikican | | - | | | 25 | 25 | | 125 | 125 |
| | Taon | | | | | 40 | 40 | | 200 | 200 |
| | 1 iberato | | | | | 20 | 20 | | 100 | 100 |
| | Tindeno | | | - | | 75 | 75 | | 375 | 375 |
| | Tiva_liva | | | | | 25 | 25 | | 125 | 125 |
| | Maria | | | , | | 75 | 75 | | 375 | 375 |
| | Manna | | | - | | 40 | 40 | | 200 | 200 |
| | Marchines | | | | | 20 | 20 | | 100 | 100 |
| | Pandanan | | | | | 20 | 20 | | 100 | 100 |
| | Daniatan | | 1 | - | | 25 | . 25 | | 125 | 125 |
| | Daningsvan | | 1 | - | | 30 | 30 | | 150 | 150 |
| | San Ramon | | | | | 15 | 15 | | 75 | 75 |
| | Santiago | | - | - | | 30 | | | 150 | 150 |
| | Virginia | | - | | | 25 | | | 125 | 125 |
| | Municipal Total | | 20 | 20 | | 755 | | | 3,775 | 3,775 |
| T. T. sorto d | Codions WWS | | | | | 25 | | | 125 | 125 |
| הייסכות | Igcagav WWS | | | | | 25 | 25 | | 125 | 125 |
| | Invawan WWS | | 7 | | | 90 | 05 | | 250 | 250 |
| | Lindero BWSA | | 1 | 1 | | 09 | 09 | | 300 | 300 |
| | Paz | | | | | 95 | 90 | | 250 | 250 |
| | Pucio WS | | | ī | | 70 | | | 350 | 350 |
| | San Roque | | | - | | 25 | 25 | | 125 | 125 |
| | Tinighas | | - | ,1 | | 75 | | | 375 | 375 |
| | Tinindugan | | - | 1 | | 15 | | | 75 | 75 |
| | Municipal Total | | 6 | 6 | | 395 | 395 | | 1,975 | 1,975 |
| | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 2 of 6

| Name of | Name of | Number | Number of Barangay Served | y Served | Number o | Number of Households Served | ts Served | Number o | Number of Population Served | a Served |
|--------------|-----------------|--------|---------------------------|--------------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Pandan | Aracay | | 1 | 1 | | 20 | 20 | | . 100 | 100 |
| | Badiangan | | v ₹ | 1 | | 20 | 20 | | 100 | 100 |
| | Listoga | | 1 | 1 | | 10 | 10 | | 90 | 50 |
| | :Maadios | | 7 | 1 | | 25 | . 25 | | 125 | 125 |
| | Perfecta | , | 1 | 1 | | 30 | 30 | | 150 | 150 |
| | San Joaquin | | 1 | 1. | | 40 | 40 | | 200 | 200 |
| | Santa Ana | | 1 | 1 | | 30 | 30 | | 150 | 150 |
| | Municipal Total | | 7 | 7 | | 175 | 175 | | 875 | 875 |
| Patrongon | Alvaniz | |] | , , | | 15 | 15 | | 75 | 75 |
| | Badiangan | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Bitas | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Cuyapiao | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Gella | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | Igbarawan | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Igburi | | 1 | 1 | | 90 | 50 | | 250 | 250 |
| | La Rioja | | 1 | 1 | | 20 | 70 | | 350 | 350 |
| | Mabasa | | - | 1 | | 30 | 30 | | 150 | 150 |
| | Macarina | - | | | | 25 | 25 | | 125 | 125 |
| | Magarang | | | | | 15 | 15 | | 75 | 75 |
| | Pandanan. | | | 1 | | 20 | 20 | | 100 | 100 |
| | Patlabawon | | 7 | 1 | | 20 | 20 | | 100 | 100 |
| | Quezon | | | 7 | - | 20 | 20 | | 100 | 100 |
| | Salaguiawan | | | , ,,, | | 15 | 15. | | 75 | 75 |
| | San Rafael | | 1 | r | | 25 | 25 | | 125 | 125 |
| | Tamayoc | | 1 | ы | | 25 | 25 | | 125 | 125 |
| | Tigbalogo | | 1 | 1 | | 25 | 25 | | 125 | 125 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 2 of 6

| Name of | Name of | Number (| Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number of Population Served | f Populatic | n Served |
|-------------------------------|-----------------|----------|---------------------------|----------|----------|-----------------------------|-----------|-----------------------------|-------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Patnongon | Tobias Fornier | | Ţ | - | | 20 | 20 | | 100 | 100 |
|) | Villa Crespo | | - | r | | 100 | 100 | | 200 | 200 |
| | Villa Cruz | | 1 | - | | 25 | 25 | | 125 | 125 |
| | Villa Elio | | , | | | 15 | 15 | | 75 | 75 |
| | Villa Flores | | _ | 1 | | 25 | 25 | | 125 | 125 |
| | Villa Laua-an | | 1 | | | 50 | 20 | | 250 | 250 |
| | Villa Sal | | 1 | · | | 99 | 65 | | 325 | 325 |
| | Villa Salomon | | | , | | 20 | 90 | | 250 | 250 |
| | Vista Alegre | | 1 | ₹** | | 75 | 75 | | 375 | 375 |
| | Municipal Total | | 27 | 27 | | 068 | 068 | | 4,450 | 4,450 |
| San Jose de Buenavista Bariri | Bariri | | - | | | 10 | 10 | | 50 | 50 |
| | Pantao | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | San Angel | 7 | | ľ | 30 | | 30 | 150 | | 150 |
| | Municipal Total | 1 | 2 | 3 | 30 | 30 | 09 | 150 | 150 | 300 |
| San Remigio | Aningalan | | 1 | 7 | | 09 | 09 | | 300 | 300 |
| | Iguirindon | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | La union | | 1 | | | 125 | 125 | | 625 | 625 |
| | Nagbangi I | | 1 | 1 | | 85 | 85 | | 425 | 425 |
| | Nagbangi II | | 1 | . 1 | | 65 | 65 | | 325 | 325 |
| | Osorio I | | 1 | 1 | | 7.5 | 75 | | 375 | 375 |
| San Remigio | Osorio II | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Pandanan I | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | | | 1 | _ | | 15 | 15 | | 75 | 75 |
| | Municipal Total | | 6 | 6 | | 490 | 490 | | 2.450 | 2,450 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 2 of 6

| Name of | Name of | Number | Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | n Served |
|--------------|-----------------|--------|---------------------------|----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rurai | Total | Urban | Rural | Total | Urban | Rural | Total |
| Sebaste | Abiera | 1 | | 1 | 99 | | 65 | 325 | | 325 |
| | Aguila | 1 | | 1 | 30 | | 30 | 150 | | 150 |
| | Alegre | | | 1 | | 15 | 15 | | 75 | 75 |
| | Bacalan | | | .1 | 15 | | 51 | 75 | | 75 |
| | Brgy. Poblacion | 1 | | 1 | 30 | | 30 | 150 | | 150 |
| | Municipal Total | 4 | | 5 | 140 | 15 | 155 | 700 | 75 | 775 |
| Sibalom | Bad-as | | | | | 20 | 20 | | 100 | 100 |
| | Bongbongan I | | .~1 | 1 | | 30 | 30 | | 150 | 150 |
| | Bongbongan II | : | | - | | 20 | 05 | | 250 | 250 |
| | Bulalacao | | | 1 | 15 | | 15 | 75 | | 75 |
| | Cabariuan | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Cabladan | - | , —1 | 1 | | 10 | 01 | | 50 | 50 |
| | Calog | | 7 | Ţ | | 10 | 10 | | 50 | 50 |
| | Calo-oy | | | Ţ | | . 25 | 25 | | 125 | 125 |
| | Capoldolan | | ,- | 7 | | 25 | 25 | | 125 | 125 |
| · · · · | Cubay-Sermon | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| - | Esperanza II | | H | | | 10 | 101 | | 50 | 50 |
| | Esperanza III | | | 1 | | 20 | 20 | | 100 | 100 |
| | Igbanolong | | 1 | -1 | | 10 | 10 | , | 20 | 50 |
| | Igcococ | | • | | | 15 | 15 | | 75 | 75 |
| - | Igdagmay | | | ŗ | | 30 | 30 | | 150 | 150 |
| | Imparayan | | , —4 | , , | | 15 | 15 | | 75 | 75 |
| : | Inabasan | | | 1 | | 15 | 15 | | 75 | 75 |
| | Initan | | 7 | 1 | | 15 | 15 | | 75 | 75 |
| | Lacaron | | : | ı | | 30 | 30 | | 150 | 150 |
| | Lambayagan | | 1 | 1 | | 10 | 10 | | 50 | 50 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 2 of 6

| , | 30 0000 N | Number | Number of Barangay Served | v Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | n Served |
|--------------|---------------------|--------|---------------------------|----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Sibalom | Luyang | | | 1 | | 15 | 15 | | 75 | 75 |
| | Nagdayao | | , | 1 | | 20 | 20 | | 100 | 100 |
| | Odiong | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Panlagangan | | 1 | 1 | | 10 | 10 | | 20 | 50 |
| | Pasong | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | Solong | | 1 | 1 | | 45 | 45 | | 225 | 225 |
| | Tabong-tabong | | 1 | 1 | | 10 | 01 | | 90 | 50 |
| | Tigbalua I | | 1, | 1 | , | 10 | 10 | | . 20 | 50 |
| | Tigbalua II | | .1 | 1 | | 25 | 25 | | 125 | 125 |
| | Tuia-tula | | 1 | 1 | | 35 | 35 | | 175 | 175 |
| | Villafont | | , , , | 1 | | 10 | 10 | | 90 | 50 |
| | Municipal Total | 1 | 29 | 30 | 15 | 009 | 615 | 75 | 3,000 | 3,075 |
| Tibiao | Castillo | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Esparagoza | | 1 | 1 | | 35 | 35 | | 175 | 175 |
| | Importante | | 1 | 1 | | 40 | 40 | | 200 | 200 |
| | La Paz | | 1 | 1 | | 45 | 45 | | 225 | 225 |
| | Martinez | | 1 | . 1 | | 40 | 40 | | 200 | 200 |
| | Natividad | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Pitac | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | San Francisco Norte | | 1 | . 1 | | 40 | 40 | | 200 | 200 |
| | Santa Ana | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Santa Justa | | 1 | . 1 | | 95 | 95 | | 475 | 475 |
| | Tigbaboy | | | 1 | | 09 | 90 | | 300 | 300 |
| | Tuno | | p=4 | 1 | | 70 | 70 | | 350 | 350 |
| | Municipal Total | | 12 | 12 | | 525 | 525 | | 2,625 | 2.625 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 2 of 6

0

| Name of | Name of | Number | Number of Barangay Served | y Served | Number of Households Served | Househol | ds Served | Number o | Number of Population Served | n Served |
|----------------|-----------------|--------|---------------------------|------------|-----------------------------|----------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Tobias Fornier | Abaca WS | ĭ | | 1 | 30 | | 30 | 150 | | 150 |
| | Atiotes WS | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Balloscas WSS | | 1 | 1 | | 40 | 40 | | 200 | 200 |
| | Barasanan A WSS | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Barasanan B WWS | | 1 | 1 | | 35 | 35 | | 175 | 175 |
| | Barasanan C WWS | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | Bariri WWS | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| - | Camandagan WS | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Cato-ogan WWS | | ĭ | 1 | | 20 | 90 | | 250 | 250 |
| | Diclum WS | | 1 | 1 | | 20 | 20 | | 100 | 100 |
| | Fatima WS | | ĭ | П | | 90 | 95 | | 250 | 250 |
| | Gamad WS | | 1 | 1 | | 20 | 90 | | 250 | 250 |
| | Igbangcal-A WS | | ľ | 1 | | 20 | 95 | | 250 | 250 |
| | Igbangcal-B WS | | 1 | ľ | | 40 | 40 | | 200 | 200 |
| | Igbangcal-C WWS | | 1 | 1 | | 15 | 15 | | 75 | 75 |
| | Igcadac WWS | | ĭ | 1 | | 25 | 25 | | 125 | 125 |
| · . | Igcado WS | | 1 | 1 | | 25 | 25 | | 125 | 125 |
| | Igcasicad WS | | 1 | . 1 | | 25 | 25 | | 125 | 125 |
| | Lawigan | | 1 | l. | | 25 | 25 | | 125 | 125 |
| | Manaling WS | | 7 | 1 | - | 20 | 20 | | 100 | 100 |
| | Nagsubuan WS | | 1 | , 1 | | 30 | 30 | | 150 | 150 |
| | Nasuli-A WWS | | - 4 | Ţ | | 20 | 20 | | 100 | 100 |
| | Opsan WSS | - | , | 1 | | 30 | 30 | | 150 | 150 |
| | Paciencia WS | | F1 | _ | | 50 | 50 | | 250 | 250 |
| | Sto. Tomas WS | | | 7 | | 30 | 30 | | 150 | 150 |
| | Ysulat WWS | | - | 1 | | 95 | 50 | | 250 | 250 |
| | Municipal Total | 1 | 25 | 26 | 30 | 790 | 820 | 150 | 3,950 | 4,100 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 2 of 6

| Name of | Name of | Number (| Number of Barangay Served | y Served | Number o | Number of Households Served | ds Served | Number o | Number of Population Served | a Served |
|------------------|-----------------------|----------|---------------------------|-----------|----------|-----------------------------|-----------|----------|-----------------------------|----------|
| Municipality | Operating Body | Urban | Rural | Total | Urban | Rural | Total | Urban | Rural | Total |
| Valderama | Alon Spring Dev. | | 1 | 1 | | 10 | 10 | | 20 | 20 |
| | Bakiang Spring Dev. | | _ | | | 15 | 15 | | 75 | 75 |
| | Binanongan WS | | | | | 40 | 40 | | 200 | 200 |
| · : | Borocboroc Spring Dev | ev. | | ,_ | | 30 | 30 | | 150 | 150 |
| | Bugnay Spring Dev. | | Ţ | -1 | | 15 | 15 | | 75 | 75 |
| | Buluangan I | | | | | 10 | 10 | | 20 | 50 |
| | Buluangan I (LGU) | | | - | | 20 | 20 | | 100 | 100 |
| · . | Buluangan II | | - | | | 30 | 30 | | 150 | 150 |
| | Bunsod | | - | - | | 140 | 140 | | 700 | 700 |
| | Buri, Brgy. Bugnay | | 1 | | - | 20 | 20 | | 100 | 100 |
| | Busog | | 1 | - | | 10 | 10 | | 50 | 50 |
| | Cananghan | | 1 | 7 | | 10 | 10 | | 20 | 50 |
| | Canipayan | | 1 | | | 20 | 20 | | 100 | 100 |
| | Cansilayan | | | | | 10 | 10 | | 20 | 20 |
| | Culyat | | Ţ | , | | 10 | 10 | | 05 | 90 |
| | Iglinab Spring Dev. | | Ľ | 1 | | 55 | 22 | | 275 | 275 |
| | Igmasandig | | ľ | 7 | | 20 | 20 | | 100 | 100 |
| | Lublub | | 1 | ŗ | | 20 | 20 | | 100 | 100 |
| | Pandanan | | 1 | 1 | | 59 | 99 | | 325 | 325 |
| | San Agustin | | | ľ | | 25 | 25 | | 125 | 125 |
| | Tigmamale | | - | . | | 50 | 50 | | 250 | 250 |
| | Ubos-takas WWS | 2 | | 2 | 1,150 | | 1,150 | 5,750 | - | 5.750 |
| | Municipal Total | 2 | 21 | 23 | 1,150 | 625 | 1,775 | 5.750 | 3,125 | 8.875 |
| Provincial Total | al Total | 8 | 184 | 192 | 255 | 6,125 | 6,380 | 1,275 | 30.625 | 31.900 |

Table 4.1.2 Details on Existing Level II Systems
Sheet 3 of 6

| | | | | Š | rvice Con | Service Conditions During Dry Season | g Dry Seas | uo: | | |
|--------------|------------------------|---------------------|-------|--------------------|------------------|--------------------------------------|---------------|--------|----------------------|---------------------------------------|
| Name of | | | , i | T. C. C. | Supply | Supply Interruption (number/month) | (number/ | month) | Supply Pressure (| Supply Water Pressure (% of total) |
| Municipality | Name of Operating Body | Suppiy (Hrs/day) | Water | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Animi-y | Bayo Grande | 24 | | | | | | | | |
| | Bayo Pequeño | 24 | | | | | | | | |
| | Casay | 24 | | | | | | | | |
| | Iba | 24 | | | | | | | | |
| | Igtumarom | 24 | | | | | | | | |
| | Lisub B | 24 | | | | | | | | |
| | Mabuyong | | | | | | | | | |
| | Salvacion | 24 | | | | | | | | |
| | San Ramon | 24 | | | | | | | | |
| | Tagaytay | 24 | | | | | | | | |
| Belison | Borocboroc BWSA | | | | | | | | | |
| | Buenavista BWSA | | | | | | | | | |
| | Mojon BWSA | | | | | | | | | |
| Bugasong | Camangahan WWS | 18 | | | | | | | | |
| | Guija-Sabang West WWS | 11 | | | | | | | - | |
| | Haures Spring System | 7 | | | | | | | | |
| | Zaragoza | • | | | | | | | | |
| Culasi | Batbatan Island | 12 | | | | | | | | - |
| | Bitadton Norte | 24 | | | | | | | | |
| - | Flores | 24 | | | | | | | | |
| | Magsaysay | 24 | | | | | | | | |
| | Malalison Island | 12 | | | | | | | | |
| | Osorio | 24 | | | | | | | | |
| | San Pascual | 24 | | | | | | - | | |
| | Simbola | 24 | | | | | | | | |
| | Tigbobolo | 24 | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 3 of 6

| | | | | Š | ervice Con | Service Conditions During Dry Season | ng Dry Sea | ton | | |
|--------------|------------------------|---------------------|-------|--------------------|------------------|--------------------------------------|---------------|--------|--------------------|---------------------------------------|
| Name of | | C. complex | ţ | Taste or | Supply | Supply Interruption (number/month) | (number | month) | Supply Pressure | Supply Water Pressure (% of total) |
| Municipality | Name of Operating body | Supply (Hrs/day) | Water | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Hamtic | Apdo | 24 | | | | | | | | |
| | Banawon | 24 | | | | | | | | |
| | Bongbongan III | 24 | | | | | | | | |
| | Botbot | 24 | | | | | | | | |
| | Bubudan | 24 | | | | | | | | |
| | Calacja I | 24 | | | | | | | | |
| | Calacja II | 24 | | | | | | | | |
| | Caromangay | 24 | | | | | | | | |
| | Casalngan | 24 | | | | | | | | |
| | Dangcalan | 8 | | | | | | | | |
| | Evelio B. Javier | 24 | | | | | | | | |
| | Fabrica | 24 | | | | | | | | |
| | General Fullon | 24 | | | | | | | | |
| | Igbucagay | 24 | | | | | | | | |
| | Linaban | 24 | | | | | | | | |
| | Mapatag | 24 | | | - | | | | | |
| | Poblacion 5 | 24 | | | | _ | | | | |
| Laua-an | Banban | 24 | | | | | | | | |
| | Capnayan | 24 | | | | | | | | |
| | Casit-an | | | | | | | | | |
| | Guiamon | 24 | | | | | | | | |
| | Intao | 24 | | | | | | | | |
| | Jaguikican | 24 | | | | | | | | |
| | Jinalinan | 24 | | | | | | | | |
| | Leon | 24 | | | | | | | | |
| | Liberato | 24 | | | | | | - | | |
| | | | | | | | | | | - |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 3 of 6

| | | | | <i>y</i> | ervice Con | Service Conditions During Dry Season | ig Dry Seas | u O: | | |
|--------------|------------------------|-----------|-------|--------------------|------------------|--------------------------------------|---------------|--------|----------------------|---------------------------------------|
| Name of | Name of Onerstine Body | Smank | | Taste or | Supply | Supply Interruption (number/month) | (number/) | month) | Supply Pressure (| Supply Water Pressure (% of total) |
| Municipality | | (Hrs/day) | Water | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Laua-an | Lindero | 10 | | | | | | | | |
| | Liya-liya | 15 | | | | | | | | |
| | Maria | 24 | | | | | | | | |
| | Mauno | 24 | | | | , | | | | |
| | Maybunga | 24 | | : | | | | | | |
| 1 | Pandanan | 24 | | | | | | | | |
| | Paniatan | 24 | | | | | | | | |
| | Paningayan | 14 | | | | | | | | |
| | San Ramon | 24 | | | | | | | | |
| | Santiago | 24 | | | | | | | | |
| | Virginia | 24 | | | | | | | | |
| Libertad | Codiong WWS | 24 | | | | | | | | |
| | Igcagay WWS | | | | | | | | | |
| | Inyawan WWS | 24 | | | | | | | | 1 |
| | Lindero BWSA | 24 | | | | | | | | |
| | Paz | 24 | | | | | | | | |
| | Pucio WS | 24 | | | | | | | | |
| | San Roque | 24 | | | | | | | • | |
| | Tinigbas | | | | | | | | | |
| | Tinindugan | 24 | | | | | | | | |
| Pandan | Aracay | 24 | | | | | | | | |
| | Badiangan | 24 | | | | | | | | |
| . 3 | Listoga | 24 | | | | | | | | |
| | Maadios | 24 | | | | | | | | |
| 2 4 | Perfecta | 24 | | | | | | | | |
| | San Joaquin | 24 | | | | | | | | |
| | Santa Ana | 24 | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 3 of 6

| | to the second se | *************************************** | | ÿ | rvice Con | Service Conditions During Dry Season | o Dry Seas | uo | | |
|--------------|--|---|--------------------|--------------------|------------------|--------------------------------------|---------------|--------|---------------------------------------|----------------------|
| Name of | | | Distr | Torto | Supply | Supply Interruption (number/month) | (number/1 | month) | Supply Water Pressure (% of total) | Water % of total) |
| Municipality | Name of Operating body | Supply (Hrs/day) | Water ¹ | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Patnongon | Alvaniz | 24 | | | | | | | | |
| | Badiangan | 24 | | | | | | | | |
| | Bitas | 24 | | | | | | | | |
| | Cuyapiao | 24 | | | | | | | | |
| | Gella | 24 | | | | | | | | |
| | Igbarawan | 24 | | | | | | | | |
| | Igburi | 24 | | | | | | | | |
| | La Rioja | 24 | | | | | | | | |
| | Mabasa | 24 | | | | | | | | |
| | Macarina | 24 | | | | | | | | |
| | Magarang | 24 | | | | | | | | |
| | Pandanan. | 24 | | | | | | | | |
| | Patlabawon | 24 | | | | | | | | |
| | Quezon | 24 | | | | | | | | |
| | Salaguiawan | 24 | | | · | | | | | |
| | San Rafael | 24 | | | | | | | | |
| | Tamayoc | 24 | | | - | | | | | |
| | Tigbalogo | 24 | | | | | | | | |
| | Tobias Fornier | 24 | | | | | | | | |
| | Villa Crespo | 24 | | | | | | | | |
| | Villa Cruz | 24 | | | | | | | | |
| | Villa Elio | 24 | | | | | | | | |
| | Villa Flores | 24 | 2 | - 4 | | | | | | |
| | Villa Laua-an | 24 | | | | | | | | |
| | Villa Sal | 24 | | | - | | | | | |
| | Villa Salomon | 24 | | 3 | | | | | | |
| | Vista Alegre | 24 | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 3 of 6

| | | : | | 7 | rvice Con | Service Conditions During Dry Season | g Dry Sea | non | | |
|-------------------------------|------------------------|---------------------|--------------------|--------------------|------------------|--------------------------------------|---------------|--------|----------------------|------------------------------------|
| Name of | £ | | į | Tacto or | Supply | Supply Interruption (number/month) | (number/ | month) | Supply Pressure (| Supply Water Pressure (% of total) |
| Municipality | Name of Operating Body | Suppry (Hrs/day) | Water ¹ | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| San Jose de Buenavista Bariri | Bariri | 24 | | | | | | | | |
| | Pantao | 24 | : | | | | | | | |
| | San Angel | 12 | | | | | | | | |
| San Remigio | Aningalan | 24 | | | | | | | | |
| | Iguirindon | 24 | | | | | | | | |
| | La union | 24 | - | | | | | | | |
| | Nagbangi I | 24 | | | | | | | | |
| | Nagbangi II | 24 | | | | | | | | |
| | Osono I | 24 | - | | | | | | | |
| | Osono II | 24 | | | | | | | | |
| | Pandanan I | 24 | | | | | | | | |
| | Poblacion | 24 | | | | | | | | |
| Sebaste | Abiera | 24 | | | | | | | | |
| | Aguila | 24 | | | | | | | | |
| | Alegre | 24 | | | | | | | | |
| | Bacalan | . 24 | | | | | | | | |
| | Brgy. Poblacion | 24 | | | | | | | | |
| Sibalom | Bad-as | 24 | | | | - | | | | |
| | Bongbongan I | 24 | | | | | | | | |
| | Bongbongan II | 24 | | | | | | | | |
| | Bulalacao | 24 | | | | | | | | |
| | Cabariuan | 24 | | | | | | | | |
| | Cabladan | 24 | | | | | | | | |
| | Calog | 24 | | - | - | | | - | | |
| | Calo-oy | 24 | | | | | | | - | |
| | Capoldolan | 24 | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 3 of 6

| | | | | Š | ervice Con | Service Conditions During Dry Season | ig Dry Seas | on | | |
|-----------------------------|------------------------|-----------|-------|--------------------|------------------|--------------------------------------|---------------|--------|----------------------|---------------------------------------|
| Name of | Name of Operating Body | Supply | Dirty | Taste or | Supply | Supply Interruption (number/month) | (number/ | month) | Supply Pressure (| Supply Water Pressure (% of total) |
| Municipality | | (Hrs/day) | Water | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Sibalom | Cubay-Sermon | 24 | | | | | | | | |
| | Esperanza II | 24 | | | | | | | | |
| | Esperanza III | 24 | | | | | | | | |
| | Igbanolong | 24 | | | | | | | | |
| | Igcococ | 24 | | | | | | | | |
| | Igdagmay | . 24 | | | | | | | | |
| | Imparayan | 24 | | | | | | | | |
| | Inabasan | 24 | | | | | | | | |
| | Initan | 24 | | | | | | | | |
| | Lacaron | 24 | | | | | | | | |
| | Lambayagan | 24 | | | | | | | | |
| | Luyang | 2.4 | | | | | | | | |
| | Nagdayao | 24 | | | | | | | - | |
| | Odiong | 24 | | | | | | | | |
| | Panlagangan | 24 | | | | | | | | |
| | Pasong | 24 | | | | | | | | |
| | Solong | 24 | | | | | | | | |
| | Tabong-tabong | 24 | | | | | | | | |
| | Tigbalua I | 24 | , | | | | | | | |
| | Tigbalua [] | 24 | | | | | | | | |
| | Tula-tula | 24 | | | | | | | | Ī |
| | Villafont | 24 | | | | | | | | Ī |
| Tibiao | Castillo | 24 | | | | | | | | |
| | Esparagoza | 24 | | | | | | | | |
| | Importante | 24 | | | | | | | | |
| | La Paz | 24 | | | - | | | | | |
| The second of the second of | Martinez | 24 | | | | | | | | |
| | | | | | | | | | _ | _ |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 3 of 6

| | | | | Š | rvice Con | Service Conditions During Dry Season | g Dry Seas | uo | | |
|----------------|------------------------|---------------------|-------|--------------------|------------------|--------------------------------------|---------------|--------|----------------------|---------------------------------------|
| Name of | | 1 |) | Toctoor | Supply | Supply Interruption (number/month) | (number/1 | month) | Supply Pressure (| Supply Water Pressure (% of total) |
| Municipality | Name of Operating body | Suppny (Hrs/day) | Water | Smell ² | Power Failure | Pump Breakdown | Pipe Burst | Others | Adequate | Adequate Inadequate |
| Tibiao | Natividad | 24 | | | | | | | | |
| | Pitac | 24 | | | | | | | | |
| | San Francisco Norte | 24 | | | | | | | | |
| | Santa Ana | 24 | | | | | | | | |
| | Santa Justa | | | | | | | | | |
| | Tigbaboy | 24 | | | | | | | | |
| | Tuno | 24 | | | | | | | | |
| Tobias Fornier | Abaca WS | 8 | | | | | | | | |
| | Atiotes WS | 8 | | | | | | | | |
| | Balloscas WSS | 24 | | | | | | | | |
| | Barasanan A WSS | 12 | | | | | | | | |
| | Barasanan B WWS | 8 | | | | | | | | |
| | Barasanan C WWS | 12 | | | | | | | | |
| | Bariri WWS | 8 | | | | | | | | |
| | Camandagan WS | 24 | | | | | | | | |
| | Cato-ogan WWS | 12 | | | | | | | | |
| | Diclum WS | 8 | | | | | | | | |
| | Fatima WS | 8 | | | | | | | | |
| | Gamad WS | ∞ | | | | | | | | |
| | Igbangcal-A WS | 24 | | | | | | | | |
| | Igbangcal-B WS | 8 | | | | | | - | | |
| | Igbangcal-C WWS | S | | | | | | | | |
| | Igcadac WWS | 12 | | | | | | | | |
| | Igcado WS | 8. | | | | | | | | |
| | Igcasicad WS | 8 | | | | | | | | |
| | Lawigan | 8 | - ; | 1. | | | | | | |
| | Manaling WS | 8 | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 3 of 6

| | | | | Ø. | ervice Con | Service Conditions During Dry Season | o Dry Seas | uo | | |
|----------------|------------------------|-----------|-------|--------------------|------------|--------------------------------------|---|---|----------|---------------------|
| | | | | | Supply | Supply Interruption (number/month) | (number/1 | nonth) | Supply | Supply Water |
| Name of | Name of Operating Body | Supply | Dirty | Taste or | , | | , id | | | |
| Municipality | | (Hrs/day) | Water | Smell ² | Failure | Fump Breakdown | ripe Burst | Others | Adequate | Adequate Inadequate |
| Tobias Fornier | Nagsubuan WS | 12 | | | | | - | | | |
| | Nasuli-A WWS | s | | | | | | | | |
| | Opsan WSS | 22 | | | | | | | | |
| | Paciencia WS | 12 | | | | | | | | |
| | Sto. Tomas WS | 8 | | | | | | | | |
| | Ysulat WWS | 8 | | | | | | | | |
| Valderama | Alon Spring Dev. | 24 | | | - | | | *************************************** | | |
| | Bakiang Spring Dev. | 24 | | | | | | | | |
| | Binanongan WS | 24 | | | | | | | | |
| | Borocboroc Spring Dev | 9 | | | | | | | | |
| | Bugnay Spring Dev. | 24 | | | | | | | | |
| | Buluangan I | 24 | | | | | | | | |
| | Buluangan I (LGU) | 24 | | | | | | | | |
| | Buluangan II | 24 | | | | | | | | |
| | Bunsod | 24 | | | | | | | | |
| | Buri, Brgy, Bugnay | 24 | | | | | | | | |
| | Busog | 24 | | | | | | | | |
| | Cananghan | 24 | | | | | | | | |
| - | Canipayan | 24 | | | | | | | | |
| | Cansilayan | 24 | | | | | | | | |
| | Culyat | 12 | | | | | | | | |
| | Iglinab Spring Dev. | 24 | | | | | | *************************************** | | |
| | Igmasandig | 24 | | | | | | | | |
| | Lublub | 24 | | - | | | | | | |
| | Pandanan | 24 | | | | | | | | |
| | San Agustin | 24 | | | | | | | | |
| | Tigmamale | 24 | | | | | | | | |
| | Ubos-takas WWS | 8 | | | | | *************************************** | | | |
| | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems Sheet 4 of 6

| | | | *************************************** | | M | 33 70 | | | |
|-------------|------------------------|-----------|---|-----------|--------------------|-------------------|---------|-------------|------------|
| | | | | | Number of Stars | Stan | | | |
| Name of | Name of Operating Body | Technical | Administrati | | Total | | Repair | Repair Work | |
| Muncipality | | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Anini-y | Bayo Grande | | | | | | | | |
| | Bayo Pequeño | | | | | | | | |
| | Casay | | | | | | | | |
| | Iba | | | | | | | | |
| | Igtumarom | | | | | | | | |
| | Lisub B | | | | | | | | |
| | Mabuyong | | | | | | | | |
| | Salvacion | | | | | | | | |
| | San Ramon | | | | | | | | |
| | Tagaytay | | | | | | | | |
| Belison | Borocboroc BWSA | | | | | | | | |
| | Buenavista BWSA | | | | | | | | |
| | Mojon BWSA | | | | | | | † · | |
| Bugasong | Camangahan WWS | | | | | | | | |
| | Guija-Sabang West WWS | 1. | 6 | 1 | 11 | | | | |
| | Ilaures Spring System | 1 | 6 | 7 | 17 | | | | |
| | Zaragoza | 1 | 6 | 1 | 10 | | | | |
| Culasi | Batbatan Island | | | | | | | | |
| • | Bitadton Norte | | | | | | | | Brev. Off. |
| | Flores | | | | | | | 154 | 3rgv. Off. |
| | Magsaysay | | | | | | | 111 | Srev. Off. |
| | Malalison Island | | | | | | | Щ | Brgy. Off. |
| | Osono | | | | | | | 121 | 3rgy. Off. |
| | San Fascual | , | | | | | | | Srgy. Off. |
| | Simbola | | | | | | | ΩŲ | 3rgy. Off. |
| | Ligoodolo | | | | | | | | 2007 |
| | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 4 of 6

| | | | | | Number of Staff | Staff | | | |
|---------------|------------------------|-----------|--------------|-----------|--------------------|-------------------|---------|-------------|------------|
| Name of | Name of Operating Body | Technica] | Administrati | | Total | | Repair | Repair Work | |
| lytunicipanty | | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Hamtic | Apdo | | | | | | | | Bray Off |
| | Banawon | | | | | | | | • |
| : 1 | Bongbongan III | | | | | | | | Brgv. Off. |
| | Botbot | | | | | | | | Brev. Off |
| | Bubudan | | | | | | | | Brgy. Off. |
| | Calacja 1 | | | | | | | | Brgy. Off. |
| | Commence: | | | | | | | | Brgy. Off. |
| | Constraint | | | | | | | | Brgy. Off. |
| - | Dangalla | | | | | | | | Brgy. Off. |
| | Langcalan | | | , | | | | | Brgy. Off. |
| | Evello B. Javier | | | | | | | | Brgy, Off. |
| | Fabrica | | | | | | | | Brgy. Off. |
| | General Fullon | | | | | | | | Brgy. Off. |
| | 1goucagay | | | | | | | | Brgy. Off. |
| | Manata | | | | | | | | Brgy, Off. |
| | Pohlacian S | | | | | | | | Brgy. Off. |
| Taua-an | Panhan | | | | | | | | 3rgy. Off. |
| | Campyon | | | | | | | (| 3rgy./Mun. |
| | Caritan | | | | | | | | Brgy. Off. |
| | Cash an | | | | | - | | ĭ | 3rgy. Off. |
| | Guiamon | | | | | | | | |
| | Intao | | | | | | | | Broy Off |
| | Jaguikican | | | | | | - | | Srev. Off. |
| | mainan | | | | | | | | Srev. Off. |
| | Leon | | | | | | | | rev. Off |
| | Liberalo | | | - 1 | 2 2 2 2 | | | 3 | Brgy. Off. |
| | | | | | | | | Ш | rgy. /Mun. |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 4 of 6

| Name of Municipality Name of Operating Body Technical Administrating Staff Total Administrating Staff Total Administrating Staff Trademan Repair Work Others Loun-am Maria Mannia Mannia MEO/CEO DEO/CEO | | | | | | Number of Staff | Staff | | | |
|---|--------------|------------------------|-------|----------|-----------|--------------------|-------------------|---------|-------------|------------|
| nicipality Name of Operating Boody Tecnine and Autiminate and Collector Number of Operating Per | Name of | | 10.01 | | | Total | - | Repair | Work | |
| Liya-liya Maria Maria Maria Maybunga Pandanan Panistan Panistan Panistan Panistan Santiago Virginia Codiong WWYS Lindero BWSA Paz Paz | Municipality | Name of Operating Body | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Maria Manno Maybunga Panisan Panisan Panisan Panisan Panisan Panisan Panisan Sankanon Panisan Sankanon Panisan Sankanon Panisan Codiong WWS Panisan Igeagay WWS Pacino WS Pucio WS Pucio WS San Roque Pucio WS Pucio WS San Roque Tinigbas Tinigbas Tinigbas Tinigbas Tinigbas Tinigbas Tinigbas Pucio WS Badiangan Listoga Maadios Perfecta Santa Ana Santa Ana | Lana-an | Liva-liva | | | | | | | | Brgy. Off. |
| Mauno Maybunga Pandanan Pandanan Pandanan Pandanan Paningayan Paningayan Santago Virginia Virginia Codiong WWS Igeagay WWS Paz Lindero BWSA Paz Pucic WS San Roque Tinigbas Tinigbas Tinindugan Aracay Badiangan Listoga Maadios Perfect San Joaquin Santa Ana Santa Ana Santa Ana | | Maria | | | | | | | | Brgy. Off. |
| Maybunga Maybunga Pandanan Pandanan Paningayan Paningayan San Ramon San Ramon San Ramon San Ramon San Ramon San Ramon Virginia Codiong WWS Igengay WWS Incaco WWSA Incidero BWSA Paz Pucio WS San Roque Tinique San Aracay Badiangan Listoga Mandios Listoga Mandios Perfecta San Joaquin San Joaquin Santa Ana Ana | | Mauno | | | | | | | | Brgy. Off. |
| Pandanan Pandanan Panistan Panistan Panistan Panistan Santago Virginia Codiong WWS Paraman Igaagay WWS Paz Incidero BWSA Paz Pucio WS Paz Pucio WS Pucio WS San Roque Pucio WS Timicbas Timichas Timichas Timichas Timichagan Aracay Badiangan Listoga Maadios Perfecta Perfecta Perfecta San Josquin Santa Ana | | Maybunga | | | | | | | | Brgy. Off. |
| Paniatan Paniatan San Ramon Santiago Santiago Virginia Virgina Codiong WWS Igeagay WWS Egagay WWS Inchero BWSA Enchance Paz Praz Puz Praz Puz Praz Paz Praz Paz Praz Paz Praz Paz Pracay Badiangan Aracay Madois Patfecta San Joaquin Santa Ana | | Pandanan | | | - | | | | | Brgy. Off. |
| Paningayan Paningayan San Ramon Santiago Virginia Codiong WWS Igeagay WWS Each Codiong WWS Invaevan WWS Each Codiong WWS Invaevan WWS Each Codiong WWS Paz | | Paniatan | | | | | | | | Brgy. Off. |
| San Ramon Santiago Virginia Codiong WWS Igeagay WWS Recipional Codional C | | Paningayan | | | | | | | | Brgy. Off. |
| Santiago Codiong WWS Codiong WWS Igcagay WWS Rodiong WWS Igcagay WWS Rodiong WWS Inidero BWSA Rodiong WWS Paz Rodiong WWS Paz Rodiong WWS San Roque Rodiong WWS Trinichas Aracay Badiangan Rodiong WWS Perfecta Rodiong WWS San Joaquin San Joaquin Santa Ana Santa Ana | | San Ramon | | | | | | | | Brgy. Off. |
| Virginia Codiong WWS Codiong WWS Igcagay WWS Example Injerto BWSA Example Paz Example Pucio WS Example San Roque Example Timidugan Example Aracay Badiangan Listoga Example Maadios Example San Joaquin Santa Ana | | Santiago | | | | | | | | Brgy. Off. |
| Codiong WWS Codiong WWS Igcagay WWS Codiong WWS Imyawan WWS Codiong WWS Lindero BWSA Codiong WWS Paz Codiong WWS San Roque Codiong WWS Tingbas Codiong WWS | | Virginia | | | | | | | | Brgy, Off. |
| Igcagay WWS Inyawan WWS Inyawan WWS Inidero BWSA Paz Paz Pucio WS San Roque Tinigbas Tinigbas Tinindugan Aracay Badiangan Listoga Maadios Perfecta San Joaquin Santa Ana | Libertad | Codiong WWS | | | | | | | | |
| Imyawan WWS Examinate of the control of t | | Igcagay WWS | | | | | | | | |
| Lindero BWSA Examination of the control o | | Inyawan WWS | | | | | | | | BWSA |
| Paz Paz Pucio WS 6 San Roque 7 Timigbas 7 Tracay 8 Aracay 8 Badiangan 6 Listoga 8 Maadios 7 Perfecta 8 San Joaquin 8 Santa Ana 8 | | Lindero BWSA | | | | | | | | BWSA |
| Pucio WS Pucio WS San Roque 6 Tinindugan 7 Aracay 8 Badiangan 8 Listoga 8 Maadios 8 Perfecta 8 San Joaquin 8 Santa Ana 8 | | Paz | | | | | | | | BWSA |
| San Roque Company | | Pucio WS | | | | | | | | BWSA |
| Timigbas Timigbas Tracay Aracay Badiangan Extracts Listoga Maadios Perfects San Joaquin Santa Ana Santa Ana | | San Roque | | | | | | | | BWSA |
| Timindugan Aracay Aracay Badiangan Listoga Erfecta San Joaquin Santa Ana | | Tinigbas | | | | | | | | BWSA |
| | | Tinindugan | | | | | | | | BWSA |
| Badiangan Listoga Maadios Perfecta San Joaquin Santa Ana | Pandan | Aracay | | | | | | | | |
| Listoga Maadios Perfecta San Joaquin Santa Ana | | Badiangan | | | | | | | | |
| Maadios Perfecta San Joaquin Santa Ana | - | Listoga | | | | | | | ` . | |
| Perfecta San Joaquin Santa Ana | | Maadios | | | | | | | | |
| San Joaquin Santa Ana | | Perfecta | | | | | | | | |
| Santa Ana | | San Joaquin | | | | | | | | |
| | | Santa Ana | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 4 of 6

| | | | | | | 55 - 50 | | | |
|--------------|--------------------------|-----------|--------------|-----------|--------------------|-------------------|-------------|-------------|------------|
| | | | | | Number of Staff | Stati | | | |
| Name of | Nome of Onerwhee Rody | Tochnical | Administrati | | Total | · | Repair Work | Work | |
| Municipality | Value of Operating Board | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Patnongon | Alvaniz | | | | | | | * | Brgy. Off. |
| | Badiangan | | | | | | | | Brgy. Off. |
| | Bitas | | | | | | | | Brgy. Off. |
| | Cuyapiao | | | | | | | | Brgy. Off. |
| | Gella | | | | | | | | Brgy. Off. |
| | Igbarawan | | | | | | | | Brgy. Off. |
| | Igburi | | | | | | | | Brgy. Off. |
| | La Rioja | | | | | | | | Brgy. Off. |
| | Mabasa | | | | | | | | Brgy. Off. |
| | Macarina | | | | | | | | Brgy. Off. |
| | Magarang | | | | | | | | Brgy. Off. |
| | Pandanan. | | | | | | | | Brgy. Off. |
| | Patlabawon | | | | | | | | Brgy. Off. |
| | Quezon | | | | | | | | Brgy. Off. |
| | Salaguiawan | | | | | | | | Brgy. Off. |
| | San Rafael | | | | | | | | Brgy. Off. |
| | Tamayoc | | | | | | | | Brgy. Off. |
| | Tigbalogo | | | | | | | | Brgy, Off. |
| | Tobias Fornier | | | | | | | | Brgy. Off. |
| | Villa Crespo | | | | | | | | |
| | Villa Cruz | | | | | | | | Brgy. Off. |
| | Villa Elio | | | | | | | | Brgy. Off. |
| | Villa Flores | | | | | | | | Brgy, Off. |
| | Villa Laua-an | | | | | | | | Brgy, Off. |
| | Villa Sal | | | | | | | | Brgy. Off. |
| | Villa Salomon | | | | | | | | Brgy. Off. |
| | Vista Alegre | | | | | | | | Brgy, Off. |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 4 of 6

| | | | | | Number of Staff | Staff | | | |
|-------------------------------|------------------------|-----------|-------------------|-----------|--------------------|-------------------|-------------|-------------|------------|
| Name of | Name of Operating Body | Technical | Administrati | | Total | | Repair Work | Work | |
| Municipality | | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| San Jose de Buenavista Bariri | Barin | | | | | | | | Brev. Off. |
| | Pantao | | - | | | | | | Brgy, Off. |
| | San Angel | | Barangay Official | Official | | , | | | |
| San Remigio | Aningalan | | | | | | | > | BWSA |
| | Iguirindon | | | | | | | > | BWSA |
| | La union | | | | | | | , | BWSA |
| | Nagbangi I | | | | | | | , | BWSA |
| | Nagbangi II | | | | | | | > | BWSA |
| | Osono I | | | | | | | , | BWSA |
| | Оѕопо П | | | | | | | > | BWSA |
| | Pandanan I | | | | | | | > | BWSA |
| | Poblacion | | | | | > | | > | BWSA |
| Sebaste | Abiera | | | | | ` | | | |
| | Aguila | | | 2 | 2 | > | | | |
| | Alegre | | | | | | | | |
| | Bacalan | | | | | | | | |
| | Brgy. Poblacion | 4 | | 2 | 9 | > | , | | |
| Sibalom | Bad-as | | | | | | | | BWSA |
| | Bongbongan 1 | | | | | | | | BWSA |
| | Bongbongan II | | | | | | | | BWSA |
| | Bulalacao | - | | | | | | | BWSA |
| | Cabartuan | | | | | | | | BWSA |
| | Caoladan | | | | | | | | BWSA |
| | Calog | ٠ | | | | | | | BWSA |
| | Cato-oy Comoldolou | | | | | | | | BWSA |
| | Capoldolan | | | | | | | | BWSA |
| | Cubay-sermon | | | | | | | | BWSA |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 4 of 6

| | | | | | Number of Staff | Staff | | | |
|--------------|------------------------|--------------------|--------------------------|-----------|--------------------|-------------------|-------------|-------------|------------|
| Jo omeN | | | | | Total | | Repair Work | Work | |
| Municipality | Name of Operating Body | Technical Staff | Administrati ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| | Londonio II | | | | | | | | BWSA |
| Sicaloin | Esperanza III | | | | | : | | | BWSA |
| | Tobanolono | | | | | | | | BWSA |
| | I acococ | | | | | | | | BWSA |
| | Tecoco | | | | | | | | BWSA |
| | Imparavan | | | | | | | | BWSA |
| | Inahasan | | | | | | | | BWSA |
| | Initan | | | | | | | | BWSA |
| | Torong | | | | | | | | BWSA |
| | T carbonesses | | | | | | | | BWSA |
| | Lambayagan | | | | | | | | BWSA |
| | Luyang | | | | | | | | BWSA |
| | Deign | | | | | | | | BWSA |
| | Conolig | | | | | | | | BWSA |
| - - | Doong | | | | | | | | BWSA |
| | Solone | | | | | | | | BWSA |
| | Tohong tahong | | | | | | | | BWSA |
| | Tighalua I | | | | | | | | BWSA |
| | Tiobalua II | | | | | | | | BWSA |
| | Tula-tula | | | | | | | | BWSA |
| | Villafont | | | | | | | | BWSA |
| Tibia | Castillo | | | | | | | | Brgy. Off. |
| A TOTAL | Esparagoza | | | | | - | | | - |
| | Importante | | | | | | | | |
| | La Paz | | | | | , | | | |
| | Martinez | | | | | | | | Brgy. Off. |
| | Natividad | | | | | | | | |
| | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 4 of 6

| | | | | | Number of Staff | Staff | | | |
|---------------------------------------|------------------------|---------------------|--------------------------|-----------|--------------------|-------------------|-------------|-------------|------------|
| Name of | | | | | Total | | Repair Work | Work | |
| Municipality | Name of Operating Body | l echnical Staff | Administrati ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Tibiao | Pitac | | | | | | | | Brgy. Off. |
| | San Francisco Norte | | | | | | | | 3 |
| | Santa Ana | | | | | | | | Brgy. Off. |
| | Santa Justa | | | | | | | | Brgy, Off. |
| | Tigbaboy | | | | | | | | Brgy. Off. |
| | Tuno | | | | | | | | Brgy. Off. |
| Tobias Fornier | Abaca WS | | | | | | | | |
| | Atiotes WS | | | | | | | | |
| | Balloscas WSS | | | | | | | | |
| | Barasanan A WSS | | | | | | | | |
| | Barasanan B WWS | | | | | | | | |
| | Barasanan C WWS | | | | | | | | |
| | Barrin WWS | | | | | | | | |
| | Camandagan WS | | | | | | | | |
| | Cato-ogan WWS | | | | | | | | |
| | Diclum WS | | | | | | | | |
| | Fatima WS | | | | | | | | |
| | Gamad WS | | | | | | | | |
| - | Igbangcal-A WS | | | | | | | | |
| | Igbangcal-B WS | | | | | | | | |
| | Igbangcal-C WWS | | | | | | | | |
| | Igcadac WWS | | | | | | | | |
| | Igcado WS | | | | | | | | |
| · · · · · · · · · · · · · · · · · · · | Igcasicad WS | | | | | | | | |
| · . | Lawigan | | | | | | | | |
| · | Manaling WS | | | | | | | | |
| | Nagsubuan WS | | | | | | | | |
| | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 4 of 6

| | | | | | Number of Staff | f Staff | | | |
|----------------|--------------------------|-----------|--------------|-----------|--------------------|-------------------|-------------|-------------|------------|
| Name of | Name of Oneratine Body | Technical | Administrati | | Total | | Repair Work | Work | |
| Municipality | from Smire and to smire. | Staff | ve Staff | Collector | Number of Staff | Local Trademan | MEO/CEO | DEO/ PEO | Others |
| Tobias Fornier | Nasuli-A WWS | | | | | | | | |
| | Opsan WSS | | | | | | | | |
| | Paciencia WS | | | | | | | | |
| | Sto. Tomas WS | | | | | | | | |
| | Ysulat WWS | | | | | | | | |
| Valderama | Alon Spring Dev. | | | | | | | | Brgy. Off. |
| | Bakiang Spring Dev. | | | | | | | | Brgy. Off. |
| | Binanongan WS | | | | | | | | |
| | Borocboroc Spring Dev | | | | | | | | Brgy. Off. |
| | Bugnay Spring Dev. | | | | | | | | |
| | Buluangan I | | | | | | | | Brgy. Off. |
| | Buluangan I (LGU) | | | | | | | | Brgy. Off. |
| | Buluangan II | | | | | | | | |
| | Bunsod | 1 | 10 | 1 | 12 | <i>></i> | | | |
| | Buri, Brgy. Bugnay | | | | | | | | Brgy. Off. |
| | Busog | | | | | | > | | |
| | Cananghan | | | | | | | | |
| | Canipayan | 1 | | 9 | 7 | | | ^ | Brgy. Off. |
| • | Cansilayan | | | | | | | | Brgy. Off. |
| • | Culyat | | | | | | | | Brgy. Off. |
| | Iglinab Spring Dev. | 2 | 5 | 1 | 8 | | | | BWSA |
| | Igmasandig | | | | | | | | BWSA |
| | Lublub | | | | | | | | |
| | Pandanan | | | | | | | | |
| | San Agustin | | Ţ | 1 | 2 | | | | |
| | Tigmamale | | | | | | | | |
| | Ubos-takas WWS | 2 | | 2. | 4 | | | | |

Table 4.1.2 Details on Existing Level II Systems Sheet 5 of 6

| | | | | E) | Expenditures | | | | | | Tariff | | | Average |
|---|---------------------------|--------|-------|----------------|--------------------|---------|-------------------|-------|---------------------|------------------|-----------------|----------------|-------|--------------------------|
| Name of Municipality | Name of Operating Body | Annual | Wages | Fuel. Chem. | Transport | Repairs | Loan Repayment | Other | Consumer Payment | Cost per Pail | Cost per Cu. | Cost per HH | Other | Collection Efficiency |
| | | | |). d) | (P '000.00 / year) | (| | | (Year) | | (Pesos) | (80) | | (%) |
| Anini-y | Bayo Grande | | | | | | | | | | | | | |
| | Bayo Pequeño | | | | | | | | | | | | | |
| | Casay | | | | | | | | | | | | | |
| | lba | | ; | | | | | | | | | | | |
| | lgtumarom | | | | | | | | | | | | | |
| | Lisub B | | | | | | | | | | | | | |
| | Mabuyong | | | | | | | | | | | | | |
| | Salvacion | | | | | | | | | | | | | |
| | San Ramon | | | | | | | | | | | | | |
| | Tagaytay | | | | | | | | | | | | | |
| Belison | Borocboroc BWSA | | | | | | | | | | | | | |
| | Buenavista BWSA | | | | | | | | | | | | | |
| | Mojon BWSA | | | | | | | | | | | | | |
| Bugasong | Camangahan WWS | | | | | | | | | | | | | |
| | Guija-Sabang West WWS | /ws | 1.45 | | | . 3 | | 4 | | | | | | |
| | Haures Spring System | T. | 4.8 | 4.86 | | | | | | | | 10 | | |
| | Zaragoza | | | | | | | ,- | | | | 3 | | |
| Culasi | Batbatan Island | | | | | | | | | | | | | |
| | Bitadton Norte | | | | : | | | | | | | | | |
| | Flores | | | | | | | | | | | | | |
| | Magsaysay | | | | | | | | | | | | | |
| | Malalison Island | | | | | | | | | | | | | |
| | Osono | | | | | | | | | | | | | |
| | San Pascual | | | | | | | | | | | | | |
| | Simbola | | | | | | | | | | | | | |
| | Tigbobolo | | | | | | | | | | | | | |
| Hamtic | Apdo | | | | | | | | • | | | | | |
| | Banawon | | | | | | | | | | | | | |
| | Bongbongan III | | | | | | | | | | | | | |
| | Botbot | | | | | | | | | | | | | |
| | Bubudan | | | | | | | | | | | | | |
| | Calacja l | | | | | | | | | | | | | |
| 1000 · 1 | Calacja II | | | | | | | | | | | | | |
| | Caromangay | | | | | | | | | | | | | |
| | Casalngan | | | | And the second | | | | | | | | | |
| | Dangcalan | | | | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 5 of 6

| Municipality Operating Resp. Annual Wages Cheuk Transport Repayment Other Content Palif Che Other Content Check Other Other Check Other | | | | | | Expenditures | | | | | | Tariff | | Ave | Average |
|--|---------------------------------------|---------------------------|--------|-------|----------------|--------------|---------|-------------------|--------------|---------------|--------------|----------------|---------------|----------|------------|
| Evelic B. Javier P. 000-00 / vear) Creary | Name of Municipality | Name of Operating Body | Annual | Wages | Fuel, Chem. | Transport | Repairs | Loan Repayment | Other | $\overline{}$ | | | ost per Other | Γ | Collection |
| Facility B. Lavier Facility B. Lavier B | | | | | (P | 000.00 / yea | (, | | | Year | | (Peso | | | (%) |
| Canada C | Hamtic | Evelio B. Javier | | | | | | | | | | | | | |
| General Fullon General Fullon Image Employ Employ Employ Employ Employ Casican Casican Image Employ Image | | Fabrica | | - | | | | | | | | + | | <u> </u> | |
| Linguistation Linguistatio | | General Fullon | | | | | | | | | | | | + | T |
| Lindburn Mayoung Politacion 5 Politacion 5 Bandana Lindero Lindero Lindero Lindero Lindero Lindero Lindero Lindero Lindero Lindero Lindero Linde | <u> </u> | Igbucagay | | | | | | | | | | | | 1 | Ī |
| Majoring Problem Pro | | Linaban | | | | | | | | ŀ | | | | | Ī |
| Poblacion 5 Poblacion 5 Poblacion 5 Poblacion 5 Poblacion 5 Poblacion 6 Poblacion 6 Poblacion 7 | - | Mapatag | | | | - | | | | - | T | | | | Ī |
| Earthon Captusyan Captusyan Captusyan Captusyan Captusyan Captusyan Captusyan Castean | | Poblacion 5 | | | | | | | | | - | + | | - | T |
| Capitalyan Capitalyan Capitalyan Capitalyan Casitalyan Casitalyan Casitalyan Casitalyan Casitalyan Casitalyan Cabitalyan Cab | Laua-an | Banban | | | | | | | | | | | | | Ī |
| Casicon Casicon Calimon Indian Indian Indian Inder Inder Inder Inder | | Capnayan | | | | | | | | | - | 1 | | | T |
| Guismon Intage | | Casit-an | | | | | | | | | <u> </u> | | | - | T |
| Intaco Intaco Intaco Intaco Intaco Intaco Internation In | | Guiamon | | | | | | | | - | | | | - | |
| Jaguikican Jaguikican Jaguikican Jaguikican Jaguikican Jaguikican Jaguikican Jahahan Jah | | Intao | | | | | | | | | | | | + | T |
| Inalinan Licent | | Jaguikican | | | | | | | | - | | | | + | T |
| Lieberato | | Jinalinan | | | | | | | | | | | | | T |
| Liberato | | Leon | | | | | | | | - | - | | | - | Ī |
| Lindero Liya-liya Mania Mania Mania Mayounga Pandanan Paniatan Pan | | Liberato | | | | | | | | | }- | - | | + | T |
| Liya-liya Maria Maria Maria Maria Maria Mauno Mayana Maduunga Maduunga Maduunga Maduunga Maduunga Paningayan Paningayan San Ramon San Ramon San Ramon San Ramon San Ramon Maria Ma | | Lindero | | | | | | | | | - | + | | - | |
| Maria Mauno Mauno Mauno Paniadanan Paniadanan Paniadanan Paniadanan Paniagayan San Ramon San Ramon San Ramon San Ramon San Ramon San Ramon Lindero BWSA Lindero BWSA 2 Pucio-WS 2 Pucio-WS 2 Pucio-WS 2 Pacioningan Iminducan Timiducan Timiducan | | Liva-liya | | | | | - | | | - | | + | | - | Ī |
| Mauno Maybunga Pandanan Paningayan San Ramon Santago Virginia Codiong WWS Indero BWSA Lindero BWSA Paz Paz Pucio-WS San Ramon | | Mana | | | | | | | | 1 | + | | | | T |
| Maybunga Maybunga Panidaan Panidaan Panindusan Paningayan San Ramon San Ramon San Ramon San Ramon Sungina Codiong WWS Ingagay WWS 2 Lindero BWSA 2 Paz Paz | · · · · · · · · · · · · · · · · · · · | Mauno | | | | | | | | | + | | + | - | T |
| Pandanan Panistan Panistan Paningayan San Ramon Santiago Virginia Codiong WWS Igeagay WWS Inyawan WWS Lindero BWSA Pucio-WS San Rogue Tinigbas Tiniduxan | | Maybunga | | | | | | - | | | | + | - | | T |
| Paniatan Paniatan Paningayan 8 San Ramon 8 Santiago Virginia Codiong WWS 2 Ingagay WWS 2 Lindero BWSA 2 Pucio WS 2.5 San Roque 7 Tinigbas 7 Timidusan 1 | | Pandanan | | | | | | | | | - | | | - | Ī |
| Paningayan Paningayan San Ramon Santago Virginia Codiong WWS Igoagay WWS 2 Innyawan WWS 2 Pucio-WS 2.5 Pucio-WS 2.5 San Roque Tinigbas Tinindusan Tinindusan | | Paniatan | | | | | | | | - | - | | + | + | T |
| San Ramon Santiago Virginia Volignia Codiong WWS 2 Igcagay WWS 2 Inidero BWSA 2 Pucio-WS 2.5 San Roque 7 Timigbas 7 Timidusan 7 | | Paningayan | | | | - | | | | | | - | + | + | T |
| Santiago Virginia Volinginia Codiong WWS Igcagay WWS 2 Inindero BWSA 2 Pucio-WS 2.5 San Roque 7 Tinigbas 7 Timigbas 7 | | San Ramon | | | | | | | | | | - | | 1 | T |
| Virginia Codiong WWS Igcagay WWS Innyawan WWS 2 Lindero BWSA 2 Pucio. WS 2.5 San Roque Tinigbas Timigbas Timindusan | | Santiago | | | | | | | | | | - | | - | Ī |
| Codiong WWS Codiong WWS Igcagay WWS 2 Innyawan WWS 2 Lindero BWSA 2 Pucio. WS 2.5 San Roque Tinigbas Timigbas Timindusan | | Virginia | | | | | | | | | - | | - | | T |
| 2 2 2.5 | ٠ | Codiong WWS | | - | | , | | - | | | | - | | - | 1 |
| WS 2 SA 2 SA 2 SA 2 | | Igcagay WWS | | | | | | | | | | - | | - | T |
| 2.5 | | Inyawan WWS | 2 | | | | · | | | - | | - | | - | T |
| 2.5 | | Lindero BWSA | 2 | | | | | | - | | - | | , , | - | T |
| | | Paz | | | | | | | | | - | - | 3 | + | Ī |
| San Rogue Trinigbas Trininducan | | Pucio WS | 2.5 | | | | | | | | | + | - | 1 | Ī |
| Tinigbas | | San Roque | | | | | | | | | - | | | - | T |
| Tininducan | | Tinigbas | | | | | | | | 1 | | - | | 1 | |
| | | Tinindugan | | - | | | | _ | | | | - | | 1 | Ī |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 5 of 6

| | Average | Collection Efficiency | (%) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------|--------------------------|-------------------|----------|-----------|----------|---------|----------|-------------|-----------|-----------|-----------|----------|----------|----------|------------|------------|---------|--------|---|-------------|-----------|------------|----------|-------------|------------|------------|-------------|---|--------------|-----------|--|--------------|---------------|-----------|---------------|--------------|
| | | Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Cost per HH | (Pesos) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | ł | Cost | (Pe | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Cost per Pail | | | | | | | | | | | | | | | | | | *************************************** | | | | ٠ | | | | | *************************************** | | | | : | | | | |
| | | Consumer Payment | (Year) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Loan Repayment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - Andrewsky (Andrews Street | | Repairs |) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | CADCHURINES | Transport | (P'060.00 / year) | | | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ú | | Fuel, Chem. | (P-(| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Wages | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | | | |
| | | Annual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | • | Operating Body | | Aracay | Badiangan | Listoga | Maadios | Perfects | San Joaquin | Santa Ana | Alvaniz | Badiangan | Bitas | Cuyapiao | Gella | gbarawan | gburi | a Rioja | Mabasa | Macarina | Magarang | Pandanan. | Patiabawon | Quezon | Salaguiawan | San Rafael | Tamayoc | ligbalogo . | Obias Fornier | Villa Crespo | illa Cruz | Villa Elio | Villa Flores | Villa Laua-an | Villa Sal | Villa Salomon | Vista Alegre |
| | | | | <u> </u> | <u> </u> | <u> </u> | 2 | Δ. | <u>ω</u> | S | <u> </u> | <u> </u> | <u>m</u> | 의 | <u>.</u> | <u>-≃1</u> | <u>~</u> 1 | -1 | 2 | 2 | <u>.2</u>] | A. | <u> </u> | <u>의</u> | S | Ø. | <u>[-]</u> | <u>[</u>] | <u>:- </u> | <u> </u> | <u> </u> | <u> > </u> | <u> ></u> | <u> </u> | <u> </u> | <u>></u> | <u>I≥</u> |
| | , | Municipality | | Pandan | | | | | | | Patnongon | | | | | | | | | | | | | | - | | | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 5 of 6

| Average | Collection Efficiency | (%) | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | | | | | | |
|--------------|---------------------------|--------------------|------------------------------|------------|-----------|-------------|-----------|-----------|------------|-------------|----------|-----------|------------|-----------|-----------|--------|--------|---------|-----------------|---------|---------------------|---------------|-----------|-----------|----------|----------|----------|------------|--------------|--------------|---------------|-----------|----------------|---------|----------|----------|-----------------|---------|
| , | Other | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | |
| | Cost per HH | (Pesos) | | | | | | | | | | | | | 101 | 10 | | | 25 | | | | | | | | | | | | | | | | | | | 50 |
| Tariff | Cost per Cu. | (P | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Cost per Pail | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Consumer Payment | (Year) | | | | | | | | | | | | - | | | | | | | | | | | | | | | | | | | | | | | | |
| | Other | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Loan Repayment | | | | | | | | | | | | | | ٠ | | | | | | | | | | | | | | | | | | | | | | | |
| | Repairs |) | | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | |
| Expenditures | Transport | (P '000.00 / year) | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | | | | | | |
| ŭ | Fuel, Chem. | (P. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Wages | | | | | | | | | | | | | | 9 | 9 | | | 7 | | | | | | | | | | | | | | | | | | | |
| | Annual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Name of Operating Body | | Вагілі | Pantao | San Angel | Aningalan | guirindon | La union | Nagbangi I | Nagbangi II | Osorio I | Osorio II | Pandanan I | Poblacion | Abiera | Aguila | Alegre | Bacalan | Brgy. Poblacion | Bad-as | Bongbongan I | Bongbongan II | Bulalacao | Cabariuan | Cabladan | Calog | Calo-oy | Capoldolan | Cubay-Sermon | Esperanza II | Esperanza III | gpanolong | ೨ ೦೦೦೦೫ | gdagmay | трагауап | Inabasan | Initan | Lacaron |
| | Name of Municipality | | San Jose de Buenavista Barin | = 1 | | San Remigio | | . | .S. | isti | <u>~</u> | | | 1 | Sebaste / | | | | 1 | Sibalom | (1:41) | [| _ | | | <u>'</u> | <u>J</u> | <u>9</u> | ' | <u></u> | Щ. | | | | | | 1 -3 | 1 |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 5 of 6

| | | | | ଭ | Expenditures | | | | | | izril | | | Average |
|-------------------------|------------------------|--------|-------|----------------|--------------------|---------|-------------------|-------|---------------------|------------------|-----------------|----------------|-------|--------------------------|
| Name of Municipality | Name of Onerating Body | Annual | Wages | Fuel. Chem. | Transport | Repairs | Loan Repayment | Other | Consumer Payment | Cost per Pail | Cost per Cu. | Cost per HH | Other | Collection Efficiency |
| * | 6 | | | (P) | (P '000.00 / year) | į. | | | (Year) | | (Pesos) | (50: | | (%) |
| | Lambayagan. | | | | | | | | | | | | | |
| ٠. | Luyang | | | | | | | | | | | | | |
| - ग | Nagdayao | | | | | | | | | | | | | |
| | Odiong | | | | | | | | | | | | | |
| | Panlagangan | | | | | | | | | | | | | |
| | Pasong | | | | | | | | | | | | | |
| | Solong Tabona-mbong | | | | | | | | | | | | | |
| | Tiebalua 1 | | | | | | | | | | | | | |
| | Tiebalua II | | | | | | | | | | | ** | | |
| : | Tula-tula | | | | | | | | | | | | | |
| ٠ | Villafont | | | | | | | | | | | | | |
| | Castillo | | | | | | | | | | | free | | |
| | Esparagoza | | | | | | | | | | | | | |
| | Importante | | | | | | | | | | | | | |
| | La Paz | | | | | | | | | | | | | |
| | Martinez | | | | | | | | | | | free | | |
| | Natividad | | | | | | | | | | | | | |
| | Pitac | | | | | | | | | | | free | | |
| é | San Francisco Norte | | | | | | | | | | | | | |
| | Santa Ana | | | | | | | - | | | | | | |
| • . | Santa Justa | | | | | | | | | | | 25 | | |
| | Tigbaboy | | | | | | | | | | | free | | |
| | Tuno | | | | | | | | | | | 2 | | |
| Tobias Fornier | Abaca WS | | | | | | | | | | | | | |
| | Ariotes WS | | | | | | | | | | | | | |
| | Balloscas WSS | | | | | | | | | | | | | |
| | Barasanan A WSS | | | | | | | | | | | | | |
| | Barasanan B WWS | | | | | | | | | | | | | |
| | Barasanan C WWS | | | | | | | | | | | | | |
| | Bariri WWS | | | | | | | | | | | | | |
| | Camandagan WS | | | | | | | | | | | | | |
| | Cato-ogan WWS | | | | | | | | | | | | | |
| | Diclum WS | | | | | | | | | | | | | |
| · | Fatima WS | | | | | | | | | | | | | |
| ٠ | S W C | | | | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 5 of 6

| Municipality Operating Body Annual Tobias Fornier Igbangcal-A WS Igbangcal-B WS Igcadac WWS Igcadac WWS Igcadoc WW | ual Wages | Fuel, Transport (P'000.00/year) | Transport Repairs | Loan | Other C | Consumer Cos Payment P (Year) | Pail Cu. (Pe | Coxt per HH sos) | Other | Collection (%) |
|--|-----------|---------------------------------|-------------------|------|---------|-------------------------------------|--------------|------------------|-------|----------------|
| Igbangcal-A WS Igbangcal-B WS Igbangcal-B WS Igcadac WWS Igcadac WWS Igcado WS Igcado WS Igcado WS Igcasicad WS Igcasical WS Igcasicad WS Igcasicad WS Igcasicad WS Igcasicad WS Igcasicad WS Igcasical | | (P.000.00 | /year) | | | | | (503) | | (%) |
| Igbangcal-A WS Igbangcal-B WS Igbangcal-B WS Igcadac WWS Igcadac WWS Igcadoc WS Igcasicad WS Igcasicad WS Iawigan Manaling WS Nasuli-A WWS Opsan WS Sto. Tomas WS Walat WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Bulanangan II Bulanangan II Bulanangan II Bulanangan II Bulangan II Cananghan Cananghan Cananghan | | | | | | | | | | |
| Igbangcal-B WS Igbangcal-C WWS Igcadac WWS Igcadoc WS Igcasicad WS Igcasicad WS Iawigan Manaling WS Nagsubuan WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Ysula WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Buluangan I Buluangan I Buluangan I Buluangan I Buluangan I Buluangan II Buluangan I Buluangan I Canipayan Cananghan Canipayan Cananghan Canipayan | | | | | | | | | | |
| Igbangcal-C WWS Igcadac WWS Igcadac WWS Igcasted WS Lawigan Manaling WS Nasuli-A WWS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Sto. Tomas WS Sto. Tomas WS Sto. Tomas WS Bariang Spring Dev. Bariang Spring Dev. Bariang Spring Dev. Buluangan I Buluangan I Buluangan I Buluangan I Buluangan I Buluangan II Buluangan II Buluangan I Buluangan I Cananghan Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Igcadac WWS Igcado WS Igcasicad WS Lawigan Manaling WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Sto. Tomas WS Sto. Tomas WS Baliang Spring Dev. Baliang Spring Dev. Baliang Spring Dev. Buluangan I Buluangan I Buluangan I Buluangan I Buluangan I Buluangan II Buluangan II Buluangan II Buluangan I Cananghan Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Igcado WS Igcasicad WS Lawigan Manaling WS Nagsubuan WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Sto. Tomas WS Sto. Tomas WS Sto. Tomas WS Bakiang Spring Dev. Binanongan WS Borocboroc Spring Dev. Buluangan I (LGU) Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Lawigan Manaling WS Nagsubuan WS Nasuli-A WWS Nasuli-A WWS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Buluangan I (LGU) Buluangan I (LGU) Buluangan I (Buluangan II Buluangan I (Buluangan II Buluangan I (Buluangan II Buluangan I (CGU) Buluangan I (CGU) Buluangan I (CGU) Buluangan I (CGU) Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Lawigan Manaling WS Nagsubuan WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Buluangan I (LGU) Buluangan I (LGU) Buluangan I (LGU) Buluangan II Buluangan II Buluangan I (CGU) Buluangan I (CGU) Buluangan I (CGU) Buluangan I (CGU) Cananghan Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Manaling WS Nagsubuan WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Balianongan WS Borocboroc Spring Dev. Buluangan I (LGU) Buluangan II Cananghan Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Nagsubuan WS Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bakiang Spring Dev. Bayang Spring Dev. Buyang Spring Dev. | | | | | | | | | | |
| Nasuli-A WWS Opsan WSS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bananongan WS Boroeboroe Spring Dev. Buluangan I (LGU) Buluangan II Buluangan II Buluangan I (LGU) Buluangan II Buluangan II Busod Busod Busod Cananghan Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Opsan WSS Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bananongan WS Boroeboroe Spring Dev. Buluangan I (LGU) Buluangan II Buluangan II Buluangan II Buluangan I (CGU) Buluangan II Busod Busod Busod Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Paciencia WS Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bananongan WS Borocboroc Spring Dev. Buluangan I Buluangan I Buluangan II Buluangan II Buluangan II Buluangan II Busod Bursod Bursod Bursod Bursod Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Sto. Tomas WS Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Bananongan WS Borocboroc Spring Dev. Bulangan I Buluangan I Buluangan I Buluangan II Buluangan II Buluangan II Busod Bursod Bursod Bursod Bursog Cananghan Cananghan Cananghan Cananghan | | | | | | | | | | |
| Ysulat WWS Alon Spring Dev. Bakiang Spring Dev. Binanongan WS Borocboroc Spring Dev. Buluangan I Buluangan II Buluangan II Bunsod Buri, Brgy, Bugnay Busog Cananghan Canipayan | | | | | | | | | | |
| Alon Spring Dev. Bakiang Spring Dev. Binanongan WS Borocboroc Spring Dev. Buluangan I Buluangan II Buluangan II Bursod Bur, Brgy, Bugnay Busog Cananghan Canipayan | | | | | | | | | | |
| g Spring Dev. ngan WS onoc Spring Dev. Spring Dev. gan I I I I Tgy. Bugnay than | | | | | | | | | | |
| ngan WS oroc Spring Dev. Spring Dev. gan I (LGU) gan II rgy. Bugnay than | | | | | | | | | | |
| oroc Spring Dev. Spring Dev. gan I gan I (LGU) gan II rgy. Bugnay than | - | , | | | | | | | - | |
| Spring Dev. gan I gan I (LGU) gan II rgy. Bugnay than | | | | | <u></u> | | | | | |
| gan I (LGU) gan II I rgy. Bugnay rgy. Bugnay than | | | | | | | | | | |
| gan I (LGU) gan II I rgy. Bugnay than yan | | | | | | | | | | |
| gan II Irgy. Bugnay rgy. Bugnay than | | | | | | | | | _ | |
| rgy. Bugnay chan | | | - | | | | | | | |
| Buri, Brgy, Bugnay Busog Cananghan Canipayan Canipayan | 14.6 2.4 | 15.5 | 3 | · | | | | 15 | | |
| Busog Cananghan Canipayan Cansilayan | | | | | | | | 1 | | |
| Cananghan Canipayan Cansilayan | | | | | | | | | | |
| Canipayan Cansilayan | | - | | | | | | | | |
| Cansilayan | | | | | | | | | | |
| The state of the s | | | | | | - | | | | |
| Culyat | | | | | | | i | | | |
| Iglinab Spring Dev. | | | | | | | | | | |
| Igmasandig | | | | | _ | | | | | |
| Lublub | | | | | | | | | | |
| Pandanan | | | | | | | | | | |
| San Agustin | | | | | | | | | | |
| | | | | | | | | | | |
| Ubos-takas WWS 128 | 128.36 | - | | | | | | 30 | | - |

Table 4.1.2 Details on Existing Level II Systems Sheet 6 of 6

| | | | | Rillinos | | | | | Revenues | | |
|-------------------------|---------------------------|-------------------|-------------|--------------|--------------------|--------|--------------------|---------------|------------|-----------|-------|
| | | | 1 | 2000 | | | | Doument hy | Payment hy | | |
| Name of Municipality | Name of Operating Body | Annual Billing | Faucet | Connection | Expected Subsidies | Others | Annual Income | Public Faucet | House | Subsidies | Other |
| | | (Number) | Collisaniic | Collegenting | |) | (P '000.00 / year) | 'ear) | | | |
| Apini-v | Bavo Grande | | | | | | | | | | |
| | Bayo Pequeño | | | | | | | | | | |
| | Casay | | | | | | | | | | |
| | (ba | | | | | | | | | | |
| | Igtumarom | | | | | | | | | | |
| | Lisub B | | - | | | | | | | | |
| - | Mabuyong | | 14 | | | | | | | | Ĭ |
| | Salvacion | | | | | | | | | | |
| | San Ramon | | | | | | | | | | |
| | Tagaytay | | | | | | | | | | |
| Belison | Borocboroc BWSA | | | | | | | | | | |
| | Buenavista BWSA | | | | | | | | | | |
| | Moion BWSA | | | | | | | | | | |
| Bugasong | Camangahan WWS | | | | 2 | | | | | | |
| | Guija-Sabang West V | νws | | | | | 4.5 | | | | |
| | Haures Spring Systen | c | | | | | | | | | |
| | Zaragoza | | | | | | | | | | |
| Culasi | Batbatan Island | | | | | | | | | | |
| | Bitadton Norte | | | | | | | | | | |
| | Flores | | | | | | | | | | |
| | Magsaysay | | | | | | | | | | |
| | Malalison Island | | | | | | | | | | |
| | Osono | | | ٠ | | | | | | | |
| | San Pascual | | | | | | | | | | |
| | Simbola | | | | | | | | | | |
| | Tigbobolo | | | | | | | | | | |
| Hamtic | Apdo | | | | | | | | | | |
| | Banawon | | | | | | | | | | |
| | Bongbongan III | | | | | | | | | | |
| | Botbot | | | | | | | | | | |
| | Bubudan | | | | | | | | | | |
| | Calacja 1 | r | | | | | | | | | |
| | Calacja II | | | | | | | | | | |
| | Caromangay | | | | | | | | | | |
| | Casalngan | | | | _ | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 6 of 6

| | | | | Rillings | | | | | Revenues | | |
|--|---------------------------|-------------------|-----------------------------|----------------------------------|-----------------------|--------|--------------------|----------------------------------|-----------------------------------|---------------------------------|---------------------------|
| Name of Municipality | Name of Operating Body | Annual Billing | Public Faucet Consume | House Connection Consumers | Expected Subsidies | Others | Annual Income | ment by lic Faucet nsumers | Payment by House Connection | Subsidies | Other |
| | | (Number) | | | |) | (P '000.00 / year) | /ear) | | | |
| Hamtic | Dangcalan | | | | | | | | | | |
| | Evelio B. Javier | | | | | | | | | | |
| | Fabrica | | | : | | | | | | | |
| | General Fullon | | | | | | | | | | |
| | Igbucagay | | | | | | | | | | |
| | Linaban | | 4 | | | | | | , | | |
| | Mapatag | | , | | | | | | | | |
| | Poblacion 5 | | | | | | | | | | |
| Laua-an | Banban | | | | | | | | | | |
| | Capnayan | | | | | | | | | | |
| | Casit-an | | | | | | | | | | |
| | Guiamon | | | | | | | | | | |
| | Intao | | | | | | | | | | |
| | Jaguikican | | | | | | | | | | |
| | Jinalinan | | | | 2 | | | | | | |
| | Leon | | | | | | | | | | |
| | Liberato | | | | | | | | | | |
| | Lindero | | | | | | | | | | |
| | Liya-liya | | | | | | | | | | |
| | Mana | | | | | | | | | | |
| | Mauno | | - | | | | | | | | |
| | Maybunga | | | | 1 | | | | | | |
| | Pandanan | | | | | | | | | | |
| | Paniatan | | | | | | , | | | | |
| | Paningayan | | | | | | | | | | |
| | San Ramon | | | : | | | | | | | |
| · | Santiago | | | | | | | | | | |
| | Virginia | | | | | | | | | | |
| Libertad | Codiong WWS | | | | | | | | | | |
| | Igcagay WWS | | - | | | | | | | | |
| | Invawan WWS | | | | | | 4.68 | | | | |
| | Lindero BWSA | | | | | | 0.14 | | , | | |
| | Paz | | | | | | | | | | |
| | Pucio WS | | | | | | | | | | |
| AND DESCRIPTION OF THE PROPERTY OF THE PROPERT | | | | | | | | | | - Constitution - Constitution - | Transfer or to the second |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 6 of 6

| | | | | Rillings | | | | | Revenue | | |
|-------------------------|---------------------------|-------------------|-----------------------------|----------------------------------|-----------------------|--------|------------------|--|-----------------------------------|-----------|-------|
| | | | | | | I | | | inc verifice. | | |
| Name of Municipality | Name of Operating Body | Annual Billing | Fublic Faucet Consume | House Connection Consumers | Expected Subsidies | Others | Annual Income | Payment by Public Faucet Consumers | Payment by House Connection | Subsidies | Other |
| | | (Number) | | | | 0 | (P '000.000/ | vear | | | |
| Libertad | San Roque | | | | | | | | | | |
| | Tinigbas | | | | | | | | | | |
| | Tinindugan | | | | | | | | | | |
| Pandan | Aracay | | | | | | | | | | |
| | Badiangan | | | | | | | | | - | |
| | Listoga | | | | | | | | | | |
| | Maadios | | | | | | | | | | |
| | Perfecta | | | | | | | | | | |
| | San Joaquin | | | | | | | | | | |
| | Santa Ana | | | | - | | | | | | |
| Patnongon | Alvaniz | | | | | | | | | | |
| | Badiangan | | | | | | | | | | |
| | Bitas | | | | | | | | | | |
| | Cuyapiao | | | | | | | | | | |
| | Gella | | | | | | | | | | |
| | Igbarawan | | | | | | | | | | |
| | Igburi | , | | - | - | | | | | , | |
| | La Rioja | | | | | | | | | | |
| | Mabasa | | | | | | | | | | |
| | Macarina | | | | | | | | | | |
| | Magarang | | | | | | | | | | |
| | Pandanan. | | | | | · | | | | | |
| | Patlabawon | | | | | | | | | | |
| | Quezon | : | : | | | | | | | | |
| | Salaguiawan | | | | | | | | · | | |
| | San Rafael | | | | | | | | | | |
| | Tamayoc | | | | | | | | | | |
| | Tigbalogo | | | | | | | | | | |
| | Tobias Fomier | | | | | | | | | | - |
| | Villa Crespo | | | | | | | | | | |
| | Villa Cruz | | 4 | | | | | | | | |
| | Villa Elio | | | | | | | | | | |
| | Villa Flores | | | | | | | | | | |
| | Villa Laua-an | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 6 of 6

| Subsidies Others Income Consumers (P'000.00 / year) 12 12 144.28 15.8 16.8 | | | | | Billings | | | | | Revenues | | |
|--|-------------------------|---------------------------|----------|-----------------------------|----------------------------------|-----------------------|--------|------------------|-------|---------------------|-----------|-------|
| Villa Sal Villa Salumon (P '000,00 / vear) e de Buernavist Barrin Villa Salumon (P '000,00 / vear) e de Buernavist Barrin Villa Salumon (P '000,00 / vear) n Size Alegge (P '000,00 / vear) n Size Alegge (P '000,00 / vear) Nagbang, 1 (P '000,00 / vear) Pandanal (P '000,00 / vear) Aseria (P '000,00 / vear) Aseria (P '000,00 / vear) Aseria (P '000,00 / vear) Baddss (P '000,00 / vear) Cabrianan (P '000,00 / vear) Cabrianan (P '000,00 / vear) Cabrianan (P '000,00 / vear) Experimentall (P '000,00 / vear) Experimentall (P '000,00 / vear) Experimentall (P '000,00 / vear) < | Name of Municipality | Name of Operating Body | L | Public Faucet Consume | House Connection Consumers | Expected Subsidies | Others | Annual Income | | Payment by House | Subsidies | Other |
| Villa Salamon Villa Alamon Villa Alamo | | | (Number) | | | | ** | | /ear) | Commercion | | |
| Villa Salomon Villa Villa Salomon Villa Vill | Patnongon | Villa Sal | | | | | | | | | | |
| Vista Alegere | | Villa Salomon | | | | | | | | | 1 | |
| Panton P | | Vista Alegre | | | | - | | | | | | |
| Pantac San Angel Anngalan | San Jose de Buenavist | Barini | | | | | - | | | | | |
| Sur Angel Sur | | Pantao | | | | | | | | | | |
| Figure Capenary Figure | | San Angel | | | | | | | | | | |
| Septimon Laurindon Lauri | San Remigio | Aningalan | | | | | | | | | 1 | |
| La union Nagbang | | Iguirindon | | | | | | | | | | |
| Nagbang 1 Nagbang | | La union | | | | | | | | | | |
| Nagbang II | | Nagbangi I | | | | | | | | | | |
| Osorio O | | Nagbangi II | | | | | | | | | 1 | |
| Pandanan J Pandananan n n J Pandananananan J Pandananananananan J Pandanananananananananananananananananan | | Osorio 1 | | | | | | | | | 1 | |
| Pandanan J Pandanan J Poblacion 0.12 44.28 50.28 Aguilla 0.12 16.8 16.8 C Aguilla 0.12 146.8 153.8 C D C C D C D < | | Osorio II | | | | - | | | | | | Ī |
| Poblation 0.12 44.28 \$0.28 Abiera 0.12 16.8 16.8 0.528 Acguila 0.12 16.8 16.8 0.528 </td <th></th> <td>Pandanan J</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> | | Pandanan J | | | | | | | | | 1 | |
| Abjerta 0.12 44.28 50.28 Aguila 0.12 16.8 16.8 Actigner 16.8 16.8 16.8 Back-as Back-as 146.8 153.8 Bongbongan I Bongbongan I 100 Cabbridgan 100 Cabbridgan Cabladan Caboldolan 100 Cabbridgan 100 Cabbridgan Caboldolan Caboldolan 100 Cabbridgan 100 Cabbridgan Caboldolan Caboldolan 100 Cabbridgan 100 Cabbridgan Esperanza III Esperanza III Esperanza III Esperanza III Igoacoc 12cococ 12cococ | | Poblacion | | | | | | | | | | |
| Aguila Ascurla 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 16.8 15.3.8 18.3.8 | | Abiera | | | 0.12 | | | 44.28 | | \$0.28 | | 30 |
| Alegre Alegre Bacalan Bacalan Bacalan Bacalan Bad-as Bad-as Bad-as Bad-as Bad-as Bad-as Bad-as Badaban Bangbongan ii Bulalacao Cabaridan Cabladan Cabla | | Aguila | | | 0.12 | - | | 16.8 | | 3 91 | 1 | 36 |
| Bacalan 0.12 146.8 153.8 Bad-us 0.12 146.8 153.8 Bad-us Bongbongan I 1 Bulalacao Cabariuan Cabariuan Cabariuan Cabariuan Cabariuan Calog Calogoldon Capoldolan Capoldolan Cubay-Sermon Esperanza II Esperanza II Esperanza III Expanolong Igeococ | - | Alegre | | | | - | | | | 9.51 | | 2 |
| Brgy. Poblacion 0.12 146.8 153.8 Bad-as Bad-as 153.8 Bongbongan I Bongbongan II 153.8 Bulalacao Cabriuan 153.8 Cabriuan Cabriuan 153.8 Cabriuan Calog 152.0 Calog Calog 152.0 Calogodolan 152.0 152.0 | | Bacalan | | | | | - | | | | | |
| Bad-as | | Brgy. Poblacion | | | 0.12 | | - | 146.8 | | 152.8 | - | 7 |
| Bongbongan I Bongbongan II Bongbongan II Bulalacao Cabariuan Cabladan Cabladan Calog Calog Capoldolan Cubay-Sermon Cubay-Sermon Esperanza II Esperanza II Esperanza II Esperanca II Es | | Bad-as | | | | | | | | 2000 | | 3 |
| Bongbongan II | | Bongbongan I | | | | | | | | | | |
| Bulalacao Cabariuan Cabladan Calog Calo-oy Capoldolan Cubay-Sermon Esperanza II Experanza III Experanza III Igbanolong Igcococ | | Bongbongan II | | | | | | | - | | + | T |
| Cabariuan Cabladan Calog Caloeov Capoldolan Capoladolan Cubay-Sermon Esperanza 11 Experanza 11 Experanza 11 Igbanolong Igcococ | | Bulalacao | | | | | - | | | | | Ī |
| Cabladan Calog Calo-oy Capoldolan Cubay-Sermon Esperanza II Experanza III Igbanolong Igcococ | | Cabariuan | | | | | | | | | | Ī |
| Calog Calo-oy Capoldolan Cubay-Sermon Esperanza II Experanza III Igbanolong Igcococ | | Cabladan | | - | | | - | | | | 1 | Ī |
| Calo-oy Capoldolan Cubay-Sermon Esperanza II Experanza III Igbanolong | 1 | Calog | | - | | | | | | | | |
| Capoldolan Cubay-Sermon Cubay-Sermon Esperanza II Esperanza III Igbanolong | | Calo-oy | | | | | | | | - | † | |
| Cubay-Sermon Esperanza II Esperanza III Lighanolong | | Capoldolan | | | | | | | | | † | T |
| Esperanza 11 Esperanza 11 Esperanza 11 Esperanza 11 Espanolong | | Cubay-Sermon | | | | | | | | | | |
| Esperanza III Ugbanolong Igcococ | | Esperanza II | | | | | | | | | | Ī |
| Igbanolong Igcococ | | Esperanza III | | | | 1 | | | | | | Ī |
| JSCOCOC | | Igbanolong | | | | | | | | | + | T |
| | | Scococ | | - | - | | | | | | + | Ī |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 6 of 6

| | | | | Billings | | | | - 1 | Revenues | | Ĭ |
|-------------------------|---------------------------|-------------------|-----------------------------|----------------------|-----------------------|--------|----------|--|-----------------------------------|-----------|-------|
| Name of Municipality | Name of Operating Body | Annual Billing | Public Faucet Consume | Connection Consumers | Expected Subsidies | Others | Annual | Payment by Public Faucet Consumers | Payment by House Connection | Subsidies | Other |
| | | (Number) | | | | ī | ,000.000 | (P '000.00 / year) | | | |
| Sibalom | Igdagmay | | | | | | | | | | Ī |
| | Imparayan | | | | | | | | | | |
| | Inabasan | | | | | | | | | | |
| | Initan | 1. | | | | | | | | | |
| | Lacaron | | | | | | 2.5 | | | | |
| | Lambayagan | | | | | | | | | | |
| | Luyang | | | | | | | | | | |
| | Nagdayao | | | | | | | | | | |
| | Odiong | | | | | | | | | | |
| | Panlagangan | | | | | | | | | | |
| | Pasong | | | | | | | | | | |
| | Solong | | | | | | | | | | |
| | Tabong-tabong | | 1 | | | | | | | | Ī |
| | Tigbalua I | | | | | | | | | | |
| *** | Tigbalua II | | | | | | | | | | |
| | Tula-tula | | | | | | | | | - | |
| | Villafont | | | | | | | - | | | |
| Tibiao | Castillo | | | | | | | | | | |
| | Esparagoza | | | | | | | | | | |
| | Importante | | | | | | | | | | |
| | La Paz | | | | | | | | | | |
| | Martinez | | | | | | | | | | |
| | Natividad | | | | | | | | | | |
| - | Pitac | | | | | | | | | | |
| | San Francisco Norte | | | | | | | | | | |
| - | Santa Ana | | | | | | | | | | |
| | Santa Justa | | | | | | | | | | |
| | Tigbaboy | | | | | | | | | | |
| - | Tuno | | | | | | | | | | |
| Tobias Fornier | Abaca WS | | | | | | | | | | |
| | Atiotes WS | | | | | | | | | | |
| | Balloscas WSS | | | | | | | | | | |
| | Barasanan A WSS | | | | | | | | | | |
| | Barasanan B WWS | | | | | | , | | | | |
| | | | | | | | | | | | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd) Sheet 6 of 6

| | | | | Dilliage | | | | | Revenue | | |
|---------------------------------|--|--|-----------------------------|----------------------------------|--|-------------------|--|--|-----------------------------|-----------------------|-------|
| | <i>i</i> | | | Danings | | | | • | Don't have | | |
| Name of Municipality | Name of Operating Body | Annual Billing | Public Faucet Consume | House Connection Consumers | Expected Subsidies | Others | Annual Income | rayment by Public Faucet Consumers | Fayment by House Connection | Subsidies | Other |
| | | (Number) | | | |) | (P '000.00 / y | / year) | | | |
| Tobias Fornier | Barasanan C WWS | | | | | | | | | | |
| | Bariri WWS | | | | | | | | | | |
| | Camandagan WS | | | | | | | | | | |
| | Cato-ogan WWS | | | | | | | | | | |
| | Diclum WS | | | | | | | | | | |
| | Fatima WS | | | | | | | | | | |
| | Gamad WS | | | | | | | | | | |
| | Igbangcal-A WS | | | | | | | | | | |
| | Igbangcal-B WS | | | | | | | | | | |
| | Igbangcal-C WWS | | | | | | | | | | |
| | Igcadac WWS | | | | | | | | | | |
| | Igcado WS | | | | | | | | | | |
| | Igeastead WS | | | | | | | | | | |
| | Lawigan | | | | | | | | | | |
| | Manaling WS | | | | | | | | | | |
| | Nagsubuan WS | | | | | | | | | | |
| | Nasuli-A WWS | | | | | | | | | | |
| | Opsan WSS | | - | | | | | | | | |
| | Paciencia WS | | | : | | | | | | | |
| | Sto. Tomas WS | | | | | | | | | | |
| | Ysulat WWS | | | | | | - | | | | |
| Valderama | Alon Spring Dev. | | | | | | | | | | |
| | Bakiang Spring Dev. | | | | | | | | | | |
| | Binanongan WS | | | | | | | | | | |
| | Borocboroc Spring Dev | ev | | | | | | | | | |
| | Bugnay Spring Dev. | | | | | | | | | | |
| | Buluangan 1 | : | *** | | | | | | | | |
| | Buluangan 1 (LGU) | | | | | | | | | | |
| | | | | | | | | | | | |
| | Bunsod | | | | | | 27.54 | | | | |
| The second second second second | Bun, Brgy, Bugnay | | | | | | | | | | |
| | Busog | | | | | | | | | | |
| | Cananghan | | | | | | | | | | |
| | Caninavan | | | | - | | | | | | |
| | And the second s | The state of the s | Carried Company | | The second secon | The second second | Charles and the Control of the Contr | | | Attacher and a second | |

Table 4.1.2 Details on Existing Level II Systems (Cont'd)
Sheet 6 of 6

| | | | | Billings | | | | - | Revenues | | |
|-------------------------|---------------------------|-------------------|-----------------------------|----------|-----------------------|--------|-------------------|---|-----------------------------------|-----------|-------|
| Name of Municipality | Name of Operating Body | Annual Billing | Public Faucet Consume | 5 °C | Expected Subsidies | Others | Annual Income | Annual Public Faucet House Subsidies Consumers Connection | Payment by House Connection | Subsidies | Other |
| | | (Number) | | | | Ì | P '000.00 / year) | vear) | | | |
| Valderama | Cansilayan | | | | | | | | | | |
| | Culyat | | | | | | | | | | |
| | Iglinab Spring Dev. | | , | - 36 | | | 2.52 | | 36 | 7 | |
| | Igmasandig | 2 | | | | | | | | | |
| | Cublub | | ÷. | | | | | | | | |
| | Pandanan | | ŕ | | | | | | | | |
| | San Agustin | | | | | | | | | | |
| | Tigmamale | | | . V | | | | | , | | |
| | Ubos-takas WWS | | | | | | 82 | | | | |