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## 6.1 COWD Annual Report 2013 (Extract Version)



## CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

## **ANNUAL REPORT**

## For the Period from JANUARY 1 to DECEMBER 31, 2013

## I. GENERAL

## A. ADMINISTRATIVE

20.0		
1.	Attach approved organization charts in effect as of report year's end.  a. Functional Chart – showing unit board functions.	See Table-2.2.1
	<ul> <li>Position/Organizational Chart (key employees only) – showing permanent positions and incumbents</li> </ul>	See Fig-2.2.1  Annex B
2.	Attach list of employed personnel with pertinent information.  (Annex C-List of Plantilla of Personnel for the Fiscal Year 2013)	Omission Annex C
	The following summarizes the District's staffing	
	a. Total number of employees/laborers	430
	b. Number of permanent employees	300
	c. Number of casual/temporary employees/laborers	130
	<ul> <li>d. Number of employees meeting minimum qualifications per job description adopted by the District</li> </ul>	300
	<ul> <li>Number of employees not classified as casual/temporary who do not meet the minimum qualifications established by the District</li> </ul>	None
3.	Has the District adopted a policy prohibiting hiring of personnel related up to the <i>fourth degree</i> by affinity or consangulaity?	
	(Yes or No)	Yes, CSC Rules
	If not, how many of the employees are related to other employees or officials within the fourth degree by <i>affinity</i> or <i>consanguinity</i> ?	
4.		
	(Yes or No)	Yes
	a. Personnel matters	Yes
	b. Utility customers relations	Yes
	c. General utility operations	Yes
	During the year, in how many instances (or how many times) have exemption to these rules and regulations has been in special cases?	None
5.	Attach list of policy – setting resolutions adopted, repealed or amended by the District Board including those adopting LWUA guidelines.  (Annex D-Summary of Policy-Setting Resolutions)	Omission Annex D
6.	Has the District written and properly updated, reliable records of the following? (A field check may be undertaken, if necessary) Yes or No	
	a. Customer complaints	Yes
	b. Billing and collection	Yes
	c. Delinquencies in payment of water bills	Yes
	d. Meter histories	Yes
8	e. Service connections	Yes
	f. Equipment histories	Yes
	g. Equipment downtime	Yes
	h. Bacteriological tests	Yes
	n. bacteriological tests	1E3
	i. System pressure	Yes

		k. Unaccounted for water	Yes
		I. Pump efficiencies	Yes
		m. Water production	Yes
		n. Water consumption	Yes
		o. Valve and pipeline location	Yes
		p. General accounting	Yes
		q. Stock inventory	Yes
		r. Stores usage	Yes
		s. Employees record	Yes, 201 Files
		t. Minutes of the Board meetings	Yes
	7.	For this year, Auditing has been done by the Commission on Audit.	Yes
	8.	Attach list of reports being prepared regularly by the District on a monthly basis as required in the <i>Commercial Practice Manual</i> . (Omit this item if the District has not yet installed the commercial practices system in which case, indicate that the said system has not been installed yet.  (Annex E-List of Reports Prepared Regularly)	
B.	FINA	NCIAL/COMMERCIAL	
	1.	Attach the District's financial statements for the report year including a comparison of the immediate past year. (See Annexes F, F-1 to F12	Omission partly Annexes
		Financial Reports)	F-1 to F-12
	2.	For the year under report, the District's total budgetary outlay was	and the second
		broken down into: (Source: Approved Budget)	798,981,900.00
		a. Operating outlay (original budget)	536,945,693.00
		b. Capital Outlay (original budget)	116,854,267.00
		c. Special budgets, if any (additional budgets) – Contingency	1,500,000.00
		d. Debt Service	138,051,204.00
		e. Reserve	5,630,736.00
	3.	For this same <i>one-year</i> period, the District's Gross Revenue was	
		broken down into: (Source: Financial Report)	709,283,166.19
		a. Collection from water sales	668,894,930.01
		b. Other water revenues	35,901,558.28
		c. Other non-operating income	4,486,677.90
		d. Proceeds of LWUA loan to finance new service connections	None
	4.	For this same <i>one-year</i> period, the District's expenditure was broken down into: (Source: Financial Report)	P 1,083,205,374.38
		Operational (operation & maintenance expenses, including Depreciation of 69,137,043.07)	564,705,782.55
		b. Capital Outlay	15,123,167.92
		c. Annual debt servicing (Annex G-Summary of Loan Payments-LWUA and DBP)	503,376,423.91
	5.	For this same <i>one-year</i> period, the total salaries, wages & other emoluments paid for the District's employees were broken down into:	P 101,414,300.41
		a. For permanent employees	80,315,619.53
		b. For casual/temporary	21,098,680.88
	6.	Expenses for power/fuel for pumping during the year (Acct. #726, if Commercial Practices Accts. are in effect):	P 100,086,559.61

7.	Total amount billed during the year is broken down into:	
	a. Total Billings (Current and Old Accounts)	667,912,246.65
	b. Old Accounts	
		10/10 - 100/07 BCS-000 - N
8.	Total amount collected (water sales only during the year) was	
	broken down into: (FOH)	693,960,035.39
	a. Current billings	385,837,660.68
	b. Old Accounts-Arrears	308,122,374.71
9.	Total amount <i>uncollected</i> (delinquent) at year's end <i>excluding</i> Bad Debts. (Source: COWD Year-End Water Sales Report)	165,987,437.12
10.	Total reserves at year's end. (LBP-Gen. Reserve & DBP-Reserve Fund)	11,081,104.04
11.		
######################################	a. Total number filed, processed and settled during the year	22,089
	b. Number dismissed for lack of merit/withdrawn	
	c. Number investigated	22,089
	d. Number settled to the satisfaction of complaints	16,944
	e. Number elevated to the district Board	None
	f. Number settled by the Board	None
	g. Number elevated to the higher authorities	None
12.	At year's end, the following water rate charges were in force: (Annex H-Water Rates Schedule)	See Table-2.2.9&10 Annex H
25	Had these rates been submitted to LWUA for review? (Yes or No)	Yes

13. Every water district would want to know what its water users think of their water system and the quality of their services in order that it could do what is best to insure maximum satisfaction for its customers. During the year, the district conducted a random survey covering 300 water users (not less than 40), and herewith is the result of such survey:

QUESTIONS	NO. OF CU REPL	
	YES	NO
Do you receive 24-hours water service?	209	91
Is your water pressure usually adequate?	206	94
Does your water taste good?	231	69
4. Do you have confidence that the water is safe?	231	69
5. Are you satisfied with the water service?	231	69

## N = 300

## C. TECHNICAL

 Has the district adopted by Board resolutions, a set of design and construction standard? (*Yes* or *No*).
 If so, who prepared it?
 Is it being adhered to strictly?

2.	Does the district undertake bacteriological test of its water? Yes or No) How often are these tests made per year?
	Is LWUA being furnished copies of these test reports? (Yes or No)
	For the report year, how many such reports were submitted to LWUA?

3. State the method of water treatment employed by the district, if any

	Yes
	LWUA & COWD
	Yes
	Yes
ATRIANCE	Monthly
	Yes
	12
	Disinfection & Chlorination

	4.	Does the district undertake regular pump efficiency tests? ( <i>Yes</i> or <i>No</i> )	Yes 28
		How many of these pumps does the district have in its system?	
		How many of these pumps are operational?	26
		Attach list of pumps now in operation. (Annex I—Pump in Operation: Efficiency Test)	Omission Annex I
			1) 3
D.	UPI	ERATIONAL	33
	1.	Total water production during the year in cubic meters.	- V
		Annex J—Summary of Water Production and Consumption)	57,156,233
100		Total water billed in cubic meters	25,362,677
		Average per capita consumption in lpd	122 lpd
	2.	Attach list of COWD Water Sources (Annex K-COWD Water	
		Sources)	Annex K
	3.	Is the District provided with measuring devices to measure	***
		their water production? (Yes or No)	Yes
		If yes, what type? Orifice plate, meter propeller type and Venturi type & flow meters	Orifice plate & electromagnetic flow meter
		If <i>not</i> , how do you measure productions?	
	4.	As of year's end, the district has the following existing service connection and related information. (Annex L—Service Connection Growth)	Annex L
		a. Total number of existing connections (Active & Inactive Conrn.)	116,188
		b. Number of active connections	83,016
8		c. Number of metered connections	83,016
		1. With functioning meters	83,016
		2. With non-functioning meters	-
		d. Numbers of <i>flat</i> rate connections	None
		e. Number of connections (customers) regularly billed	83,016
		f. Number of delinquent customers ( <b>Annex Q</b> - Aging of Accounts Receivable—Active Connections as of December 31, 2013)	36,008
	ii.	Average number of customers per connection (HH)	7
	3114	, , , , , , , , , , , , , , , , , , ,	
	5.	Estimated population of district service area	710,020
		Estimated population served by utility whether fully or partially	581,112
	6.	Because of inadequate facilities, the <i>district</i> had to provide partial service in accordance with the following average length of time each 24-hours day:	No. of Connections
	56(1)	a. Less than 6 hours service	None
		b. 7-12 hours service	None
		c. 13-18 hours service	None
		d. 19-24 hours service (Note: You may vary the number of hours as may be	83,016
		necessary to suit actual conditions)	
	7.	Attach list of all major equipment and machinery (with an initial cost of at least P10, 000.00 including pertinent information.	■ CILL COAPPRISON ■ ■
		(Annex M-List of Major Equipments)	Annex M

8.	Does the District keep written record of requests for service? (Yes or No)	Yes
	a.Does the record show the date when such requests were made and the nature of the service requested? (Yes or No)	Yes
	b. On the average, how long (in days) does it take the District to respond and attend to such requests?	1 to 4 days
	c. How many such reports were received during the year?	22,089
	d. How many these reports were attended to during the year?	16,944

Submitted by:

RACHEL M. BEJ General Manager



## CAGAYAN DE ORO CITY WATER DISTRICT

Location: Corrales Avenue, Cagayan de Oro City

## II. PROFILE

## 1.) THE WATER DISTRICT & ITS PHYSICAL SYSTEM'S FACILITIES A. ORGANIZATION Age (months) as of 12/31/12. 473 1. Date Formed: August 1, 1973 2. Date CCC Issued: January 4, 1974 CCC No. 001 3. Date Advisory Service Started: 1975 4. Personnel: (include 127 casual employees) 430 Adequate & Comments: (Adequacy, qualification, performance & others) qualified **B. EXISTING SYSTEM'S FACILITIES** 1. Service: 48,885.83 Person/Ha. 1.1 Service Area: 10 1.2 Population of service area 581,112 83,016 1.3 No. of Households (1.2/1.4) 7 1.4 No. of Persons/Households 1.5 Service Time (hrs./day) 24 hours/day 2. Structure and Equipment: 2.1 Administration Building Office Area 2,052 sq. meters Annex M (Annex M-List of Major Equipments) Office Equipment: N/A 2.2 If rented, how much per month? Surface Water, 2.3 Type of water source Spring & Deep Wells Rated Capacity per day (cu.m./day) 176,342.67

## 2.4 Reservoir (description, built, dimension and capacity)

5,303	cu.m.	Each concrete reservoir @Carmen & Camaman-an
95	cu.m.	Each steel tank reservoir @ Aluba Subdivision
170	cu.m.	Elevated concrete reservoir @ Gaston Park Poblacion (non-operational)
443	cu.m.	Concrete reservoir @ Bantiles, Bugo (non-operational)
2,900	cu.m.	Concrete reservoir @ Bulua
2,100	cu.m.	Concrete reservoir @ Tablon
4,000	cu.m.	Concrete reservoir @ Puerto Heights
	95 170 443 2,900 2,100	95 cu.m. 170 cu.m. 443 cu.m. 2,900 cu.m. 2,100 cu.m.

## 2.5 Water Sources (Annex K-COWD Water Sources)

Water Sources		je*(as of , 2013)	Actual, YTD
	(lps)	(gpm)	(in cu.m.)
a. Deep Well Source (26)	1,460	23,135	4
b. Spring Source (1)	2	30	-
Total Wells & Spring	1,462	23,165	42,375,733
Booster Pumps (16)	659	10,499	
BWSP ( 1 Bulk Water)			14,780,500

## 2.6 Transmission Piping System maintained (size, make. length) (Annex N-Summary of Pipelines)

Annex N

Size	ė	Make	Maintained	Unit	Unit Size		Make	Maintained	Unit
50mm	2″9	uPVC	13,159	lm	150mm	6″B	Steel	28,503	lm.
50mm	2″7	GI	499	lm	150mm	6″I	ACP	2,280	lm.
50mm	2″//	BI	405	lm	150mm	6"A	CCI	998	lm.
50mm	2"9	PE	65,622	lm	150mm	6"1	CI/BI	198	lm.
63mm	2.5″ Ø	PE	3,055	lm •	200mm	8″Ø	uPVC	23,224	lm.
63mm	2.5″ Ø	GI	660	lm •	200mm	8″∏	Steel	4,760	lm.
75mm	3″∅	uPVC	58,188	lm	200mm	8"0	CCI	2,322	lm.
75mm	3″፱	ACP	5,422	lm	200mm	8"1	BI	20	lm
75mm	3″∅	GI	96	lm	250mm	10″I	Steel	10,842	lm.
75mm	3″∄	CI	120	lm	250mm	10″8	uPVC	3,747	lm
100mm	4"8	uPVC	108,273	lm	300mm	12″⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄⁄	Steel	62.906	lm
100mm	4"0	Steel	5,072	lm	350mm	14"0	Steel	2,531	lm.
100mm	4"8	ACP	6,048	lm	400mm	16″2	Steel	29,586	lm
100mm	4"0	CCI	320	lm	500mm	20″II	Steel	5,687	lm
100mm	4"E	GI	75	lm	600mm	24″1	Steel	14,960	lm.
100mm	4"1	CI/BI	363	lm	800mm	30″Ø	Steel	2,638	im
150mm	6″I	uPVC	81,239	lm	20010-20-00-00-0		-40	A-154 - 11 - 12 - 12 - 12 - 12 - 12 - 12 - 1	
					Total Mai	ntained		543,817	

## 2.7 Service Connections:

Туре	Flat	Metered	Total
Domestic/Government	N/A	77,205	75,782
Commercial/Industrial	N/A	5,811	5,811
Wholesale/Bulk	N/A	N/A	N/A
TOTAL	N/A	83,016	83,016

## 2.8 Production:

	Average Monthly Production (cu.m.)	
	a. Booster/Pumping Stations (cu.m.)	3,531,311
	b. Bulk Water Supply (cu.m.)	1,231,708
W	Production Efficiency % (average/month) (Total Water Utilized)/(Total Production)	89.05%
	Unaccounted for Water-NRW% (average/mo.)	54.03%
		8
2.) <u>Cl</u>	JRRENT OPERATION/FINANCIAL HIGHLIGHTS:	See Table-2.2.9&10
A.	Existing Water Rates: (Annex H-Water Rates Schedul	
B.	Operating Income/Expense:	
	Average Water Sales (average/mo.)	P 57,904,853.32
V.	Average Collection (average/mo.)	₽ 58,563,760.82
gs.	Average Expenses-O & M for the year (average/mo.)	P 1,297,394.96
C.	Financial Highlights (rate & status)	
	Current Ratio = Current Assets	3.14:1.00
	Current Liabilities	32
	Long Term Debt/Equity Ratio	0.62:0.38
	Monthly Billing (average/mo.)	P 55,659,353.88

## 3.) COMMUNITY ECONOMIC PROFILE:

A. Total Population (covered by the Water District)

710,020

75.15%

B. Income Levels in the area: (based on Reg. 10-NSO data 2009)

Collection Efficiency—% of On-Time Payment (YTD)

Northern Mindanao	No. of	Income		Expenditure		
	Families (thousand)	Total (million)	Average (thousand)	Total (millions)	Average (thousand)	
All Income Class	839	138,259	165	16,690	139.08	
Under 40,000	71	2,128	30	2,324	32.28	
40,000- 59,999	123	6,181	. 50	6,376	51.42	
60,000- 99,999	229	17,868	78	17,516	76.82	
100,000-249,999	274	41,810	151	37,984	137.62	
250,00 0 and Over	143	70,271	485	52,490	362.00	

C.	Major Source of Income	Salary & Wages
D.	Average Monthly Bills: (per customer)	
	1. Water bill:	P 81.87
	Electric bill: (per customer in pesos)     a. Residential	P 1,312.00
	b. Commercial	8,050.00
	c. Industrial	305,341.00
	d. Bulk Power	9,306,100.00
	e. Streetlights	32,892.00

E. Wages Paid (per month) to:		
1. Common Laborer	P	8,272.00
2. Carpenter		10,401.00
3. Truck Driver		11,181.00
4. Plumber	-	11,181.00
F. City/Municipal Revenue (P2.212,640,226.11 in 2013), per person	p	3,116.31
G. Average rate of mortality per 100,000 population due to waterbome diseases (e.g. diarrhea) based from 2012 data		1.71
H. Average rate of morbidity per 100,000 population due to waterborne diseases (e.g. diarrhea)	1	59.04
I. Major Agricultural, Industrial and Commercial activities: Rice, corn, vegetables, mango, food processing, HB concrete products, corramics, furniture, cottage industries	lay pro	ducts,

## 4.) OTHER INFORMATION:

- The District has been paying the Rio Verde Water Consolidated Consortium Inc.
  (RVWCI) for 40,000 cubic meters of bulk water a day with a constant flow rate of
  1,667 cubic meters per hour and a minimum pressure of 20 psi at the
  designated take-off point located at the intersection of Airport Road and South Diversion
  Road, Cagayan de Oro City.
- The District has served 562,056 linear meters of pipelines ranging from 50mm9 to 800mm9 and maintained around 543,817 linear meters of pipelines with the balance still not turned-over by some subdivision developers/owners. (Annex N– Summary of Pipelines 2013)
- The District has implemented the Meter Clustering System to help alleviate water pilferage.
- 4. The District has installed **eleven** (11) **GSM monitoring device**, six (6) in the *Eastern* area and one (5) in the *Western* area.
- The District has regularly monitored the Residual Chlorine in various strategic points of its water supply system. (Annex O-Summary of Bacteriological Analysis 2013)
- The District has maintained its established safety programs and standard operating procedure.
- 7. The COWD has continued extending technical and financial assistance to its neighboring water districts. Also, the District has continued extending free technical assistance and services to subdivisions and rural barangays.
- The District has continued implementing the 50% discount for water bill of Accredited Senior Citizens Center and Accredited Residential/Group Homes and the 5% discount for water bill of Senior Citizens.

9. The District has a new set of **Board of Directors for 2013–2014** as follows: (B.R. No. 001, s-2013 dated January 04, 2013).

Chairman

MR. RUBEN A. VEGAFRIA

Vice Chairman

MR. SOC ANTHONY M. DEL ROSARIO
ATTY. EMMANUEL A. GAABUCAYAN

Secretary

: ATTY. EMMANUEL A. GAA : MR. SANDY R. BASS JR.

Members : MR

MR. JOEL A. BALDELOVAR

- 10. The District has revised the framework for the re-categorization of the Cagayan de Oro City Water District in consonance with its structure as Category "A" by the Local Water Utilities Administration (LWUA) amending Resolution No. 038, s-2013 dated April 18, 2013. (B.R. No. 67, s-2013 dated August 1, 2013).
- 11. The District has approved the 2013 Budget and Plantilla of Personnel of the Cagayan de Oro City Water District for calendar year 2013 with a total Utility Operating Expense and Revenue of Seven Hundred Ninety Eight Million Nine Hundred Eighty-One Thousand and Nine Hundred Pesos (P798,981,900.00) (B.R. No. 14, s-2013 dated March 07, 2013).
- 12. The District has managed well its **Provident Fund (PF)** and has benefited many qualified personnel through its *Salary* Loan, *Educational* Loan, *Emergency* Loan, *All-Purpose* Loan, *Small* Loan and other types of loans with an interest (8%) and service charge of 1% (PF Board Res. No. 85, s-2012).

Type of	Year					
PROVIDENT FUND LOANS	2013	2012	2011	2010	2009	
All-Purpose Loan	219	200	232	194	196	
Dividend Loan	165	153	166	367	214	
Educational Loan				-	-	
Emergency/Hospitalization Loan	77	63	53	28	33	
Employee's Cont. Loan	12	146	5	4	187	
Salary Loan	71	68	76	33	36	
Small Loan (Consol)	744	678	684	739	495	
Special Aid/Small Loan	579	424	516	355	339	
Water Bill Loan	42	50	21	80	-	
Memorial	-	-	1		-	
Special Legal Aid	_	-	1	<u> </u>	41	
Calamity Loan		167	42	-	-	
TOTAL	1,909	1,949	1,797	1,800	1,500	

Note: The **total assets** of PF as of 2013 – P <u>116,911,408.99</u>

- 13. The District has approved the Annual Gender and Development Plan and Budget for Calendar Year 2013 of Thirty Nine Million Six Hundred Sixty Five Thousand One Hundred One Hundred Seventeen Pesos (P39,665,117.00) in compliance with Republic Act 9710 (B.R. No. 39, s-2013 dated April 18, 2013).
- 14. The District has renewed the Collective Negotiation Agreement of the First Labor Organization of the Cagayan de Oro City Water District (FLOW). (B.R. No. 94, s-2013 dated November 11, 2013).
- 15. The District has adopted the Strategic Performance Management System (SPMS) of the Cagayan de Oro City Water District for submission and approval by the Civil Service Commission (CSC). (B.R. No. 66, s-2013 dated August 1, 2013).

- 16. The District has appropriated enough funds to support its **Public Relations Program** and has extensively used the *print* and *broadcast media* for disseminating information on drives, projects and emergencies. The District has also continued its *information drive* and *seminars* for its would-be concessionaires.
- 17. The District has religiously paid the *principal* and *interest* of its Comprehensive Loan to LWUA, and has financed new *service connections*, new *pipeline extensions* and other construction of the *system's facilities* as part of its capital improvement.
- 18. The District has authorized the General Manager, Rachel M. Beja, to negotiate and enter into agreement and sign loan documents with the **Development Bank of the Philippines** (DBP) under the terms and conditions to **refinance outstanding loans with LWUA** amounted to **P376,375,905.00** (B.R. No. 007, s-2013 dated February 04, 2013).
- 19. The District has approved the Merchant Agreement between Development Bank of the Philippines (DBP) and Cagayan de Oro City Water District (COWD) for the provision of its banking services with installation of Point-Of-Sale (POS) Terminals and Internet Payment Gateway (IPG) (B.R. No. 49, s-2013 dated May 15, 2013).
- The District has adopted the Unsolicited Joint Venture as the mode of contracting partnership for our proposed Non-Revenue Water (NRW) Management Project (B.R. No. 32, s-2013 dated April 2, 2013).
- 21. The District has authorized the General Manager, Rachel M. Beja to sign the amendments in the Memorandum of Understanding between Japan International Cooperation Agency (JICA) and the Government of the Republic of the Philippines on "The Rehabilitation Project for Cagayan de Oro City Water District's Facilities Damaged by Typhoon Sendong" for and in behalf of COWD. (B.R. No. 51, s-2013 dated May 15, 2013):
- 22. The District has approved to install Water Supply System at Villa Flora Subdivision in Cugman, this city, with estimated project cost of P1,683,597.00 charged to the P6 Million Fund. Provided that the lot acquisition for sump and reservoir location and the donation of the same to COWD shall be executed by Villa Flora Subdivision or the City Government of Cagayan de Oro prior to the implementation of the project. (B.R. No. 23, s-2013 dated March 18, 2013).
- 23. The District has approved the following **Memorandum of Understanding** (MOU) and authorized General Manager Rachel M. Beja to sign the said MOU for and in behalf of COWD, as follows:

Agreed Party	Particulars	Board Res. No./Date
Mr. Noel A. Tan, Vice President for Operations, Liberty Land Corporation	Proposed water supply system at Phase 4 & 5, Bloomingdale Subd., Bulao, Iponan	B.R. No. 11, s-2013 dated Feb. 11, 2013
Mr. Noel A. Tan, Vice President for Operations, Liberty Land Corporation	Proposed water supply system at Phase 1,2,& 3, Bloomingdale Subd., Bulao, Iponan	B.R. No. 27, s-2013 dated Mar. 18, 2013

Agreed Party	Particulars	Board Res. No./Date		
Mr. Frederick D. Go, President & COO, Robinsons Land Corporation	Proposed turn-over of water supply system at Richmond Hills Subd., Camaman-an	B.R. No. 72, s-2013 dated Aug. 12, 2013		
Phoenix Philippines Foundation (PPF)	Phoenix Philippines Foundation (PPF)	B.R. No. 95, s-2013 dated Nov. 11, 2013		

Source: Summary of Policy Setting Resolutions 2013.

- 24. The District has accepted the **Deed of Absolute Donation** between **Liberty Land Corporation** represented by its Vice—President for Operations, Mr. Noel A. Tan and COWD for the proposed Water Supply System at **Phase 1, 2, 4 & 5** of **Bloomingdale Subdivision** located at Bulao, Iponan, Cagayan de Oro City. (B.R. No. 28, s-2013 dated March 18, 2013).
- 25. The District has approved the Memorandum of Agreement, Memorandum of Understanding and the Deed of Absolute Donation of Water Supply System with Johndorf Development Corporation represented by its President, Mr. Richard D. Lim, and to authorize General Manager, Engr. Rachel M. Beja to sign the same for and in behalf of COWD. (B.R. No. 43, s-2013 dated April 18, 2013).
- 26. The District has approved the following Memorandum of Agreement (MOA) and authorized General Manager Rachel M. Beja to sign the said MOA for and in behalf of COWD, as follows:

Agreed Party	Particulars	Board Res. No./Date
Sabal Hospital, Inc.	Services and facilities of work  -related injuries	B.R. No. 26, s-2013 dated Mar. 18, 2013
San Vicente Village	Revised water supply connection at Purok 3, Casinglot, Tagoloan	B.R. No. 42, s-2013 dated Apr. 18, 2013
Dr. Alfonso C. de Fierro, Jr., Provicial Head, Gawad Kalinga Development Foundation, Inc.	Gawad Kalinga Development Foundation, Inc	B.R. No. 71, s-2013 dated Aug. 12, 2013
Jaime Joshua A. Frias II, Chairman, Barangay 23	Pipeline extension with one (1) meter stub-out at Zone 5, Barangay 23	B.R. No. 77, s-2013 dated Sept. 4, 2013
Hazel G. Padero, Acting Branch Manager, Development Bank of the Philippines (DBP) - Capistrano Branch	Deposit pick-up arrangement at Macasandig Office	B.R. No. 81, s-2013 dated Sept. 13, 2013
Atty. Chito M. Cruz, Acting General Manager, National Housing Authority (NHA)	Development of water source with Overhead Steel Tank at NHA-CDO Bayanihan Village Phase I	B.R. No. 100, s-2013 dated Dec. 9, 2013

Agreed Party	Particulars	Board Res. No./Date		
Japan International Cooperation Agency (JICA)	Special Assistance for Project Sustainability (SAPS) for Provincial Cities Water Supply Project Phase III	B.R. No. 108, s-2013 dated Dec. 18, 2013		
Mr. Victor S. Uy	Cinderella Homes Subdivision	B.R. No. 109, s-2013 dated Dec. 18, 2013		
Mr. Lino B. Rabanes	Just compensation of pipe right-of-way subject to agreed terms and conditions of both parties	B.R. No. 111, s- 2013, dated Dec. 18, 2013		

Source: Summary of Policy - Setting Resolutions 2013.

Prepared by:

VIRGINIA J. DIAZ Senior Research Analyst A

Checked by:

SULDIE D. LARANJO Manager, Corp. Planning Division Recommending Approval:

Manager, Mgmt. Services Dept.

Approved by:

General Manager

## FINANCIAL REPORT

December 31, 2013

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PREPARED BY:

MERIAM C. AMPER
Division Manager C-Accounting Division

CHECKED BY:

ADELVA L. FLORES

Division Manager C-Budget Division

APPROVED BY:

ELVA A UBAY-UBAY Finance Manager

ENGR. RACHEL M. BEJA General Manager

## CAGAYAN DE ORO CITY WATER DISTRICT FINANCIAL AND OPERATING HIGHLIGHTS (For the Month Period Ended December 31, 2013)

	(For the Month Peri	iod Ended Decemb	er 31, 2013)	WELD TO DATE			
	CUR	RENT MON	NTH.	YEA	R TO DATE	OVER (UNDER)	
	ACTUAL	BUDGET	OVER (UNDER) BUDGET	ACTUAL	BUDGET	BUDGET .	
6.13.6							
FINANCIAL OPERATING HIGHLIGHTS					795,933,900	(91,137,411.71)	
	62,996,408.90	73,250,935	(10,254,526,10)	704,796,488.28	610.387.726	45,691,943,45	
Operating Revenues	59,906,159.74	50,849,816	(9,056,343.74)	584,705,782.55	185,536,174	(45,445,468.26)	
Operating Expenses	3,090,249.16	22,401,119	(19,310,869,84)	140,090,705.74	(94,937,301)	13,834,176,96	
Utility Operating Income	(5,550,419.15)	(7,756,842).	2,206,422.85	(81,103,124.04)	90,598,873	(31,611,291.30)	
Net Other Income/(Deductions)	(2,460,169.99)	14,644,277	(17,104,446.99)	58,987,581.70	20,020,010	(01,011,101,00)	
Net Income/(Loss)	7.50% - 100 - 1-00 - 100			EN THE CONTRACT	ia.	(0.07)	
Amount per cubic meter bified:	12,49	15	2.20	12.33	13	(0,97)	
Operating Revenues	11.88	10	(1.68)	9,88	10	(0.65)	
Operating Expenses	0.61	4	(3.88)	2.45	3.	2.122.503.5	
Utility Operating Income	(0.49)	2.94	(3.42)	1.03	1.51	(0.48)	
Net Income/(Loss)	(0,70)	A15.33	\$ 15.50 C	THE PROPERTY WHILE BY IN AND REPORTED		(40 000 070 07)	
	(9,548,420,21)	10,382,211	(19,930,631.21)	(33,980,425.87)	7,008,454	(40,988,879.87)	
Net Cash Increase (Decrease).	(69,626,698,52)	11,010,756	(80,637,454.52)	69,677,351.62	46,996,577	22,680,774,62	
Net Funds inflow (Outflow)	8,203,822.30	9,553,658	1,349,835.70	101,414,300,41	114,643,896	13,229,595.59	
Debits to Payroll Clearing Account	0,200,022.00	.,	1 Adja 100-100-100-100-100-100-100-100-100-100				
FINANCIAL CONDITION		5	V = (1-1 (N-1) (N)		116,854,268	110.157,691,32	
S. Trut & Jellines	(45,877,549.96)	9,737,852.00	55,615,401.96	6,696,576.68	110,034,200	170,101,001.02	
Gross Plant Additions			77 - 28 W.			1,151,030,083,49	
Gross Plant Ratirements	1,151,030,083.49	•	1,151,030,083,49	1,151,030,083.49		(807,743,068.47)	
Total Utility Plant (Net of Depreciation)	(807,743,068.47)	•	(807,743,068,47)	(807,743,068,47)		102,458,871.82	
Accumulated Depreciation	102,458,871.82	#	102,458,871.82	102,458,871.82		465,724,011.12	
Paid-in Capital	485,724,011,12	-	465,724,011.12	465,724,011.12	•	144,094.00	
Retained Earnings - Unappropriated	. 144,094.00	. •	144,094.00	144,094.00	100	881 18322	
- Appropriated	28.265,234.04	-	28,265,234.04	28,265,234.04	•	28,265,234.04	
Appraisal Capital	596,592,210.98		596,592,210.98	596,592,210.98		596,592,210.98	
Total Capital	777,871,393.98	W.2	777,871,393.98	777,871,393,98	•	777,871,393,98	
Long Term Debl .	177,077,000,00	244				00000000	
Periodical Long Term Debt Regulrements (Principal & Interest);	38,381.00	38,381	-	460,572.00	460,572	0.00	
Due next month of Phase II-A Project-Production Wells	460,572.00	460,572		460,572.00	460,572	0.00	
Due within next 12 months of Phase II-A Project-Production Wells		1.031,067	(40)	11,732,359.00	12,372,804	0.00	
Due next month of Phase I-B Schedule A. B.& C Projects	1,031,067.00	12,372,804		12,372,804.00	12,372,804	0.00	
Due within next 12 months of Phase 8-8 Schedule A, 8 & C Projects	12,372,804.00	242,597	11	13.550,874,00	13,550,874	0.00	
Due next month of Phase III Project (620.12816)	242,597.00			2.911.164.00	2,911,184	0.00	
Due within next 12 months of Phase # Project (520.129M)	2,911,164.00	2,911,164	490,843.25	93,689,301.87	96,603,696	490,843,25	
Due next month of DBP Refinanced Loan	9,414,849.75	9,905,693	480,043.20	65,713,615.00	65,713,815	0,00	
Due within next 12 months of DBP Refinanced Lean	65,713,615.00	65,713,615	100	11,717,580.00	11,717,580	0.00	
Due next month of LIVUA 200M loan - Lateral Project	0.00	0	157 157	0.00	0	0.00	
Due within next 12 months of LWUA 200M toan - Lateral Project	0.00		1000 H	987,804.00	987,804	0.00	
Due next month of LWNA-5MHRSpYoungeVie	82,317.00	82,317		987,804.00	987,804	0.00	
Due within next 12 months of LWUA-SMHRSpYoungsVie	967,804.00	987,804	67.58	67.58	7.71	67.58	
Percent of Long Term Debt to Net Utility Plant	67.58		67.58	0:.em,			
Times Long Term Debt requirement due this month covered by				0.29		0.29	
	0.29	2	0.29	U.29	*	0.23	
Utility Operating Income			5000 8 98	0.00 . 0.00		0.62 : 0.38	
Amount in Loan Sinking Fund	0.62 : 0.38	-	0,62 : 0.38	0.62 : 0.38	0 <del>.5</del> 6	( master - 81 co. 2010 )	
Debt / Equity Ratio	3.14 : 1.00		3.14 : 1.00	3.14 ; 1.00	· **	3.14 : 1.00	
	2.1 1.00		- NAMES OF THE PROPERTY OF THE				

						8 0 8 0 8
	ACTUAL	BUDGET	OVER (UNDER) BUDGET	ACTUAL	BUDGET	OVER (UNDER) BUDGET
PRODUCTION BILLINGS & COLLECTIONS	AUTUAL		900001			
Production -						
Cu. M. produced		4 000 000	vice and ans	57,156,233.38	58,833,056	2.676.822.62
For month/year	5,042,287.09	4,886,088 3,748,088	(56,209.09) (40,798.09)	42,375,733,38	44,993,056	2,617,322.62
Production Well	3,786,887.09 1,255,410	1,240,000	(15,410.00)	14,780,500.00	14,840,000	59,500.00
Bulk Water - Rio Verde	162,654,74	160.842	(1,813.20)	187,397.49	196,174	8,776.47
Average daily for month/year Rated Production Capacity for Month/year (in cu.m.)	5,172,400,91	5,865,986	(693,585,09)	61,555,774.54	70,391,832	(8,836,057.46)
% Utilization of Rated Production Capacity	97%	85%	-12%	93%	85%	-8%
Cu. M. billed and accounted for water	2,119,253.54	2,493,044	(373,790.46)	26,457,651.80	32,908,181	(6,450,529.00)
% Unaccounted for Water	57.97%	50%	-8%	53.71%	50%	-4%
Production and Distribution Cost per cum. produced	6.45	5.77	0.68	5.82	5.77	0.05
Water Billings:		Sec				
in Cu.M.	2,059,561,00	2,493,044	(433,483.00)	.26,457,651.80	32,908,181	(6,450,529)
Amount	59,838,446.66	68,324,781	(8,486,334,34)	687,912,246.65	543,474,170	124,438,076.65
Average Consumption per custo	24.81	31	(6.18)	318.71	409	(90.37)
Collections ~				12		
Collection of Water Billings:		e e	21			W 19
For Current month's billings	32,141,463.10	72,517,015	(40,375,551.90)	385,837,660.68	787,126,860	(401,289,199.32)
For Previous month's billings	The state of the s			* **		200 200 240 74
For Delinquent Accounts	24,284,409.55	3,480,001	20,814,408.55	308,122,374.71	41,760,012	266,362,362.71
Percent of Collections of Current Water Bill this month's billings *** NF8 #3 ***	54%	106%	52%	58%	145%	87%
Customer Accounts -	Experience of the second second			010 075 140 05		246,875,118,35
Balances at End of Period	246,875,118.35	•	246,875,118,35	246,875,118,35. 6,777,325,86	5	6,777,325.86
Increase/(Decrease) for the Perl.	6,777,325.86		6,777,325,86 (80,816,940,85)	(80,816,940,85)	· .	(80,816,940.85)
Allowance for Bad Debts at End of Period - Credit	(80,816,940,85) 241,667,00	241,667	(00,010,040,03)	2,900,004.00	2,900,004	(00,010,010,00)
Increase/(Decrease) for the Period  Bad Debts Written Off during the Period	24),607.00	241,001		-,,,		
RSG Debics Adution out could no Earlor		100				
CAPITAL EXPENDITURES:						
COWD CAPEX:	1,772,711.36	9.737,852	7,965,140,64	15,123,167.92	116,854,268	101,731,100.08
Amount Spent - 2013 Capex Total Cost to Complete - 2013 Capex	1,112,111.00	101,731,100.08			101,731,100.08	
2012 Capex paid in 2013	3,464,290.50			53,323,494.60		574
Total Cost 2013 (spent and additional cost to complete)		103,503,811.44			116,854,268.00	
Total Approved Budget					116,854,268.00	
Expected Underrun (Overrun)					•	
Rehab Grant (Sendong):	1,501,537.69			40,667,092,69	53,791,000,00	13,123,907.31
Amount Spent (net cash outflow) Total Cost to Complete	4,00,100,100	13,123,907.31		35 K 9 6 7 30 C C C C C C C C C C C C C C C C C C	13,123,907.31	
Total Cost - Sendong Grant (spent and cost to complete amount)		14,625,445.00			53,791,000.00	
Total Approved Budget					53,791,000.00	
Expected Underrun (Overrun)					•	
OTHER PERTINENT STATISTICS:						
No. of Connections:					-	2000 CO
Total	83,016	80,448	2,570	83,016	80,446	2,570
Increase/(Decrease)	253	0	253	253 83,016	0	253 2,570
Metered	83,016	80,446	2,570	03,016	80,446 0	2,570
Unmetered	0 651,995	482,676	(169,319,00)	651,995	482,676	(169,319.00)
Estimated Population Served	501,990 465	402,010	465	465	0	465
Kilometers of Mains in Use Kilometers of Pipes under Service	483	0	483	483	. D -	483
Total Employees	428	524	(96)	428	524	(OG)
i orai Cii lbrokeed		W. 15.			40	

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## CAGAYAN DE ORO CITY WATER DISTRICT

## BALANCE SHEET

As of December 31, 2013 (With Comparative Figures for the Date Ended December 31, 2012)

	(With Comparative Figures for		THIS MONTH L	AST YEAR	INCREASE /(DECREASE OVER LAST YEAR		
	AMOUNT	% OF TOTAL	AMOUNT .	% OF TOTAL	AMOUNT	% OF LAST YEAR	
ASSETS AND OTHER DEBITS							
UTILITY PLANT							
Utility Plant in Service - UPIS (NFS #2) Utility Plant Held for Future Use Unclassified Utility Plant Construction Work in Progress - CWIP (NFS #3) Machinery and Equipment in Transit	1,925,905,080.96 2,986,731.00 12,146,913.61 17,734,426.40 0.00	124,11 -0.19 -0.78 1.14 -0.00	1,828,550,542,38 3,102,531.00 6,717,003,54 8,482,388,67	122.43 0.21 0.45 0.57 0.00	97,354,538.57 (115,800.00) 5,429,910.07 9,252,037.73	5.32 0.00 0.00 109.07 0.00	
Total Utility Plant	1,958,773,151.96	126.23	1,846,852,465.59	123.66	111,920,686.37	6.06	
Less: Accumulated Provision for Depreciation		-					
and Amortization	(807,743,068.47)	(52.05)	(738,611,374.40)	(49,45)	(69,131,694.07).	9.36	
Net Utility Plant	1,151,030,083.49	74.18	1,108,241,091.19	74.20	42,788,992.30	3.86	
INVESTMENTS AND FUND ACCOUNTS							
Other Physical-Property (NFS 44) Less: Accumulated Provision for Depreciation Net Other Physical Property Investments Sinking Funds Miscellaneous Special Funds	2,607,699.50	0.17	2,607,699.50	0.17	0.00	0.00	
CURRENT ASSETS AND OTHER DEBITS							
Cash (NFS#5)	90,723,136.99	5.85	124,703,562.86	8.35	(33,980,425.87)	(27.25)	
Special Deposits (NFS #6)	48, 192, 695.83	3.11	39,193,986.38	2.62	8,998,709.45	22.96	
Working Funds (NFS 187)	208,000.00	0.01	213,000.00	.0.01	(5,000.00)	(2.35)	
Temporary Investments	22,583,879.00	1.46	0.00	0.00	22,583,879.00	100.00	
Notes Receivable	246,875,118.35	15.91	245,647,101.05	16.45	1,228,017.30	0.50	
Accounts Receivable-Customers (NFS#8) Advances to Officers and Employees	41,887.50	0.00	0.00	0.00	41,887.50	100.00	
Accounts Receivable-Others (NFS #0)	1,059,082,08	0.07	1.044,785.76	0.07	14,296.32	1.37	
Allowance for Bad Debts	(80,816,940.85)	(5.21)	(77,916,936.85)	(5.22)	(2,900,004.00)	3.72	
Materials and Supplies Inventory (MFS #10)	45,175,440.23	2.91	34,537,190.29	2.31	10,538,249.94	30.80	
Prepayments (NES #1)	593,030.57	0.04	456, 173.18	0.03	136,857.39	30,00	
Other Current Assets and Other Debits	0.00	0.00	0.00	0.00	0.00	0.00	
Total	374,635,329.70	24.14	367,878,862.87	24.63	6,756,467.03	1,84	
Unamortized Debt Discount and Expenses Pretiminary Survey and Investigation Charges Other Work in Progress	99 499 000 70	124	44 840 463 67	0.99	8,678,669,41	58.60	
Other Deferred Debits	23,488,822,98	1.51	14,810,153.57				
Total	23,488,822.98	1.51	14,810,153,57	0.99	8,678,669 41	58,60	

	ACTUAL TUE	e Montú	THIS MONTH LA	ST YËAR :	INCREASE ((DECREASE) OVER LAST YEAR			
	ACTUAL THI	% OF TOTAL	AMOUNT	% OF TOTAL	AMOUNT	% OF LAST YEAR		
LIABILITIES AND OTHER CREDITS								
CAPITAL	6 <del>1</del>			1291		.0.00		
Capital Contribution-Government (NFS#17)	866,925.40	0.06	866,925.40	0.06	0.00 43,235,426.50	0.00 74,09		
Other Paki-in Capital (NFS #18)	101,591,946.42	6.55	58,356,519.92	3.91 28.35	42,252,151.51	9.98		
Retained earnings - Unappropriated	465,724,011.12	30.01	423,471,859.61 144,094.00	0.01	0.00	0.00		
Retained earnings - Appropriated	144,094.00	0.01 4.82	28,265,234.04	1.89	0.00	0.00		
Appraisal Capital (NFS #19)	28,265,234.04					16.73		
Total	596,592,210.98	× 38.45	511,104,632.97	34.22	85,487,578.01	10.73		
LONG TERM DEBTS								
Bonds Payable		104101111111111	000 000 000 01	50 44	(60,145,683.06)	(7.18)		
Loans Payable (NFS #16)	777,871,393.98	50.13	838,017,077.04	56.11 0.33	(4,941,943.21)	(100.00)		
Other Long Term Debts	0,00	0.00	4,941,943.21	0.33	(4,941,943.21)	0.00		
Retentions On Contract Payments				<del></del>	The second second			
Total	777,871,393.98	50.13	842,959,020.25	56,44	(65,087,626.27)	(7.72)		
CURRENT AND ACCRUED LIABILITIES								
Notes Payable								
Vouchers Payable								
Accrued Light & Power			Wild Modern & Transcript	2000		H-2 2 H		
Current Portion on Long Term Debt (NFS #18)	60,030,831.90	3.87	38,943,612.82	2.61	21,087,219.08	54.15		
GSIS/SSS Accounts Payable	9,325,933.89	0,60	2,566,168.55	0.17	6,759,765.34	263.42		
Customers' Deposits (NFS #14)	9,056,662.05		9,056,662.05	0.61	0.00	0.00		
Medicare Payable	175,725.00	0.01	169,675.00	0.01	6,050:00	3.57		
Interest Payable	0.00	0.00	0.00	0.00	0.00	0.00		
Withholding Taxes Payable	5,157,327.96	0.33	3,505,735.63	0.23	1,651,592.33	· 47.11 31.74		
Other Current and Accrued Liabilities (NFS #15)	43,060,869.06	2.77	32,686,662.61	2,19	10,374,206.46	31.14		
Total	126,807,349.86	8.17	86,928,516.66	5.82	39,878,833.20	45,88		
Sandania Sa	enterment frame and							
DEFERRED CREDITS								
Unamortized Premium on Debts	11 17 1000 167 01	3.05	49.375.114.14	3.31	(2,054,656.20)	(4.16)		
Other Deferred Credits	47,320,457.94							
Total	47,320,457.94	3.05	49,375,114.14	3.31	(2,054,658.20)	(4.16)		
OPERATING RESERVES								
Property Insurance Reserve								
Injuries and Damages Reserve								
Pensions and Benefits Reserve			2 470 520 04	0,21	0.00	0.00		
Other Operating Reserves (Expansion & Operating)NFs #12	3,170,522.91	D.20	3,170,522.91	750000000000 E 2465		The state of		
Total	3,170,522.91	0.20	3,170,522.91	0.21	0.00	0.00		
TOTAL LIABILITIES AND OTHER CREDITS	1,551,761,935.67	100.00	1,493,537,806.93	100.00	58,224,128.74	3,90		

## **DETAILS OF RETAINED EARNINGS**

## RETAINED EARNINGS - BEGINNING

TOTAL ADD: CREDITS

6 - 20

Retained Earnings - Unappropriated Retained Earnings - Appropriated	P 415,473,044.15
	P 415,617,138.15

Credit Balance Transferred Income Account	P 58,987,581.70
Miscellaneous Credits to Retained Earnings	4

Total Credits	58,987,581.70

TOTAL	P	474,604,719.85
LESS: DEBITS		

Debit Balance Transferred Income Account	P 8,736,614.73	
Miscellaneous Debits to Retained Earnings	S	

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# CAGAYAN DE ORO CITY WATER DISTRICT. STATEMENT OF INCOME For the Month Ended December 31, 2013 (With Comparative Budget Figures for the Month Ended December 31, 2013)

		CURRENT	MONTH			The Control of the			YEAR TO	DATE		
ACTUA	L	BUDGE	ET ·	OVER KUNDER	BUDGET	PARTICULARS	ACTUA		BUDGE		OVER (UNDER	
AMOUNT	%TOTAL	AMOUNT	%TOTAL	AMOUNT	%BUDGET		AMOUNT	%TOTAL	AMQUNT	%TOTAL	AMOUNT	%BUDGET
62,996,408.90	100.00	73,250,935	100.00	(10,254,526.10)	(14.00)	OPERATING REVENUES	704,796,488.29	100.00	795,933,900	100,00	(91,137,411.71)	(11,45)
47,503,445.16 6,549,948.16 5,852,766.42	10.40	40,016,713 4,728,772 8,104,331	54.63 6.46 8.33	(7,488,732.16) (1,821,178.18) 251,554.58	(18.71) (38.51) 4,12	LESS: OPERATING EXPENSES Operation Expenses Maintenance Expenses Depreciation Amortization of Ltd. Term Utility Inv. Income from Utily. Pit. Leased to Others Rent for Lease of Utility Plant	445,708,017,14 49,860,722.34 69,137,043.07	83.24 7.07 9.81	478,821,834 57,323,820 73,251,972	80.28 -7.20 9.20	34,113,918,86 7,463,097,66 4,114,928,93	7.11 13.02 5.82
59,906,159,74	95.09	50,849,810	09.42	(8,056,343.74)	(17,81)	Total Operating Expenses	564,705,752,55	80.12	010,397,726	70.68	45,581,843,45	7.48
3,090,249.16	4.91	22,401,119	30.58	(19,310,869.84)	(85.20)	UTILITY OPERATING INCOME	140,090,705.74	19.88	185,536,174	23.31	(45,445,468.28)	(24.49)
75,302.64 501,020.87	0.12 0.80	74,000 180,000	0.10 0.25	1,302.64 321,020.67	1.78	OTHER INCOME tocome from Non-Utility Operations Revenues of Leased of Other Physical Prop Dividend Revenues Interest Revenues Revenues from Sinking and Other Pund Miscellaneous Non-Operating Revenues Non-Operating Revenues	735,485,23 3,751,191.67	0.10	888,000 2,180,000	0.11	(152,513.77) 1,581,191.87	(\$7.17) 73.67
976,323.31	0.91	254,000	0.35	322,323.31	126.90	Total Other Income	4,485,677.90	0.64	3,048,000	0.38	1,435,677.90	47,20
3,666,572.47	5.82	22,655,119	30,93	(18,988,548.53)	(83.82)	TOTAL INCOME	144,577,383.64	20.51	188,584,174	23.69	(44,005,790.35)	(23.34)
3,666,572.47	5.82	22,855,119	30.93	(18,988,545,53)	(83.82)	MISCELLANEOUS INCOME DEDUCTIONS MIscellaneous Anortization Miscellaneous Income Deductions Extra Ordinary Gains/Losses Total Miscellaneous Income Deductions NET INCOME BEFORE INTEREST CHARGES	144,577,383.64	20.51	188,584,174	23.69	(44,006,790.38)	(23.34)
6,126,742,46	9.73.	8,010,842	. 10.84	1,884,099.54	23.52	Interest on Long Term Debts Amortization of Debt Discount and Expenses Amortization of Frenium Debt (Credit) Taxes Assumed on Interest Other Interest Charges Interest Charged to Construction (Credit)	85,589,801,94	12,14.	97,985,301	1231	12,395,499,06	12.65
6,120,742.40	8.73	5,010,842	10.94	1,584,099.54	23.52	Total Interest Charges	65,589,501.94	12.14	97,953,301	12.31	12,395,489.06	12.66
(7.460.169.99)	(3.84)	14.844.277	19.99	(17,104,448.89)	(115.80)	NET INCOME /(LOSS) FOR THE PERIOD.	58,987,581.70	8.37	90,598,873	11.38	- (31,811,291.30)	(34.89)

# SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water Supply Project Phase III Final Report

## CAGAYAN DE ORO CITY WATER DISTRICT CAGAYAN DE ORD CITY WATER DISTRICT DETAILED STATEMENT OF REVENDES AND EXPENSES For the Mouth Ended December 31, 2013 (With Comparative Figures Against Budget for the Mouth Ended December 31, 2013)

ACTUAL	CUR		NTH		unor:	PARTICULARS	ACTUAL		AR TO DA		OVER ((UNDER)	BUOGET
24000		BUDGE	%TOTAL	OVER/(LINDER) I	BUDGET BEUDGET	AKITOCCARO	AMOUNT %7	OTAL		%TOTAL	AMOUNT .	<b>%BUDGE</b>
AMOUNT	%TOTAL:	AMOUNT	MIDIAL	ABOUNT	POLICIERSE I							
				59		OPERATING REVENUES	(88)					
					8.5	WATER SALES:	182					
FA FWA (AN DA	6050	68,497,884	93.51	(8,964,474,34)	(13.09)	Metered Sales to General Customers*	665,276,144.65	94.39	742,853,349	93.33	(77,577,204.35)	(10,
59,533,409.88	94.50	00'481'sse	93.31	(PSOMMINSM)	. 110201	Unmetered Sales to General Customers					100001	
						Sales to Irrigation Customers						
						Private Fire Protection Service						
		*				Public Firs Protection Service						
	450584					Sales to Other Water Duktes for Resale	2 222 103 00	0.37	7,139,844	0.90	(4,494,742.00)	(63
305,037.00	0.48	594,237	0.91	(269,200.00)	(48:67)	Sales to Government Agencies by Contract	2,638,102,00 982,683,36	0.14	788,800	0.10	202,683.36	25
73,810.98	-0.12	65,000	0.09	8,610,96	13.56	Other Sales of Services	#62,003.3U					144
59,912,257.64	95.10	69,157,121	94.41	(9,244,863.36)	(13.37)	Total Water Sales	668,894,930,01	94.91	750,764,193	94.32	(81,669,262.99)	110
38,512,231.04	33.10	-		10.21.7		· · ·		198				
9 9					W	OTHERS:	7,173,005.43	. 1.02	7,440,000	D.93	(255,931.51)	(3.
422,957.97	0.67	620,986	0.55	(197,042,03)	[31.78]	Miscellaneous Service Revenues	7,173,005.43		. François	\$100 m	(Tabatha Co.)	15
	2004	95 A B	1		MA DO	Rent of Water Property Penalty Charges ***	28,111,189.85	3.99	97,142,667	4.67	(9,031,477.15)	[24.
2,609,693.29	4.14	3,424,894	4.68	(815,200.71)	(23.80)	Rental of Water Meter	20,111,102		+			-
£4 £86 00	0.08	48,928	0.07	2,580,00	5.27	Other Water Revenues	617,300,00	0.09	. 587,040 -	0.07	. 30,260.00	5.
51,500.00						Total Others	35,901,558.28	5.09	45,169,707	5,68	(9,288,148.72)	- (20)
3,084,151.26	-4.90	4,099,814	5,59	(1,009,602,74)	[24.66]	Tual Ouigis	9	7.				8
62,996,408.90	100.00	73,250,935	100.00	(10,254,528.10)	(14.00)	TOTAL OPERATING REVENUES	704,796,488.29	100.00	705,933,900	100.00	(91,137,411.71)	(11.
					1	OPERATION:	11,018,747.21	1.56	12,923,472	1,62	1,904,724.79	(4.)
988,088,00	1.41	1,876,958	1.47	186,868.00	17.54	Operation Supervision and Engineering	1,584,997.56	0.22	1,821,072	0.23	236,074.44	12.6
129,982.89	0.21	151,758	0.21	21,773.11	1435	GSIS Contributions and Others Philhealth Contributions	151,462.50	0.02	212,856	0.03	61,393.50	28.
12,087.50	0.02	17,738	0.02	5,650.50	31.86 (175.02)	Employees' Pensions & Benefits	7,792,172.61	1.11 .	7,986,492	1.00	194,319,39	2.
1,830,364.57	2.91	685,544 142,097	0,91 0.19	(1,164,623.53) 8,863,80	6.25	COWD Provident Fund Contribution	1,655,445.90	0.23	1,705,164	0.21	49,718.10	2:
133,213.20 5,800.00	0.21	3,650	0.13	50.00	0.88	COWD Pag-ibig Fund Contribution	66,700.00	0.01	67,800	0.01	1,100.00	1.
27,243.40	0.04	42,808	0.06	15,654.60	36.48	Miscellaneous Operation Dept. Expenses	247,535.47	0.04	514,776	0.06	267,240.53	51.
	1.31	154,984	0.21	(671,752.22)	(433.43)	Overtime & Holiday Expenses	1,973,525.64	D.28	1,259,208	0.23	(113,717.64)	(6. (44.
826,736,22	0.04	29,658	0.04	5,900.20	1990	Fuel, Oil and Lubricants	513,305.03 280,565.09	0.07	355 <sub>7</sub> 860 395,000	0.05	(157,505.03) 115,434.91	29.
826,736.22 23,749.80	0.03	33,800	0.05	17,036.65	51.63	Office Supplies & Other Expenses	200,000.00		184,800	0.41	179,965,67	0.9
			0.02	15,400.00		Towns Wint I shar & Material Eventures	4 834 33			6.15.00	TO 100 TO	
23,749.80 15,961.15	0.00	15,400		0.0000000000000000000000000000000000000	0,00	Trans / Dist. Labor & Material Expenses	4,634.33 151.815.301.00	. 0.01	152,570,400	19.17	755,099.00	0.
23,749.80 15,961.15	20.53	12,714,200	17.36	(216,943.50)	0.00	Purchased Water	151,815,301.00	. 21,54	152,570,400			. 8
23,749.80				0.0000000000000000000000000000000000000		Purchased Water  Total Operation Expenses			A C. S. C.	19.17	755,094.00 3,493,547.68	S
23,749.60 15,961.15 12,931,143.50	20.53 26.71	12,714,200	17.36	(216,943,50) · - (1,774,300,23)	(1179)	Purchased Water  Total Operation Expenses  MAINTENANCE:	151,815,301.00	21,54	152,570,400	23.08	3,493,547,66	<u>.</u> 1.
23,749.60 15,961.15 12,931,143.50	20.53 26.71	12,714,200	17.36 20.55	(216,943,50) · (1,774,200,23) · 0.00	0.00 (11.79)	Purchased Water  Total Operation Expenses  MAINTENANCE:  Maintenance of Collecting & Impdng. Reservoirs	151,815,301.00	. 21.54 25.14 0.00	152,570,400		3,493,547,66 0.00	1. 0.1
23,749,80 15,961,15 12,931,143,50 16,824,170,23	20.53 26.71 0.00 0.00	17,774,200 15,049,870	17.36 20.55 0.00 0.00	(216,943,50) · · · (1,714,300,23) · · · · · · · · · · · · · · · · · · ·	0.00 (11.79) - - - - - - - - - - - - - - - - - - -	Purchased Water  Total Operation Expenses  MAINTENANCE:  Maintenance of Collecting & Impolng. Reservoirs  Maintenance of Springs and Tunnels	151,815,301.00	21,54	152,570,400	23.08	3,493,547,66	1.1 0.1 0.1
23,749.60 15,961.15 12,931,143.50	20.53 26.71 0.00 0.00 0.00	12,714,200	17.36 20.55 0.00 0.00 0.01	(216,943,50) (1,774,300,23) 0,00 0,00 0,00 6,511,00	0,00 (11,79) 0,90 0,90 0,90 1,00,00	Purchased Water Total Operation Expenses MAINTENANCE: Maintenance of Collecting & Impdng. Reservoirs Maintenance of Springs and Tunnels Maintenance of Wells	151,815,301.00 177,104,592.34	25,14 25,14 0.00 0.00 0.00 0.00 0.00	152,570,400	23.08 0.00 0.00 0.01 0.00	3,493,547,58 0,00 0,00 68,549,55 0,00	01 01 08 86
23,749,80 15,961,15 12,931,143,50 16,824,170,23	20.53 26.71 0.00 0.00 0.00 0.00	17,774,200 15,049,870	17.36 20.55 0.00 0.00 0.01 0.00	(216,943,50) (1,774,300,23) 0,99 0,90 6,511,90 0,90	0.00 (11.79) - - - - - - - - - - - - - - - - - - -	Purchased Water  Total Operation Expenses  MAINTENANCE:  Maintenance of Collecting & Impolng. Reservoirs  Maintenance of Springs and Tunnels	151,815,301.00 177,104,592.34 9,116.32	25.14 25.14 0.00 0.00 0.00 0.00 0.00	152,570,400	23.08 0.00 0.00 0.01 0.00 0.00	3,493,547,68 0,00 0,00 68,049,55 0,00	1. 0. 0. 86. 0.0
23,749.80 15,961.15 12,931.143.50 18,824,170.23	20.53 26.71 0.00 0.90 0.00 0.00 0.00	17,774,200 15,049,870	17.36 20.55 0.00 0.00 0.01	(216,943,50) (1,774,300,23) 0,00 0,00 0,00 6,511,00	00Q (1179) 080 000 10000 000	Purchased Water  Total Operation Expenses  MAINTENANCE: Maintenance of Collecting & Impung. Reservoirs Maintenance of Springs and Tunnels Maintenance of Wells Maintenance of Supply Mains	151,815,301.00 177,104,592.34 9,116.32	25,14 0,00 0,00 0,00 0,00 0,00 0,00 0,00	152,570,400 180,562,440 78,066	23.08 0.00 0.00 0.01 0.00 0.00 0.00	3,493,547,66 0.00 0.00 0.00 66,549,55 0.00 0.00	02 1.5 0.0 0.0 0.0 0.0 0.0
23,749.80 15,961.15 12,931,143.50 16,824,170.23	20.53 26.71 0.00 0.00 0.00 0.00	17,774,200 15,049,870	17.36 20.55 0.00 0.01 0.00 0.00 0.00	(216.943.50) (1.774,300.23) 0.00 0.00 6.511.00 0.00	000 (11.79) 0.90 0.00 100.00 0.00	Purchased Water  Total Operation Expenses  MAINTENANCE: Maintenance of Collecting & Impung. Reservoirs Maintenance of Springs and Tunnels Maintenance of Wells Maintenance of Supply Mains Maintenance of Other Source of Supply Plant	151,815,301.00 177,104,592.34 9,116.32	25.14 25.14 0.00 0.00 0.00 0.00 0.00	152,570,400	23.08 0.00 0.00 0.01 0.00 0.00	3,493,547,68 0,00 0,00 68,049,55 0,00	81 81 86 86 00

0

ACTUAL			ZIS 1 11	AND S HOUSE	DUSTANTE	PARTICULARS	ACT		AR TO DA	AND THE REAL PROPERTY AND THE PERTY AND THE	OVERMUNDER	TOORIGE
AMOUNT	%TO TOTAL	AMOUNT	%TO TOTAL	OVER JUNDER	MOF BLIDGET	r A M. I TO DE A NO	AMOUNT	%TO TOTAL		NTO TOTAL	AMOUNT	%OF BUDG
	•					PUMPING EXPONSES OPERATION:		F.:	· · · · · · · · · · · · · · · · · · ·	,		
174,869.88 8,604,359.36	0.28 13.66	. 194,872 8,506,660	.0.26 11.60	19,203.12 (104,359.36)	9.89	Pumping Labor and Expenses Fuel or Power Purchased for Pumping	1,879,099.91 100,086,559.61	0.27 14.20	2,328,684 102,000,000	0.29 12.82	449,764,09 1,913,440,39.	10.
8,779,228.24		8,694,072	11.87	(85,156.24)	(0.98)	Total Operation Expenses	101,965,659,52	14.47	. 104,328,854	13,11	2,363,204.46	. 2
- 1				-		MAINTENANCE:					4	
1,660.00 12,737.50	0.00	1,425 20, <del>5</del> 63	0.00	(235.00) 7,845.50	(18.49) 38.12	Maintenance of Structures and Improvements Preventive Maintenance of Pumping Plants	15,258.00 108,717.35	0.00	17,100 246,996	0.03	1,844.00 138,276,65	10.
14,397.50	0.02	72,468	0.03	7,810:50	34,58	Total Maintenance Expenses	123,973.35	0.02	264,895	0.03	. 140,122.65	53.0
8,793,625.74	13,96	8,716,080	. 11.90	(77,545.74)	(0.89)	Total Pumping Expenses	102,089,632.87	14.48	104,502,960	13,14	2,503,327.13	2.3
			-		¥	WATER TREATMENT EXPENSES	· · · · · ·	10.4		30 10 35	•	-
			ç			OPERATION:		0.70		W-144		
178,392.14	0.00	200 000	0.00	0,00 - 21,807.86	10.80	Operation Labor and Expenses Chemicals and Filtering Materials	2,956,935.36	0.00	2,400,800	0.00	0.00 (556,935.38)	E.0 (23.2
187,695.00	0.26	200,900 53,500	0.07	(134,195.00)	(250.83)	Laboratory Supplies and Other Expenses	589,652.00	0.08	642,090	0.08	. 52,348,00	8.
366,087.14	0.58	253,500	0.35	(112,587.14)	(44.41)	Total Operation Expense	3,546,587,36	0.50	. 3,042,000	0.38	(504,587.36)	.f (18:
						MAINTENANCE:	*			:		
0.00	0.00	24,883	0.00	0.00 24,983.00	0.00	Maintenance of Structures & Improvements Maintenance of Water Treatment Equipment	. 18,210.00	0.00	288,996	0.00	0.00 270,786.00	P3.7
0.00	. 0.00	24,883	0.03	24,883.00	100.00	Total Maintenance Expenses	18,210.00	0.00	288,995	0.04	270,766.00	93.7
. 366,087.14	0.58	277,583	0.38	(86,504.14)	(31.86)	Total Water Treatment Expenses	3,564,797.36	0.51	9,330,996	0.42	(233,801.28)	(7.0
25,983,883.11	41.25	24,050,044	32.83	(1,983,839.11)	(8,04)	TOTAL PRODUCTION DEPARTMENT EXPENSES	282,768,138.89	40.13	288,600,462	36,65	5,832,323.11	. 20
					. *	REPAIR AND MAINTENANCE DEPARTMENT			200			
					8	MAINTENANCE & REPAIRS:			165			
1,409,803.96	2.24	1,515,781	2_07	105,677.02	6.97	Maint & Repair Supervision and Engineering	16,842,698.85	2.39	18,185,772	2.28	1,343,073.15	7.3
201,012.60	0.32	216,583	0.30	15,975.20	7.23	GSIS Contributions and Others	2,434,218.30	0.35	2,500,256	0.33	166,037,70	8.3
18,687.50 3,359,635.43	5.33	24,409 1,078,981	0.03	5,721.50 (2,280,654.43)	23,44	Philhealth Contributions Employees' Pensions & Senetts	223,812.50 12,919,581.64	0.03 1.83	292,900 12,947,772	0.04 1.63	69,095,50 28,190,38	23.5
206,899.62	0.33	215,428	0.29	5,528.38	3.96	COWD Provident Fund Contribution	2.469,485.82	0.35	2,585,135	0.32	115,650.18	4
10,898.16	0.02	10,700	0.01	(196.18)	(1.95)	COWD Pag-Ibig Fund Contribution	127,587.17	0.02	128,400	0.02	812.83	Đ.
420.00	0.00	3,800	0.00	2,580,00	56.00	Miscellaneous Repair & Maint, Dept. Expenses	9,571.50	0.00	35,800	0_00	26,428.50	73
303,041.96	64.0	81,707	0.11	(221,334,98)	(270.39)	Overtime & Holiday Expenses	539,149.43	- B_08	980,484	0_12	441,334.57	45.
78,078.17	0.12	112,503	0.16	41,529,83	34.72	Fuel, Oil and Lubricants	1,175,200.93	0.17	1,435,296	0_10	260,095.07	18.
15,193.70	0,02	39,572	0.05-	24,378.36	. 81E0	Office Supplies & Other Expenses	279,176.95	0.04	474,864	- 0.06	195,667.05	41
270,471.42	0.43	388,281	0.53	117,809.58	30.34	Maintenance & Repair of General Plant	3,640,037.65 1,565,384,21	0.52	4,859,372	0.59	1,019,334.35	21
141,540.68	0:22	284,321	نىت.0	143,110.31	50:28	Maintenance & Repair Pumping Facilities Maintenance of Reservoirs and Tanks	14,068.30	0.00	3,415,452 108,096	0,43 0,01	1,650,067.79 94,027.70	54, 86
37,799.31	- 0.06	9,008	0.01	140,178.69	78.76	Maintenance of Transmission/Distribution Mains	975,184,48	0.14	2,135,712	0.27	1,160,527.54	- 54
462,684.38	0.73	177,\$76 488,363	0.67	25,678.03	5.26	Maimenance & Repair of Service Comections	8,226,583.19	0.88	5,880,356	9.74	(366,227.19)	(8
18,678.00	0.03	38,585	0.05	20,010,00	51.72	Maintenance & Repair of Water Meters	222,390.80	0.03	454,258	0.06	241,885.20	52.
15,133,05	0.02	- 35,141	0.05	20,007.05	56.94	Maintenance & Repair of Hydrants and Valves	60,649.62	0.01	421,692	0.05	361,042.38	85.
0.00	0.00	1,120	0.00	1,120.00	0.00	Maintenance & Repair of Miscellaneous Plants	13,060.50	0.00	13,440	0.00	379.50	28
40.13	10.40	Market No. 19	A10000 600	100	S 8	TOTAL REPAIR & MAINT, DEPT, EXPENSES	49,737,841,82	7.08	10	7,13	7,007,422.18	11 0000

-	CUP	RENT MON	TH		-	PARTICULARS	ACTUAL	10	AR TO DA		OVER AUNDERS	RINGE
ACTUAL	%TO TOTAL	BUDGET AMOUNT %	TOTOTAL	OVER NUNCER) S	LOGET OF BUDGET	PARTICULARS	AMOUNT %	TOTOTAL	AMOUNT 9	TO TOTAL	AMOUNT &	OF BUO
AMOUNT	MIO (O) NE.	runy year.				COMMERCIAL DEPARTMENT (CUSTOMER ACCOUNT EXPENSES) OPERATION:						
Sala Siver	- 202	100000	***	574 FAR (III	16.44	Supervision	18,865,939.62	2.39	19,970,406	2.51	3,164,555.38	15
1,390,014.88	2.21	1,884,248	2,27	273,593.12 62,430.71	23.60	GSIS Contributions and Others	2,416,623.83	0.34	3,174,606	9.40	7.58,072.17	23
202,127.29	0.32	264,558	0,36	9,677.50	32.24	Philhealth Contributions	249,675.00	0.04	365,180	0.05	110,506.00	30
20,337.50	0.03	30,015	0.04		(168.79)	Employees' Pensions & Benefits	14,002,186.61	1.99	15,003,516	1.89	1,001,348.39	19
3,585,704.89	5,69	1,250,293	1.71	(2,335,411.89)	5,56	COVID Provident Fund Contribution	2,512,333.47	0.36	2,851,100	0.33	138,768 53	
208,592,22	0.33	220,925	9.30	1233278	21,34	COVVO Pag-ibig Fund Contribution	111,338.21	0.02	143,400	0.02	32,061.79	2
9,400.00	0.01	11,950	0.02	2,550,00	0.27	Miscellaneous Commercial Dept. Expenses	4,562,073.46	0.65	5,823,728	0.63	461,654.54	
417,517.75	0.66	418,544	0.57	1,126,25		Overtime & Hosday Expenses	398,064,10	0.06	1,140,040	0.14	743,935.90	
168,285.00	0.27	95,000 -	0.13	(75,285.00)	[77.56]	Fuel, Oil and Lubricants	1,143,858.58	0.16	1,248,000	0.16	104,143,42	
93,172.50	0.15	104,000	0.14	10,827,50	10.41		810,893.84	0.12	1,515,728	. 0.19	705,834.15	1
64,547.90	0.10	126,354	0.17	81,848.10	46,23	Office Supplies & Other Expenses Uncollectible Accounts	2,900,004.00	0.41	2,900,004	0.36	0.00	
241,667.00	0.38	241,667	0,33	600		TOTAL COMMERCIAL DEPARTMENT EXPENSES	45,970,968.72	6.52	53,131,848	6.68	7,190,879,28	1
6,401,966,93	10.16	4,427,854	6.04	(1,274,312.93)	(44.59)							
				Joe controlo	DEDICK!	ENGINEERING DEPARTMENT CONST., ELECTRO-MECHANICAL CONST., AND BLDG.	GROUND MAINT FXPE	(SES)				
				(PLANNING,	DESIGN,	OPERATION:	Ditection within the s	and a				
	4.45	010 200	122	are taken	20.54	Supervision	8,935,444.50	1.27	11,849;156	1,39	2,115,711.50	
704,278.45	1.12	820,763	1.26	216,484,55	23.51	GSIS Contributions and Others	1,139,169:55	0.16	1,355,248	0.20	416,078,45	3
91,125.34	.0.14	129,504	0.18	38,478.06	29.69	Philhealth Contributions	102,450.00	0.01	173,816	0.02	71,168.00	- 7
8,500.00	0.01	14,450	0.02	5,968.00	41.25		6,505,420.21	0.92	6,931,552	-038	476,131.79	
1,550;352,75	2.48	581,706	0.79	(965,556.75)	(168.48)	Employees' Pensions & Benefits	1,351,200.72	0.19	1,461,132	0.18	109,931,28	
105,841.76	0.17	121,761	0.17	16,119.24	13.24	COWD Provident Fund Contribution	52,253.61	0.01	55,500	. 0.01	3,548.39	
4,753.61	0.01	4,856	0.01	(103.61)	(2.23)	COVID Pag-ibig Fund Contribution	1,110,219.88	0.16	1,277,508	0.16	187,288,12	
106,109,39	0.17	188,450	0.15	340.61	0.33	Miscellaneous Engineering Dept. Expenses	143,850,81	0.02	- 646,112	0.02	2,481,19	
95,933.39	0.15	12,176	0.02	(83.757.39)	(687.89)	Overtime & Holiday Expenses	125,279.87	0.02	174,000	0.02	48,720.33	
11,508,60	0.02	14,500	0.02	2,091.40	20.63 67.33	Fuel, Oil and Lübricares Office Supplies & Other Expenses	345,654.93	0.05	351,000	0.04	5,345.07	
9,555.00	0.02	29,250	0.94	19,805.00		TOTAL ENGINEERING DEPARTMENT EXPENSES	19,810,743.88	2.81	23,225,124	2.92	3,414,380.12	11/2
2,687,758.29	4.27	1,935,427	2.64	(752331 29)	(38,87)	ADMINISTRATIVE DEPARTMENT			30.		,	
						OPERATION:		861	E-380E	363	- Andrews	
590,705.00	0.95	739,879	1.01	142,974,00	19.33	Administrative and General Salaries	7,591,230.11	1.08	6,874,148	1.12	1,284,917.89	
83,262.52	0.13	941,000	0.14	17,737 AB	17.58	GSIS Contributions and Others	1,047,293.39	0.15	1,212,000	0.15	184,708.61	
7,487.50	0.01	11,156	0.02	3,868,50	32,68	Philhealth Corgnibutions	93,800.00	0.01	133,872	0.02	40,272.00	
1,308,533.05	- 2.08	567,490	0.77	(741,084,05)	(130.58)	Employees' Pensions & Benefits	5,449,319.57	0.77	6,869,988	0.85	1,360,565,43	
89,505.75	D.14	102,248	0.14	12,740.25	12.46	COWD Provident Fund Contribution	1,136,853.51	0.16	1,226,952	0.15	90,000.49	
3,100.00	0.00	3,250	0.00	150,00	4.52	COWD Pag-Rig Fund Contribution	37,400.00	0.01	39,000	0.00	1,500.00	
497,914,78	D.65	911,601	0.43	(98,313,78)	(30.91)	Miscellaneous General & Admin. Expenses	3,074,093,89	0.44	3,739,212	0.47	695,118.11	
25,071.76	0.04	3,768	0.01	(21,303.79)	(585 39)	Overtime/Holiday Pay	43,254.02	0.01	. 45,218	0.01.	1,961,96	
7,041.24	0.01	14,255	0.62	7,213.76	50.61	Firel, Oil and Lubricants	161,946.28	0.02	171,050	0.02	9,113.72	
279,422.53	0.44	335,000	0.46	\$6,577.A7	16.59	Light & Power	3,400,729.66	0.48	4,620,000	0.51	619,270.34	
617,417.13	0.98	580,099	83.0	[117,417,13]	(23.48)	Other Cutside Services Employed	6,870,435.14	0.97	6,800,800	0.75	(870,435.14) 2,185,155.31	(
63,104.95	0.10	288,984	0.39	225,679.05 -	75.16	Travel Expenses & Per Diem	1,302,852.69	0.18	3,467,806	0.46	2,165,15631	
119,871.51	0:18	309,167	0.41	154,295,49	60.79	Training Expenses	1,462,564.40	0.21	3,532,904	0.46 0.15	21,090 97	
101,867,51	0.16	100,000	0.14	(1,587,51)	(1.87)	Insurance Expenses	1,178,909.03	0.17	1,208,800	0.03		83
10,812.00	0.02	5,060	0.01	(5,812.06)	(118.24)	Injuries and Damages	208,837.10	0.03	260,806	3354	53,102,90	
54,015.50	0.09	70,000	0.10	15,964.50	. 22.84	Office Supplies & Other Expanses	873,127:49	0.12	340,800	0.11	(93,127.49) 245,019.35	
142,348.47	0.23	122,092	0.17	(20,254.47)	(18:59)	Communications	1,220,084.84	0.17	1,485,184	0.18		
47 -	0.00	501	0.00	500.00	0.00	Freight and Handling	2,665.36	0.00	6,000	0.00	3,314,64	3
22,000.00	0.03	22,000	0.03	0.00	0.00	Rents	264,000.00	0.04	. 264,100	0.03	0.60	
1.397,539.15	2.22	1,375,192	1.88	(21,547.15)	(1.55)	Taxes and Licenses	15,278,427.27	2.17	16,514,304	2.07	1,235,878,73	
0.00	0.00	10,504	0.01	10,000,00	100.00	Physical Fitness & Amietics	40,602.00	0,01	120,008	0.02	79,398:00	
				12.0		TOTAL ADMINISTRATIVE DEPT. EXPENSES	50,738,035,55	7.20	50,048,858	7.54	9,312,832,45	

4	cus	RENT M	ONTH			*		YE	AR TO D	ATE		- 4
ACTUAL		BUDA	SET	OVER/IUNCER		PARTICULARS	AMOUNT		BUDGE		OVER/(UNDE	
MOUNT	%TO TOTAL	AMOUNT	%TO TOTAL	AMOUNT 9	60F BEDGET		ARCON	TO TOTAL	AMOUNT	TELU TOTAL	AMOUNT "	%OF BLDG
						MANAGEMENT DEPARTMENT	-					
						OPERATION:	- ×					
545,784.86	0.87	605,475	0.83	58,688.14	9.69	Supervision	6,328,254.24	0.90	7,265,676		937,421.76	
72,193.14	0.11	79,500		7,305.66	9.19	GSIS Contributions and Others	657,143.81	0.12	254,060		96,856.19	
6,550.00	0.01	0,586	0.01	3,046.00	31.74	Philipealth Contributions	78,650.00	0.01	115,152		38,502.00	
723,308.60	1.15	328,239		(395,069,00)	(120,36)	Employees' Pensions & Benefits	3,460,420.75	0.49	3,938,865		478,447.25	
86,050.35	0.14	82,785		(3,265.35)	(3.24)	COVVO Provident Fund Contribution	962,929.23	0.14	993,429		39,490,77	
2,300.00	0.00	2,350		50.00	213	COWD Pag-ibig Fund Contribution	27,700.00	0.00	28,280		500.00	
87,822.01	0.14	156,492		68,669,98	43.88	Miscellaneous General & Mgmt, Expenses	742,498.44	0.11	1,677,864		1,135,407,56	
813.50	8,00	1,478		656.50	56.27	Overtime & Holiday Expenses	2,402.28	0.00	17,640		15,237,72	
7,212.83	0.01	17,914		10,101.37	58.34	Fuel, Oil and Lubricants	187,248.07	0.03	287,763		20,519.93	
- 33,459.10	0.05	22,300		(10,959.10)	(48.71)	Office Supplies & Other Expenses	280,343.65	0.04	276,000		(10,343.65)	
Carlo Salar	0.00	10,000		00.000,01	100,00	Donations and Contributions	15,500.00	0.00	129,400		104,500,00	
55,600.00	0.09	52,207		(3,393.00)	(6.50)	Advertising & Promotions	235,844.97		625,484		300,839,03	
584,747.83	0.93	72,500	0.10	(512,247.83)	(708.55)	Corporate Social Responsibility Expenses TOTAL MANAGEMENT DEPARTMENT	711,056.37	0.10	\$70,000	0/1	158,943.83	18.
2,208,542.02	3.50	1,440,428	1.97	(766,216.02)	(53.19)	TOTAL MANAGEMENT DEPARTMENT EXPENSES	13,889,789.81	1.97	17,285,112	2,17	3,395,322.19	197
2,240,042,02	5.00	1,440,420	1,37	(100,21002)	(02:53)	OFFICE OF THE GENERAL MANAGER	19/000/190/01	3,00	· · · · · · · · · · · · · · · · · · ·	2011	0,000,000,00	101
					0	OPERATION:						
62,670.00	0.10	81,719	0.11	19,048.00	2331	Supervision	752,040.00	0.11	989,522	0.12	228,588.00	23.
19,504.89	0.03	12,316		(7,186.89)	(58.37)	GSIS Contributions and Others	128,357.48	0.02	147,792		19,434.52	
1,025.00	0.00	1,078		51.00	4.74	Philhealth Contributions	7,587.50	0.00	12,812		5,324.50	
111,178.22	0.18	63,521		(47,857.22)	(75.03)	Employees' Pensions & Benefits.	568,655.54	9.08	762,252	. 0.10	193,596.46	25)
9,400.50	0.01	10,153	8,01	752.50	7.41	COWD Provident Fund Contribution	112,806.00	0.02	121,838	0.02	9,030,00	7.4
1,097.97	0.00	358		(747.97)	(213.71)	COWD Pag-ibig Fund Contribution	3,997,97	0.00	4,200		202.03	
180,903.16	0.29	121,196	0.17	(59,707.16)	(49.25)	Miscellaneous General & Mgmt. Expenses	1,193,911.11	0.17	1,454,352		260,440.89	
	6-70		0.00	0.00	0.00	Overtima & Holiday Expenses	1 10	0.00	(C) (A)	0.00	0.00	
8,718.49	0.01	7,100		(1,718,48)	(24.55)	Fuel; Oil and Lubricants	80,930.52	0.01	84,000		*23,069.48	
5,279.00	0.01	12,500		7,221,00	57.77	Office Supplies & Other Expenses	165,385.52	0.02	150,006		(15,365,52)	
10,000.00	0.02	16,780		6,700,00	40/12	Professional Fees	164,418.70	0.02	200,408		35,983.30	
18,402,33	0.03	9,167		[7,235,33]	(78.93)	Discretionary Fund Expenses	109,834.32 300,000,00	0.02	110,604	0.01	169.68	
253,750.45	0.40	25,006		(228,750.45)	(915.90)	COA Audit Fees			300,800	0.04	0.00	-
679,930.00	1,08	360,698	0,49	(319,232,00)	(88.50)	TOTAL OFFICE OF THE GENERAL MANAGER	3,567,922.66	0.51	4,528,376	0,54	760,453.34	17.5
						OFFICE OF THE BOARD OF DIRECTORS						
38,567,00	0.06	87,382	0,12	50.825.00	58.16	OPERATION: Supervision	915.018.38	0.13	1,048,794	0.13	132,585.64	12.6
6,515,24	0.01	12,738	0.02	8,222.70	48.85	GSIS Contributions and Others	134,439,28	0.02	152,856	0.02	18,418,72	
600.00	0.00	1,541	0.00	641.00	61.06	Philhealth Contributions	11,775.00	0.00	18,492	0.90	5,717,00	
124,974,01	0.20	50,322	0.08	(86,852.01)	(110.67)	Employees' Pensions & Benefits	629,565,78	0.09	211,864	0.09	82,293,22	
5,485.05	0.01	12,312	0.02	9,906,95	55.74	COMD Provident Fund Contribution	134,891.10	0.02	148,764	0.02	13,612.90	
200.00	0.00	350	0.00	- 150.00	42.68	COWD Pag-iblg Fund Contribution	3,400.00	0.00	4,200	0.00	800,00	19.0
30,508.79	0.05	31,851	0.04	1,342,21	4.21	Miscellaneous General & Mgmt. Expenses	279,841.08	0.04	382,212	0.05	102,370.92	28.7
Charles of America	27.		0.00	6.00	- 0.00	Overtime & Holiday Expenses	÷	0,00	100	0.00	. 0.00	0.0
10,224,28	0.02	16,300	0.02	6,275.72	38.03	Fuel, Oil and Lubricants	110,596.68	0.02	128,220	0.02	87,403,32	44.1
2,419,70	0,00	5,500	0.01	3,060.20	58.01	Office Supplies & Other Expenses	46,980.10	0.01	85,900	9,91	19,019,90	28.6
094,488.24	1.74	273,420	0.37	(821,068.24)	(300.30)	Directors' Fees and Remunerations	3,270,848.34	0.46	3,281,940	0.41	10,191.66	0.3
1,311,982.31	- 2.08	501,806	0.68	(810,976.31)	(181.87)	TOTAL OFFICE OF THE BOARD OR DIRECTORS	5,538,355,72	0.79	5,012,072	0.76	473,716.28	7.86
					0	FINANCE DEPARTMENT ACCOUNTING, CASHIER'S & PROPERTY EXPENSES)						
					0,0	OPERATION:	No. and the same	25 100				
	1.41	1,160,019	1.58	289,803.25	23.28	Supervision	11,085,246.64	1.57	13,926,228	1.75	2,851,981.35	20.51
.890,215.7			4 44		16.06	GSIS Contributions and Others	1,478,126.37	0.21	1,838,292	0.23	389,165.63	19.59
126,588.1	0.20	153,191	0.21	24,602.84								
	0.20 0.02 2.26	153,191 17,790 583,253	-0.02 0.60	6,515,00 (555,030,69)	36,62 (143,50)	Philipeaith Contributions Employees' Pensions & Benefits	136,387,50 6,626,469,58	0.02	213,480 6,989,038	0.03	77,092.50 372,566.32	36.11 532

	cur	RENT MO	NTH	:				YE	AR TO D.	ATE		
ACTUAL		BUDGE		OVER/JUNDER!		PARTICULARS	- ACT		BUDGE		OVER JUNCER	ELDGET
AMOUNT	%TO TOTAL	AMOUNT	TO TOTAL	AMOUNT 9	OF ELLOGET		AMOUNT	%TO TOTAL	AMOUNT	%TO TOTAL.	AMOUNT	SOF BUOGET
133,532,37	31.57	144,957	23.38	11,424.83	1.58	COVID Provident Fund Contribution	1,659,992.87	0.24	1,730,484	23.38	79,491,33	457
4,900.00	1,15	4,350	0.70	(550.00)	(12.84)	COWD Pag-loig Fund Coninbution	50,000.00	0.01	52,200	0,70	1,400,00	2,68
138,896.93	0.22	128,759	0.18	(10,137.03)	(7.67)	Miscellaneous Finance Dept. Expenses	1,285,571.10	0.18	1,545,108	0.19	259,438.90	16.79
79,535.68	5.13	7,250	0.01	£72,285 88)	(997.04)	Overtime & Holiday Expenses	141,942.06	0.02	87,000	0.01	(54,942.06)	(83.15)
6,398.97	0.01	9,350	0.01	2,951.03	31.59	Fuel, Oil and Lubricants	72,882.18	0.01	112,200	0.91	39,537.84	35.24
63,637.60	0.10	105,150	3.14	41,512.40	39.46	Office Supplies & Other Expenses	1,031,644.25	0.15	1,281,800	0,15	230,155,75	19.24
2,895,264.15	4.50	2,314,960	3.16	(581,195.15)	(25.12)	TOTAL FINANCE DEPARTMENT EXPENSES	23,548,942.43	3.34	17,788,828	3.49	4,219,865.57	15.20
54,053,393.32	85,80	44,745,485	61,09	[9,307,909.31]	(20.50)	TOTAL OPERATING AND MAINT. EXPENSES	495,568,739,48	70.31	537,145,754	67.49	41,577,014.52	734
5,852,766.42	9.29	5,154,331	8.33	251.584.56-	4.52	DEPRECIATION	69,137,043,07	9.81	73,251,972	9.20	4,114,979.03	5.62
578,323.31	0.91	254,900	0.35	322,323.31	126.90	NET NONOPERATING INCOME	4,488,577,90	0.64	3,548,040	0.38	1,438,877.90	47.20
3,666,672.47	5.62	22,655,419	30.93	(18,988,546,53)	(83.92)	TOTAL INCOME BEFORE MISCELLANEOUS INCOM Deductions and Interest: Miscellaneous Income-Interest Miscellaneous Amortizations Miscellaneous Income Deductions Extraordinary Galins/Losses Total	144,577,383,64	20,51	188,584,174	23.69	[44,006,790,36]	(23.34)
3,868,572.47	5.82	22,655,119	30.93	(18,988,546,53)	(83.82)	TOTAL INCOME BEFORE INTEREST CHARGES	144,577,383.64	20.51	188,584,174	23.69	(44,008,760,36)	[23,34]
6,126,742.46	9.73	8,010,342	10.94	1,384,099.54	23.52	INTEREST CHARGES Interest on Long Term Debt Amortization of Debt Discount & Expense Amortization of Premium on Debt-Credit Taxes Assumed on Interest Interest Charged to Construction-Credit	85,589,801.94	12.14	97,885,381	12.31	12,395,499.08	12,65
6,126,742.46 (2,460,169.99)	9.73 (3.91)	8,810,842 14,844,277	10.94	1,884,090,54 (17,104,446,99)	23.52 (116.80)	Other Interest Charges Total Interest Charges NET INCOME/(LOSS) FOR THE PERIOD	85,589,801.94 58,987,581.70	12.14 8.37	97,985,101 90,588,873	12.31	12,395,499.06 (31,611,291.30)	12.65

# CAGAYAN DE ORO CITY WATER DISTRICT CASH FLOW STATEMENT (For the Month Ended December 31, 2013)

	14.41. 44	F	Dunambau	24 2042
reor in	е молт	Елоеа	December	DJ, ZUIN,

CON	RENT MON	- me whore		AR TO DA	
ACTUAL	BUDGET	OVER /(UNDER) BUDGET	ACTUAL	BUDGET	OVER (UNDER) BUDGET
7	ALTONIO LAN DELEVIORE L'ALLONNINE /				
iii			ALE DAY 600 00	707 400 000	(401,289,199.3)
32,141,463.10		7,7			28 124 - 30
24,294,409.55	3,480,001	20,814,408.55	308,122,374.71	41,750,012	266,362,362.7
72 040 00	65 000	8.610.98	982,683,36	780,000	202,583.3
		(124,196.03)	7,374,500.43	7,440,000	(65,499.5
51,500.00	48,920	2,580.00		1.22	30,260.0
103,870,39		103,870.39			252,451.7
15,335.00		15,335.00	24	₩.,	621,473.5
	74,000	(16,970.67)		# 11/2 TO THE PARTY OF THE PART	(597,530.2
	180,000	- 222,299.00	5,774,434.44	2,160,000	3,614,434.
				- 10 miles	*
	- 10 <del>0</del> 1				*
380.00			<b>≟</b> , 11.	2	*
152.075.42		152,975.42	9,277,560.32		9,277,560.
			740 450 000 01	840 741 812	(121,591,002.
57,788,496.74	76,984,936	(19,190,439.20)	119,100,009.01	040,741,012	( in the three
20 270 076 44	33 015 600	(5 555 286 11)	401.126.049.25	405,787,554	4,661,504.
	12 (10 10 10 10 10 10 10 10 10 10 10 10 10 1		3000 CO (CO (CO ) (CO ) (CO ) (CO ) (CO )	114,643,896	13,229,595.
	8,000,000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			(3,014,810.
	20 201	(520,400.21)		460,572	
71.00		were			640,445
		4.0		10 C	9
242,087.00	242,001	17.5		28 AV (1927)	<u>.</u>
7.9	00.247		28 80 805 NOVEMBER 1870 NOVEMB		4
	5 - 4 THE PERSON AND ADDRESS OF	ADD 973.75	THE COMMUNICATION OF THE PARTY		2,914,394.
The state of the s			77		(1,235,477
					4,762,490
		- CO			48,484,861.
5,237,001.86		38.60			(3,334,644.
**	010,000	0 15,500.00	22		
		/4 600 750 50\		34.408.770	13,493,783.
1,509,789.59	<del></del>	(1,303,133,39)		188.90	
67,336,916.95	66,602,725	(734,191.95)			80,602,123.
(9,548,420.21)	10,382,211	(19,930,631.21)	(33,980,425.87)	(61 STABLE COLUMN - STANS	(40,986,879.
	121,328,806	(21,058,248.66)	124,703,562.86	124,703,563	
90,723,136.99	131,712,017	(40,988,879.87)	90,723,138.99	131,712,017	(40,988,879.8
	32,141,463.10 24,294,409.55 73,810.98 495,803.97 51,500.00 103,870.39 15,335.00 57,029.33 402,299.00  152,975.42 57,788,496.74  39,370,976.11 8,203,322.30 520,469.97 38,381.00 1,031,067.00 242,597.00  82,317.00 9,414,849.75 617,742.90 1,067,932.47 5,237,001.86  1,509,769.59 67,336,916.95 (9,548,420.21) 100,271,567.20	32,141,463.10 72,517,015 24,294,409.55 3,480,001 73,810.98 495,803.97 620,000 51,500.00 48,920 103,870.39 15,335.00 57,029.33 74,000 402,299.00 180,000 152,975.42 57,788,496.74 76,984,938 39,370,976.11 8,203,822.30 9,553,658 520,469.97 38,381.00 38,381 1,031,067.00 242,597.00 82,317.00 9,414,849.75 9,414,849.75 9,414,849.75 9,414,849.75 9,905,683 617,742.90 1,067,932.47 1,376,192 5,237,001.86 9,737,852 613,363 1,509,769.59 67,336,916.95 65,602,725 19,548,420.21) 100,274,557.20 121,328,806	32,141,463.10	32,141,463.10 72,517,015 (40,375,551.90) 385,837,660,68 24,294,409.55 3,480,001 20,814,408.55 308,122,374.71  73,810.98 85,000 8,610.98 932,633.36 495,803.97 620,000 103,870.39 15,335.00 15,335.00 15,335.00 15,335.00 16,970.87) 290,469.74 402,299.00 180,000 222,299.00 180,000 180,000 222,299.00 180,000 222,299.00 180,000 222,299.00 180,000 180,000 222,299.00 180,000 180,000 222,299.00 222,299.00 22,266,100 24,260,000 24,260,000 24,260,000 24,260,000 24,260,000 24,2	32,141,463,10         72,517,015         (40,375,551,90)         385,837,660,68         787,126,860           24,294,409,55         3,480,001         20,814,408,55         308,122,374,71         41,760,012           73,810,98         85,000         8,610,98         982,633,36         780,000           485,803,97         620,000         (124,196,03)         617,300,00         587,040           103,870,39         103,870,39         252,451,78         587,040         61,305,00         621,473,55           57,029,33         74,000         (16,970,87)         290,469,74         888,000         272,299,00         5,774,434,44         2,160,000           152,975,42         152,975,42         9,277,560,32         719,150,909,01         840,741,812           39,370,976,11         33,615,690         (5,555,286,11)         401,126,049,25         405,787,554           8,203,822,30         8,563,858         1,349,835,70         101,414,300,41         114,643,895           502,489,97         (520,469,97)         3,014,810,09         480,572           38,381,00         38,381         460,572,00         480,572           1,031,067,00         1,031,067         11,732,369,00         12,372,804           242,597,00         242,597         13,560,874,0

# for Cagayan De Oro City Water District) for Provincial Cities Water Supply Projec

## CAGAYAN DE ORO CITY WATER DISTRICT FUNDS FLOW STATEMENT

(For the One-Month Period Ended December 31, 2013)
(With Comparative Budget Figures for the Month Period Ended December 31, 2013)

	ou	RRENT MO	NTH	. Y	EAR TO DA	TE
	ACTUAL	BUDGET	OVER ((UNDER) BUDGET	ACTUAL	BUDGET	OVER /(UNDER) BUDGET
SOURCES OF WORKING CAPITAL						
OPERATIONS: NET INCOME /(LOSS) (net of RE adjustment)	(11,196,784.72)	14,644,277	(25,841,061.72)	36,665,106.27	90,598,873	(53,933,766,73)
ADD - EXPENSES NOT USING WORKING CAPITAL						
Depreciation and Amortization of Fixed Assets Amortization of Debt Discounts and Expenses Provision for Injuries and Benefits Reserve	5,849,617.42	6,104,331	(254,713.58)	63,522,902.73	73,251,972	(9,729,069.27)
Other Deferred Debits		-			15-15-	
TOTAL	(5,347,167.30)	20,748,608	(26,095,775.30)	100,188,009.00	163,850,845	(63,662,836.00)
LESS: INCOMÉ NOT PROVIDING WORKING CAPITAL						
Gain on Sale of Fixed Assets	1-1	-	1.4.	- 1		-4
TOTAL	(5,347,167.30)	20,748,608	(26,095,775.30)	100,188,009.00	163,850,845	(63,662,836.00)
Capital Contribution - GoVt Customers Contribution for Service Lines			2			-
Other Paid-in- Capital	40,994,730.00		40,994,730.00	43,235,426.50		43,235,426.50
Appraisal Capital					-	
Additional Loans Payable	(57,907,497.12)		(57,907,497.12)	(60,145,683.06)		(60, 145, 683.06)
Other Long Term Debts	(2,470,971.60)		.(2,470,971.60)	(4,941,943.21)		(4,941,943,21)
Retentions on Contract Payments			F	4.50		9
Proceeds of Sale of Fixed Assets			3.0			
Other Deferred Credits	981,757.46		981,757.46	(1,961,880.93)		(1,961,880,93)
Other Operating Reserves	ser the service of the service of	<u> </u>				
TOTAL	(18,401,981.26)		(18,401,981.26)	(23,814,080.70)		(23,814,080.70)
TOTAL SOURCES OF WORKING CAPITAL	(23,749,148.56)	20,748,608	(44,497,756.56)	76,373,928.30	163,850,845	(87,476,916.70)
USES OF WORKING CAPITAL						(
Additions to Utility Plant (includes Unclassified Utility Plant)	(45,877,549.96)	9,737,852	(55,615,401.96)	6,696,576.68	116,854,268	(110,157,691.32)
NET INCREASE ((DECREASE) IN WORKING CAPITAL	(69,626,598.52)	11,010,756	. 11,117,645.40	59,677,351.62	46,996,577	22,680,774.62

# 6 - 29

## CAGAYAN DE ORO CITY WATER DISTE. SCHEDULE OF CHANGES IN WORKING CAPITAL

(For the Month Period Ended December 31, 2013)

	OURRE	NT MO	DNTH	YEAR	TO	DATE
	ACTUAL	BUDGET	OVER /(UNDER) BUDGET	ACTUAL	BUDGET	OVER (UNDER) BUDGET
INCREASE /(DECREASE) IN CURRENT ASSETS						
Cash Special Deposits Working Funds Temporary Investments Accounts Receivable-Customers (NFS#8) Advances to Officers and Employees Accounts Receivable-Others Allowance for Bad Debts Materials and Supplies Prepayments Other Current Assets and Other Debits Other Deferred Debits Unamortized Debt Discount and Expenses	(9,548,420.21) 110,910.32 0.00 0.00 6,777,325.86 (116,525.94) 1.00 (241,667.00) 1,590,514.74 (3,670,236.59) 0.00 (147,299.89)	N/A	N/A	(36,020,180,37) 8,901,628,37 (5,000,00) 22,583,879,00 908,374,57 (65,701,00) 9,878,95 (2,658,337,00) 9,349,208,77 (1,317,929,42) 0,00 8,769,502,99 0,00	N/A.	N/A
TOTAL	(5,245,397.71)	N/A	N/A	10,455,324.86	N/A_	N/A
INCREASE ((DECREASE) IN CURRENT LIABILITIES						
Current Portion on Long Term Debts GSIS/SSS Accounts Payable Customers' Deposits Medicare Payable Interest Payable Withholding Taxes Payable Other Current and Accrued Liabilities Injuries and Benefits Reserve	55,078,256.53 23,870.73 0.00 (375.00) 0.00 1,564,546.28 7,715,002.27	N/A	N/A	24,780,866.87 6,769,494.69 0.00 2,987.50 0.00 1,231,450.39 14,085,820.77 0.00	N/A	N/A
TO TAL  NET INCREASE (DECREASE) IN WORKING CAPITAL	64,381,300.81 (69,826,698.52)	N/A N/A	N/A N/A	46,870,620.22 (36,415,295.36)	N/A N/A	N/A N/A

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## CAGAYAN DE ORO CITY WATER DISTRICT DETAILS OF UTILITY PLANT IN SERVICE

For the Month Ended December 31, 2013 (With Comparative Figures for the Period Ended December 31, 2012)

	ACTUAL THIS	MONTH	. THIS MONTH L	AST YEAR	OVER
	AMOUNT	%YO TOTAL	AMOUNT	%TO TOTAL	(UNDER)
UTILITY PLANT IN SERVICE : (NFS #2)					
Intangible Plant - Organization	2,106,586.48	0.11	2,106,586.48	0.12	0.00
Land and Land Rights	36,720,154.95	1.91	36,716,654.95	2.01	3,500.00
Structures and Improvements	20,897,375.34	1,09	20,427,475.43	1.12	469,899,91
Spring and Tunnels	5,000.00	0.00	5,000.00	0.00	0.00
Wells	105,015,725.55	5.45	105,015,725.55	5.74	0.00
Structures and Improvements	67,232,684.65	3.49	67,215,561.85	3.68	17,122.80
Power Production Equipments	35,020,122.65	1.82	23,906,765.55	1.31	11,113,357.10
Pumping Equipments	132,495,188,19	6.88	97,225,441.25	5.32	35,269,746.94
Water Treatment Equipments	6,305,804.35	0.33	5,195,906.35	0.28	1,108,898.00
Structures and Improvements	17,463,201.01	0.91	17,456,979.01	0.95	6,222.00
Reservoirs and Tanks	31,124,565.45	1.62	31,091,052.10	1.70	33,513.35
Transmission and Distribution Mains	932,497,963.19	48.42	929,052,510,02	50.81	3,445,453,17
Fire Mains	3,423.70	0.00	3,423,70	0.00	0.00
Service Connections	216,746,628.41	11,25	207,665,114,87	11.36	9,081,513.54
Meters	178,050,599.12	9.25	161,286,169.78	8.82	16,764,429.34
Meter Installations	7,322,488,53	0.38	2,834,014.00	0.15	4,488,474.53
Hydrants	6,714,114.83	0.35	6,660,830.68	0.36	53,284,15
Structures and Improvements	25,855,795.38	1.34	25,165,943.15	1.38	689,852.23
Office Furnitures and Equipments	24,576,966,65	1.28	22,522,153.22	1.23	2,054,813.43
Transportation Equipments	32,231,737.98	1.67	25,358,837.78	1.39	6,872,900.20
Stores Equipments	38,900.00	0.00	21,900.00	0,00	17,000.00
Laboratory Equipments	4,812,183.28	0.25	1,449,873.65	0.08	3,362,309.62
Communication Equipments	3,864,799 38	0.20	3,165,036.50	0.17	699,762.88
Power Operated Equipments	22,890,275.75	1.19	22,574,348.50	1.Z3	315,927.25
Tools, Shop and Garage Equipments	15,871,588.31	0:82	14,385,030.18	0.79	1,486,558.13
Surveying instruments and Accessories	41,207.82	. 0.00	41,207.82	0.00	0.00
OTAL UTILITY PLANT IN SERVICE	1,925,905,080.95	100.00	1,828,550,542.38	100.00	97,354,538,57

## CAGAYAN DE ORO CITY WATER DISTRICT NOTES TO FINANCIAL STATEMENTS December 31, 2012

## 1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

1.1 Basis of Financial Statements

The financial statements have been prepared in accordance with generally accepted accounting principles applied on a consistent basis.

The chart of accounts provided for in Local Water Utilities Administration's Commercial Practices Manual for Water Districts is used in the recording of the District's financial transactions and presentation of the financial statements.

1.2 Allowance for Bad Debts

Provision for Allowance for Bad Debts is based on 2013 approved budget. Annual Allowance for Bad Debt totaled P2,900,004.00 with an average monthly allowance of P241,667.00.

1.3 Prepaid Expenses

The District adopts the asset method in recording payment for insurance, and vehicle registration which are amortized monthly throughout the period of coverage.

1.4 Materials and Supplies

The District uses the asset method in recording materials and supplies. Expense is recognized upon Issuance of the items stored in stocks.

1.5 Cost of Land

ώ

Direct cost of land acquired and other incidental expenses are capitalized as part of the cost of land.

1.6 Property and Equipment

Utilities plant in service are carried at cost less accumulated depreciation. Depreciation is computed using the straight-line method over the estimated useful lives of the properties ranging from 5 to 50 years after deducting the residual value which is 10% of the original cost of the asset from the total cost of the asset.

The cost of maintenance and minor repairs is charged to expense as incurred, while major repairs, which prolong the life of the assets are capitalized. When assets are retired or otherwise disposed of the cost and related accumulated depreciation and amortization are removed from the accounts and any resulting gain or loss is charged to current operation.

1.7 Revenue Recognition

Revenues are recorded using the accrual basis of accounting

2. UTILITY PLANT IN SERVICE

Items under the Utility Plant in Service are stated at cost.

The breakdown of this account is shown below.

	2013	2012
intangible Plant	2,105,586.48	2,106,696.48
Land and Land Rights	35,720,154.95	30,710,054.95
Source of Supply Plant	125,918,100.89	125,448,200.98
Fumping Plant	234,747,995,49	188,347,768.65
Water Tradment Plant	6,305.804.35	5,196,906.35
Transmission & Distribution Mains	1,399,922,984.24	1,358,050,094.18
General Plant	130,163,454.55	114,664,330,81
00/10/217 (8)1		
Total	1.925,905,080.95	1,828,550,542.38

SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water Supply Project Phase III Final Report

## 3. Construction Work in Progress

Construction Work in Progress includes all on going construction for utility plant which are not ready for use at balance sheet date.

The account consist of the following:

THE RESERVE OF THE RE	2013	2012
Construction Work in Progress of Major Works - Youngsville Project (P5000000 toan)	6,100.00	6,100.00
Construction Work in Progress of Major Works - Administration Projects	8,482,231.54	2,928,309.52
Construction Work in Progress of Major Works - REHAB (SENDONG).	26,667.16	87,762.20
Total for Construction Work in Progress of Major Works	 8,514,998.70	3,022,171.72
Major maintenance works by administration	6,343,973.60	5,417,833,67
Major maintenance works - REHAB (SENDONG)	 2,875,454.01	42,383.28
Total	 17,734,426.40	8,482,388,67

## 4. Investment and Fund Accounts

Other Physical Property consist of land owned by the District but are not being use

## 5. Cash

Cash includes undeposited collections and deposits in banks available for general expenditures incurred in operations.

		Balance as of
Cash	×	. 12/31/13
Cash on Hand		2,889,281.68
Cash in Banks:		146
PNB		420,408.28
Development Bank of the Philippine		70,977,463.46
Development Bank of the Philippine	s - Donations from various Water Districts (SENDONG)	653,467.65
Development Bank of the Philippine	e - LVALIA GRANT thru Off Of Pres	13,123,907.31
Development Bank of the Prinippine	s - COWD Online Collection Account	27,033,92
	S - COVED ONITHE Confection Account	146,229.13
Philippine Veterane Bank	Was a second and a	1,409,568.31
United Coconut Planters Bank		232,403.02
Queen Bank		
Land Bank of the Philippines		193,901.60
Postal Savings Bank		221,307.41
Maybank		234,506.18
- Amanah Bank		193,589.04
Total Cash in Bank		87,833,855.31
Total Cash		90,723,136,99

## DETAIL - Development Bank of the Philippines - LWUA GRANT thru Off. Of Pres. Total Grant

Less: Disbursements Add: Interest Income Less: Bank Charge CASH BALANCE, END 53,791,009,80 (40,873,049,66) 206,763,97 (807,00) 13,123,807,31

This account consists of cash deposited to the following	This	account	consists	of	cash	deposited	to	the	tollowin
--	------	---------	----------	----	------	-----------	----	-----	----------

Office		Purpose	Bai. as of 12/31/201.
CEPALCO	Electric bill deposit		5,162,336.71
MORESCO	Electric bill deposit		83,775,72
VISORTEL'	Telephone deposit		51,417.00
COACO	oxygen/acetylene tank deposit		2,500,00
Mabuhay Vinyi Corp.	gas chlorne tank depsoit		489,000.00
City Treasurer's Office	bond of projects		1,922,868.09
Metropolitan Circuit Trial Court	bond of projects		10,000.00
DPWH R-10	bond of projects		254,495.55
Pryce Corp. Inc.	tank-deposit		7,000.00
and Bank of the Philippines	general reserve		1,183,983,19
	guarantee deposit		17,460.78
end Bank of the Philippines	special deposit		26,938,812.55
Development Bank of the Philippines	A CONTRACTOR OF THE CONTRACTOR		2.031,934.99
Development Bank of the Philippines	guarantee deposit		150,000,00
Cagayan de Oro Corporation	Deposit		9.897,121.26
COWDILWUA JSA Reserve Fund	Reserve Fund		
		Total	48, 192, 695, 83

## Working Fund

0

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Working Fund Includes Petty Cash Fund and Change Fund given to designated disbursing officers and tellers. The Petty Cash Fund is operated on an Imprest system.

## Accounts Receivable - Customers

ue on open accounts arising from the services rendered to customers for water sales and incidental services.

This accoun	it consist all amount	di
	A CONTROL TO A COURT OF STREET	

59.838.446.66 MONTHLY BILL (net of adjustment) 2,609,693.29 PENALTY 1,113,275,77 RETURNED CHECKS & ADJUSTMENTS (56,559,758.10) COLLECTIONS

(224,331,76) WATER BILL PAYMENT THRU PAYROLUPERA/BENEFITS 6,777,325.86

NET INCREASE/(DECREASE) OF AR 240.097.792.49 245,875,118.35 Add: A/R - beginning

The following are the amounts in Pesos of inactive accounts which are part of the total Accounts Receivable from Customers for the last quarter of CY 2013. (Data taken from CSD) Inactive amount is net of disconnected accounts to be writen-off involving 4,610 concessionaires covering the period from 1986 to 1991 with a total amount of Ph3,554,406.77.

The same was approved by the Board of Directors, this District, per Board Resolution No. 141 dated Dec. 20, 2000. (Refer JV 7-23-03)

Jan.	146,833,680,88	 10	Feb.	147,848,198.05	-	Mar.	148,640,775.57
Apr	147.779.790 13		May ·	161,539,881.26	make the	Jun.	152,099,164.64
Jul.	151,811,626,24		Aug.	151,837,629.48		Sep.	152,504,231.61
Oct	152,771,928,68	 -54	Nov.	149,528,705.83	, 1	Dec.	149,504,925.34

## 9. Accounts Receivable - Others

recounts recorred			
This account consist of the following balances:  A/R - Offcers & Employees  A/R - COWD Provident Fund  A/R - COWD Retirement Flan  A/R - Gov't Agencies  A/R - Associations  A/R - Customers  A/R - Ex-employees  A/R - Ex-employees  A/R - Electric Co.  A/R - Employees of Other WD	803.13 9.00 200 245,322.92 1,727.06 112,053.15 2,393.71 63,844.00 1,150.00 427.293.96	A/R - Hotels A/R - Hospitals A/R - Hospitals A/R - Insurance Cos. A/R - Insurance Cos. A/R - Subd/ys. A/R - Schools A/R - Suppliers A/R - WDs A/R - Contractors A/R - Contractors	9,089.66 2,129.56 13,658.36 132,185.35 300,757.04 33,236.28 5,155.73 86,761.53
Sub-total	421,290,90	Total	48,914.61 1,059,082.08
		1000	1,000,002,00

12 500 02

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## 10. Materials and Supplies inventory

This account includes items stored in COWD warehouse, such as office supplies, janitorial supplies, fuel, qil & lubricants, plant materials, operating supplies, chemicals, construction materials, finished goods, tools, meters and other supplies.

## 11. Prepayments

This account consists of the following:

And the second s	0.04	MAYVU	12,000.02
Officers & Employees	414,898,25	PRPD-Obando Admo(COWDBugo)	22,000.00
Insurance Co.	0.00	PRPD-BurofTreasury(FidBond)	36,562.50
MPSC-Cowd Scholars		PRPD-Globe Telecom	0.00
	29,053.65		0.00
LTO'	3,125.02	PRPD-Malasag COOP Project	U.\$14707500
PAWD-Annual Dues	0.00	PRPD-Normin NRMC	0.00
CDO Chamber of Commerce	0.00	PRPD-Ticket	0.00
PAWWA .	74,891.09	PRPD-Realty Tax	- 0.00
NWRB - *	0.00	PRPD-LWUA Pretermination Fee	0:00
PRPD-Advertisement			593,030,57
FRED-Advertisement.	521,968.05	Total .	030,000,01

Sub-total ·

## 12. Other Operating Reserves

This account is set up for the Expansion of Operating Reserves in the amount of P3,170,523.00, which was taken from the COWD-DBP General Fund and transferred to a new account at Postal Bank. This reserve was approved by the Board of Directors per Board Resolution No. 159, 9-03 dated Sep. 24, 2003. On Sep. 30, 2008, the amount of P3,170,523.00 plus the accumulated interest of P755,010.49 was transferred to DBP-Corrales as holdout deposit for the DBP-P502.011 Million Refinanced Loan.

## 13. Current Portion on Long Term Debt

This account pertains to the portion of long term debts which will fall due within one year from the balance sheet date.

## 14. Deposits by Customers

This account pertains to the deposits made by customers normally before the extension of any service connections as security for the payment of subsequent bills, or as a meter deposit.

## 15. Other Current Liabilities

This account consists of the following:

	11,980.32
Officers & Employees	925,185.00
Legal Counsel (Notarial Fee)	702,940.09
COWD Coop	
COWD Provident Fund	31,040.66
	386,279.19
PAGIBIG ·	16,385,262.38
Suppliers	0.44
Insurance Companies	21,374.00
Associations	19,971.68
Hospitals ·	8.458.151.76
CEPALCO/MORESCO	8,853,015.00
Various Payables	4,575.35
Refunds	6,301,627,73
Retention on contract payments .	0.00
LWUA-interest on Long-term debt	961,465,46
OCAL-Sendong	43,060.869.06
Total	40,000,000,00

	SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water S
	strict)
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	Cities
	Water
	Supply
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nal Report	Supply Project Phase III

				All and the second		Bank of the Philippines, I				C being an ac
	Year	Lender	Interest	Maturity			Repayment	Principal	Repayments	Balance as of
Title	Contracted	Institution	Rale %	Date	-	Profile Comments of the Commen	Period (years) 26.00	6,000,000.00	4,202,206.21	787.793.70
Phase II - A Prod. Wolle	10/1/1983	LWUA		1%	12/31/2016		26.00	95,079,394.29	34,993,740.83	00,085,053,44
Phase II-B Project - Schedules A, B & C	2/11/1988	LWUA		3%	7/31/2021	8/31/1995	26.00	520,128,000,00	JA 1000 17 40 .00	Cojacojacozi
Phase III - 520 128M	5/30/1996	LWUA		3%	9/30/2031	10/31/2005	20.00	(9.334.840.00)		
Less Payment as of 09/2008	9.1							510,703,160.00		
Balance					J. J			(290,118,104.00)		
Less Amount refinanced by DBP						1 WALKERS	23.08	214,075,056.00	7	- V*
Loan Amount - Phase 3 214 6M	34			3%	9/30/2031	9/30/2008	20.00	(10,144,575.00)	To 10 10 1	-
Less: Payments as of April 2013	The second second							264,530,481,00	The second	
7.0.2.								The second secon		
Less: Amount-efficanced by USP							,	(183,623,730.10)	419,205.00	20,487,485.90
Balance for amortization	100000000000000000000000000000000000000							20,906,750.90	419,205.00	20,401,400.80
Phase 3 - 191.121 M	7/5/2008	LWUA		3%				187,121,000.60	<del></del>	
Less Payment as of 08/2006	1,0,2002					0		(2,320,113.00)		
					1	A		188,800,887.00		
Balance Less Amount reference by DBP				- 1				(188,800,887.00)		-
				- T-	1		17	*	-	
Balance 3Phace III - 200M	8/31/2006	LWILA	12.5%		12/31/2026	- 1/31/2007	20.00	100,000,000.00		
SPRAGE III - ZUUM	DIS SECULO	COVIDE TO	13.5%	-		The second second		100,000,000 90		100
				1,795				200,000,000.00		
Total		-				000		(20,679,953,00)		
Less: Payments se of April 2013						il construction of the second		179,321,147.00		
Balance				-	-	V		(179,321,147.00)	1	
Less: Amount refinance by DBP				-		1 2 °		0.00	0.00	0.00
Batance	2/3/2009	CLARIA	7.6%		11/30/2016	12/31/2011	5.00	4,108,071.24	1,527,510.00	2,580,561.24
Youngswille WSS & t08M	27.572009	LUUUM					a	418,862,624.63	41,142,722.06	83,951,494.37
Total - LWUA LOANS	MATE TODAY	000	- 0	.00	9/30/2023	10/30/2008	. 15.00.	502,011,688.62	106,336,869.89	
1502.011 M Refinanced Loan	9/30/2008		7.6%	.uv	5/30/2028		15.00	. 370,203,774.64	14,396,813.48	355,806,961.16
370,203M Refinance Loan	5/30/2013	DBH	1.0%		OF SOF ZOZO	0,00,2010		0. (0.4)	The second	
							18 18	1,291,077,904.79	161,878,405.43	835,431,254.26
Total - LWUA & DBP				1			Less Current Portion		57,559.	

•							
in the pain.					Acct 211	Acct_225 -	and war the
SUMMARY:					Long-term Loans	Current Portion	Total Loans
L LWUA					404,985,79	392,808.00	797,793,79
g-057 Phase II -A Prod. Wells	565				55,328,885,88	4,756,767,56	60,085,653.44
1-051 Phase II-B Project - Schedules A.	BAC				20,148,260.90	339,225.00	20,487,485.90
3-747 Phase III - 520.128M					0.00	0.00	0.00
4-231 Phase III - 200M					1,758,420.24	822, 141.00	2,580,561.24
4-254 Youngsville WSS-4.108M					77,640,552,81	6,310,941.56	83,951,494.37
TOTAL LWUA					Priorio, ocaro.	Aban 2022 2002	140
1. DBP					and the shoot	A COLUMN CONTRACTOR	
					369,104,131.69	26,568,667.04	395,672,798.73
2008-502.011M Refinanced Loan					331,126,709.48	24,680,251.68	355,806,961.16
2013- 370.203M Refinanced Loan					700,230,841.17	51,248,918.72	751,479,750.89
			COAND TOTAL		777,871,393,98	57,559,980.28	835,431,254.29
a Francisco de la composición dela composición de la composición de la composición dela composición dela composición dela composición dela composición de la composición de la composición dela composición	The first except of edena-	8. 10. pg 10.00	GRAND TOTAL		777,871,393.98		
The amount of Php502,011,668.662 was cre	edited to LWUA's LBP-C	ommonwealth bran	nch saving accour	nt no. 611357465-9 on	September 30, 2008 and		
The amount of Php502,011,668.662 was cre LAN-	Loan Outstanding	Application of the	nch saving accour 2% Preterm.	nt no. 511357455-9 on Total Refinanced	September 30, 2008 and Outstanding		
	edited to LWUA's LBP-C Loan Outstanding as of Aug. 2008	Application of the 50% loan	nch saving accour	nt no. 611357465-9 on	September 30, 2008 and		
	Loan Outstanding	Application of the	nch saving accour 2% Preterm.	nt no. 511357455-9 on Total Refinanced	September 30, 2008 and Outstanding		
LAN-	Loan Outstanding	Application of the 50% loan	nch saving accour 2% Preterm.	nt no. 511357455-9 on Total Refinanced	September 30, 2008 and Outstanding		
LAN- 1-051	as of Aug. 2008	Application of the 50% loan	nch saving accour 2% Freterin. Fee	nt no. 611957455-9 on Total Refinanced Amount	September 30, 2008 and Outstanding Balance		
1-051 1-057	as of Aug. 2008 79,122,331.80	Application of the 50% loan	z% Preterm. Fee 5,922,362.08	nt no. 511957455-9 on Total Refinanced Amount 302,040,466.08	September 30, 2008 and Outstanding		
1-051 1-057 3-747	79,122,331.80 2,440,640.00 540,793,160.00	Application of the 50% loan outstanding	nch saving accour 2% Freterin. Fee	nt no. 611957455-9 on Total Refinanced Amount	September 30, 2008 and Outstanding Balance		
1-051 1-057 3-747 3-840	Loan Outstanding as of Aug. 2008 79,122,331.80 2,440,640.00 510,793,160.00 188,600,887.00	Application of the 50% loan outstanding 296,118,104.00 188,800,887.00	z% Preterm. Fee 5,922,362.08	nt no. 611957455-9 on Total Refinanced Amount 302,040,466.08 192,576,904.74	September 30, 2008 and Outstanding Balance		
1-051 1-057 3-747	79,122,331.80 2,440,640.00 540,793,160.00	Application of the 50% loan outstanding 296,118,104.00 188,800,887.00	z% Preterm. Fee 5,922,362.08	nt no. 511957455-9 on Total Refinanced Amount 302,040,466.08	September 30, 2008 and Outstanding Balance		

The amount of Php370,203,774.64 was credit	red to LWUA's LBP Co	mmonwealth Brat	nch Savings Accoun	it No. 511357455-9 on	May 30, 2013 and was	applies as follows:	
LAN	Loan Outstanding as of Apr. 2013	Application of the 80% loan outstanding	2% Preterm. Fee	Total Refinanced Amount			
1-061	63,500,316.61		-				
1-057	1,020,592.00	A Date of the Land		*** *** ***			
3-747	204,530,481,00	183,623,730.10	3,672,474.60	187,296,204.70			
4-2317	179,321,147.00	179,321,147.00	3,586,422.94	182,907,569.94			
4-2547	3,095,481.24 451,468,017.85	362,944,877.10	7,258,897.54	370,203,774.64			
TOTAL							
The pretermination fees charged by LWUA ar	nd the front-end fees/c 2% Preterm Fee LWUA	Doc stamp	ps charged by DBP Start of Amort	are being amodized to No. of years	r 15 years as follows: Total Amount	Per Annum	Per Month
all activities a more from	0.000.070.00	DBP	Owt 2006	15.00	16,350,045.09	1,090,003.01	90,833.58
502.011M Refinance Loan 370.203M Refinance Loan	9,698,379.82 7,258,897.54	6,651,665.27 2,905,039.00		15.00	10,163,938.54	677,595.77	56,468.31
<ol> <li>Other Long Term Debt-Johndorf Ventu Per Board Resolution No. 153 S-10 dated that Johndorf will be reimbursed of the ac</li> </ol>	Albumanicae CO DOSOLIA	hich approved the	Memorandum of A	greement (MOA) betwee	en COWD and Johnor	orf Ventures Corporate	on,
that Johndon will be reimbursed of the ac three (3) years on a quarterly basis. The c	tual expenses incurred computation is as follow	vs:	ag-ing Cis nomes	TO THE COAND 2 MIGHT &	rates copply tipe and	addit & pajama, isin	
Actual amount for the contract		P	8,328,262.10				
Less: Deductions	Tour		(mary 2014 201)				
. Water Payments Collect			(828, 374.28)				
Cost of Seepage per M	OA		7,412,914.82				
Net Payable to Johndorf Ventures			17,412,514.52				
Divide: Payment Period  Ouarterly Payment to Johndon			617,747.90				
Qualterly Payment to Johnson							
			¥				
4							
Principal Amount		P	7,412,914.82				
Less: Payments (Jan. 2012-Dec. 2013	3)		(4,941,943.20)				
Balanca as of December 31, 2013		P	2,470,971.62				
Alta Gallander Company and Company							
<ol> <li>Government Contributions</li> <li>Capital Contibution - Government cons</li> </ol>	elet of						
A City Government	SISE OF						
Fixed Assets turned over by the City	Gov't to WD on Dec.	31, 1973 , net of	P1,035,562.30			544,711,22	
<ul> <li>Less: Land reverted to donors (JV 1)</li> </ul>	2-60-05)					(18,900.00)	
<ol><li>AVR -Gustamers turned over on Dec.</li></ol>	31, 1973					167,199.08 28,419.94	
<ol><li>Cost of Cogon Market Pipeline</li></ol>						721,430.24	
Sub-total						121,100.21	
B. USAID Grant	005/					145,495.16	
Regional Water Supply Training & Lib Total	ialy.					856,925.40	
19. Other Paid in Capital							
This account consist of donated capital for	the following:						
Laboratory Equipments	(3.7					102,504,19	
Transmission and Distribution Mains						42,631,006.51 86,950.00	
Office Furnitures & Focures						843,073.25	
Distribution Lines						2,622,454.25	
Fire Hyrants						941,247.09	
M.STE-Iponan, Westfield Home URIS(by LWUA Sendong Grant)						12,626,981.13	
UPIS-JICA Donation						40,994,730.00	
UPIS-TranspoEquip-Geo-Transprt						763,000.00	
Total						101,591,946.42	
2 200							

6 – 36

The total amount of P28,442,834.00 was taken up representing under valuation of land and land rights and booked up per JV 11-36-96 and JV12-51-96. The amount of P177,600.00 representing appraisal cost of land reverted to donors per JV 12-20-05. Breakdown of parcels of land-and its corresponding appraisal cost are as follows:

Location -	Area sq.m.	Appraisal Cost
Aluba Reservoir	1441	386,057,50
Balulang PW No. 14	300	42,325.00
Balulang PW No. 4	200	1:20,000.00
Balungis PW No. 17	300	90,000,00
Bantiles, Bugo PW No. 11	400	103,127.25
Bentola PW No. 2	600.	220.000.00
Bontola Reservoir	2784	395,232.00
	482	96,400,00
Bugo, Reyes PW No.5	420	37,800,00
Bugo Reservoir	150	.21,000.00
Bugo PW No. 6	1409	650,008.18
Calaanan PW No. 10	400	165,010.00
Calaanan PW No. 12	400	167,780.00
Calaanan PW No. 15		172,000.00
Calaanan .	396	187.844.37
Camaman-an Reservoir	2698	
Carmen	120	93,600.00
Carmen Reservoir	3600	879,650.00
Corrales Ave.; Main Bldg.	991	9,806,307.00
Gaston Park	281	269,760.00
Greehills Reservoir	420	252,000.00
Gusa	490	161,700.00
Kauswagan Shop Bldg.	4789	6,055,985.00
Macasandig Booster Pump	750	810,000.00
Macasandig PW No. 1 Operation Bldg.	1620	2;218,600.00
Macasandig PW No. 4	116	115,416.00
Macasandig PW No. 7	1200	540,000.00
Macasandig PW No. 8	432	140,560.00
Macasandio	252	70.18
Macasandig PW No. 3 & 3A	254 -	189,616.56
Macasandia ·	348	156,600.00
Macasandig PVV No. 9	7743	3,677,925.00
Macasandig Old Pump	218	320,460.00
Total		28,442,834.04
Land reverted to donor	-150	(21,000.00)
Land reverted to donor	348	(156,600.00)
Balance as of 012/31/2012	- Manager Ma	28,265,234.04
and the second s		

SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water Supply Project Phase III Final Report

# 21. Major Commitments Made in CY 2004

A Bulk Water Supply Agreement (BWSA) was enterd between Cagayan de Oro City Water District (COWD) and Rio Verde Water Consortium, Inc. with conforme by LWUA on Dec. 23, 2004.

The BWSA was covered with a supplemental agreement on Jan. 21, 2005. The amended agreement stipulated that Rio Verde will supply treated bulk water to COWD, and the latter in turn guaranteed to purchase at least Forty Thousand (40,000) cubic meters per day of the said treated bulk water throughout the Contract Period of 25 years to start on CY 2007

2

Basi				Total 2474 4774	(2)		
ne ·		587,525.05		247,404,128 89,846,830			
chise		,756,303.12	9 20	3,697,984			
		266,987.68		340,845,913			
Total	134,335,097.72 206	610,815.85	Validation within 40 days from toos				
R-10 sent a no	tice dated 02/28/07 informing	the Diamict to seme the said is	ix liability within 10 days from rece	and to avair the one min	~, '		
nistrative Abate	ment until 03/30/07.	District will	only pay the 2007 franchise tax w	mile the appeament is still to	inder		
		greement that the District will	only pay the 2007 handine tax h	THE UKE RESCOUTTERED STATE	· ·		
al with the DOJ		to Diatrict Eunda from it dans	sitory banks. The garnishment wa	is litted on 04/25/07. The Dis	trict		
babaala fiana	Cordeled the gamannem of	ne District i ulius nom it nepo.	and y Danes. The garment see		-		
he basic franci 197-2003	iise tax ioi.				10	2008	
	ned deposit - ROR# 26606 dtd	05-02-07		87;586.	20 Jar	- Mar 2008	2,835,5
Poets Rank A	amished deposit dtd. 05-03-0	, 50 52 01		17,235.			953,4
CV#05-55 dtd	05.10.07			12,000,000	.00 Ma		940,2
CV#06-254 dts				5,000,000			984,5
CV#07-156 dtd				2,000,000			950,4
CV#07-256 dtd				3,000,000.			981,2
CV#07-259 dtd				2,000,000.			. 974,3
CV#09-61 dtd				-2,500,000			960,6
CV#11-229 dtd				500,000.			992,2
Year 2011 (Ac				8,985,705.			983,4
Total				36,090,627.		Total	11,556,1
The second secon	lance as of 12/31/2011			0.	The state of the s	s Withheld Taxes	88,2
	- JV#06-033-11			6,063,622	84 Net	Tax Pald	11,467,8
Payments:	7			S		N	
Year 2012 (Ac	cumulated) .			5,053,522		2012	
Remaining Bal					00		240-
	- JV#06-033-11			6,562,738.			
Payments:	A TOTAL POPPO CO			200	. Fel		
Year 2012 (Ac	cumulated)			6,562,738.			
Remaining Bal					DO Apr		
Carrier Carrier				9,794,937			
					Jur		
					Jul		
					Aug		
				+ (2)	Sei		
		2010	المعاسب المائدات		Oti Oci		
Jan.	981,355,84	Jan.	1,017,870.86	Jan.	1,075,089.41 Nov		
Feb.	961,422.15	Feb.	990,648.25	Feb.	961,556.32 Dec		
Mar	966,991.06	Mar	993,568.22	Mar	1,014,005.93	11,151,266.	30
Apr	1,036,887.42	Apr.	1,083,732.96	Apr	1,011,284.99		
Ma.	1,010,809.94	Ma.	986,118.35	Mu.	1,033,684.76	2013	
Jun	1,004,488.87	Jun-	1,032,311.43	Jun	1,069,739.96		26
Jul	987,837.71	Jul -	1,041,104.73	Aul	1,055,174.97 Jan 1,081,839.83 Feb		
Aug	1,038,028.80	Aug	1,060,164.68 1,042,640.32	Sep	1,060,272.80 Mar		
Sep	1,033,455.70	Sep	1,035,156.92	Oct	1,300,033.18 Apr		
Oct	1,000,908.05	Nov	995,903.77	Nov	1,299,404,29 Ma.		
Nov	1,006,582.13	Dec	1,047,699.48	Dec	835,825.78 Jun		
Dac	1,005,987.60	Dec	1,011,000.10	2.0	Jul	1,015,110.	74
Total	12,034,755.27	Total	12,326,919.97		12,798,812.22 Aug	1,050,631.	27
	32,515.13	iviai	39.947.47	Less Withheld Taxes	100,202.65 Sep		
Vithheld	12,002,240.14		12,286,972,50	Net Tax Paid	12,698,609.57 Oct		
x Paid	12,002,240.14	"		-	· Nov	1,030,288.	29
		100			Dec		

SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water Supply Project Phase III Final Report

from Jan. to Aug. 2007.

 March 2013 - Bulk water supply registered in the monthly consumption report is only 1,072,390 due to cut-off on March 27, 2013. Total Cu.m. of 1,217,770 is total supply as of March 31, 2013.

- NO.	Pesos	cu.m.	cu.m.	du.m.	
76	Paid	per P.O.	Delivered	Paid(per 40,000 req)	
Jan.	12,736,773.50	1,240,000.00	1,247,400.00	1,218,830.00	
Feb.	11,534,501.00	1,120,000,00	1,119,490.00	1,103,780.00	
Mar	12,608,029,50	1,240,000.00	1,217,770.00	1,206,510,00	
Apr	11,872,663.00	1,200,000.00	1,151,140.00	1,136,140.00	
May.	12,622,659.50	1,253,200.00	1,248,220.00	1,207,910.00	
Jun	13,986,384,50	1,341,600,00	1,378,340.00	1,338,410.00	
Jul	12,935,532.50	1,240,000.00	1,262,100.00	1,237,850.00	
Aug	12,949,117.50	1,240,000.00	1,262,900.00	1,239,150.00	
Sep	12,417,317.00	1,200,000.00	1,218,040.00	1,186,260.00	
Oct	12,693,719.50	1,240,000.00	1,245,950,00	1,214,710,00	
Nov	12,527,460.00	1,200,000.00	1,214,300.00	1,198,800.00	
Dec	12,931,143.50	1,240,000.00	1,255,070.00	1,237,430.00	
Totals	151,815,301,00	14,754,800.00	14,820,720.00	14,527,780.00	

mr.	A	Deferred	Datista	14421
24	Diner	Deferred	DEDIES	[140]

0

The breakdo	Own of this account are the following:  Visayan Surety Injunction Bond  DBP Pretermination Fees  DBP Pretermination Fees (2013)  Land Transer Cost Deserted Costing  Non-moving Items for disposal  DEFDR- Johndorf/Citinomes  DEFDR-COWD Healthcare Program  Total  Amortization  LWUA Pretermination see 2013 (10,163,936.54 for 15 years)  Balance	400,407,96 16,350,044,43 10,183,936,54 .193,658,56 239,500,20 0,00 2,269,656,00 29,606,602,69 5,722,516,54 -395,264,17 23,488,822,98	(see NFS# 16) (see NFS# 16)	
		Amount	Amend Descriped	

LWUA P Balance	retermination fee 2013 (10,163,936.04 for 15 years)	23,488,822.98			3
Reference Date	Particulars	Amount	Amort Pariod	Annual	Per Mo.
LWUA OAB#10	10/3/2008 Preterm. Fee of Accounts refinanced by DBP: LA 3-747 (2061 18104*2%) LA 3-840 (188800867*2%) Total - LWUA **	6,922,362.08 3,776,917.74 9,698,379.82	15.00	645,558.65	53,879.89
Disclosure Stati on Loan/Cradit Trensaction Docstamp Declaration/Return re:Mo		3,137,572.93 2,510,059.00 6,647,631.93 1,004,033.34			
CV No. 10-052	10/30/2008 Total-DBP	6,651,665.27	15.00	443,444.35	36,953,70
	Grand Total - LWUA/DBP Total per Annum Total per Month	16,350,045.09		1,090,003.01 90,833.68	90,833.58

Oct-Dec. 2008

The DBP Pretermination Fees are being amortized over lifteen years starting Oct. 2008.

### 25. Additional items included in the total amount of Other Deferred Credits

Other Deferred Credit account includes the following:

LWUA Grant from Office of the President (chk#LBP 310) - COWD-OR# 3542064 dated 1/4/12

LWUA Grant from Speaker Betrionte - (chk#LBP 319) - COWD-OR# 3534291 dated 1/24/12

52,791,000.00 1,000,000.00 53,781,000.00 No. of mos.

This amount is reserved for the rehabilitation of COWID's properties damaged by typhoon Sendong.

Aside from the principal and interest amortization, the DBP payment includes the following:

a. Gross receipts tax computed at 1% of amortized interest due for the month; and

p. As of May 31, 2013, DBP has waived the additional 1% interest rate per annum on unmatured principal for non-compliance of 2% NRW reduction, which was imposed last March 31, 2010.

27. Typhoon Sendong - Effect on the Operations of COWD

The typhoon Sendong has caused major damage to our production facilities and service connection lines that would cost us Php 157 million, more or less, to rehabilitiate. Moreover, about 16,330 connections are estimated to have been damaged or washed out during the typhoon. About Php 25.5 million of the expected revenues for December 2011 was determined uncollectible as these were unread and unbilled consumptions of the service connections in the most badly affected parts of the City. Also, bigger portion of this amount may remain unbilled until service lines and water meters shall have been completely restored. Due to the vastness of the areas affected, it will take time until we shall be able to completely rehabilitiate and restore service connection lines. Moreover, almost all of our UPIS like office furniture and equipments, tools, water treatment equipments etc. which are identified as severly damaged are now reflected per account number 103-Unclassified Utility Plant. The list of damaged UPIS has been submitted to COA to Request for the Relief of Accountability per COA Circular No. 92-385.

28. Humanitarian Donation of the Government of Switzerland to COWD

As part of the relief operation for the Victims of the Typhoon Sendong, the Government of Switzerland, thru its Swiss Humanitarian Ald (SHA) donated the following Equipments to Cagayan de Oro City Water District with a total amount of Php 2,092,735.60 (CHF 44,647 X Php 46.87295 per CHF to Php exchange rate dtd. 1/30/2012) per Memorandum of Agreement & Letter of Donation between the COWD and the Swiss Humanitarian Aid of the Swiss Confederation dtd. June 1, 2012 and GM Memorandum 15, s-2012.

2 Bladders 5,000 litres with drinking water distribution stand

1 Bladders 10,000 litres with drinking water distribution stand

1 water laboratory

1 well cleaning set

2.tool kit

0

i repair kit for drinking water distribution stand

18 WATASOL

29. Establishment of Other-Deferred Debits-Non-moving Items for Disposal

As of May 2012 COWD has established a total of P239,510.20 corresponding to non-moving items for disposal. This is shown under account number 146-09. The Committee on Disposal conducted a Pre-Bidding Conference last December 26, 2013 @ COWD Social Hall.

30. Establishment of additional departments

CDWD, based on its new recategorization as Very Large Water District under Category A, has added two (2) new departments in its 2013 approved budget namely: 791-Office of the General Manager & 792-Office of the Board of Directors. Previously these were under Management Department budget.

31. GSIS Pavable-Premium Deficiency (ER) under MOA signed on October 31, 2013

Approved per Board Resolution Nos. 101, S-12 and 061, S-13, (Annex "A") dated September 25, 2012 and July 15, 2013 respectively the Memorandum of Agreement (MOA) between COWD and GSIS for the settlement of unpaid premiums and interest for the period covered June 1978 to March 1992 with the net total obligation of P 6,410,706.93 and such is payable within a period of sixty (60) months. with interest rate of twelve percent (12%) per annum on a diminishing balance.

32 Adaption and Implementation of 30% Water Rate Adjustment in 3 Tranches,

BOD Resolution No. 086, s-13 dated October 2, 2013 approved the Adaption and Implementation of the New Water Rates of GOWD in 3 tranches. In pursuant to it, GM Memorandum-255, s-2013 dated October 10, 2013 hereby directed the implementation of the said water rate adjustment.

Effectivity:

November 01, 2013 1st 10% increase 2nd 10% increase February 01, 2014 May 01, 2014 3rd 10% increase

Effectivity shall apply to the consumption month, therefore billing shall commence December 01, 2013, March 01, 2014 and June 01, 2014, respectively.

Annex G

### CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

### SUMMARY OF LOAN PAYMENTS TO LWUA AND DBP For the Year 2013

PERIOD		LWU	A		DBP				
COVERED	O.R. No. Date		Amount	O.R. No.	Date	Amount	TOTAL		
January	273389	01/31/13	5,865,820.00	55716	01/30/13	5,453,323.18	11,319,143.18		
February	274069	02/28/13	5,865,820.00	57253	02/28/13	5,428,427.77	11,294,247.77		
March	274701	03/27/13	5,865,820.00	58693	03/26/13	5,438,408.86	11,304,228.86		
April	275464	04/30/13	5,865,820.00	60439	04/29/13	5,448,268.62	11,314,088.62		
May	276086	05/30/13	5,865,820.00	62015	05/30/13	5,435,111.13	11,300,931.13		
June	276290	06/05/13	2,398,520.40	63447	06/28/13	9,571,158.01	11,969,678.41		
DBP Credit Advice	276292	06/05/13	370,203,774.64				370,203,774.64		
July	277596	07/22/13	1,394,362.00	64935	07/30/13	9,479,978.19	10,874,340.19		
August	278262	08/19/13	1,394,362.00	66522	08/23/13	9,544,238.25	10,938,600.25		
September	278784	09/27/13	1,394,362.00	68052	09/30/13	9,530,778.37	10,925,140.37		
October	279592	10/31/13	1,394,362.00	69377	10/30/13	9,440,901.12	10,835,263.12		
November	280222	11/29/13	753,917.00	70970	11/28/13	9,533,858.62	10,287,775.62		
December	280726	12/26/13	1,394,362.00	72451	12/26/13	9,414,849.75	10,809,211.75		
TOTAL LOAN PAY	MENTS		409,657,122.04			93,719,301.87	503,376,423.91		

Source: 2013 Loan Payments Schedule (Finance Dept.)

### Note:

The increase in June was due LWUA Loan Refinancing of Php 370,203,774.64.

Annex J

### CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

### SUMMARY OF WATER PRODUCTION AND CONSUMPTION

For the Year Ended December 31, 2013

	PRODU	CTION	CONSUMPTION	FLUSHING/	UNACCOUNTED		
MONTH	(Booster/Pumps) (Bulk Supply)		(Metered/Averaged)	OTHERS	WAT	Charles and the same of the sa	
	(in cu m )	(in cu. m.).	(in cu. m.)	(in-cu, m.)	(in cu in )	. (%)	
January	3,469,456	1,247,400	2,062,180	92,597	2,562,079	54.32%	
February	3,199,460	1,119,490	2,040,712	76,414	2,201,824	50.98% 54.08% 53.94% 53.27%	
March	3,167,479	1,072,390	1,865,231	81,708	2,292,930		
April	3,701,744	1,255,640	2,216,049	67,494	2,673,841		
May	3,475,518	1,249,770	2,156,067	52,082	2,517,139		
June	3,317,700	1,335,380	2,082,836	50,744	2,519,500	54.15%	
July	3,832,506	1,303,960	2,120,141	95,924	2,920,401	56.86%	
August	3,576,521	1,262,190	2,208,312	63,198	2,567,201	53.06%	
September	3,422,633	1,178,440	2,129,321	79,378	2,392,374	52.00%	
October	3,740,335	1,285,090	2,219,252	77,771	2,728,402	54,29%	
November	3,685,494	1,215,340	2,203,015	76,412	2,621,407	53.49%	
December	3,786,887	1,255,410	2,059,561	59,693	2,923,043	57.97%	
TOTAL	42,375,733	14,780,500	25,362,677	873,414	30,920,142	54.10%	
MONTHLY AVE.	3,531,311	1,231,708	2,113,556	72,785	2,576,678	1	

Source: 2013 Monthly Operation Report (Commercial Dept.).

### Note:

- 1. Production = Booster/Pumps Supply + Bulk Water Supply
- 2. Consumption = Metered + Averaged (Billed)
- 3. Unaccounted for Water = Production (Consumption + Mainline Flushing & Others)

Annex K

## COWD WATER SOURCES As of December 2013

	SOURCE		LOCATION	DISCHA	RGE	MOTOR	STANDBY
1	DENTIFICATIO	N ;		lps	(gpm)	SIZE	POWER
۹.	Deep Well So	urce					, , , , ,
	PW No.	1	Macasandig	111 (	1,767 )	125 hp	Genset 1 (G1)
	PW No.	2	Macasandig	61 (	901 )	100 hp	250hp Angle Drive
	PW No.	3 A	Macasandig	19 (	304 )	100 hp	219 kva Genset
		4	Macasandig	72 (	1,135 )	75 hp	219 kva Genset
	PW No.	5	Bugo	26 (	407 )	40 hp	75 kva Genset
	PW No.	6	Bugo	- (	- )		Standby for Rehab
	PW No.	7	Macasandig	57 (	905 )	75 hp	219 kva Genset
	PW No.	8	Macasandig	53 (	844 )	60 hp	250 kva Genset
	PW No.	9	Macasandig	118 (	1,863 )	125 hp	218 kva Genset
	PW No. 1	0	Calaanan	12 (	190 )	40 hp	75 kva Genset
	PW No. 1	1	Bugo	110 (	1,751 )	100 hp	288 kva Genset
	PW No. 1	2	Calaanan	- (	- )		Standby for Rehab
	PW No. 1	4	Balulang	66 (	1,040 )	125 hp	219 kva Genset
	PW No. 1	5	Calaanan	- (	- )	60	132 kva Genset
	PW No. 1	6	Tomas Saco	69 (	1,100 )	60 hp	175 kva Genset
	PW No. 1	7	Balulang	28 (	439 )	60 hp	167 kva Genset
	PW No. 1	8	Pueblo	17 (	273 )	60 hp	219 kva Mobile
	PW No. 1	9	Balulang	77 (	1,223 )	100 hp	165 kva Genset
	PW No. 2	20	Bugo	42 (	672 )	20 hp	500kva Genset
	PW No. 2	21	Bugo	79 (	1,248 )	50 hp	156 kva Genset
	PW No. 2	22	Bugo	66 (	1,040 )	_ 50 hp	156 kva Genset
	PW No. 2	23	Agusan	84 (	1,329 )	150 hp	313 kva Genset
	PW No. 2	24	Balulang	32 (	515 )	25 hp	None
	PW No. 2	25	Balulang	74 (	1,176 )	75 hp	165 kva Genset
	PW No. 2	26	Balulang	24 (	380 )	60 hp	165 kva Genset
	PW No. 2	27	Balulang	41 (	654 )	60 hp	132 kva Genset
	PW No. 2	28	Tablon	66 (	1,042 )	125 hp	250 kva Genset
	PW No. 2	29	Tablon	59 (	937 )	125 hp	250 kva Genset
B	Spring Source	90					
	Malasag Sprin		Cugman	2 (	30)		
176	TOTAL:	19	Odginali		23,165	(G) (C) (G) (D)	
	SENSET CANADAS AND						
C.	Booster Pun	ips					
	BP No.	1	Macasandig	0 (	0)	_100 hp	741
	BP No.	2	Macasandig	100 (	1,585 )	100 hp	437.5 KVa Genset (G1)
	BP No.	3	Macasandig	139 (	2,200 )	200 hp	
	BP No.	4	Macasandig	0 (	0)	100 hp	600 KNS Gebeg
	BP No.	5	Macasandig	105 (	1,663 )	125 hp	NVa Genser
	BP No.	6	Macasandig	0 (	0)	200 hp	600 6
	BP No.	5	Macasandig	0 (	0)	150 hp	688 kva Genset
	BP No.	1	Bugo	0 (	0)	125 hp	500 kva Genset
	BP No.	2	Bugo	106 (	1,685 )	125 hp	O KNS GBUSH
	BP No.	3	Bugo	0 (	0)	125 hp	500 1
	BP No.	1	Balulang	0 (	0)	100 hp	cat
	BP No.	2	Balulang	105 (	1,658 )	100 hp	688 Kva Genset
	BP No.	3	Balulang	0 (	0)	100 hp	689 II.
	BP No.	4	Balulang	0 (	0)	200 hp	test
	27 110	5	Balulang	105 (	1,658 )	200 hp	313 Kva Genset
	BP No.	-0		0 /	0)	200 hp	3/2
		6	Balulang	0 (			
	BP No.		Balulang Macasandig	344 (	5,448 )		
	BP No.						
	BP No. BP No. Sub-Total		Macasandig	344 (	5,448 )		(100 - 100 -

Annex L

## CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

## SERVICE CONNECTION GROWTH

For the Year Ended December 31, 2013

MONTH	NEW N	DISCONNE CTION	RECONNE CTION	NET INCREASE/ (DECREASE)	TOTAL ACTIVE CONNECTION	TOTAL INACTIVE CONNECTION	NET INCREASE/ (DECREASE (INACEI/4)
December 2012	3,932	5,566	3,531	1,897	80,619	31,754	2,035
January	285	674	.273	-116	80,503	32,155	401
February	246	559	329	16	80,519	32,385	230
March	265	420	335	180	80,699	32,470	85
April	337	508	318	147	80,846	32,660	190
May	308	449	366	225	81,071	32,743	83
June	139	391	313	61	81,132	32,821	78
July	692	497	400	595	81,727	32,921	- 100
August	363	272	267	358	82,085	32,234	687
September	363	456	314	221	82,306	33,065	831
October	339	405	351	285	82,591	33,119	54
November	249	344	267	172.	82,763	33,196	77
December	229	297	321	253	83,016	33,172	-24
TOTAL	3,815	5,272	3,854	2,397			1,418
MO, AVERAGE	318	439	321	200			118

Source: 2013 Monthly Operation Report (Commercial Dept.)

Annex M

### **CAGAYAN DE ORO CITY WATER DISTRICT**

Corrales Avenue, Cagayan de Oro City

### LIST OF MAJOR ASSETS AND EQUIPMENTS

AS OF DECEMBER 31, 2013 (With Comparative Figures for 2012)

	ASSETS AND EQUIPMENTS (With Initial Cost of P5,000 & Above)	2013	2012	%INCREASE (DECREASE) OVER LAST YEAR
1.	COMMUNICATION EQUIPMENT	P 3,664,048.66	P 3,108,348.50	17.88
2.	LABORATORY EQUIPMENT	4,807,020.62	1,431,211.00	235.87
3.	LAND AND LAND RIGHTS	36,720,154.95	36,716,654.95	0.01
4.	OFFICE FURNITURE AND EQUIPMENT	24,064,248.05	20,625,650.01	16.67
5.	POWER OPERATED EQUIPMENT	22,990,828.13	23,906,765.55	1
6.	POWER PRODUCTION EQUIPMENT	34,993,122.65	23,906,765.55	46.37
7.	PUMPING EQUIPMENT	132,467,437.79	97,211,471.14	36,27
8.	TOOLS, SHOP, AND GARAGE EQUIPMENT	14,777,355.44	14,006,938.89	5250
9.	TRANSPORTATION EQUIPMENT	32,158,945.62	25,358,937.78	26.82
10.	WATER TREATMENT EQUIPMENT	6,305,804.35	5,195,806.36	21.36
	TOTAL	P 312,948,966.26	P 251,468,549.73	24.45

Source: 2013 List of Major Assets and Equipments (Accounting Division)

and the state of the

# CAGAYAN DE ORO CITY WATER DISTRICT Cagayan de Oro City

### SUMMARY OF PIPELINES In Linear Meters 2013

PIPELINE	35- 33, <sub>32</sub>	OLD PIPELINES	PHASE I	PHASE II	PHASE III	SUBO	IVISION	COWD E)	(TENSION	701	(AL	PIPELINE	
SIZE	MAKE	STILL IN SERVICE	IMPROVEMENT	IMPROVEMENT	IMPROVEMENT	TURNED-OVER	NOT TURNED-OVER	1979 - 2012	2013	MAINTAINED	SERVED	SIZE	MAKE
50 mm ( 2°) 0	⊔PVC		The same			8,863		4,296		13,159	13,159	50 mm (2")	0 UPVC
50 mm ('2") 0	G.L.					344		155		499	499	50 mm (2")	Q G.I.
50 mm (2") 0	8.1	14-13				179		226		405	405	50 mm (2")	0 B.t.
150 mm (2") 0	PE:	9-14	(b)			7,806		50,378	7,438	65,622	66,622	50 mm (2")	O PE
63 mm ( 2.5") 0	PE					3,055	9-			3,055	3,055	. 63 mm ( 2.5 °)	PE ·
0	G.I.		10.00					660		660	660		G.I, ·
75 mm (3") 0	uPVC	V 10 000		2,775	<u> </u>	48,180		6,345	888	58,188	58,188	75 mm (.3")	0≥ uPVC
70 dan ( 0 / 0	ACP					5,422				5,422	5,422		ACP
E) 12	GI.		2.0			96				96	96		G.I.
3	CI	<b></b>						120		120	120		CI
100 mm (4") 0	uPVC		15,745	2,433		34,983	9,553	54,658	456	108,273	117,826	100 mm (4").	0 UPVC
100 mm (4) 0	STEEL	4,877	14	2,320			To the	181	A Street Service	5,072	5,072		STEEL
	ACP	1,460				4,348	3,160	240		6,048	9,208		ACP
	CCI	92				200	e a letter	228		320	320		CCI
	.G.L	- 02				75				75	75		G.I.
* ·	CI/BI					48		313	2	363	363		CI/BI
450 ( 68) 5	uPVC .		14	9,494	3,097	24,994	3,930	42,122	1,518	81,239	85,169	150 mm (6")	uPVC
150 mm (6") 0	STEEL		27,754			58	26	691		28,503	28,529		STEEL
	ACP	146	27,154			1,903	1,120	231		2,260	3,400	les les	ACP
116 119	CCI	516						483		998	998		CCI
	CI/BI	5.0						174	24	198	198		CI/BI
200 mm (8*) 0	uPVC			1,586	8,987	908	450	11,743	20	23,224	23,674	200 mm ( 8 f.)	uPVC
200 mm ( 6 ) U	STEEL		4,027	1,000		N A 2		733		4,760	4,760		STEEL
	CCI	2,148	1021				18	174		2,322	2,322		CCI
33	BI	2,140		* * * * * * * * * * * * * * * * * * * *		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	18	19		20	20		BI
250 mm (10") 0	STEEL	- n		4.488	6,354		100			10,842	10,842	250 mm (10")	STEEL
≥ou mm (tu) υ	uPVC			7,700		547		3,200		3,747	3,747		uPVC
300 mm (12") 0	STEEL		16,960	17,996	20,336			7,614		62,906	62,906	. 300 mm (12")	STEEL
350 mm (12") 0	STEEL	1000	10,530	a de la companya de l	7	4 30.5	91 33.50	2,531		. 2,531	2,531	350 mm (14")	STEEL
400 mm (16") 0	STEEL		5,660	569	17,081			6,276		29,586	29,586	400 mm (16 H)	STEEL
500 mm (20") 0	STEEL		1,176	445	3,691			375		5,687	5,687	500 mm (20°)	STEEL
600 mm (24") 0	STEEL		186		14,774				a /s 3	14,960	14,960	600 mm (24°)	STEEL
800 mm (24*) 0	STEEL				2,638					2,638	2,638	800 mm (30")	STEEL
ove mm (se ) o ]	UILCL				Agents	141,810	18,239	194,164	10,326			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
		9,238	71,536	39,786	76,957	160,049		204,490		543,817	562,056		

SAPS (for Cagayan De Oro City Water District) for Provincial Cities Water Supply Project Phase III Final Report

Annex O

## CAGAYAN DE ORO CITY WATER DISTRICT

Corrales Avenue, Cagayan de Oro City

# SUMMARY OF BACTERIOLOGICAL ANALYSIS

For the Year Ended December 31, 2013

MONTH	Total Sample	Total Sample	Membrane Testing	Residual Chlorine	
		Positive	Coliform Test	Fecal Test (E - Coli)	(PPM)
January	99	0	0	0	0.00 to 26.00
February	96	0	0	0	0.00 to 0.80
March	95	0	0	Ö	0.00 to 0.90
April	106	1	1	0	0.00 to 0.90
May	98	I	1	0	0.00 to 0.80
June	100	3	3	Ö	0.00 to 1.00
July	120	0	0	0	0.00 to 0.76
August	100	4	4	3	0.00 to 0.90
September	112	5	5	1	0.00 to 0.80
October	114	0	0	0	0.00 to 0.80
November	102	5	4	1.	0.00 to 0.80
December	100	5	4	1	0.00 to 0.80
TOTAL	1,242	24	22	6	

Source: Summary and Evaluation of Bacteriological Analysis of COWD (Production Dept.)

# 6.2 Water Meter Error Test Data

# Water meter error test table (Data from 1 to 10 in total 50 water meters)

Customer ID		101	102	103	104	105	106	107	108	109	110	
	talled D		2014/03	2013/11	2007/01	2007/01	2007/02	2012/03	2006/01	2006/01	2005/01	2008/01
Pas	Passage Year		0.3	0.7	7.6	7.5	7.4	2.3	8.6	8.5	9.5	6.5
	er DN (r		13	13	13	13	13	13	13	13	13	13
Met	er Num	ber	1321389	1317576	235995	236246	236290	236105	867505	1071005	471040644	842805
Mete	er Comp	oany	Arad	Arad	Actaris	Actaris	Actaris	Actaris	Asahi	Asahi	Asahi	Asahi
Inst	talled A	rea	Tablon	Iponan	Macabalan	Nazareth	Bonbon	Lapasan	Nazareth	Bonbon	Puntod	Macabalan
	L/h	L	L	L	L	L	L	L	L	L	L	L
m ()	30	10	670.5	361.4	865.1	1011.0	990.9	186.3	526.7	340.8	1153.6	1053.9
1. Meter Count (800-120-60-30)	60	20	660.6	351.7	858.7	1011.0	981.0	176.5	518.1	330.3	1145.3	1044.7
Meter 0-120	120	40	640.6	331.8	840.3	1011.0	960.8	156.3	499.9	310.5	1125.8	1024.7
1.1	800	100	600.6	291.8	800.9	973.4	920.4	115.8	459.0	271.8	1084.9	983.9
	Init	tial	500.6	192.1	701.0	867.3	819.9	15.4	359.1	171.6	983.4	883.4
	L/h	L	%	%	%	%	%	%	%	%	%	%
<u>.</u>	30	-16.9	-1.0	-3.0	-36.0	-100.0	-1.0	-2.0	-14.0	5.0	-17.0	-8.0
2. Meter Error	60	-10.2	0.0	-0.5	-8.0	-100.0	1.0	1.0	-9.0	-1.0	-2.5	0.0
2.	120	-4.3	0.0	0.0	-1.5	-6.0	1.0	1.3	2.2	-3.3	2.2	2.0
	800	-3.9	0.0	-0.3	-0.1	6.1	0.5	0.4	-0.1	0.2	1.5	0.5
	L	/h	%	%	%	%	%	%	%	%	%	%
unt loe)	V<	42	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
3. Range Count (Japan experience)	42 <v<85< td=""><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td></v<85<>		14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Rang San ex	85 <v< td=""><td>&lt;310</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td></v<>	<310	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
3. I (Jap	310	V>(	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L/h		L	L	L	L	L	L	L	L	L	L
tion est)	V<	42	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
4. Consumption (Field meter test)	42<\	/<85	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
Sons eld m	85 <v< td=""><td>&lt;310</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td></v<>	<310	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0
4. (Fig	310	) <v< td=""><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td></v<>	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9
	То	tal	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0
	L	/h	%	%	%	%	%	%	%	%	%	%
otion	V<	42	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5. Consumption Ratio	42<\	/<85	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Cons	85 <v< td=""><td>&lt;310</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td></v<>	<310	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
5. (	310	) <v< td=""><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td></v<>	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	То	tal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L	/h	%	%	%	%	%	%	%	%	%	%
atio	V<	42	-0.01	-0.03	-0.38	-1.05	-0.01	-0.02	-0.15	0.05	-0.18	-0.08
6. Error Ratio	42<\	/<85	0.00	-0.02	-0.25	-3.09	0.03	0.03	-0.28	-0.03	-0.08	0.00
. Errc	85 <v< td=""><td>&lt;310</td><td>0.00</td><td>0.00</td><td>-0.45</td><td>-1.78</td><td>0.30</td><td>0.37</td><td>0.67</td><td>-0.97</td><td>0.67</td><td>0.59</td></v<>	<310	0.00	0.00	-0.45	-1.78	0.30	0.37	0.67	-0.97	0.67	0.59
6.	310	) <v< td=""><td>0.00</td><td>-0.20</td><td>-0.07</td><td>4.03</td><td>0.33</td><td>0.26</td><td>-0.07</td><td>0.13</td><td>0.99</td><td>0.33</td></v<>	0.00	-0.20	-0.07	4.03	0.33	0.26	-0.07	0.13	0.99	0.33
	То	tal	-0.01	-0.25	-1.14	-1.89	0.65	0.65	0.18	-0.81	1.40	0.84

# Water meter error test table (Data from 11 to 20 in total 50 water meters)

Cu	Customer ID		111	112	113	114	115	116	117	118	119	120
Inst	alled Da	ate	2005/01	2009/01	2009/01	2011/01	2011/01	2013/01	2011/01	2012/02	2010/01	2013/01
Pas	Passage Year		9.5	5.5	5.5	3.5	3.5	1.6	3.5	2.4	4.5	1.5
Mete	er DN (r	nm)	13	13	13	13	13	13	13	13	13	13
Met	er Num	ber	471040821	801012392	1322241	10874138	10874090	k09001092M	k09006233M	k09001263M	90800051	k09002681
Mete	r Comp	any	Asahi	Ejet	Arad	Arad	Arad	Keumsung	Keumsung	Keumsung	Asiam	Keumsung
Inst	alled A	rea	Macabalan	Macasandig	Canitoan	Iponan	Bellevue	Carmen	Carmen	Iponan	Patag	Iponan
	L/h	L	L	L	L	L	L	L	L	L	L	L
30)	30	10	750.6	703.3	673.2	250.4	1026.7	831.8	764.5	350.8	1018.8	681.5
1. Meter Count (800-120-60-30)	60	20	750.6	694.1	663.0	241.1	1016.3	822.2	755.1	341.6	1008.1	671.3
Mete 0-12(	120	40	733.7	674.3	643.6	221.5	996.4	802.4	735.7	322.0	988.1	651.6
(8)	800	100	695.0	633.9	603.1	181.6	955.8	762.2	696.4	282.9	947.2	611.9
	Init	tial	596.8	533.8	501.8	81.2	853.5	662.0	600.8	184.2	846.8	511.3
	L/h	L	%	%	%	%	%	%	%	%	%	%
e _	30	-16.9	-100.0	-8.0	2.0	-7.0	4.0	-4.0	-6.0	-8.0	7.0	2.0
2. Meter Error	60	-10.2	-15.5	-1.0	-3.0	-2.0	-0.5	-1.0	-3.0	-2.0	0.0	-1.5
2	120	-4.3	-3.2	1.0	1.3	-0.2	1.5	0.5	-1.7	-2.2	2.2	-0.7
	800	-3.9	-1.8	0.1	1.3	0.4	2.3	0.2	-4.4	-1.3	0.4	0.6
	L/	'n	%	%	%	%	%	%	%	%	%	%
nut (ac)	V<	42	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
e Co perier	42<\	/<85	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
3. Range Count (Japan experience)	85 <v< td=""><td>&lt;310</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td></v<>	<310	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
3. (Ja	310	) <v< td=""><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td></v<>	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
	To	tal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L/h		L	L	L	L	L	L	L	L	L	L
4. Consumption (Field meter test)	V<	42	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
sump leter 1	42<\	/<85	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
Sons m ple	85 <v< td=""><td>&lt;310</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td></v<>	<310	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0
4. F	310	) <v< td=""><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td></v<>	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9
	То	tal	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0
	L/	'n	%	%	%	%	%	%	%	%	%	%
5. Consumption Ratio	V<	42	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
sump	42<\	/<85	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Cons	85 <v< td=""><td>&lt;310</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td></v<>	<310	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
.5	310	) <v< td=""><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td></v<>	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	To	tal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L/	'n.	%	%	%	%	%	%	%	%	%	%
afio	V<	42	-1.05	-0.08	0.02	-0.07	0.04	-0.04	-0.06	-0.08	0.07	0.02
Error Ratio	42<\	/<85	-0.48	-0.03	-0.09	-0.06	-0.02	-0.03	-0.09	-0.06	0.00	-0.05
	85 <v< td=""><td>&lt;310</td><td>-0.97</td><td>0.30</td><td>0.37</td><td>-0.07</td><td>0.45</td><td>0.15</td><td>-0.52</td><td>-0.67</td><td>0.67</td><td>-0.22</td></v<>	<310	-0.97	0.30	0.37	-0.07	0.45	0.15	-0.52	-0.67	0.67	-0.22
.6	310	) <v< td=""><td>-1.19</td><td>0.07</td><td>0.86</td><td>0.26</td><td>1.52</td><td>0.13</td><td>-2.91</td><td>-0.86</td><td>0.26</td><td>0.40</td></v<>	-1.19	0.07	0.86	0.26	1.52	0.13	-2.91	-0.86	0.26	0.40
	То	tal	-3.69	0.25	1.16	0.05	1.99	0.21	-3.59	-1.67	1.01	0.15

# Water meter error test table (Data from 21 to 30 in total 50 water meters)

Cu	Customer ID		121	122	123	124	125	126	127	128	129	130
Inst	alled D	ate	2009/01	2010/01	2004/01	2011/01	2012/01	2004/01	2005/01	2012/03	2009/01	2012/02
Pas	Passage Year		5.5	4.5	10.6	3.5	2.5	10.6	9.6	2.3	5.5	2.4
Mete	er DN (r	nm)	13	13	13	13	13	13	13	13	13	13
Met	er Num	ber	8091284	90800514	349484	523106	1320471	1321571	1321250	1322140	8092443	k09001308M
Mete	er Comp	any	Evjet	Asiam	Asahi	Asahi	Arad	Arad	Arad	Arad	Evjet	Keumsung
Inst	alled A	rea	Iponan	Bellevue	Corrales	Nazareth	Tablon	Macasandig	Opol	Bulua	Cugman	Carmen
	L/h	L	L	L	L	L	L	L	L	L	L	L
30)	30	10	820.1	568.2	411.0	777.5	176.0	737.1	182.6	1063.0	609.3	931.7
1. Meter Count (800-120-60-30)	60	20	810.5	557.6	403.0	768.8	166.8	726.0	173.9	1055.3	598.8	921.7
Mete 0-12	120	40	790.5	536.8	382.0	750.8	146.5	706.9	153.0	1036.7	578.4	901.3
1. (80	800	100	750.1	494.8	338.0	711.8	105.2	666.8	112.8	997.2	537.2	860.3
	Init	tial	657.9	388.8	227.0	612.6	5.5	565.3	13.9	896.3	433.5	757.3
	L/h	L	%	%	%	%	%	%	%	%	%	%
ret	30	-16.9	-4.0	6.0	-20.0	-13.0	-8.0	11.0	-13.0	-23.0	5.0	0.0
2. Meter Error	60	-10.2	0.0	4.0	5.0	-10.0	1.5	-4.5	4.5	-7.0	2.0	2.0
2	120	-4.3	1.0	5.0	10.0	-2.5	3.3	0.3	0.5	-1.3	3.0	2.5
	800	-3.9	-7.8	6.0	11.0	-0.8	-0.3	1.5	-1.1	0.9	3.7	3.0
	L	'n	%	%	%	%	%	%	%	%	%	%
unt nœ)	V<	42	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
3. Range Count (Japan experience)	42<\	/<85	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Ranç pan e	85 <v< td=""><td>&lt;310</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td></v<>	<310	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
3. (Ja	310	) <v< td=""><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td></v<>	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L/h		L	L	L	L	L	L	L	L	L	L
otion test)	V<	42	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
sump	42<\	/<85	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
4. Consumption (Field meter test)	85 <v< td=""><td></td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td></v<>		1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0
4. <u>F</u>	310	) <v< td=""><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td></v<>	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9
	То		5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0		
	L		%	%	%	%	%	%	%	%	%	%
ption	V<		1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5. Consumption Ratio	42<\		3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Con	85 <v< td=""><td></td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td></v<>		29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
5.	310		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	То		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L		%	%	%	%	%	%	%	%	%	%
atio	V<		-0.04	0.06	-0.21	-0.14	-0.08	0.12	-0.14	-0.24	0.05	0.00
Error Ratio	42<\		0.00	0.12	0.15	-0.31	0.05	-0.14	0.14	-0.22	0.06	
	85 <v< td=""><td></td><td>0.30</td><td>1.49</td><td>2.97</td><td>-0.74</td><td>0.97</td><td>0.07</td><td>0.15</td><td>-0.37</td><td>0.89</td><td>0.74</td></v<>		0.30	1.49	2.97	-0.74	0.97	0.07	0.15	-0.37	0.89	0.74
.9	310		-5.16	3.97	7.28	-0.53	-0.20	0.99	-0.73	0.60		1.98
	То	tal	-4.90	5.64	10.19	-1.72	0.73	1.04	-0.58	-0.23	3.45	2.79

# Water meter error test table (Data from 31 to 40 in total 50 water meters)

Customer ID		131	132	133	134	135	136	137	138	139	140	
Inst	Installed Date		2008/01	2005/01	2006/01	2004/01	2008/01	2004/01	2010/09	2010/09	2011/07	2011/04
Pas	Passage Year		6.6	9.5	8.5	10.6	6.5	10.6	3.8	3.8	3.0	3.3
Mete	er DN (n	nm)	13	13	13	13	13	13	13	13	13	13
Met	er Num	ber	70705440	7076404	8090747	471040926	70804772	356017	10848921	10849736	10871555	10867762
Mete	r Comp	any	Asiam	Asiam	Evjet	Asahi	Asiam	Asahi	Arad	Arad	Arad	Arad
Inst	alled Ar	rea	A.Luna	Macasandig	Puntod	Bayabas	Cugman	Consolacion	Balulang	Nazareth	Gusa	Carmen
	L/h	L	L	L	L	L	L	L	L	L	L	L
30)	30	10	883.1	1077.1	853.5	1055.1	339.8	884.0	530.5	571.0	925.2	1029.9
1. Meter Count (800-120-60-30)	60	20	873.7	1067.0	847.0	1046.6	339.8	884.0	520.6	561.5	915.3	1019.8
Mete 0-12	120	40	853.7	1048.3	829.1	1026.7	339.8	884.0	500.6	541.5	895.5	999.7
- 8	800	100	813.3	1008.1	787.1	987.0	330.9	884.0	459.7	501.1	855.3	959.6
	Init	ial	712.7	905.4	687.0	885.9	330.8	850.0	357.8	400.8	755.7	858.7
	L/h	L	%	%	%	%	%	%	%	%	%	%
ie .	30	-16.9	-6.0	1.0	-35.0	-15.0	-100.0	-100.0	-1.0	-5.0	-1.0	1.0
Meter Error	60	-10.2	0.0	-6.5	-10.5	-0.5	-100.0	-100.0	0.0	0.0	-1.0	0.5
2.	120	-4.3	1.0	0.5	5.0	-0.7	-77.7	-100.0	2.3	1.0	0.5	0.3
	800	-3.9	0.6	2.7	0.1	1.1	-99.9	-66.0	1.9	0.3	-0.4	0.9
	L	'h	%	%	%	%	%	%	%	%	%	%
unt (acc)	V<	42	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
e Co tperier	42 <v<85< td=""><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td><td>14.0</td></v<85<>		14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
3. Range Count (Japan experience)	85 <v< td=""><td>&lt;310</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td></v<>	<310	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
S. Ja	310	\ <v< td=""><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td></v<>	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
-	L/h		L	L	L	L	L	L	L	L	L	L
4. Consumption (Field meter test)	V<	42	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
sump leter 1	42<\	/<85	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
Sons H ple	85 <v< td=""><td>&lt;310</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td></v<>	<310	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0
4. F	310	\ <v< td=""><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td></v<>	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9
	To	tal	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0
	L	'h	%	%	%	%	%	%	%	%	%	%
tion	V<	42	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
5. Consumption Ratio	42<\	/<85	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Sons	85 <v< td=""><td>&lt;310</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td></v<>	<310	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
5. (	310	\ <v< td=""><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td><td>66.1</td></v<>	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	To	tal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L	'h	%	%	%	%	%	%	%	%	%	%
Ęį	V<	42	-0.06	0.01	-0.37	-0.16	-1.05	-1.05	-0.01	-0.05	-0.01	0.01
Error Ratio	42<\	/<85	0.00	-0.20	-0.32	-0.02	-3.09	-3.09	0.00	0.00	-0.03	0.02
	85 <v< td=""><td>&lt;310</td><td>0.30</td><td>0.15</td><td>1.49</td><td>-0.22</td><td>-23.11</td><td>-29.72</td><td>0.67</td><td>0.30</td><td>0.15</td><td>0.07</td></v<>	<310	0.30	0.15	1.49	-0.22	-23.11	-29.72	0.67	0.30	0.15	0.07
9.	310	V>V	0.40	1.79	0.07	0.73	-66.07	-43.65	1.26	0.20	-0.26	0.60
	To	tal	0.63	1.74	0.86	0.33	-93.32	-77.51	1.91	0.44	-0.16	0.70

# Water meter error test table (Data from 41 to 50 in total 50 water meters)

Customer ID		141	142	143	144	145	146	147	148	149	150	
Inst	alled Da	ate	2007/01	2009/06	2004/07	2010/03	2008/04	2013/02	2013/07	2008/04	2009/07	2013/09
Pas	sage Y	ear	7.5	5.2	10.0	4.3	6.3	1.5	1.0	6.3	5.0	0.8
	er DN (r		13	13	13	13	13	13	13	13	13	13
Met	er Num	ber	236316	8121261	4017016	8092110	70803116	609604	3033750	70706193	8092087	K09005486M
Mete	er Comp	oany	Actaris	Evjet	TD88	Evjet	Asiam	Asahi	Toyokeiki	Asiam	Evjet	Keumsung
Inst	alled A	rea	Calaanan	Carmen	Agusan	Calaanan	Lumbia	Gusa	Canitoan	Canitoan	Iponan	Iponan
	L/h	L	L	L	L	L	L	L	L	L	L	L
30)	30	10	830.9	952.9	265.1	898.9	698.3	546.5	578.0	227.5	1082.9	503.8
1. Meter Count (800-120-60-30)	60	20	820.4	942.8	255.3	888.2	688.4	536.3	568.0	217.1	1081.3	502.3
Mete 7-120	120	40	810.0	922.7	235.2	866.2	668.1	516.4	547.0	214.8	1078.9	500.1
1.1	800	100	767.6	882.2	194.6	822.5	627.3	476.2	507.0	210.6	1074.6	495.8
	Init	tial	662.7	780.4	93.7	722.3	526.9	377.0	406.0	110.2	973.5	394.1
	L/h	L	%	%	%	%	%	%	%	%	%	%
ē	30	-16.9	5.0	1.0	-2.0	7.0	-1.0	2.0	0.0	4.0	-84.0	-85.0
2. Meter Error	60	-10.2	-48.0	0.5	0.5	10.0	1.5	-0.5	5.0	-88.5	-88.0	-89.0
2.	120	-4.3	6.0	1.3	1.5	9.3	2.0	0.5	0.0	-89.5	-89.2	-89.3
	800	-3.9	4.9	1.8	0.9	0.2	0.4	-0.8	1.0	0.4	1.1	1.7
	L/	⁄h	%	%	%	%	%	%	%	%	%	%
œ îr	V<	42	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
e Cou	42<\	/<85	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
3. Range Count (Japan experience)	85 <v< td=""><td>&lt;310</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td><td>31.0</td></v<>	<310	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
3. F (Jap	310	) <v< td=""><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td><td>33.0</td></v<>	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
	Total		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L/h		L	L	L	L	L	L	L	L	L	L
4. Consumption (Field meter test)	V<	42	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
umpt ster te	42<\	/<85	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
onsi Id me	85 <v< td=""><td>&lt;310</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td><td>1486.0</td></v<>	<310	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0	1486.0
A. C.	310	) <v< td=""><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td><td>3306.9</td></v<>	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9	3306.9
	To	tal	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0	5000.0
	L/	⁄h	%	%	%	%	%	%	%	%	%	%
5. Consumption Ratio	V<	42	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
ump	42<\	/<85	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
Sons	85 <v< td=""><td>&lt;310</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td><td>29.7</td></v<>	<310	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
5. (	310	V>(	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	To	tal	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	L	/h	%	%	%	%	%	%	%	%	%	%
ţi	V<	42	0.05	0.01	-0.02	0.07	-0.01	0.02	0.00	0.04	-0.88	-0.89
Error Ratio	42<\	/<85	-1.48	0.02	0.02	0.31	0.05	-0.02	0.15	-2.73	-2.72	-2.75
Erro	85 <v< td=""><td>&lt;310</td><td>1.78</td><td>0.37</td><td>0.45</td><td>2.75</td><td>0.59</td><td>0.15</td><td>0.00</td><td>-26.60</td><td>-26.53</td><td>-26.53</td></v<>	<310	1.78	0.37	0.45	2.75	0.59	0.15	0.00	-26.60	-26.53	-26.53
٠.	310	) <v< td=""><td>3.24</td><td>1.19</td><td>0.60</td><td>0.13</td><td>0.26</td><td>-0.53</td><td>0.66</td><td>0.26</td><td>0.73</td><td>1.12</td></v<>	3.24	1.19	0.60	0.13	0.26	-0.53	0.66	0.26	0.73	1.12
	To	tal	3.59	1.59	1.04	3.26	0.89	-0.37	0.82	-29.03	-29.40	-29.05

# 6.3 Local Project Work Schedule

# 6.3.1 The 1st Local Project Work From April 29 to June 3, 2014 36 days

Day	Date	Activities	Stay
1	Apr.29	Transfer from Tokyo to Manila PR431 / NRT 09:30(JT) - MNL 13:10	Manila
2	Tue. Apr.30 Wed.	Team Meeting  Kick Off Meeting with JICA Philippines from 10:00 @ JICA Philippines  Kick Off Meeting with LWUA from 15:00 @ LWUA	Manila
3	May 1 Thu.	May-Day (National Holiday) Team Meeting Transfer from Manila to Cagayan de Oro PR2525 / MNL 14:25 - CGY 16:00	CDO
4	May 2 Fri.	Kick Off Meeting and Explanation of project with COWD and JICA Philippines from 10:00 @ COWD HQ Site visit to Pumping Stations, Distribution Reservoirs, Stub-Outs @ In the city	CDO
5	May 3 Sat.	Team Meeting, Preparation of Report	CDO
6	May 4 Sun.	Team Meeting, Preparation of Report	CDO
7	May 5 Mon.	Discussion using Questionnaire that sent to COWD before leaving Japan @ COWD HQ	CDO
8	May 6 Tue.	Explanation to COWD Leakage Survey Team how to use leakage machines and discussion about leakage survey plan @ COWD Macasandig OJT of leakage detection using AQUASCAN @ Near COWD Macasandig	CDO
9	May 7 Wed.	OJT of leakage detection using AQUASCAN from COWD Macasandig to Camaman-an Distribution Reservoir @ In the city	CDO
10	May 8 Thu.	OJT of leakage detection using AQUASCAN on Transmission Pipeline @ In the city	CDO
11	May 9 Fri.	OJT of leakage detection using AQUASCAN on Transmission Pipeline (Completion of leakage survey 10km) @ In the city	CDO
12	May 10 Sat.	Team Meeting, Preparation of Report	CDO
13	May 11 Sun.	Team Meeting, Preparation of Report	CDO
14	May 12 Mon.	Discussion with Financial Department @ COWD HQ Site visit at DMA San Lazaro from @ In the city	CDO
15	May 13 Tue.	Discussion with GM and Executives about NRW reduction countermeasure of COWD @ COWD HQ Site visit to Macabalan Pilot Area, DMA San Lazaro and RER Sub Division P.1 @ In the city	CDO
16	May 14 Wed.	Explanation about D305 and AQUASCAN's Hydro Phone / Explanation about ZONESCAN and OJT at DMA RER Sub Division P.1 @ COWD Macasandig / In the city Discussion about DMA @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
17	May 15 Thu.	Analysis of previous day's leakage survey @ COWD Macasandig OJT at DMA RER Sub Division P.1 @ In the city Discussion about Hydraulic calculation @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
18	May 16 Fri.	OJT at DMA RER Sub Division P.1 by ZONESCAN, AQUASCAN and D305 @ In the city Discussion about Hydraulic calculation @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
19	May 17 Sat.	Team Meeting, Preparation of Report	CDO
20	May 18 Sun.	Team Meeting, Preparation of Report	CDO

Day	Date	Activities	Stay
21	May 19 Mon.	Discussion about leakage survey system @ COWD Macasandig Minimum Night Flow Measurement of RER Sub Division P.1 @ In the city	CDO
22	May 20 Tue.	Discussion about leakage survey system and delivered document material @ COWD Macasandig Discussion about Hydraulic calculation and construction of DMA @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
23	May 21 Wed.	Visit Kauswagan Water Meter Laboratory and discussion about Meter Error Test @ COWD Kauswagan Confirmation of delivered document material from COWD @ COWD Macasandig	CDO
24	May 22 Thu.	Discussion about leakage repairing system and excavation application processes Discussion about Hydraulic calculation and construction of DMA @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
25	May 23 Fri.	Visit Water Treatment Plant of RVWC @ RVWC Visit DMA San Lazaro and analysis of collected flow data @ In the city Discussion about Hydraulic calculation and construction of DMA @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
26	May 24 Sat.	Team Meeting, Preparation of Report	CDO
27	May 25 Sun.	Team Meeting, Preparation of Report	CDO
28	May 26 Mon.	Site visit to DMA Limketkai @ In the city / Establishment of Leakage survey plan @ COWD Macasandig Discussion about Hydraulic calculation @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
29	May 27 Tue.	Establishment of Leakage survey plan and Pipeline Mesh Drawing @ COWD Macasandig Minimum Night Flow Measurement @ DMA San Lazaro Lecture of Water Safety Plan to COWD Executives @ COWD HQ	CDO
30	May 28 Wed.	Team Meeting, Preparation of Report @ COWD HQ	CDO
31	May 29 Thu.	Establishment of Leakage survey plan @ COWD Macasandig Discussion about Hydraulic calculation @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ	CDO
32	May 30 Fri.	Project Report Meeting with COWD @ COWD HQ  Meeting about each assignment with COWD @ COWD Macasandig	CDO
33	May 31 Sat.	Transfer from Cagayan de Oro to Manila PR2522 / CGY 11:00 - MNL 12:30 Team Meeting	Manila
34	Jun.1 Sun.	Team Meeting, Preparation of Report	Manila
35	Jun.2 Mon.	Project Report Meeting with JICA Philippines from 10:00 @ JICA Philippines Project Report Meeting with Japan Embassy from 14:00 @ Japan Embassy	Manila
36	Jun.3 Tue.	Team Meeting Transfer from Manila to Tokyo PR432 / MNL 14:45 - NRT 20:10(JT)	

# 6.3.2 The 2nd Local Project Work From July 31 to August 20, 2014 21 days

Day	Date	Activities	Stay			
1	Jul.31	Transfer from Tokyo to Manila PR431 / NRT 09:30(JT) - MNL 13:30	Manila			
1	Thu.	Team Meeting	IVIaIIIIa			
2	Aug.1	ig.1 Kick Off Meeting with JICA Philippines from 10:00 @ JICA Philippines				
2	Fri.	Team Meeting, Preparation of Report	Manila			

Day	Date	Activities	Stay
3	Aug.2	Team Meeting	CDO
	Sat. Aug.3	Transfer from Manila to Cagayan de Oro PR2525 / MNL 14:25 - CGY 16:00	
4	Sun.	Team Meeting, Preparation of Report	CDO
5	Aug.4 Mon.	Kick Off Meeting and Explanation of project with COWD from 9:00 @ COWD HQ Discussion and hearing with Financial Department @ COWD HQ Discussion about COWD's assignment @ COWD Macasandig	CDO
6	Aug.5 Tue.	Discussion about DMA and hydraulic calculation @ COWD HQ Discussion and hearing with Commercial Department @ COWD HQ Measurement of flow volume at Macasandig and Balulang Booster Pumping Station @ In the city	CDO
7	Aug.6 Wed.	Accompanying Meter Reader @ In the city Accuracy test of Balulang Booster Pump @ In the city Water meter accuracy test in the water meter laboratory @ COWD Kauswagan	CDO
8	Aug.7 Thu.	Accompanying Disconnection operation @ In the city Discussion and hearing with Commercial Department @ COWD HQ Accuracy confirmation at Bugo Booster Pumping Station and Deep Wells (PW11, PW23) @ In the City	CDO
9	Aug.8 Fri.	Accompanying Reconnection operation @ In the city Analysis of measured flow volume @ COWD Macasandig Discussion and hearing with Financial Department @ COWD HQ	CDO
10	Aug.9 Sat.	Participation to New Connection Customer's Seminar @ COWD HQ Team Meeting, Preparation of Report	CDO
11	Aug.10 Sun.	Team Meeting, Preparation of Report	CDO
12	Aug.11 Mon.	Visit to water meter chamber at new DMA Macabalan @ In the city Leak survey by ZONESCAN at Golden Village Sub-Division @ In the city Discussion and hearing with Financial Department @ COWD HQ	CDO
13	Aug.12 Tue.	Visit to RVWC Bulk Water Meter and confirm flow volume by Ultrasonic flow meter @ In the city Discussion about project cost and maintenance cost with Engineering Department @ COWD HQ	CDO
14	Aug.13 Wed.	Visit to RVWC Bulk Water Meter and confirm flow volume by Ultrasonic flow meter @ In the city Discussion and hearing with Financial Department @ COWD HQ	CDO
15	Aug.14 Thu.	Leak survey by AQUASCAN at Canito-an area @ In the city Discussion and hearing with Financial Department @ COWD HQ Discussion about New DBP Project (458M.PHP) and COWD future plan @ COWD HQ	CDO
16	Aug.15 Fri.	Discussion and hearing with Financial Department @ COWD HQ Discussion about New DBP Project (250M.PHP) and Bulk water @ COWD HQ Discussion about leak survey plan @ COWD Macasandig	CDO
17	Aug.16 Sat.	Team Meeting, Preparation of Report	CDO
18	Aug.17 Sun.	Team Meeting, Preparation of Report	CDO
19	Aug.18 Mon.	Project Report Meeting with COWD @ COWD HQ Transfer from Cagayan de Oro to Manila PR2526 / CGY 16:15 - MNL 17:45	Manila
20	Aug.19 Tue.	Team Meeting Project Report Meeting with JICA Philippines from 16:00 @ JICA Philippines	Manila
21	Aug.20 Wed.	Team Meeting Transfer from Manila to Tokyo PR430 / MNL 10:00 - NRT 15:25(JT)	

## 6.3.3 The 3rd Local Project Work From October 12 to 23, 2014 12 days

Day	Date	Activities	Stay
1	Oct.12	Team Meeting	Manila
1	Sun.	Transfer from Tokyo to Manila PR421 / HRD 15:20(JT) - MNL 18:40	IVIdIIIId
2	Oct.13	Kick Off Meeting with JICA Philippines from 10:00 @ JICA Philippines	CDO
	Mon.	Transfer from Manila to Cagayan de Oro PR2525 / MNL 14:25 - CGY 16:00	LDO
3	Oct.14	Kick Off Meeting and Explanation of project with COWD from 9:00 @ COWD HQ	CDO
3	Tue.	Kick Off Meeting about each assignment with COWD leak survey team @ COWD HQ	CDO
	Oct.15	Discussion and hearing with Financial Department @ COWD HQ	
4	Wed.	Discussion about DMA Macabaran monitoring with COWD leak survey team @ COWD	CDO
	vveu.	Macasandig	
	Oct.16	Visit to DMA San Lazaro and start to measure minimum night flow @ In the city	
5	Thu.	Discussion about exposed pipe / illegal connection location @ COWD HQ	CDO
	ilia.	Discussion and hearing with Commercial Department @ COWD HQ	
	Oct.17	Discussion about Financial analysis and COWD Mid&Long term management plan	
6	Fri.	with GM @ COWD HQ	CDO
		Discussion about exposed pipe location @ COWD HQ	
7	Oct.18	Team Meeting, Preparation of Report	CDO
,	Sat.	real meeting, reparation of hepote	050
8	Oct.19	Team Meeting, Preparation of Report	CDO
	Sun.		000
9	Oct.20	Final discussion about this project with GM @ COWD HQ	CDO
	Mon.	Preparation of Report	
10	Oct.21	Project Report Meeting with COWD from 9:00 @ COWD HQ	Manila
10	Tue.	Transfer from Cagayan de Oro to Manila PR2526 / CGY 16:15 - MNL 17:45	IVIGINIG
11	Oct.22	Project Report Meeting with JICA Philippines from 9:30 @ JICA Philippines	Manila
	Wed.	Project Report Meeting with LWUA from 14:30 @ LWUA	·viaima
12	Oct.23	Team Meeting	
	Thu.	Transfer from Manila to Tokyo PR432 / MNL 14:45-NRT 20:10(JT)	

# 6.3.4 Members Configuration

(1) Team Leader / Urban Water Supply System

Yasutoshi Nagai Yokohama Water Co., Ltd.

(2) Non-Revenue Water Measures

Ken Yokoyama Yokohama Water Co., Ltd.

(3) Leakage Management

Shinta Segawa Yokohama Water Co., Ltd.

(4) Financial Analysis / Water Service Improvement

Miyabi Yamashita Yokohama Waterworks Bureau (Support)

### 6.4 Kick-Off Meeting Materials

### 6.4.1 The 1st Local Project Work April 30, 2014@JICA May 2, 2014@COWD



# Current COWD condition

1. Served population: 520,000 persons

2. Service cover rate: 84%

3. Designed daily supply: 145,000m<sup>3</sup>/d

4. Non-revenue water rate: 54%

5. Distribution pipe length: 510km

6. Resin pipe usage rate: 64%

7. Dis.Tank: 7 / P.Well.: 26 / B.P.Sta.: 3

Yokohama Water

# Objectives/Targets of Project 5

- 1. Confirmation of current state of NRW
- 2. Investigation of technical aspect, institutional organization, and financial situation of current NRW reduction activities
- 3. Understanding of problems and tasks of current activities
- 4. Recommendation for improvement measures for each issue

Yokohama Cater

# Implementation Policy (2)

- 4. Proposal and improvement for leakage survey method
  - # Measures of illegal connection (stolen water)
  - # Water meter insensitive volume
  - # Distribution water volume analysis
  - # Pipeline ledger and Mesh management # Preparation of leakage detection equipment
- ... Next page...

  6. Proposal related to pipe network plan and
- 7. Proposal considering cost-effectiveness
- 8. Proposal or the implementation plan from a financial standpoint

Yokohama Water

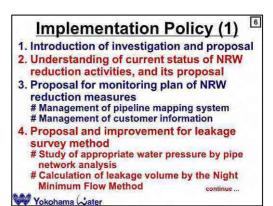
**DMA** setting

# # Dec. 2011, tropical storm "Sendong" hit the Northern Mindanao region. # May 2012, COWD requested assistance to JICA. # From Aug. 2012 to Nov. 2013, COWD, LWUA and JICA rehabilitated COWD water supply system as the disaster recovery support project. # End of 2013, NRW rate of COWD was still 54%. # COWD requested assistance to JICA regarding development of comprehensive NRW reduction program. # JICA Study Team investigates current COWD's activities and organization about NRW reduction and proposes their improvement plans, and

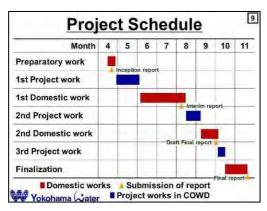
conducts leakage survey training.

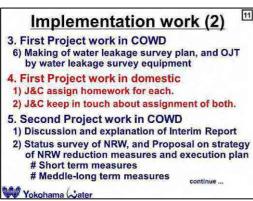
Yokohama ( ater

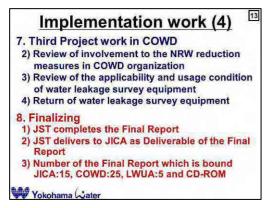


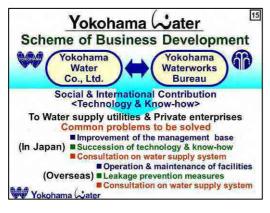


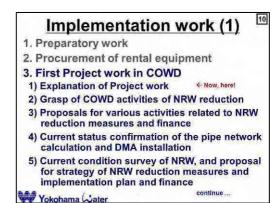


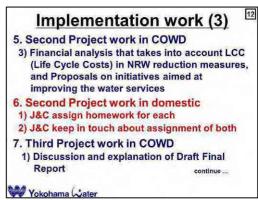


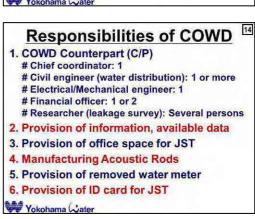










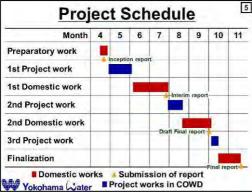




### 6.4.2 The 2nd Local Project Work August 1, 2014@JICA August 4, 2014@COWD



### Implementation Policy (1) 1. Introduction of investigation and proposal 2. Understanding of current status of NRW reduction activities, and its proposal 3. Proposal for monitoring plan of NRW reduction measures # Management of pipeline mapping system # Management of customer information 4. Proposal and improvement for leakage survey method # Study of appropriate water pressure by pipe network analysis # Calculation of leakage volume by the Night Minimum Flow Method Yokohama ( iater



# Implementation Work (2)

- Second Project work in COWD → Short term improvements to reduce the
- water loss
- 2) Medium term measures
- → Proposals regarding grasp of the exact amount of water distribution and DMA setting for water consumption, installation of main pipeline flow meter, and SCADA introduction
- -> Proposal for operation of accurate Revenue Management System (RMS) Yokohama Water

# Objectives / Project Targets [2]

- 1. Confirmation of current state of NRW
- 2. Investigation of technical aspect, institutional organization, and financial situation of current NRW reduction activities
- 3. Understanding of problems and tasks of current activities
- 4. Recommendation for improvement measures for each issue

### Implementation Policy (2) 4. Proposal and improvement for leakage survey method # Measures of illegal connection # Water meter insensitive volume

- # Distribution water volume analysis
- # Pipeline ledger and Mesh management
- # Preparation of leakage detection equipment
- 5. Carrying machinery and material
- 6. Proposal related to pipe network plan and **DMA** setting
- 7. Proposal considering cost-effectiveness
- 8. Proposal or the implementation plan from a financial standpoint

₩ Yokohama Water

# Implementation Work (1)

1. Status survey of NRW, and Proposal on strategy of NRW reduction measures and execution plan

- 1) Short term measures
- → Improvement of short term NRW measures except water leakage
  - # Removal water meter error
  - # Illegal connection place
  - # Non-payment measures
  - # Accompany to the meter reading # Input data of meter reading slip

  - # Training for meter reading staff
- # Outsourcing of meter reading Yokohama Water

# Implementation Work (3)

Second Project work in COWD

- → Proposal for water supply equipment maintenance (Placement of Stub-out with optimal water faucet number, appropriate water supply connection)
  - # Skill and knowhow of plumber of the water supply works company and their training content
  - # Forecast of revenue water increasing by placement of appropriate Stub-out

Yokohama Water

# **Implementation Work (4)**

Second Project work in COWD

- → Proposals regarding the adjustment of distribution water pressure (Distribution water pressure management, Optimization of water pressure at night)
  - # The minimum night flow measurement in existing Pilot Area (In the first project work in COWD, JST conducted confirmation of gate valve and water inlet point.)

### Yokohama Cater

# **Implementation Work (6)**

Second Project work in COWD

- Financial analysis that takes into account the Life Cycle Costs in the NRW Reduction Measures, and Proposals on initiatives aimed at improving the water services
  - → Study of analysis of financial condition and desirable situation of water charge

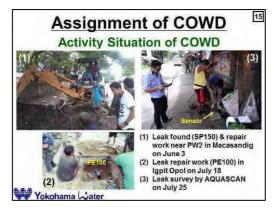


# **Implementation Work (8)**

Second Project work in COWD

- Study of incentive mechanism for promoting the NRW measures
   Conducted content in COWP and etc.
  - # Conducted content in COWD and other companies
- → Study of outsourcing in business in the NRW measures
- → Information transmission to customers, and Study of Customer Satisfaction survey
  - # Questionnaire items in the Customer Satisfaction survey





# Implementation Work (5)

Second Project work in COWD

- → Water distribution facility development (Aged pipe replacement plan, Development of mapping system, Appropriate construction management)
- → Regarding NRW Reduction Measures based on the core vision / mission of COWD and the basic concept of medium-long term policy

## Yokohama Water

# Implementation Work (7)

Second Project work in COWD

- Understanding of water consumption of the customer, Confirmation of the current situation in the billing method, and proposals for these improvements # Understanding of usage volume and billing method of other companies
- → Selection of pipe life or pipe replacement, Judgment of leakage point, Comparison of cost-effectiveness of measures to reduce NRW



# **Assignment of COWD**

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# Leakage survey based on survey plan

→ 46.8km (6.7km/week/team) done

# Water usage volume data collection (Hourly, Daily)

→ Being carried out at 1 DMA

# PW, BPS, BW meter accuracy check by USFM
→ Being carried out at Macasandig BPS

# 50 (5 X 10 years) water meters flow test

→ Finished selection, but not collection

# Illegal connection survey

→ Start to survey by Leakage Team
# Meter chamber construction at Pilot area

→ Complete soon

# Pipe location of ACP and Phase 1 ~ 3

→ ACP and Phase 1 finished

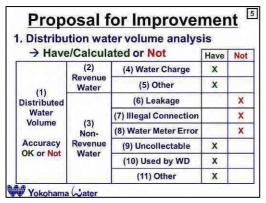
Yokohama Water



### 6.4.3 The 3rd Local Project Work October 13, 2014@JICA October 14, 2014@COWD

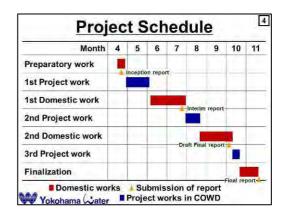


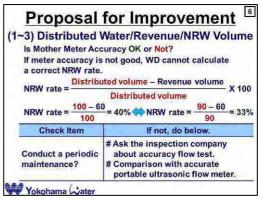


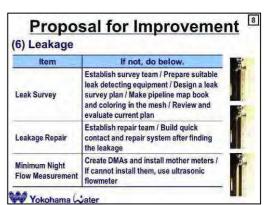




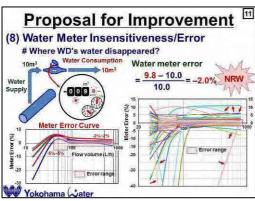
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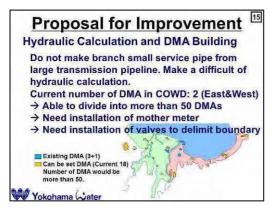






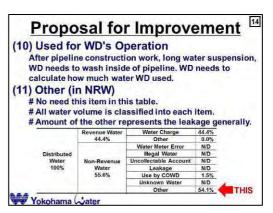


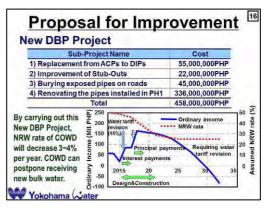


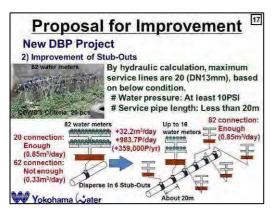


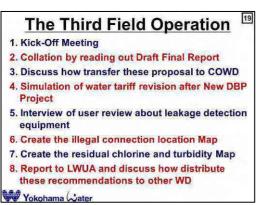












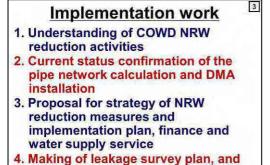




### 6.5 Report Materials

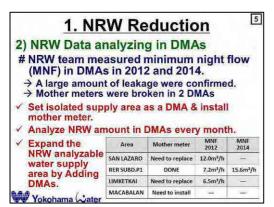
## 6.5.1 The 1st Local Project Work May 30, 2014@COWD June 2, 2014@JICA

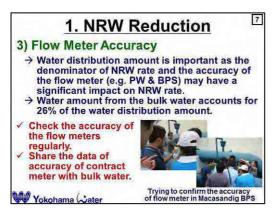




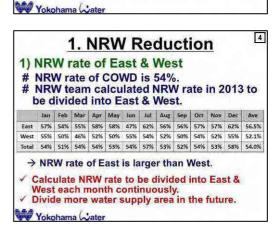
OJT by leakage survey equipment

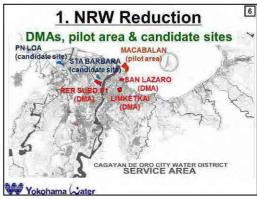
Yokohama Water

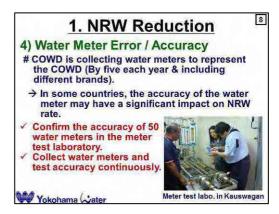




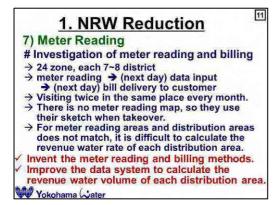
# Objectives / Project Targets 1. Confirmation of current state of NRW 2. Investigation of technical aspect, institutional organization, and financial situation of current NRW reduction activities 3. Understanding of problems and tasks of current activities 4. Recommendation for improvement measures for each issue







### 9 1. NRW Reduction 5) Illegal Connection # Investigation of illegal connection status → Illegal connections are Fixed-cut when they are Number of Fixed-cut connection (2013): 166 In consideration of NRW volume and the field situation, the actual number of illegal connection is assumed to be greater than Fixed-cut number. Enhance the system to discover and prevent the illegal connection for reducing non-revenue water and ensure equity.

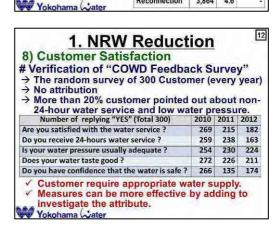


Yokohama Water





### 10 1. NRW Reduction 6) Non-payment # Investigation of payment status (2013) → Payment until due date : 75% In Yokohama case Payment before Disconnect Notice deliverable : 97%(Bank transfer 99%, Others 87%) → Payment Place : 4 COWD Office and 13 Bank (4 large commercial malls : Negotiating) : Cash, Check, Other (Bank transfer, Credit card, Online : Examining) % YWWB Num. Promote improvement of convenience Disconnection 5.272 6.3 0.4 Fixed-cut 321 0.4 of payment Reconnection 3,864 46





# 2. Leakage survey & repair

- 4) Leakage Survey in whole supply area # NRW team made Leak Survey Plan.
  - → The major cause of 54% of NRW rate is water leakage.

    → COWD can not conduct water leakage survey
- effectively and efficiently by elite few staffs without Leak Survey Plan.
- Conduct the leakage survey 510km of pipeline of COWD until mid October. Understand where water leakage comes
- from.

Yokohama Water

## 3. Drawing Management

- 1) Mesh management on pipeline map
- # NRW team created standard mesh and sub-mesh on the distribution pipeline map.
- Introduce mesh management in daily O/M.
- Manage Stub-Out, water meter ID, Leakage repair point in mesh
- Describe water pressure & residual chlorine in mesh map.

### Yokohama Water

# 4. Effort to next year

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- 2) Mid-term Plan (for 3-5 years)
- # COWD has the goal (e.g. 2% reduction of NRW rate every year).
- → There are no plans on specific projects in order to achieve the goals.
- Make a plan for a projects based on financial plan in order to solve the mid-term and long-term problems.



# 4. Effort to next year

- 4) In-house or Outsourcing?
- # It takes time to repair a lot of water leakages.
- → In the case of in-house, COWD will not be able to respond quickly because of the lack of manpower.
- One solution, consider the outsourcing of excavation, repair and pavement restoration.

### Yokohama Water

# 5. Organization and Financial 23

- 2) Production cost / Unit sales price
- # Analysis of production cost / unit sales price
- → Important PI to determine COWD business
- → Production cost (Case of YWWB) = Ordinary expenses / Revenue water volume
- Unit sales price

  = Water Sales / Revenue water volume

  > COWD adopts the indicator of "Production and Distribution cost per cubic meter produced'
- Clarify the influence of revenue water on production cost

Yokohama Water

Indicator (2012)	calculation
Production cost	26.4 PHP/m <sup>3</sup>
Unit sales price	26.6 PHP/m <sup>3</sup>
c.f. Pro. and Dis.	5.9 PHP/m <sup>3</sup>

### 4. Effort to next year

1) Stub-out Improvement

- # In COWD Stub-Out criteria, the water meters can be installed up to 20 at 10psi.
- → There are many Stub-Out installed more than 20 meters (maximum 96 meters!!)
- → In most area, water pressure is less than 10psi.

  → Most complain is "No Water"
- due to low pressure. According to the Stub-Out criteria.
- If water pressure is low, consider the appropriate number of water



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Yokohama Water

# 4. Effort to next year

3) Strategy for sweep away puddle # There are many puddle in CDO city.





- → Poor Landscape, Traffic Jam, Inconvenience of
- pedestrian

  → Cause of puddle might be water leakage.
- ✓ Clarify the cause with city government.
   ✓ Sweep away all puddle in CDO.

### Yokohama Water

# 5. Organization and Financial [22]

- 1) Leak Detection Team is not Section.
  - # Authority and position as an organization is unclear
  - → Non-Revenue Water Team does not exist in the duties of division.
- →For authority and chain of command is not clear, sometimes, it is difficult to promote coordination across the division.
- At the next time of the organizational reform, it is important to position NRW team in the organization (above the unit).
- It is necessary to grant the adjustment authority across the division.

# 5. Organization and Financial 24

INCOME Operating Revenue	cowi		YWWB		
	672,760	99.6%	34,057,787	95.4%	
Water Sales	640,300	94.8%	30,202,822	84.6%	
Others	32,459	4.8%	3,854,965	10.8%	
Penalty Charges	25,014	3.7%	-	-	
Other account transferred	-		2,468,654	6.9%	
Others	7,445	1.1%	1,386,311	3.9%	
Other Income	2,992	0.4%	1,628,617	4.6%	
Connection charge			1,281,407	3.6%	
General account subsidy		-	94,163	0.3%	
Others	2,992	0.4%	253,047	0.7%	
TOTALINCOME	675,752	100%	35,686,403	100%	

3) Financial Ove	erview	2012			
EXPENSES	COWI		YWWB		
Operating Expenses	535,415	84.0%	31,276,810	94.5%	
Operation	421,745	66.2%	*		
Operation, management etc.	120	-	5,020,452	15.2%	
Maintenance	47,077	7.4%			
Treatment, Distribution etc.			17,049,008	51.5%	
Depreciation	66,593	10.5%	7,787,130	23.5%	
Fixed assets retirement cost			1,420,220	4,3%	
Other Expenses	101,812	16.0%	1,826,305	5.5%	
Interest on long-term debts	101,812	16.0%	- A. T. C. C.		
Interest expenses etc.		-	1,760,744	5.3%	
Others	-	-	65,561	0.2%	
TOTALEXPENSES	637,227	100%	33,103,115	100%	
NET PROFIT	38,525		2,684,415		

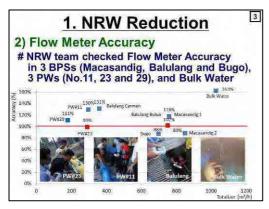
Assignme	ent / Homework
Project w	ork in Domestic
COWD	
# Hourly, Daily and # Accuracy check of # 50 water meters a # Illegal connection # Meter chamber co	n survey onstruction of pilot area CP and phase I, II ,III
JICA Study Team	omane
# Hydraulic analysi	
# Financial analysis	
# Analysis of the da	ata collected

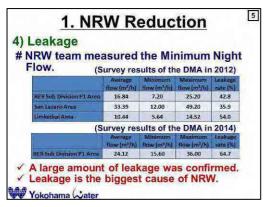
Month	4	5	6	7	8	9	10	11
Preparatory work								
1st Project work	-	nceptio	n repoi					
1st Domestic work					2 V V			
2nd Project work					Interim	report		
2nd Domestic work								
3rd Project work				Dra	ft Final	report		
Finalization								

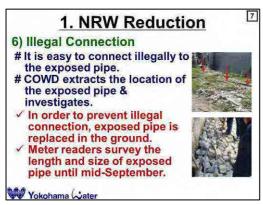


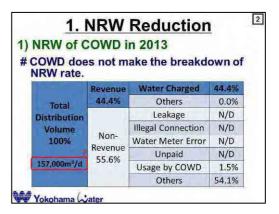
### 6.5.2 The 2nd Local Project Work August 18, 2014@COWD August 19, 2014@JICA

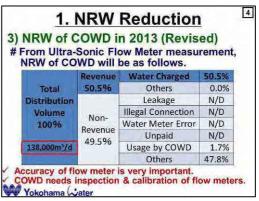


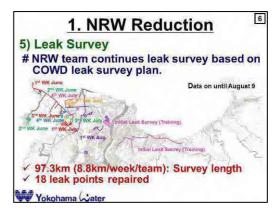


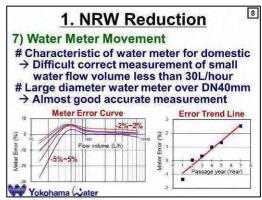


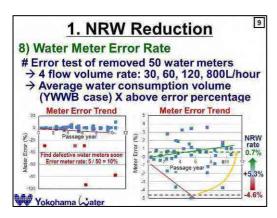




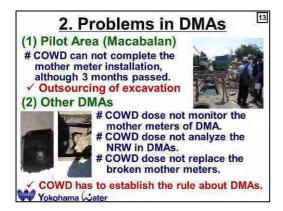


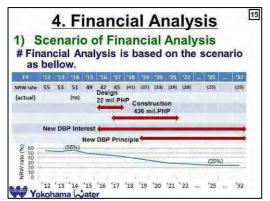


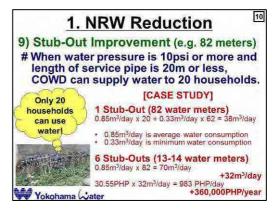


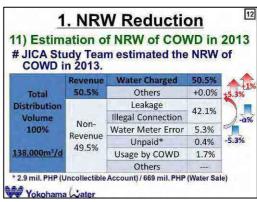






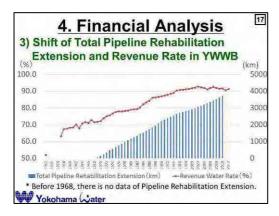


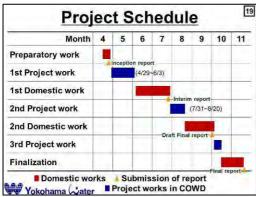












# Assignment of COWD Project work in Domestic # Continuously leak survey # Illegal connection survey # Extracting of exposed pipe until midSeptember (location, pipe size and pipe length) and cost estimation of replacement # Mother meter installation and measurement MNF in Macabalan # Establishment of procurement and inventory management plan of chlorine and mother meters # Establishment of rule of DMA monitoring and analyzing



### 6.5.3 The 3rd Local Project Work October 21, 2014@COWD October 22, 2014@JICA





