

GUAM WATERWORKS AUTHORITY
WATER DEMAND BY RATE CLASS
FY2015 - FY2023

SCHEDULE K

CLASS	AUDITED								UNAUDITED	Annualized Based on 2 months	% Inc / (Dec.)
	FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	FY2020 TOTAL CONSUMPTION (kGal)	FY2021 TOTAL CONSUMPTION (kGal)	FY2022 CONSUMPTION (kGal)*	FY2023 TOTAL CONSUMPTION (kGal)	FY2024 TOTAL CONSUMPTION (kGal)	
R Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	3,712,723	3,622,617	3,450,574	3,185,230	3,099,452	11%
C Commercial	1,020,089	1,022,890	964,639	910,905	906,192	822,029	786,054	818,460	816,393	835,126	-9%
F Federal	1,168	1,180	2,508	1,813	1,602	1,338	2,069	1,389	1,099	908	-16%
G Government	515,974	475,366	448,430	450,165	405,980	408,502	404,026	470,581	445,116	432,742	1%
H Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	714,161	448,034	462,757	554,767	566,885	-34%
G Golf	6,850	6,770	5,252	2,741	2,793	5,835	2,855	3,796	6,415	1,001	109%
A Agriculture	67,376	78,628	69,482	81,127	90,803	84,492	68,805	65,719	49,748	49,591	-7%
I Irrigation	<u>10,385</u>	<u>11,351</u>	<u>10,143</u>	<u>8,504</u>	<u>7,896</u>	<u>8,654</u>	<u>5,404</u>	<u>4,888</u>	<u>3,242</u>	<u>3,284</u>	10%
GRAND TOTAL	<u>6,036,620</u>	<u>6,033,960</u>	<u>5,711,790</u>	<u>5,758,590</u>	<u>5,855,091</u>	<u>5,757,733</u>	<u>5,339,864</u>	<u>5,278,164</u>	<u>5,062,012</u>	<u>4,988,990</u>	-2%

Guam Waterworks Authority
System Development Charges Project Status
As of November 30, 2023

SCHEDULE L

Funding Summary

Total available project funds	\$ 17,550,827
Total project expenditures and encumbrances	12,445,814
Total unobligated project funds	\$ 5,105,013

Projects Funded

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,151,116	2,854	1,153,971
Central Guam Reservoirs	276,008	4,032	280,040
Line Replacement Phase IV	256,937	-	256,937
Northern District WWTP	7,552,513	-	7,552,513
Northern District WWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	-	519,227
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	143,647	7,560	151,207
	\$ 12,185,510	\$ 260,303	\$ 12,445,814

Future planned projects

FY 2024-2025

Water Distribution System Pipe Replacement & Upgrades	500,000
Capacity Enhancement - Well Development and Construction Program	394,000
Well Repair Program	200,000
	\$ 1,094,000



Financial Statement Overview December 2023

Key Financial Indicators

Indicator	Target	October 2023	November 2023	December 2023
DSC YTD				
• Per Section 6.12 of Indenture	1.25	1.51	1.54	1.59
• Per PUC / CCU	1.30	1.51	1.54	1.59
Days – Cash on Hand	120 days	294 days	267 days	271 days
Collection Ratio				
• Month to Date	99%	90%	78%	90%
• Year to Date	99%	90%	84%	86%
Days Billed	30 days	30 days	31 days	29 days
Account Receivable Days	30 days	30 days	37 days	39 days
Account Payable Days	45 days	44 days	40 days	40 days
Employee Count	400 FTE	359 FTE	359 FTE	359 FTE
Water Demand				
• Month to Date	451,933	406,286	424,276	431,731
• Year to Date	1,355,800	406,286	850,562	1,262,292
Wastewater Flow				
• Month to Date	317,500	305,787	303,650	316,817
• Year to Date	952,500	305,787	609,437	926,254
Operations & Maintenance Expense	\$6,567,186	\$6,014,838	\$5,701,402	\$5,645,143
Water Customers	43,978	43,549	43,565	43,539
Wastewater Customers	27,304	30,901	30,946	31,083

*Excludes Depreciation

Water and Wastewater Consumption

Water consumption is 2% more and wastewater flows are 9% more for the month of December compared to last year. Increases in Government demand offset decreases in residential water demand. Wastewater flows increases in the Federal Government largely drove the increases in overall wastewater flows. Note that billing days in December this year and last were 29 days.

Year-to-date water consumption as of December 2023 were 1% below prior year and wastewater flows were 3% above prior year. Decreases in water consumption for the Government of Guam and Residential customer classes were the main reasons for the decrease in water consumption. Increases in wastewater flows from the Federal Government were the reasons for the increase in overall wastewater flows.

Year-to-date average daily water consumption (ADC) as of December 2023 of 14,025 kgals is 3% less than the prior year's 14,438 kgals. Decreases in the Government of Guam and residential customer classes largely drove the reduction in ADC. Year-to-date billing days are 2 days more than the prior year.

**Balance Sheet (Schedule A)**

- Total Assets & Deferred Outflows of Resources of \$1.220B in September 2023 increased by \$10.3M or 1% to \$1.230B in October 2023. Current Assets increased by \$6.2M primarily due to increases in restricted cash and accounts receivable. Property, Plant and Equipment decreased by \$3.7M due to increases in depreciation. Other Noncurrent Assets increased by \$8.3M thousand due to increase in investment.
- Liabilities & Deferred Inflow of Resources of \$886.1M in September 2023 increased by \$5.0M or less than 1% to \$891.2M in December 2023 primarily due to increases in interest payable.
- Accounts Receivable days in December increased to 39 days from 37 days in November. Accounts Payable days were 40 days in November and December. Schedule I presents Accounts Receivable Aging by Customer Class and Schedule H contains a breakdown of Government Receivables. Schedule J reports Accounts Payable Aging.

Statement of Operations and Retained Earnings (Schedules B-E)

- Total Operating Revenues for December 2023 of \$10.8M is \$72.5K less than the budget of \$10.8M. December 2023 Total Operating Revenues are 23% or \$2.0M more than December 2022's \$8.7M. Note there was a rate increase of 16.7% effective October 2023.
- Year-to-date Operating Revenues as of December 2023 of \$32.4 were \$100K less than budget and \$5.3M or 20% more than Year-to-date Operating Revenues as of December 2022 of \$27.0M.
- Below are the percentages of operating revenues (water and wastewater) contributed by GWA's customer classes for FY2024 and FY2023 as well as the revenue totals:

Customer Class	FY2024		FY2023	
o Residential	\$13,475,897	42.71%	\$11,571,946	43.80%
o Commercial	6,725,892	21.32%	6,025,142	22.81%
o Hotel	5,241,865	16.61%	4,049,968	15.33%
o Government of Guam	3,822,329	12.11%	3,498,567	13.24%
o Federal Government	2,150,950	6.82%	1,165,878	4.41%
o Agriculture, Golf Course, Irrigation	133,551	.42%	107,121	.41%
TOTALS	\$31,550,485	100%	\$26,418,620	100.00%

- Total Operating Expenses for December 2023 of \$8.0M were \$841.5K or 9% less than budget of \$8.9M. December 2023 Total Operating Expenses were 12% or \$1.1M less than December 2022's \$9.1M.
- Year-to-date Operating Expenses as of December 2023 of \$24.4M were 9% or \$2.3M less than the budget of \$26.7M and 6% or \$1.5M less than December 2022's \$25.9M. The decrease year over year was mainly due to the decrease in utilities.
- Earnings from Operations for December 2023 of \$2.7M were 40% or \$769.0K more than the budget of \$1.9M and \$3.1M more than December 2022's -\$377.5K. Change in Net Assets for December 2023 of \$2.4M was 29% or \$533.3K more than the \$1.8M budget and \$4.1M less than December 2022's -\$6.4M. The decrease in the Change in Net Assets year over year was mostly due to the decrease in Federal Grants.



- Year-to-date Earnings from Operations as of December 2023 of \$8.0M is 38% or \$2.2M more than the budget of \$5.8M and \$6.9M more than prior year's \$1.1M. Year-to-date Change in Net Assets as of December 2023 of \$5.26M is \$258.3K or 5% less than budget of \$5.5M and \$78.5K or 1% less than prior year's \$5.34M
- No Rate Stabilization Funds were used in October 2023. There is a balance of \$950K in the RSF at the end of October 2023 due to a transfer of settlement monies.

Cash Flow (Schedule F)

- FY2024 cash flows from operating activities were \$9.1M, cash used in capital and financing activities was \$4.3M, and cash used for investing activities was \$6.6M resulting in a FY2024 decrease in cash of \$1.8M. Days Cash on Hand for December 2023 was calculated at 271 days compared to November 2023's 267 days. Schedule G contains a schedule of restricted and unrestricted cash and investments.

Customer Payments

While only 7% of payments are made in cash, a third of payments continue to be made in person. The Upper Tumon drive through continues to remain open.

On April 28, 2020, CCU Resolution 24-FY2020 granted the lifting of credit card limits on payments for non-residential accounts. In FY2023, approximately 48% of payments were made with credit cards. Below is a summary of non-residential credit card payments and related fees.

Month	Customer Count	Amount Paid	Fees	% Of Fees to Payments
May – September 2020	140	\$241,335	\$4,952	2.05%
October 2020–September 2021	526	\$1,119,286	\$22,505	2.01%
October 2021– September 2022	738	\$3,076,971	\$61,588	2.00%
October–December 2022	203	\$878,486	\$16,756	1.91%
January - March 2023	212	\$894,615	\$17,063	1.91%
April – June 2023	166	\$754,679	\$14,394	1.91%
July–September 2023	202	\$889,571	\$17,886	2.01%
October 2023	58	\$307,437	\$6,181	2.01%
November 2023	54	\$275,426	\$5,538	2.01%
December 2023	80	\$452,459	\$9,097	2.01%

The increase in percentage of fees is due to more customers paying on-line versus making payments at the GPWA offices. Credit card payments at GPWA offices use the FHB facility while BOH processes online payments; BOH charges higher fees. The recent merchant services bids will be evaluated in January.

The Upper Tumon office is open for payments on Saturdays. For the five Saturdays in December, 547 payments totaling \$117,771 were made towards GWA billings and 846 payments totaling \$256,255 were made for GPA.

For the month of December, Finance posted \$65,922 in utility payments from the Department of Administration (DOA) for eligible renters as part of the Guam Emergency Rental Assistance Program (GERAP).



There were \$16,568 in payments received for eligible homeowners as part of the Guam Homeowners Assistance Fund (GHAFF). There were no payments from the Guam Low Income Household Water Assistance Program (GLIHWAP); the funding for the GLIHWAP has been exhausted and Congress has yet to pass a budget to authorize additional funding.

Guam Solid Waste (GSW) Customer Payments

GPWA began to accept GSW payments on June 6, 2022. For the month of December 2023, GWA accepted \$71,013 in GSW payments at the Upper Tumon Office. GWA will bill \$1,222 to GSW for processing fees.

FY2025-FY2029 Financial Plan

In December, the Budget Team met with the Assistant General Managers to go over and clarify the budget submissions. The Rate Payers Bill of Rights (RPBR) requires a 3-month and 1-month notice prior to the filing of the plan with the PUC. The update of the master plan will help to build the 5-year CIP which will be an integral part of the financial plan. The PUC in December agreed to GWA's proposed timeline to ensure compliance with the RPBR while facilitating a timely review and approval of the financial plan.

Underwriter / Refinancing Update

It was recently announced that Citibank would be getting out of the Municipal Banking business. As you may be aware, Royal Bank of Canada (RBC) was also selected to assist Guam Waterworks Authority with bond transactions. Shortly before Citibank announced it would pull out of the market, Citibank had suggested that GWA begin to work on the bond refinancing and tendering preparations as the market seemed to have recovered and conditions appeared to be favorable. It is anticipated that RBC would be handling the bond refunding transactions.

A docket was submitted to the PUC requesting their approval of the Bond Refunding at their December meeting. However, the assigned ALJ requested to delay the PUC review until January after an approved GEDA resolution is obtained. Discussions with GEDA, Orrick and RBC are slated to begin in early January.

**GUAM WATERWORKS AUTHORITY
December 31, 2023
FINANCIAL AND RELATED REPORTS
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GUAM WATERWORKS AUTHORITY
Balance Sheet
December 31, 2023

SCHEDULE A

	Unaudited December 31, 2023	Unaudited September 30, 2023	Increase (Decrease)
ASSETS AND DEFERRED OUTFLOWS of RESOURCES			
<u>Current Assets</u>			
Cash			
Unrestricted (Schedule G)	48,480,519	50,324,888	(1,844,368)
Restricted Funds (Schedule G)	35,422,310	32,707,733	2,714,577
Accounts Receivable Trade, Net of Allowance for Doubtful Receivables of \$9,582,684 at Dec 31, 2023 and \$9,365,376 at Sep 30, 2023	15,101,987	11,484,716	3,617,271
Federal Receivable	1,002,224	2,191,346	(1,189,122)
Other Receivable	6,738,102	4,831,548	1,906,554
Prepaid Expenses	2,330,370	1,251,660	1,078,710
Materials & Supplies Inventory, Net of Allowance for Obsolescence of \$122,856 at Dec 31, 2023 and \$122,856 at Sep 30, 2023	5,024,060	5,096,658	(72,597)
Total Current Assets	114,099,573	107,888,548	6,211,025
<u>Property, Plant and Equipment</u>			
Utility plant in service			
Water system	445,088,120	444,848,078	240,042
Wastewater system	679,964,271	679,249,470	714,802
Non-utility property	34,359,227	33,683,228	675,999
Intangible Lease Asset	951,314	951,314	-
Total property	1,160,362,932	1,158,732,090	1,630,842
Less: Accumulated Depreciation	(432,643,114)	(425,426,791)	(7,216,323)
Land	5,287,305	5,287,305	-
Construction Work in Progress	76,049,558	74,149,217	1,900,341
Property, Plant and Equipment, net	809,056,681	812,741,821	(3,685,140)
<u>Noncurrent assets</u>			
Restricted cash (Schedule G)	148,456,601	150,366,788	(1,910,187)
Investments (Schedule G)	80,433,975	70,239,665	10,194,310
Total other noncurrent assets and deferred charges	228,890,575	220,606,453	8,284,122
Total Assets	1,152,046,829	1,141,236,822	10,810,007
Deferred outflows of resources			
Regulatory assets	2,858,947	2,858,947	-
Debt defeasance due to bond refunding	26,678,077	27,184,464	(506,386)
Deferred outflows from pension	7,405,025	7,405,025	-
Deferred outflows from OPEB	41,247,962	41,247,962	-
Total Assets and Deferred Outflows of Resources	1,230,236,840	1,219,933,220	10,303,621
LIABILITIES, DEFERRED INFLOWS of RESOURCES AND NET ASSETS			
<u>Current Liabilities</u>			
Current maturities of long-term debt			
Series 2013 Revenue Bond	3,315,000	3,315,000	-
Series 2014 Refunding Bond	4,205,000	4,205,000	-
Series 2016 Revenue Bond	875,000	875,000	-
Series 2017 Refunding Bond	2,365,000	2,365,000	-
Lease Liability	265,190	265,190	-
Accounts Payable -Trade	4,190,841	4,329,683	(138,842)
Accrued and Other Liabilities	14,679,940	14,216,960	462,979
Interest Payable	14,141,033	7,070,516	7,070,516
Accrued Payroll and Employee Benefits	1,864,188	1,334,022	530,166
Current portion of employee annual leave	729,390	729,390	-
Contractors' Payable	6,128,178	8,565,009	(2,436,831)
Customer and Other Deposits	2,291,572	2,268,968	22,605
Total Current Liabilities	55,050,331	49,539,738	5,510,593
<u>Long Term Debt, less current maturities</u>			
Series 2013 Revenue Bond	15,050,000	15,050,000	-
Series 2014 Refunding Bond	55,845,000	55,845,000	-
Series 2016 Revenue Bond	133,265,000	133,265,000	-
Series 2017 Refunding Bond	98,565,000	98,565,000	-
Series 2020A Revenue Bond	134,000,000	134,000,000	-
Series 2020B Refunding Bond	166,075,000	166,075,000	-
Unamortized Bond Premium/Discount	36,818,363	37,287,410	(469,047)
Lease Liability LT	192,245	192,245	-
Net pension liability	46,038,335	46,038,335	-
Net OPEB obligation	116,272,057	116,272,057	-
Employee Annual Leave, Less Current Portion	913,289	913,289	-
Employee Sick Leave	1,429,998	1,429,998	-
Total Liabilities	859,514,619	854,473,073	5,041,546
Deferred inflows of resources:			
Contribution in Aid of Construction	646,937	646,937	-
Deferred inflows from pension	5,176,746	5,176,746	-
Deferred inflows from OPEB	25,852,937	25,852,937	-
Total Liabilities and Deferred Inflows of Resources	891,191,239	886,149,693	5,041,546
Net Assets	339,045,601	333,783,527	5,262,075
Total Liabilities, Deferred Inflows of Resources and Net Assets	1,230,236,840	1,219,933,220	10,303,621

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending December 31, 2023

SCHEDULE B

	Month to Date		Variance
	Actual (Unaudited)	Budget	Favorable /
	December-23	December-23	(Unfavorable)
OPERATING REVENUES			
Water Revenues	6,660,373	6,706,635	(46,262)
Wastewater Revenues	3,640,429	3,652,565	(12,136)
Legislative Surcharge	336,124	327,945	8,179
Other Revenues	32,183	39,525	(7,342)
System Development Charge	87,050	102,000	(14,950)
Total Operating Revenues	10,756,159	10,828,670	(72,511)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	502,950	491,667	(11,283)
Power Purchases	1,749,006	1,935,131	186,125
Total Utility Costs	2,251,955	2,426,797	174,842
Salaries and Wages	1,583,293	1,825,560	242,267
Pension and Benefits	653,102	649,877	(3,225)
Total Salaries and Benefits	2,236,395	2,475,437	239,042
Capitalized Labor and Benefits	(228,080)	(346,595)	(118,515)
Net Salaries and Benefits	2,008,315	2,128,842	120,527
Administrative and General Expenses			
Sludge removal	116,085	27,993	(88,092)
Chemicals	71,246	159,944	88,698
Materials & Supplies	99,078	207,083	108,005
Transportation	48,149	64,580	16,431
Communications	9,199	13,268	4,069
Claims	-	14,917	14,917
Insurance	148,838	161,333	12,496
Training & Travel	27,927	16,763	(11,164)
Advertising	675	11,199	10,524
Miscellaneous	123,579	111,992	(11,587)
Regulatory Expense	14,250	18,250	4,000
Bad Debts Provision	(8,192)	188,520	196,712
Total Administrative and General Expense	650,833	995,841	345,008
Depreciation Expense	2,401,273	2,401,423	150
Contractual Expense			
Audit & Computer Maintenance	136,553	165,771	29,218
Building rental	47,818	50,264	2,446
Equipment rental	23,127	46,774	23,647
Legal	91,609	125,000	33,391
Laboratory	17,835	43,829	25,994
Other	104,229	190,403	86,173
Total Contractual Expense	421,171	622,041	200,871
Retiree Supp. Annuities and health care costs	254,410	252,159	(2,251)
Contribution to Government of Guam	58,458	60,809	2,350
Total Retiree Benefits	312,868	312,968	100
Total Operating Expenses	8,046,416	8,887,913	841,497
Earnings (Loss) from Operations	2,709,743	1,940,757	768,986
Interest Income - 2010/13/14/16/17/20 Series Bond	1,647,466	647,004	1,000,462
Interest Income - Other Funds	402,479	22,917	379,562
Interest Income - SDC	13,199	873	12,326
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,356,839)	(2,356,839)	-
Interest Expense - Leases	-	-	-
Contributions from Local Government	-	-	-
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	(56,499)	56,499
Legal settlements	-	-	-
Amortization of Discount, Premium and Issuance Costs	156,349	124,228	32,121
Defeasance due to bond refunding	(168,795)	(170,449)	1,654
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(30,148)	(7,229)	(22,919)
Total non-operating revenues (expenses)	(336,290)	(1,795,994)	1,459,704
Net Income (Loss) before capital contributions	2,373,453	144,762	2,228,690
Capital Contributions			
Grants from US Government	-	1,686,437	(1,686,437)
Grants from GovGuam & Others	-	8,937	(8,937)
Total Capital Contributions	-	1,695,374	(1,695,374)
Change in Net Assets	2,373,453	1,840,136	533,317
Debt Service Calculation			
Earnings From Operations	2,709,743	1,940,757	
System Development Charge	(87,050)	(102,000)	
Retiree COLA	58,458	60,809	
Interest/Investment Income	402,479	22,917	
Depreciation	2,401,273	2,401,423	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	79,167	
ARPA Grant	-	-	
Balance Available for Debt Service per Section 6.12	5,484,903	4,403,072	
Debt Service			
Principal	896,667	896,667	
Interest	2,356,839	2,356,839	
Total	3,253,505	3,253,505	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.69	1.35	
Debt Service Coverage (1.30X) (PUC)	1.69	1.35	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending December 31, 2023 and 2022

SCHEDULE C

	Month to Date		Variance
	Actual (Unaudited)	Actual (Unaudited)	Increase /
	December-23	December-22	(Decrease)
OPERATING REVENUES			
Water Revenues	6,660,373	5,532,149	1,128,223
Wastewater Revenues	3,640,429	2,842,282	798,147
Legislative Surcharge	336,124	250,453	85,671
Other Revenues	32,183	29,577	2,606
System Development Charge	87,050	73,082	13,968
Total Operating Revenues	10,756,159	8,727,543	2,028,615
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	502,950	444,814	58,136
Power Purchases	1,749,006	2,374,793	(625,787)
Total Utility Costs	2,251,955	2,819,607	(567,652)
Salaries and Wages	1,583,293	1,688,444	(105,151)
Pension and Benefits	653,102	654,444	(1,342)
Total Salaries and Benefits	2,236,395	2,342,888	(106,493)
Capitalized Labor and Benefits	(228,080)	(201,657)	(26,423)
Net Salaries and Benefits	2,008,315	2,141,231	(132,916)
Administrative and General Expenses			
Sludge removal	116,085	44,767	71,318
Chemicals	71,246	106,029	(34,783)
Materials & Supplies	99,078	92,829	6,249
Transportation	48,149	31,660	16,488
Communications	9,199	7,203	1,996
Claims	-	4,693	(4,693)
Insurance	148,838	153,844	(5,006)
Training & Travel	27,927	4,826	23,101
Advertising	675	4,067	(3,392)
Miscellaneous	123,579	92,327	31,252
Regulatory Expense	14,250	16,888	(2,638)
Bad Debts Provision	(8,192)	172,498	(180,690)
Total Administrative and General Expense	650,833	731,631	(80,798)
Depreciation Expense	2,401,273	2,701,981	(300,707)
Contractual Expense			
Audit & Computer Maintenance	136,553	145,509	(8,956)
Building rental	47,818	47,415	402
Equipment rental	23,127	58,976	(35,849)
Legal	91,609	-	91,609
Laboratory	17,835	59,467	(41,632)
Other	104,229	109,391	(5,161)
Total Contractual Expense	421,171	420,758	413
Retiree Supp. Annuities and health care costs	254,410	233,774	20,637
Contribution to Government of Guam	58,458	56,100	2,358
Total Retiree Benefits	312,868	289,874	22,995
Total Operating Expenses	8,046,416	9,105,081	(1,058,665)
Earnings (Loss) from Operations	2,709,743	(377,538)	3,087,281
Interest Income - 2010/13/14/16/17/20 Series Bond	1,647,466	749,454	898,012
Interest Income - Other Funds	402,479	97,087	305,392
Interest Income - SDC	13,199	2,305	10,894
Interest Expense - 2010/13/14/16/17/20 Series Bond	(2,356,839)	(2,400,140)	43,301
Interest Expense - Leases	-	-	-
Contributions from Local Government	-	2,250,000	(2,250,000)
Federal Expenditures	-	-	-
Loss on Asset Disposal	-	(198,595)	198,595
Legal settlements	-	-	-
Amortization of Discount, Premium and Issuance Costs	156,349	124,228	32,121
Defeasance due to bond refunding	(168,795)	(170,449)	1,654
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(30,148)	(20,792)	(9,357)
Total non-operating revenues (expenses)	(336,290)	433,098	(769,388)
Net Income (Loss) before capital contributions	2,373,453	55,560	2,317,893
Capital Contributions			
Grants from US Government	-	6,386,867	(6,386,867)
Grants from GovGuam & Others	-	-	-
Total Capital Contributions	-	6,386,867	(6,386,867)
Change in Net Assets	2,373,453	6,442,427	(4,068,974)
Debt Service Calculation			
Earnings From Operations	2,709,743	(377,538)	
System Development Charge	(87,050)	(73,082)	
Retiree COLA	58,458	56,100	
Interest/Investment Income	402,479	97,087	
Depreciation	2,401,273	2,701,981	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	-	
ARPA Grant	-	2,250,000	
Balance Available for Debt Service per Section 6.12	5,484,903	4,654,547	
Debt Service			
Principal	896,667	852,917	
Interest	2,356,839	2,400,140	
Total	3,253,505	3,253,056	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.69	1.43	
Debt Service Coverage (1.30X) (PUC)	1.69	1.43	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative Budget vs. Actual for the period ending December 31, 2023

SCHEDULE D

	Year to Date		Variance
	Actual (Unaudited) December-23	Budget December-23	Favorable / (Unfavorable)
OPERATING REVENUES			
Water Revenues	19,825,028	20,119,904	(294,875)
Wastewater Revenues	10,718,068	10,957,695	(239,627)
Legislative Surcharge	1,007,388	983,835	23,553
Other Revenues	96,027	118,575	(22,548)
System Development Charge	738,970	306,000	432,970
Total Operating Revenues	32,385,481	32,486,009	(100,527)
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	1,415,307	1,475,000	59,693
Power Purchases	5,158,254	5,805,392	647,138
Total Utility Costs	6,573,561	7,280,392	706,831
Salaries and Wages	4,852,002	5,476,681	624,679
Pension and Benefits	1,991,738	1,949,630	(42,107)
Total Salaries and Benefits	6,843,740	7,426,312	582,572
Capitalized Labor and Benefits	(498,406)	(1,039,785)	(541,379)
Net Salaries and Benefits	6,345,334	6,386,527	41,193
Administrative and General Expenses			
Sludge removal	281,773	83,979	(197,794)
Chemicals	271,715	479,833	208,118
Materials & Supplies	351,834	621,248	269,415
Transportation	132,901	193,740	60,839
Communications	26,116	39,803	13,687
Claims	-	44,750	44,750
Insurance	446,513	484,000	37,487
Training & Travel	57,084	50,288	(6,796)
Advertising	3,113	33,596	30,484
Miscellaneous	375,609	335,977	(39,632)
Regulatory Expense	32,994	54,750	21,756
Bad Debts Provision	201,007	565,559	364,552
Total Administrative and General Expense	2,180,659	2,987,523	806,864
Depreciation Expense	7,216,323	7,204,269	(12,054)
Contractual Expense			
Audit & Computer Maintenance	477,941	497,314	19,373
Building rental	144,296	150,791	6,495
Equipment rental	70,950	140,323	69,372
Legal	91,609	375,000	283,391
Laboratory	71,478	131,488	60,010
Other	251,899	571,208	319,309
Total Contractual Expense	1,108,174	1,866,124	757,950
Retiree Supp. Annuities and health care costs	763,230	756,478	(6,752)
Contribution to Government of Guam	175,375	182,426	7,051
Total Retiree Benefits	938,605	938,904	299
Total Operating Expenses	24,362,657	26,663,739	2,301,082
Earnings (Loss) from Operations	8,022,825	5,822,270	2,200,555
Interest Income - 2010/13/14/16/17/20 Series Bond	3,524,457	1,941,012	1,583,445
Interest Income - Other Funds	823,368	68,750	754,618
Interest Income - SDC	44,341	2,619	41,722
Interest Expense - 2010/13/14/16/17/20 Series Bond	(7,070,516)	(7,070,516)	-
Interest Expense - Leases	-	-	-
Contributions from Local Government	-	-	-
Federal Expenditures	-	-	-
Loss on Asset Disposal	(4,211)	(169,497)	165,286
Legal settlements	-	-	-
Amortization of Discount, Premium and Issuance Costs	469,047	372,684	96,363
Defeasance due to bond refunding	(506,386)	(511,348)	4,962
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(40,850)	(21,687)	(19,162)
Total non-operating revenues (expenses)	(2,760,750)	(5,387,983)	2,627,233
Net Income (Loss) before capital contributions	5,262,075	434,287	4,827,788
Capital Contributions			
Grants from US Government	-	5,059,310	(5,059,310)
Grants from GovGuam & Others	-	26,811	(26,811)
Total Capital Contributions	-	5,086,121	(5,086,121)
Change in Net Assets	5,262,075	5,520,408	(258,333)
Debt Service Calculation			
Earnings From Operations	8,022,825	5,822,270	
System Development Charge	(738,970)	(306,000)	
Retiree COLA	175,375	182,426	
Interest/Investment Income	823,368	68,750	
Depreciation	7,216,323	7,204,269	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	237,500	
ARPA Grant	-	-	
Balance Available for Debt Service per Section 6.12	15,498,921	13,209,215	
Debt Service			
Principal	2,690,000	2,690,000	
Interest	7,070,516	7,070,516	
Total	9,760,516	9,760,516	
Debt Service Coverage (1.25X) - per Section 6.12 (Indenture)	1.59	1.35	
Debt Service Coverage (1.30X) (PUC)	1.59	1.35	

GUAM WATERWORKS AUTHORITY
Statement of Operations and Retained Earnings
Comparative for the period ending December 31, 2023 and 2022

SCHEDULE E

	Year to Date		Variance
	Actual (Unaudited)	Actual (Unaudited)	Increase /
	December-23	December-22	(Decrease)
OPERATING REVENUES			
Water Revenues	19,825,028	16,792,376	3,032,653
Wastewater Revenues	10,718,068	8,860,091	1,857,977
Legislative Surcharge	1,007,388	766,154	241,234
Other Revenues	96,027	115,308	(19,281)
System Development Charge	738,970	504,114	234,856
Total Operating Revenues	32,385,481	27,038,043	5,347,439
OPERATING AND MAINTENANCE EXPENSES			
Water Purchases	1,415,307	1,460,723	(45,416)
Power Purchases	5,158,254	6,959,463	(1,801,209)
Total Utility Costs	6,573,561	8,420,186	(1,846,625)
Salaries and Wages	4,852,002	4,791,406	60,596
Pension and Benefits	1,991,738	1,877,941	113,797
Total Salaries and Benefits	6,843,740	6,669,347	174,393
Capitalized Labor and Benefits	(498,406)	(702,404)	203,997
Net Salaries and Benefits	6,345,334	5,966,944	378,390
Administrative and General Expenses			
Sludge removal	281,773	112,918	168,855
Chemicals	271,715	256,657	15,058
Materials & Supplies	351,834	288,173	63,660
Transportation	132,901	112,580	20,321
Communications	26,116	21,891	4,225
Claims	-	4,898	(4,898)
Insurance	446,513	449,698	(3,184)
Training & Travel	57,084	31,571	25,513
Advertising	3,113	6,267	(3,155)
Miscellaneous	375,609	280,928	94,681
Regulatory Expense	32,994	36,081	(3,087)
Bad Debts Provision	201,007	528,372	(327,365)
Total Administrative and General Expense	2,180,659	2,130,034	50,625
Depreciation Expense	7,216,323	7,238,759	(22,436)
Contractual Expense			
Audit & Computer Maintenance	477,941	447,127	30,815
Building rental	144,296	142,246	2,050
Equipment rental	70,950	123,807	(52,857)
Legal	91,609	143,769	(52,160)
Laboratory	71,478	77,217	(5,739)
Other	251,899	342,477	(90,577)
Total Contractual Expense	1,108,174	1,276,642	(168,469)
Retiree Supp. Annuities and health care costs	763,230	698,155	65,076
Contribution to Government of Guam	175,375	168,300	7,075
Total Retiree Benefits	938,605	866,455	72,151
Total Operating Expenses	24,362,657	25,899,020	(1,536,363)
Earnings (Loss) from Operations	8,022,825	1,139,023	6,883,802
Interest Income - 2010/13/14/16/17/20 Series Bond	3,524,457	1,733,104	1,791,353
Interest Income - Other Funds	823,368	226,508	596,860
Interest Income - SDC	44,341	(5,632)	49,973
Interest Expense - 2010/13/14/16/17/20 Series Bond	(7,070,516)	(7,200,419)	129,903
Interest Expense - Leases	-	-	-
Contributions from Local Government	-	3,150,000	(3,150,000)
Federal Expenditures	-	(25,000)	25,000
Loss on Asset Disposal	(4,211)	(198,595)	194,385
Legal settlements	-	-	-
Amortization of Discount, Premium and Issuance Costs	469,047	372,684	96,363
Defeasance due to bond refunding	(506,386)	(511,348)	4,962
Deferred outflows from pension	-	-	-
Prior Year Adjustment	(40,850)	(38,337)	(2,513)
Total non-operating revenues (expenses)	(2,760,750)	(2,497,036)	(263,714)
Net Income (Loss) before capital contributions	5,262,075	(1,358,013)	6,620,088
Capital Contributions			
Grants from US Government	-	6,662,852	(6,662,852)
Grants from GovGuam & Others	-	35,749	(35,749)
Total Capital Contributions	-	6,698,600	(6,698,600)
Change in Net Assets	5,262,075	5,340,588	(78,513)
Debt Service Calculation			
Earnings From Operations	8,022,825	1,139,023	
System Development Charge	(738,970)	(504,114)	
Retiree COLA	175,375	168,300	
Interest/Investment Income	823,368	226,508	
Depreciation	7,216,323	7,238,759	
Plus withdrawals (deposits) to Rate Stabilization Fund	-	1,300,000	
ARPA Grant	-	3,150,000	
Balance Available for Debt Service per Section 6.12	15,498,921	12,718,476	
Debt Service			
Principal	2,690,000	2,558,750	
Interest	7,070,516	7,200,419	
Total	9,760,516	9,759,169	
Debt Service Coverage (1.25X) - per Section 6.12	1.59	1.30	
Debt Service Coverage (1.30X) (PUC)	1.59	1.30	

SCHEDULE F
Guam Waterworks Authority
Statement of Cash Flows (Unaudited)
FY2024
YTD
Dec-23
Cash flows from operating activities:

Cash received from trade and others	26,683,254
Cash payments to suppliers/contractors for goods and services	(10,343,363)
Cash payments to employees for services	(7,252,179)

Net cash provided by operating activities

9,087,712

Contributed capital received (grants)

1,189,122

Acquisition of utility plant

(5,473,818)

Repayment of Long Term Debt

37,339

Interest expense

(78,189)

Net cash provided by (used in) capital and related financing activities

(4,325,546)

Cash flows from investing activities:

Transfers from (to) restricted fund (10,998,700)

Interest income received 4,392,166

Net cash provided by investing activities

(6,606,534)

Net increase (decrease) in cash

(1,844,368)

Unrestricted cash at beginning of the period

50,324,888

Unrestricted cash at end of period

48,480,519

 Reconciliation of operating loss to net cash provided by
 operating activities:
Operating Income (loss)

8,022,825

Adjustments to reconcile to net cash provided by operating activities:

Depreciation expense

7,216,323

Bad debts (recovery)

201,007

Capitalized labor and benefits

(498,406)

(Increase) decrease in assets:

Accounts receivable

(5,724,832)

Materials and supplies inventory

72,597

Prepaid expenses

(1,078,710)

Increase (decrease) in liabilities:

Accounts payable

(138,842)

Accrued payroll and employee benefits

530,166

Customer deposits

22,605

Other liabilities

462,979

Net cash provided by operating activities

9,087,712

GUAM WATERWORKS AUTHORITY
Restricted and Unrestricted Cash Summary
FY2024

SCHEDULE G

Description	Unaudited December 31, 2023	Unaudited September 30, 2023	Increase (Decrease)
UNRESTRICTED			
Change Fund	2,000	2,000	-
Petty Cash	3,930	3,930	-
BOG Deposit Accounts	24,310,932	26,112,801	(1,801,869)
BOG O & M Reserve	14,657,890	14,477,230	180,660
BOG CapEx Fund	8,555,767	8,778,927	(223,159)
BOG Rate Stabilization Fund	950,000	950,000	-
Sub-total Unrestricted	48,480,519	50,324,888	(1,844,368)
RESTRICTED			
Bank Pacific	11,722	6,345	5,376
Bank of Hawaii	174,932	167,390	7,542
Community First FCU	2,529	2,538	(10)
First Hawaiian Bank	144,944	82,921	62,023
Bank Pacific Surcharge	945,799	6,863	938,936
Bank Pacific Escrow Deposit	958,727	958,711	16
BOG Customer Refunds	2,186,607	2,157,517	29,091
BOG Sewer Hookup Revolving Fund	2,133,304	2,079,769	53,534
BOG Operation and Maintenance Fund	3,083,482	3,083,482	-
BOG Revenue Trust	1,455,951	(137,922)	1,593,874
BOG Revenue Trust Fund	6,346,387	10,471,820	(4,125,433)
BOG Capital Improvement Revenue Fund	11,861,696	8,452,503	3,409,193
	29,306,079	27,331,937	1,974,142
BOG - SDC Deposit	3,116,231	1,125,796	1,990,435
BOG - SDC CDs	3,000,000	4,250,000	(1,250,000)
Total SDC	6,116,231	5,375,796	740,435
Total Restricted	35,422,310	32,707,733	2,714,577
Reserve Funds			
BOG Series 2013 Construction Fund	3,502,609	3,459,448	43,162
BOG Series 2016 Construction Fund	25,061,680	27,091,177	(2,029,497)
BOG Series 2017 Refunding Construction Fund	3,657,093	3,648,718	8,375
BOG Series 2020A Construction Fund	111,466,377	111,457,380	8,996
BOG ClF-Construction Fund Transfers	4,768,841	4,710,065	58,776
Total Restricted - Held by Trustee	148,456,601	150,366,788	(1,910,187)
BOG OMRRRF Fund	17,423,213	17,423,213	-
USB Series 2013 Debt Service Fund	2,570,214	1,494,615	1,075,598
USB Series 2013 Debt Service Reserve Fund	12,031,688	12,031,688	-
USB Series 2014 Refunding Debt Service Reserve Fund	12,257,719	10,100,975	2,156,744
USB Series 2016 Debt Service Fund	3,975,680	2,061,782	1,913,898
USB Series 2016 Debt Service Reserve Fund	7,591,999	7,591,999	-
USB Series 2017 Refunding Debt Service Reserve Fund	7,566,460	7,566,460	-
USB Series 2017 Debt Service Fund	3,886,048	2,015,191	1,870,857
USB Series 2020A Debt Service Fund	3,444,251	1,753,543	1,690,708
USB Series 2020A Debt Service Reserve Fund	6,659,700	6,659,700	-
USB Series 2020B Debt Service Reserve Fund	3,027,002	1,540,498	1,486,504
Total Investments	80,433,975	70,239,665	10,194,310
Total Restricted and Unrestricted Cash	312,793,405	303,639,073	9,154,332

Guam Waterworks Authority
Accounts Receivable - Government (Active)
December 31, 2023

SCHEDULE H

A G I N G							
Customer Name	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total
Autonomous Agencies (Active)							
Guam Int'l Airport Authority	8	20,691	117	115	157	262,242	283,322
Guam Power Authority	25	30,953	36,738	-	-	-	67,691
Guam Housing & Urban Renewal Authority	10	6,091	4,823	-	-	-	10,914
Port Authority of Guam	5	9,142	-	-	-	-	9,142
Guam Solid Waste Authority	4	581	68	64	29	-	741
Guam Housing Corporation	1	42	-	-	-	-	42
Total Autonomous Agencies	53	67,500	41,746	179	186	262,242	371,852
Semi-Autonomous Agencies (Active)							
University of Guam	48	149,766	-	-	-	-	149,766
Guam Memorial Hospital Authority	3	44,355	50,317	32	27	13,797	108,528
Guam Community College	3	8,588	-	-	-	-	8,588
Guam Environmental Protection Agency	2	1	-	-	-	-	1
Total Semi-Autonomous Agencies	56	202,709	50,317	32	27	13,797	266,882
Line Agencies (Active)							
Department of Education	52	490,685	506,863	415,631	48,244	1,913,620	3,375,042
Department of Corrections	9	123,702	114,756	105,525	-	-	343,983
Department of Parks & Recreation	13	52,246	66,058	67,053	20,106	-	205,463
Department of Public Works	10	20,423	20,438	5,237	63	4,495	50,656
Guam Fire Department	11	7,317	8,480	7,040	-	-	22,837
Department of Military Affairs/GUARNG	1	3,035	18,554	-	-	-	21,589
Department of Agriculture	7	4,876	4,929	6,462	1,455	-	17,722
Department of Public Health & Social Services	9	5,530	5,413	3,801	1,411	1,419	17,574
Guam Police Department	9	4,852	1,515	-	-	-	6,367
Department of Chamorro Affairs	7	4,085	-	-	-	-	4,085
Department of Administration	3	1,077	1,178	778	226	225	3,484
Guam Public Library	6	808	1,221	774	78	-	2,881
Department of Mental Health And Substance	4	2,031	-	-	-	-	2,031
Department of Youth Affairs	3	2,006	-	-	-	-	2,006
Guam Veterans Affairs Office	2	802	1,027	43	-	-	1,873
Department of Customs & Quarantine	1	528	528	528	-	-	1,584
Guam Homeland Security/Civil Defense	1	771	650	-	-	-	1,421
Office of Technology	1	350	214	-	-	-	564
Guam Visitors Bureau	2	527	-	-	-	-	527
Guam Energy Office	1	191	199	-	-	-	390
Total Line Agencies	152	725,842	752,023	612,871	71,584	1,919,760	4,082,079
Other Government of Guam Entities (Active)							
Mayors Council of Guam	63	19,181	22,405	22,382	21,077	21,552	106,598
The Office of the Dededo Mayor	1	375	585	847	405	276	2,488
Superior Court of Guam	2	745	781	259	-	-	1,785
Judiciary of Guam	4	217	243	35	-	-	496
Merizo Mayor	1	77	198	-	-	-	275
Total Other Government of Guam Entities	71	20,595	24,212	23,524	21,483	21,829	111,641
Total as of December 31, 2023 (Active)	332	1,016,645	868,297	636,606	93,279	2,217,627	4,832,454

GWA Work Session - January 16, 2024 - GWA GM REPORT

GUAM WATERWORKS AUTHORITY
Accounts Receivable Aging Summary by Rate Class
As of December 31, 2023

SCHEDULE I

ACTIVE AND INACTIVE

Rate Class	A G I N G								
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	441	\$ 1,899,938	\$ 907,493	\$ 637,884	\$ 93,592	\$ 2,429,068	\$ 5,967,974	24%	
Agriculture	416	35,160	8,056	2,481	1,901	27,413	75,011	0%	
Commercial I	2,686	1,626,934	228,611	175,314	55,439	464,946	2,551,245	10%	
Commercial II	38	202,720	21,370	6,884	2,492	80,943	314,409	1%	
Commercial III	289	680,037	83,086	46,609	65,394	308,699	1,183,825	5%	
Golf Course	16	15,128	655	1,331	13,425	5,160	35,699	0%	
Hotel	55	2,082,068	162,913	38,998	42,372	686,549	3,012,900	12%	
Irrigation	32	3,280	521	583	-	1,295	5,679	0%	
Residential	47,400	4,260,187	962,702	532,297	320,031	5,462,712	11,537,929	47%	
	51,373	10,805,451	2,375,408	1,442,382	594,646	9,466,784	24,684,671	100%	
		44%	10%	6%	2%	38%			
Less Allowance for Doubtful Accounts:								(9,582,684)	
Net Accounts Receivable:								15,101,987	
Days Receivables Outstanding									39

As of November 30, 2023

Rate Class	A G I N G								
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	441	\$ 1,701,146	\$ 685,214	\$ 104,811	\$ 33,219	\$ 2,399,713	\$ 4,924,104	21%	
Agriculture	412	37,557	4,201	2,364	1,955	27,242	73,319	0%	
Commercial I	2,693	1,804,115	164,559	78,281	50,599	479,337	2,576,891	11%	
Commercial II	38	205,018	7,679	6,019	581	80,784	300,082	1%	
Commercial III	285	720,784	46,463	68,862	39,989	304,602	1,180,700	5%	
Golf Course	16	15,012	1,623	14,191	1,299	4,449	36,574	0%	
Hotel	55	2,167,239	28,492	73,003	80,272	668,538	3,017,544	13%	
Irrigation	32	4,037	706	-	-	1,295	6,038	0%	
Residential	47,294	4,547,692	881,846	472,546	359,167	5,320,512	11,581,762	49%	
	51,266	11,202,600	1,820,782	820,078	567,082	9,286,473	23,697,014	100%	
		47%	8%	3%	2%	39%			
Less Allowance for Doubtful Accounts:								(9,582,684)	
Net Accounts Receivable:								14,114,330	
Days Receivables Outstanding									37

ACTIVE ONLY

Rate Class	A G I N G								
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	440	\$ 1,899,938	\$ 907,493	\$ 637,884	\$ 93,592	\$ 2,427,178	\$ 5,966,084	30%	
Agriculture	396	35,160	7,983	2,125	1,771	3,953	50,991	0%	
Commercial I	2,555	1,625,138	225,104	170,555	31,100	241,831	2,293,729	12%	
Commercial II	38	202,720	21,370	6,884	2,492	80,943	314,409	2%	
Commercial III	277	680,037	83,086	46,609	65,191	271,336	1,146,260	6%	
Golf Course	16	15,128	655	1,331	13,425	5,160	35,699	0%	
Hotel	53	2,082,068	162,913	38,998	42,372	46,027	2,372,377	12%	
Irrigation	31	3,280	521	583	-	-	4,384	0%	
Residential	40,220	4,222,557	921,425	479,544	259,569	1,710,469	7,593,563	38%	
	44,026	10,766,025	2,330,550	1,384,514	509,512	4,786,896	19,777,497	100%	
		54%	12%	7%	3%	24%			
Less Allowance for Doubtful Accounts:								(9,582,684)	
Net Accounts Receivable:								10,194,813	

Rate Class	A G I N G								
	No. of Accounts	Current	31 - 60 days	61 - 90 days	91 - 120 days	Over 120 days	Total		
Government	440	\$ 1,701,146	\$ 685,214	\$ 104,811	\$ 31,329	\$ 2,399,713	\$ 4,922,214	26%	
Agriculture	391	37,305	3,962	2,205	1,536	4,123	49,132	0%	
Commercial I	2,565	1,803,814	163,162	54,149	48,962	251,240	2,321,327	12%	
Commercial II	38	205,018	7,679	6,019	581	80,784	300,082	2%	
Commercial III	273	720,784	46,463	68,660	38,501	268,577	1,142,985	6%	
Golf Course	16	15,012	1,623	14,191	1,299	4,449	36,574	0%	
Hotel	53	2,167,239	28,492	73,003	66,933	41,356	2,377,022	13%	
Irrigation	31	4,037	706	-	-	-	4,743	0%	
Residential	40,248	4,496,349	841,238	407,579	285,475	1,718,618	7,749,258	41%	
	44,055	11,150,705	1,778,538	730,617	474,616	4,768,860	18,903,337	100%	
		59%	9%	4%	3%	25%			
Less Allowance for Doubtful Accounts:								(9,582,684)	
Net Accounts Receivable:								9,320,653	

GUAM WATERWORKS AUTHORITY
Accounts Payable Aging

SCHEDULE J

As of	AGING						
	Current	31 - 60 Days	61 - 90 Days	91 - 120 Days	> 120 Days	Total	Days Payable Outstanding
December 31, 2023	\$ 2,681,118 64%	\$ 334,474 8%	\$ 336,958 8%	\$ 374,018 9%	\$ 491,783 12%	\$ 4,218,351 100%	40
November 30, 2023	\$ 3,319,708 77%	\$ 475,285 11%	\$ 219,440 5%	\$ 20,148 0%	\$ 280,449 6%	\$ 4,315,030 100%	40
October 31, 2023	\$ 4,705,538 78%	\$ 638,852 11%	\$ 310,547 5%	\$ 24,376 0%	\$ 358,150 6%	\$ 6,037,463 100%	44

GUAM WATERWORKS AUTHORITY
WATER DEMAND BY RATE CLASS
FY2015 - FY2024

SCHEDULE K

CLASS	AUDITED								UNAUDITED	Annualized Based on 3 months	% Inc / (Dec.)
	FY2015 TOTAL CONSUMPTION (kGal)	FY2016 TOTAL CONSUMPTION (kGal)	FY2017 TOTAL CONSUMPTION (kGal)	FY2018 TOTAL CONSUMPTION (kGal)	FY2019 TOTAL CONSUMPTION (kGal)	FY2020 TOTAL CONSUMPTION (kGal)	FY2021 TOTAL CONSUMPTION (kGal)	FY2022 CONSUMPTION (kGal)*	FY2023 TOTAL CONSUMPTION (kGal)	FY2024 TOTAL CONSUMPTION (kGal)	
R Residential	3,415,662	3,429,689	3,206,811	3,313,613	3,359,905	3,712,723	3,622,617	3,450,574	3,185,230	3,074,827	11%
C Commercial	1,020,089	1,022,890	964,639	910,905	906,192	822,029	786,054	818,460	816,393	865,653	-9%
F Federal	1,168	1,180	2,508	1,813	1,602	1,338	2,069	1,389	1,099	1,429	-16%
G Government	515,974	475,366	448,430	450,165	405,980	408,502	404,026	470,581	445,116	474,395	1%
H Hotel	999,116	1,008,087	1,004,525	989,723	1,079,919	714,161	448,034	462,757	554,767	579,491	-34%
G Golf	6,850	6,770	5,252	2,741	2,793	5,835	2,855	3,796	6,415	985	109%
A Agriculture	67,376	78,628	69,482	81,127	90,803	84,492	68,805	65,719	49,748	52,892	-7%
I Irrigation	<u>10,385</u>	<u>11,351</u>	<u>10,143</u>	<u>8,504</u>	<u>7,896</u>	<u>8,654</u>	<u>5,404</u>	<u>4,888</u>	<u>3,242</u>	<u>3,244</u>	10%
GRAND TOTAL	<u>6,036,620</u>	<u>6,033,960</u>	<u>5,711,790</u>	<u>5,758,590</u>	<u>5,855,091</u>	<u>5,757,733</u>	<u>5,339,864</u>	<u>5,278,164</u>	<u>5,062,012</u>	<u>5,052,916</u>	-2%

Guam Waterworks Authority
System Development Charges Project Status
As of December 31, 2023

SCHEDULE L

Funding Summary

Total available project funds	\$ 17,564,025
Total project expenditures and encumbrances	12,445,814
Total unobligated project funds	\$ 5,118,212

Projects Funded

Project Description	Expenditures	Outstanding Encumbrances	Expenditures and Encumbrances
Agat-Santa Rita Wastewater Treatment Plant Replacement	1,202,006	-	1,202,006
Baza Gardens Wastewater Cross Island Pumping & Conveyance	1,151,116	2,854	1,153,971
Central Guam Reservoirs	276,008	4,032	280,040
Line Replacement Phase IV	256,937	-	256,937
Northern District WWTP	7,552,513	-	7,552,513
Northern District WWTP (Land Purchase)	1,000,000	-	1,000,000
Route 4 Relief Sewerline Rehab & Replacement	519,227	-	519,227
South Paulino Heights Waterline Upgrade	84,056	4,714	88,770
Talofofo Sewer Improvement	-	241,142	241,142
Groundwater Well Production Meter Rep.	143,647	7,560	151,207
	\$ 12,185,510	\$ 260,303	\$ 12,445,814

Future planned projects

FY 2024-2025

Water Distribution System Pipe Replacement & Upgrades	500,000
Capacity Enhancement - Well Development and Construction Program	394,000
Well Repair Program	200,000
	\$ 1,094,000

Guam Waterworks Authority		Date: 11/30/2023	 GUAM WATERWORKS AUTHORITY WATER DISTRIBUTION FACILITIES REPORT
		Time:	
REVIEWS			
TOTAL PUMPS INSTALLED	67	OVERALL AVERAGE	92%
TOTAL PUMPS OPERATIONAL	62	% OF OPERATING PUMPS	93%
TOTAL BOOSTER PUMP STATIONS	29		

Northern District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	PUMP AND MOTOR INVENTORY
1	Yigo	20	3	2	67%	OP	A	Pending PO approval	1343226				
2	Gavinerio	20	2	1	50%	OP	A	Pump 1 removed due to defective impellers	1400158				
3	Mataguac	25	2	2	100%	OP	A						
4	Santa Rosa	15	2	2	100%	OP	A	Temporay BPS online. Main BPS under construction					
5	Barrigada 2M	40	2	2	100%	OP	A						
6	Barrigada Hieghts	30	6	6	100%	OP	A						
7	Chln. Palauan	5	2	2	100%	N/A							
8	Access	60	2	2	100%	OP	A						
9	Agana Hieghts	30	3	3	100%	OP	A						
10	Nimitz Hill	7.5	2	2	100%	N/A							
11	Adawag	1.5	2	2	100%	N/A							
12	Pale Kiren	1	1	1	100%	N/A							
13	Ulloa/Untalan	1	2	2	100%	OP	A						
14	Latte Heights	15	2	2	100%	OP	A						
TOTAL = 14			33	31	94%								
pump availability = no of operational pumps/no of pumps*100%													

Central District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	UPDATES
1	Pago	150 / 100	3	3	100%	OP	A						
2	Brigade	60	3	3	100%	OP	A						
3	Windward Hills	200 / 75	3	2	67%	OP	A	Inspection pending on pump 3 due to not discharge pressure not building. Pending availability of crane.	1392067				
4	Santa Rita Spring	40	2	2	100%	OP	A						
5	Santa Ana (Lower)	25	2	1	50%	N/A		Pump # 2 damaged impeller. Pending quotation.	1392069				
6	Camacho	1	1	1	100%	N/A							
7	Tenorio	1.5	1	1	100%	N/A							
Total=7			15	13	87%								
pump availability = no of operational pumps/no of pumps*100%													

Southern District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	UPDATES
1	Malojloj Line	125 / 50	3	2	67%	OP	A	Pump # 3 VFD not working					
2	Geus	7.5	3	3	100%	OP	A						
3	Pigua	7.5	2	2	100%	N/A							
4	Toquan	10	2	2	100%	OP	A						
5	WBP-2	25	2	2	100%	OP	A						
6	WBP-1	5	2	2	100%	OP	A						
7	Malojloj Elevated	15	3	3	100%	OP	A						
8	Ija	7.5	2	2	100%	N/A	N/A						
Total=8			19	18	95%								
pump availability = no of operational pumps/no of pumps*100%													

Guam Waterworks Authority		Date: 12/28/2023	 GUAM WATERWORKS AUTHORITY WATER DISTRIBUTION FACILITIES REPORT
		Time:	
REVIEWS			
TOTAL PUMPS INSTALLED	67	OVERALL AVERAGE	93%
TOTAL PUMPS OPERATIONAL	63	% OF OPERATING PUMPS	94%
TOTAL BOOSTER PUMP STATIONS	29		

Northern District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	PUMP AND MOTOR INVENTORY
1	Yigo	20	3	2	67%	OP	A	Pending PO approval	1343226				
2	Gavinerio	20	2	2	100%	OP	A						
3	Mataguac	25	2	2	100%	OP	A						
4	Santa Rosa	15	2	2	100%	OP	A	Temporay BPS online. Main BPS under construction					
5	Barrigada 2M	40	2	2	100%	OP	A						
6	Barrigada Hieghts	30	6	6	100%	OP	A						
7	Chln. Palauan	5	2	2	100%	N/A							
8	Access	60	2	2	100%	OP	A						
9	Agana Hieghts	30	3	3	100%	OP	A						
10	Nimitz Hill	7.5	2	2	100%	N/A							
11	Adawag	1.5	2	2	100%	N/A							
12	Pale Kiren	1	1	1	100%	N/A							
13	Ulloa/Untalan	1	2	2	100%	OP	A						
14	Latte Heights	15	2	2	100%	OP	A						
TOTAL = 14			33	32	97%								
pump availability = no of operational pumps/no of pumps*100%													

Central District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	UPDATES
1	Pago	150 / 100	3	3	100%	OP	A						
2	Brigade	60	3	3	100%	OP	A						
3	Windward Hills	200 / 75	3	2	67%	OP	A	Inspection pending on pump 3 due to not discharge pressure not building. Pending availability of crane.	1392067				
4	Santa Rita Spring	40	2	2	100%	OP	A						
5	Santa Ana (Lower)	25	2	1	50%	N/A		Pump # 2 damaged impeller. Pending quotation.	1392069				
6	Camacho	1	1	1	100%	N/A							
7	Tenorio	1.5	1	1	100%	N/A							
Total=7			15	13	87%								
pump availability = no of operational pumps/no of pumps*100%													

Southern District													
NO.	FACILITY	PUMP HORSEPOWER	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO.	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO.	ESTIMATED REPAIR DATE	UPDATES
1	Malojloj Line	125 / 50	3	2	67%	OP	A	Pump # 3 VFD not working					
2	Geus	7.5	3	3	100%	OP	A						
3	Pigua	7.5	2	2	100%	N/A							
4	Toquan	10	2	2	100%	OP	A						
5	WBP-2	25	2	2	100%	OP	A						
6	WBP-1	5	2	2	100%	OP	A						
7	Malojloj Elevated	15	3	3	100%	OP	A						
8	Ija	7.5	2	2	100%	N/A	N/A						
Total=8			19	18	95%								
pump availability = no of operational pumps/no of pumps*100%													



Guam Waterworks Authority
VEHICLE FLEET STATUS
12/4/2023

EQUIPMENT STATUS					SUMMARY						
Description	Number of Equipment	Number of Equipment Available	Number of Equipment Not Available	Percentage	Operational	Operational w/Rprs Pending	Not in Operation-Accident (Docs Pending)	Not in Operation-Assessment Pending	Not in Operation-Repairs Pending	Not in Operation-Vendor Repairs	Recommend Survey
Backhoe (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Dump Truck (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Trailer (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Backhoe	2	2	0	100%	2	0	0	0	0	0	0
Boom Truck	1	0	1	0%	0	0	0	0	0	0	1
Crane	1	1	0	100%	1	0	0	0	0	0	0
Dump Truck	1	0	1	0%	0	0	0	0	1	0	0
Forklift	6	6	0	100%	6	0	0	0	0	0	0
Fuel Tanker	1	0	1	0%	0	0	0	0	0	0	1
Heavy Duty	13	10	3	77%	9	1	0	0	0	2	1
Hoist Rig	1	1	0	100%	1	0	0	0	0	0	0
Jetter	1	0	1	0%	0	0	0	0	0	1	0
Light	145	105	40	72%	98	7	3	11	9	6	11
Mini Backhoe	2	0	2	0%	0	0	0	0	2	0	0
Pumper Truck	1	0	1	0%	0	0	0	0	0	1	0
Skidster	1	1	0	100%	1	0	0	0	0	0	0
Sludge Truck	3	2	1	67%	2	0	0	0	1	0	0
Tractor	2	1	1	50%	1	0	0	0	1	0	0
Tractor Mower	1	1	0	100%	1	0	0	0	0	0	0
Trailer	17	10	7	59%	10	0	1	2	3	1	0
Trencher	1	0	1	0%	0	0	0	0	1	0	0
Vacuum Truck	6	3	3	50%	2	1	0	2	0	1	0
Water Buffalo	2	0	2	0%	0	0	0	2	0	0	0
Water Tanker	5	2	3	40%	2	0	0	3	0	0	0
Compressor	1	1	0	100%	1	0	0	0	0	0	0
Total	223	155	68		146	9	4	20	18	12	14

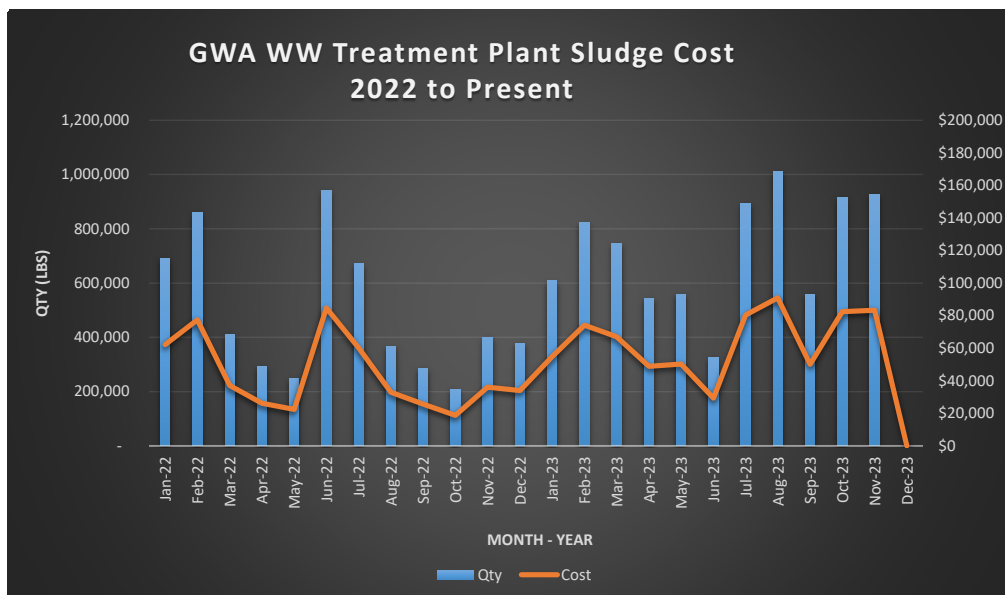
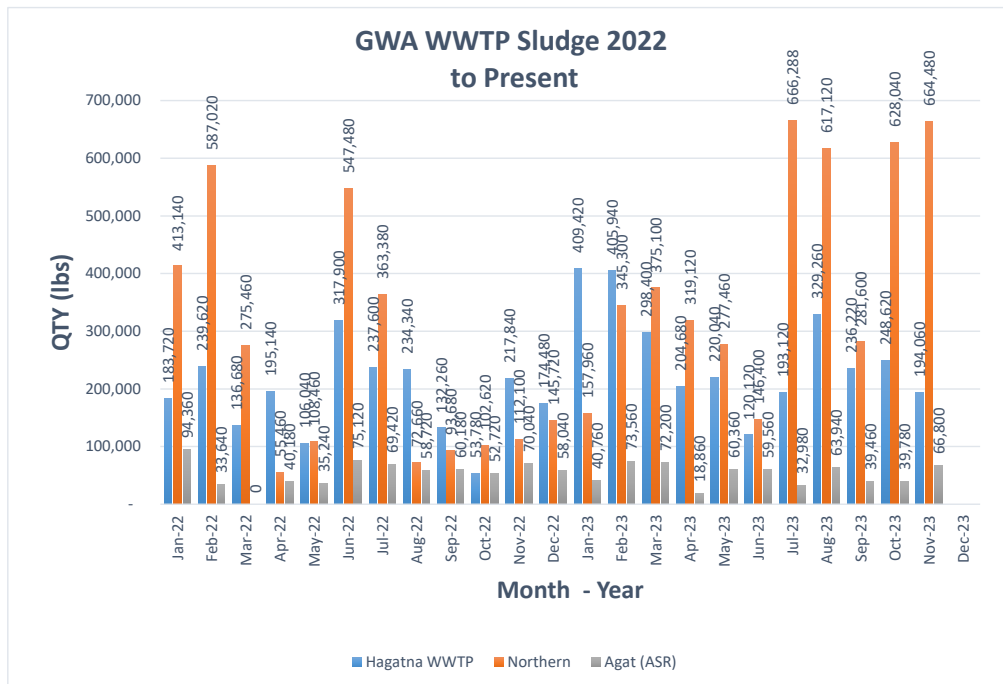


Guam Waterworks Authority
VEHICLE FLEET STATUS
1/4/2024

EQUIPMENT STATUS					SUMMARY						
Description	Number of Equipment	Number of Equipment Available	Number of Equipment Not Available	Percentage	Operational	Operational w/Rprs Pending	Not in Operation-Accident (Docs Pending)	Not in Operation-Assessment Pending	Not in Operation-Repairs Pending	Not in Operation-Vendor Repairs	Recommend Survey
Backhoe (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Dump Truck (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Trailer (Leased)	3	3	0	100%	3	0	0	0	0	0	0
Backhoe	2	2	0	100%	2	0	0	0	0	0	0
Boom Truck	1	0	1	0%	0	0	0	0	0	0	1
Crane	1	1	0	100%	1	0	0	0	0	0	0
Dump Truck	1	0	1	0%	0	0	0	0	1	0	0
Forklift	6	6	0	100%	6	0	0	0	0	0	0
Fuel Tanker	1	0	1	0%	0	0	0	0	0	0	1
Heavy Duty	13	10	3	77%	9	1	0	0	0	2	1
Hoist Rig	1	1	0	100%	1	0	0	0	0	0	0
Jetter	1	0	1	0%	0	0	0	0	0	1	0
Light	145	105	40	72%	98	7	3	11	9	6	11
Mini Backhoe	2	0	2	0%	0	0	0	0	2	0	0
Pumper Truck	1	0	1	0%	0	0	0	0	0	1	0
Skidster	1	1	0	100%	1	0	0	0	0	0	0
Sludge Truck	3	2	1	67%	2	0	0	0	1	0	0
Tractor	2	1	1	50%	1	0	0	0	1	0	0
Tractor Mower	1	1	0	100%	1	0	0	0	0	0	0
Trailer	17	10	7	59%	10	0	1	2	3	1	0
Trencher	1	0	1	0%	0	0	0	0	1	0	0
Vacuum Truck	6	3	3	50%	2	1	0	2	0	1	0
Water Buffalo	2	0	2	0%	0	0	0	2	0	0	0
Water Tanker	5	2	3	40%	2	0	0	3	0	0	0
Compressor	1	1	0	100%	1	0	0	0	0	0	0
Total	223	155	68		146	9	4	20	18	12	14

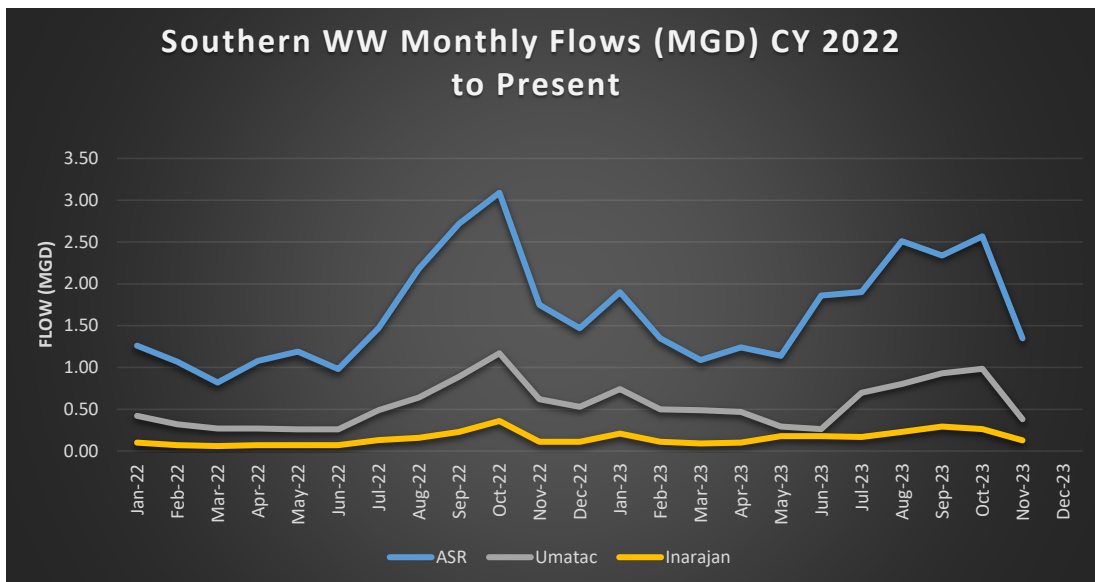
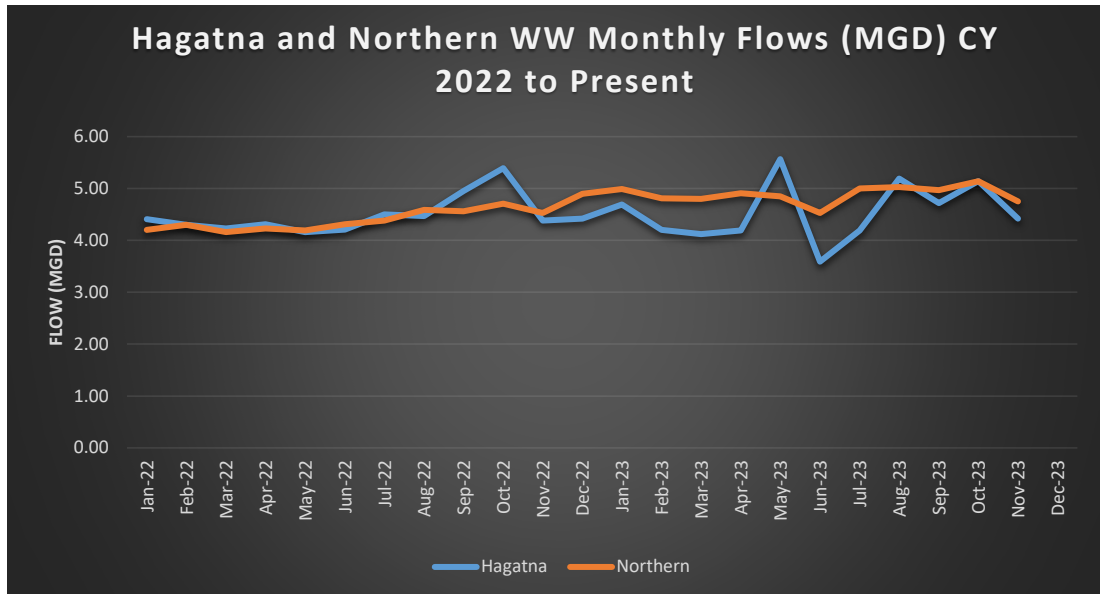
	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2022	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-22	183,720	\$16,535	413,140	\$37,183	94,360	\$8,492	691,220	\$62,210
Feb-22	239,620	\$21,566	587,020	\$52,832	33,640	\$3,028	860,280	\$77,425
Mar-22	136,680	\$12,301	275,460	\$24,791	0	\$0	412,140	\$37,093
Apr-22	195,140	\$17,563	55,460	\$4,991	40,180	\$3,616	290,780	\$26,170
May-22	106,040	\$9,544	108,460	\$9,761	35,240	\$3,172	249,740	\$22,477
Jun-22	317,900	\$28,611	547,480	\$49,273	75,120	\$6,761	940,500	\$84,645
Jul-22	237,600	\$21,384	363,380	\$32,704	69,420	\$6,248	670,400	\$60,336
Aug-22	234,340	\$21,091	72,660	\$6,539	58,720	\$5,285	365,720	\$32,915
Sep-22	132,260	\$11,903	93,680	\$8,431	60,180	\$5,416	286,120	\$25,751
Oct-22	53,780	\$4,840	102,620	\$9,236	52,720	\$4,745	209,120	\$18,821
Nov-22	217,840	\$19,606	112,100	\$10,089	70,040	\$6,304	399,980	\$35,998
Dec-22	174,480	\$15,703	145,720	\$13,115	58,040	\$5,224	378,240	\$34,042
Grand Total	2,229,400	\$200,646	2,877,180	\$258,946	647,660	\$58,290	5,754,240	\$517,882

	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2023	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-23	409,420	\$36,848	157,960	\$14,216	40,760	\$3,668	608,140	\$54,733
Feb-23	405,940	\$36,535	345,300	\$31,077	73,560	\$6,620	824,800	\$74,232
Mar-23	298,400	\$26,856	375,100	\$33,759	72,200	\$6,498	745,700	\$67,113
Apr-23	204,680	\$18,421	319,120	\$28,721	18,860	\$1,697	542,660	\$48,839
May-23	220,040	\$19,804	277,460	\$24,971	60,360	\$5,432	557,860	\$50,207
Jun-23	120,120	\$10,811	146,400	\$13,176	59,560	\$5,360	326,080	\$29,347
Jul-23	193,120	\$17,381	666,288	\$59,966	32,980	\$2,968	892,388	\$80,315
Aug-23	329,260	\$29,633	617,120	\$55,541	63,940	\$5,755	1,010,320	\$90,929
Sep-23	236,220	\$21,260	281,600	\$25,344	39,460	\$3,551	557,280	\$50,155
Oct-23	248,620	\$22,376	628,040	\$56,524	39,780	\$3,580	916,440	\$82,480
Nov-23	194,060	\$17,465	664,480	\$59,803	66,800	\$6,012	925,340	\$83,281
Dec-23		\$0		\$0		\$0	-	\$0
Grand Total	2,859,880	\$257,389	4,478,868	\$403,098	568,260	\$51,143	7,907,008	\$711,631



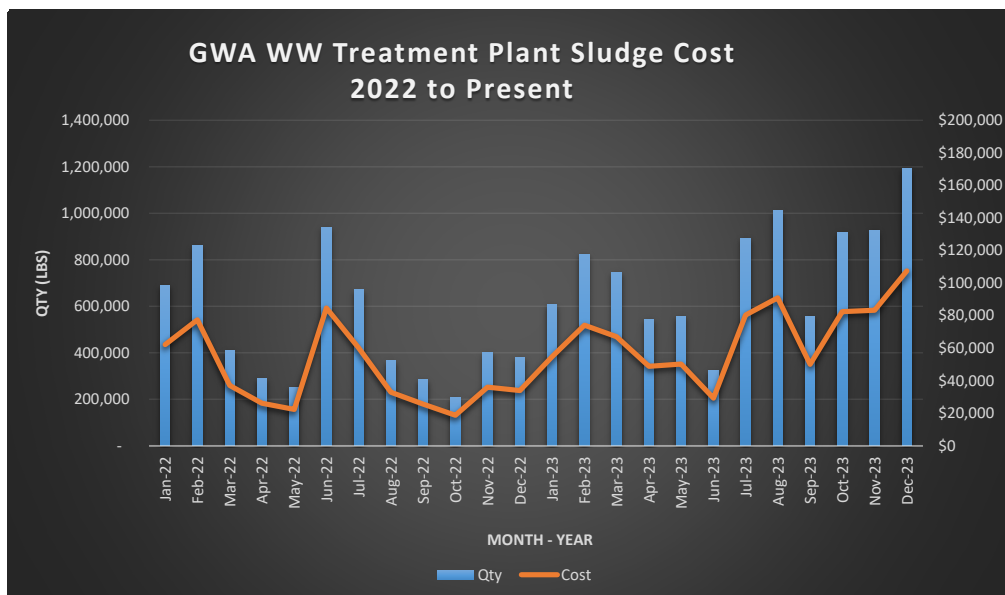
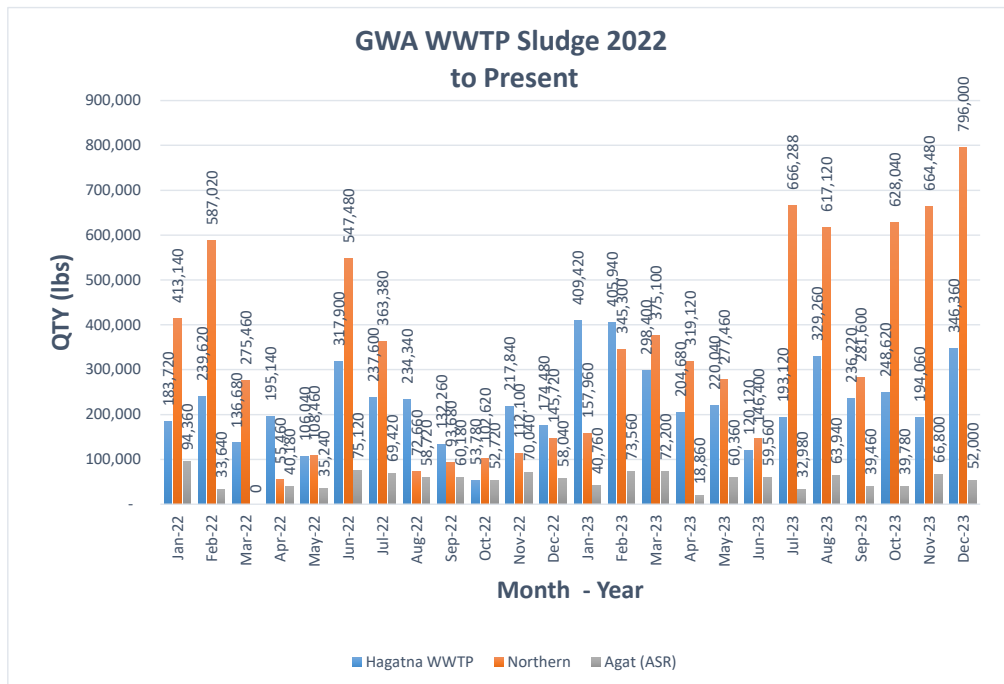
Wastewater Treatment Plant Average Monthly Flows Million Gallons Per Day

2022	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-22	4.41	4.20	1.26	0.42	0.10
Feb-22	4.30	4.30	1.07	0.32	0.07
Mar-22	4.23	4.16	0.82	0.27	0.06
Apr-22	4.31	4.23	1.08	0.27	0.07
May-22	4.16	4.19	1.19	0.26	0.07
Jun-22	4.21	4.31	0.98	0.26	0.07
Jul-22	4.50	4.38	1.47	0.49	0.13
Aug-22	4.47	4.59	2.18	0.64	0.16
Sep-22	4.95	4.56	2.72	0.89	0.23
Oct-22	5.39	4.71	3.09	1.17	0.36
Nov-22	4.38	4.53	1.75	0.62	0.11
Dec-22	4.42	4.90	1.47	0.53	0.11
2022 Average MGD	4.48	4.42	1.59	0.51	0.13
2022 Total MGY	1,635	1,614	582	187	47
2023	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-23	4.69	4.99	1.90	0.74	0.21
Feb-23	4.20	4.81	1.35	0.50	0.11
Mar-23	4.12	4.80	1.09	0.49	0.09
Apr-23	4.19	4.91	1.24	0.47	0.10
May-23	5.57	4.85	1.14	0.29	0.18
Jun-23	3.59	4.53	1.86	0.26	0.18
Jul-23	4.19	5.00	1.90	0.70	0.17
Aug-23	5.19	5.03	2.51	0.80	0.23
Sep-23	4.72	4.97	2.34	0.93	0.29
Oct-23	5.14	5.14	2.57	0.98	0.26
Nov-23	4.42	4.75	1.35	0.38	0.13
Dec-23					
2023 Average MGD	4.55	4.89	1.75	0.60	0.11
2023 Total MGY	1,521	1,634	586	199	59



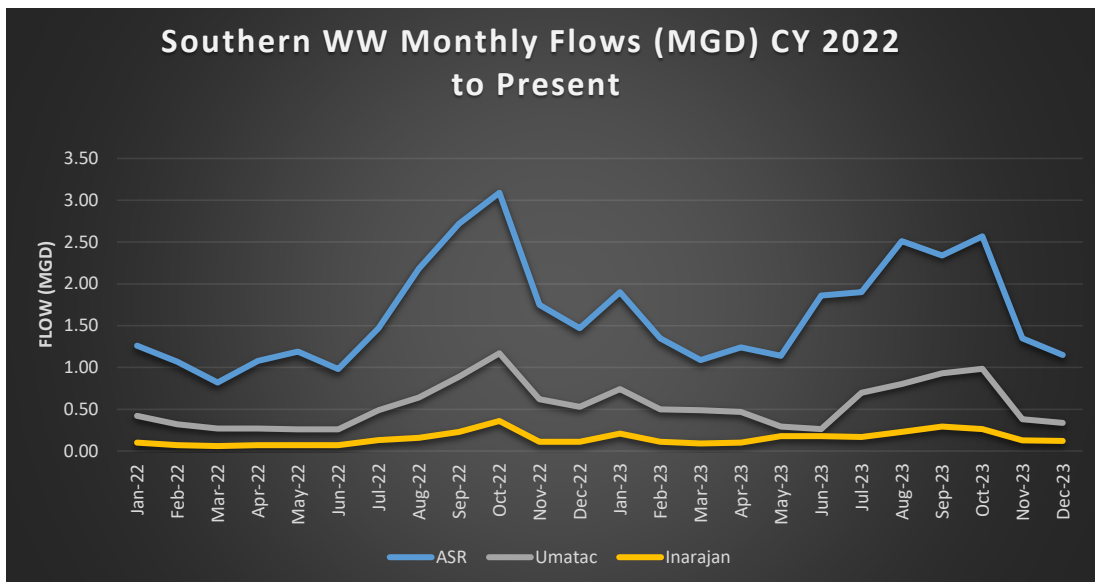
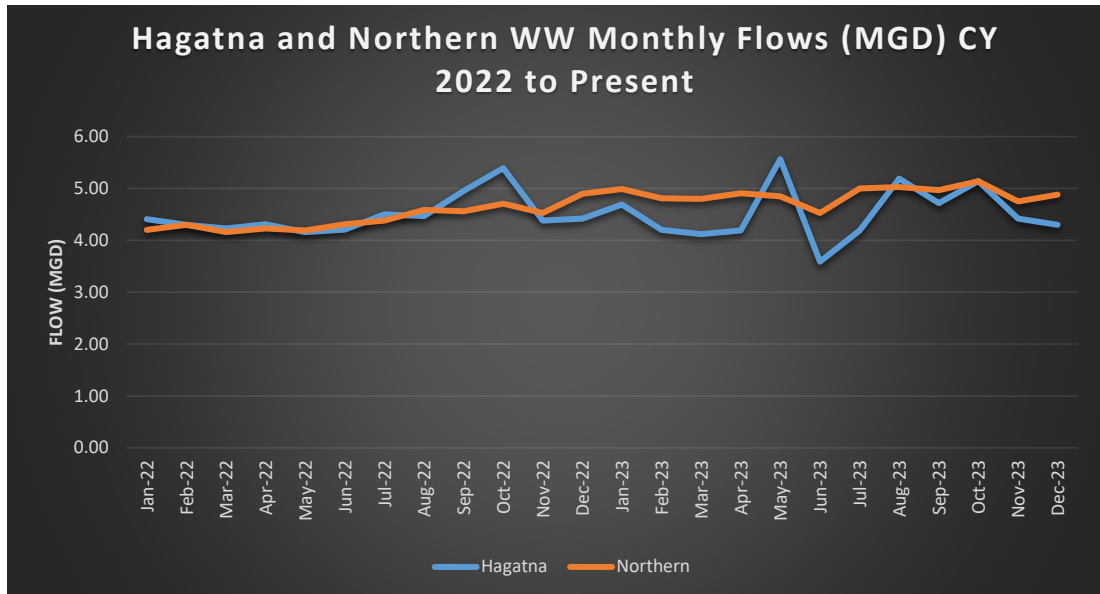
	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2022	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-22	183,720	\$16,535	413,140	\$37,183	94,360	\$8,492	691,220	\$62,210
Feb-22	239,620	\$21,566	587,020	\$52,832	33,640	\$3,028	860,280	\$77,425
Mar-22	136,680	\$12,301	275,460	\$24,791	0	\$0	412,140	\$37,093
Apr-22	195,140	\$17,563	55,460	\$4,991	40,180	\$3,616	290,780	\$26,170
May-22	106,040	\$9,544	108,460	\$9,761	35,240	\$3,172	249,740	\$22,477
Jun-22	317,900	\$28,611	547,480	\$49,273	75,120	\$6,761	940,500	\$84,645
Jul-22	237,600	\$21,384	363,380	\$32,704	69,420	\$6,248	670,400	\$60,336
Aug-22	234,340	\$21,091	72,660	\$6,539	58,720	\$5,285	365,720	\$32,915
Sep-22	132,260	\$11,903	93,680	\$8,431	60,180	\$5,416	286,120	\$25,751
Oct-22	53,780	\$4,840	102,620	\$9,236	52,720	\$4,745	209,120	\$18,821
Nov-22	217,840	\$19,606	112,100	\$10,089	70,040	\$6,304	399,980	\$35,998
Dec-22	174,480	\$15,703	145,720	\$13,115	58,040	\$5,224	378,240	\$34,042
Grand Total	2,229,400	\$200,646	2,877,180	\$258,946	647,660	\$58,290	5,754,240	\$517,882

	Hagatna WWTP		Northern		Agat (ASR)		Hagatna + Northern + Agat	
2023	Qty	Cost	Qty	Cost	Qty	Cost	Qty	Cost
Month- Yr	lbs	\$	lbs	\$	lbs	\$	lbs	\$
Jan-23	409,420	\$36,848	157,960	\$14,216	40,760	\$3,668	608,140	\$54,733
Feb-23	405,940	\$36,535	345,300	\$31,077	73,560	\$6,620	824,800	\$74,232
Mar-23	298,400	\$26,856	375,100	\$33,759	72,200	\$6,498	745,700	\$67,113
Apr-23	204,680	\$18,421	319,120	\$28,721	18,860	\$1,697	542,660	\$48,839
May-23	220,040	\$19,804	277,460	\$24,971	60,360	\$5,432	557,860	\$50,207
Jun-23	120,120	\$10,811	146,400	\$13,176	59,560	\$5,360	326,080	\$29,347
Jul-23	193,120	\$17,381	666,288	\$59,966	32,980	\$2,968	892,388	\$80,315
Aug-23	329,260	\$29,633	617,120	\$55,541	63,940	\$5,755	1,010,320	\$90,929
Sep-23	236,220	\$21,260	281,600	\$25,344	39,460	\$3,551	557,280	\$50,155
Oct-23	248,620	\$22,376	628,040	\$56,524	39,780	\$3,580	916,440	\$82,480
Nov-23	194,060	\$17,465	664,480	\$59,803	66,800	\$6,012	925,340	\$83,281
Dec-23	346,360	\$31,172	796,000	\$71,640	52,000	\$4,680	1,194,360	\$107,492
Grand Total	3,206,240	\$288,562	5,274,868	\$474,738	620,260	\$55,823	9,101,368	\$819,123




Wastewater Treatment Plant Average Monthly Flows Million Gallons Per Day

2022	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-22	4.41	4.20	1.26	0.42	0.10
Feb-22	4.30	4.30	1.07	0.32	0.07
Mar-22	4.23	4.16	0.82	0.27	0.06
Apr-22	4.31	4.23	1.08	0.27	0.07
May-22	4.16	4.19	1.19	0.26	0.07
Jun-22	4.21	4.31	0.98	0.26	0.07
Jul-22	4.50	4.38	1.47	0.49	0.13
Aug-22	4.47	4.59	2.18	0.64	0.16
Sep-22	4.95	4.56	2.72	0.89	0.23
Oct-22	5.39	4.71	3.09	1.17	0.36
Nov-22	4.38	4.53	1.75	0.62	0.11
Dec-22	4.42	4.90	1.47	0.53	0.11
2022 Average MGD	4.48	4.42	1.59	0.51	0.13
2022 Total MGY	1,635	1,614	582	187	47
2023	Hagatna	Northern	ASR	Umatac	Inarajan
Jan-23	4.69	4.99	1.90	0.74	0.21
Feb-23	4.20	4.81	1.35	0.50	0.11
Mar-23	4.12	4.80	1.09	0.49	0.09
Apr-23	4.19	4.91	1.24	0.47	0.10
May-23	5.57	4.85	1.14	0.29	0.18
Jun-23	3.59	4.53	1.86	0.26	0.18
Jul-23	4.19	5.00	1.90	0.70	0.17
Aug-23	5.19	5.03	2.51	0.80	0.23
Sep-23	4.72	4.97	2.34	0.93	0.29
Oct-23	5.14	5.14	2.57	0.98	0.26
Nov-23	4.42	4.75	1.35	0.38	0.13
Dec-23	4.30	4.88	1.15	0.34	0.12
2023 Average MGD	4.53	4.89	1.70	0.57	0.11
2023 Total MGY	1,654	1,785	622	210	63



GWA Work Session - January 16, 2024 - GWA GM REPORT

Guam Waterworks Authority				Date: 12/5/2023		 WASTEWATER FACILITIES REPORT							
REVIEWS													
TOTAL PUMPS INSTALLED		186		OVERALL AVERAGE		82%							
TOTAL PUMPS OPERATIONAL		153		% OF OPERATING PUMPS		82%							
TOTAL PUMP STATIONS		84											
Northern District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL, STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	SOUTHERN LINK	1	4	4	100%	GPA	A	Pump #4 is on standby and will be used for emergencies as per plan					
2	FUJITA	1	4	2	50%	GPA	A	Pump #2 was removed 11/3/22 due to seal failure. Using impeller from #2 on #4. 6/12/23, Pump #3 was connected to VFD #4 due to Pump #4 has a bearing issue, pump delivered to vendor 9/12 for repairs.	P#2 WO 1323701 P#4 WO 1376739	VFD #2 and #3 are inoperable and in need of replacement. (PTT are working on new replacement)			P#2 OR 54967 (pending PO) Impeller PO 502226 (ETA Jan 2024) P#4 PO 502730
3	YPAO	1	2	2	100%	GPA	A						
4	PASEO DE ORO	1	2	2	100%	GPA	A						
5	HARMON	2	2	2	100%	GPA	A						
6	ROUTE 16	1	4	2	50%	GPA	M	P#3 secured 9/15/22 due to damaged volute and defective check valve. #4 was secured, using VFD at Agana Main PS.	P#3 WO #1332734	VFD #3 needs to be relaxed. (PTT are working on new replacement)			
7	LATTE DOUBLE TROUBLE	1	2	2	100%	GPA	A	12-2-21, pump #1 was removed and brought to maintenance due to broken impeller and bearing issue. Pump was delivered to vendor for repairs.	WO #1249603				PO 501910 repairs have been on hold due to prioritizing other stations.
8	LATTE SUN RISE	2	2	1	50%	GPA	A	7/31/23, Pump #1 was removed due to seal failure.	WO #1384262				OR 54657 (pending PO)
9	LATTE SUBMARINE	2	2	2	100%	GPA	A						
10	LATTE PLANTATION	2	2	2	100%	GPA	A						
11	PGD	2	2	2	100%	GPA	A						
12	MACHECHE	2	2	2	100%	GPA	A						
13	HABA ADAI	2	2	1	50%	GPA	A	Pump #2 was removed due to motor was grounded.					pending OR
14	YPAO PAO	1	3	2	67%	GPA	N/A	7/5/23 Pump #1 shorted as per electricians.	WO #1376323				P#1 OR 54701 (pending PO)
15	PACIFIC LATTE	2	2	2	100%	GPA	A						
16	YIGO	1	3	2	67%	GPA	A	Pump #2 was removed on 4/28 due to motor was grounded as per electricians. Transferred pump #1 to line #2 due to issues with #1 soft starter, pending electricians.	WO #1360516				PO 502434 Pump delivered to vendor 7/11/23
17	ZERO DOWN	2	2	2	100%	GPA	A						
18	SANTA ANA	2	2	2	100%	GPA	A						
19	MACHANAONAO	1	2	2	100%	GPA	A						
20	FEMA 96	2	2	2	100%	GPA	A						
21	ASTUMBO 1	2	2	1	50%	GPA	A	7/7/23, electricians tested #2 and found motor was grounded. Delivered to vendor 9/12. 7/30/23, Electrician found pump #1 open windings.	P#1 WO #1383026 P#2 WO #1376890				P#1 OR 54658 (pending PO) P#2 PO 502733
22	ASTUMBO 2	2	2	1	50%	GPA	A	7/31/23, pump 1 was removed and installed at Astumbo #1 due to pump failure.					
Total	22		52	42	81%								


GWA Work Session - January 16, 2024 - GWA GM REPORT

Central District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/ AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	CABRAS ISLAND	1	2	2	100%	Portable	M						
2	COMMERCIAL PORT	1	3	3	100%	OP	A						
3	PITI	1	2	1	50%	GPA	A	Pump #2 was removed due to motor was grounded.					OR 54856 (pending PO)
4	ASAN	1	2	2	100%	GPA	A						
5	SINAJANA	2	2	2	100%	GPA	A						
6	NEW CHAOT	1	3	2	67%	OP	A	Pump #2 was removed and brought to maintenance 2/18/22 due to broken pump shaft. Maintenance team is in the process of repiping lines for a new installation.	WO #1266707				Working with Engineering for station upgrades
7	ORDOT	2	2	2	100%	OP	A						
8	DERO	1	2	2	100%	OP	A						
9	CHALAN PAGO #5	2	2	1	50%	OP	A	6/3/23, Pump #1 was removed due to grounded motor. Pump was delivered to vendor for repairs 8/31	WO #1370938				PO 502639
10	CHALAN PAGO #3	2	2	2	100%	OP	A						
11	FLORA GARDENS	2	2	2	100%	INOP	A						
12	DOUBLE SHAFT	1	3	3	100%	OP	A						
13	NAMU	2	1	1	100%	OP	A						
14	TAI MANGILAO	1	3	2	67%	GPA	A	Pump #1 was removed and brought to maintenance 5/12/22 due to mechanical seal issue. Pump was delivered to vendor. Pending parts.	WO #1285248				PO 501491 repairs have been on hold due to prioritizing other stations.
15	MANGILAO	1	2	2	100%	GPA	A			Breaker for sump pump is defective			
16	FIDIAN	2	2	2	100%	GPA	A	Pump #1 is secured due to oring on duct foot keeps coming out. Need to order from manufacturer.	WO #1234258				
17	LEYANG	2	2	1	50%	OP	A	Pump #2 was removed and brought to vendor for repairs 8/30. Temporarily using pump from Ayuyu until repairs are completed. (pump was removed due to needs rewinding)	WO #1370945				PO 502626
18	SAGAN BONITA 1	2	2	2	100%	OP	A						
19	SAGAN BONITA 2	2	2	1	50%	OP	A	Electricians tested Pump #1 and found pump to be grounded.					OR 54742 (pending PO)
20	DAIRY	1	2	2	100%	INOP	A						
21	BARRIGADA	1	2	2	100%	GPA	A						
22	TOTO GARDENS	2	2	1	50%	INOP	A	9/30 VFD #2 circuit board fried. Pending repairs from PIT					
23	MONGMONG	2	2	2	100%	OP	A						
24	CASIMERU	2	2	1	50%	Portable	A	Pump #1 was removed 11/30/22 and brought to maintenance due to grounded motor as per electricians. Pump was delivered to vendor for repairs.	WO #1330100				PO 502059 repairs have been on hold due to prioritizing other stations.
25	MAITE	2	2	2	100%	GPA	A						
26	BAYSIDE	2	2	2	100%	INOP	A						
27	ALUPANG	1	2	2	100%	OP	A						
28	MAMAJANAO	1	3	2	67%	OP	A	Pump #2 was removed 12/11/22 due to seized impeller. Need to replace bearing. Pump was delivered to vendor. Pump is being worked on.	WO 1332262				PO 502000 repairs have been on hold due to prioritizing other stations.
29	AGANA MAIN	1	4	2	50%	OP	A	P4 is on Line # 2 /awaiting line 4 riser to be cleaned. Pump #1 was secured due to burnt VFD.	WO #1384376	5/27/23, VFD #1 burnt. 5/29/23, VFD #3 burnt. (PIT are working on new replacement)			
30	LOWER SUNSET	2	2	1	50%	N/A	N/A	Pump #1 in operation. Pump #2 needs to be replaced.					
Total	30		66	54	82%								

GWA Work Session - January 16, 2024 - GWA GM REPORT

Southern District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	GAAN #1	1	4	3	75%	OP	MAN	Pump #1 is available, pending VFD		#2/#5 VFDs are defective due to burnt IGBT and power cards. Currently using VFD from Southern Link for #5			VFDs replacement Bid is in process
2	PUMP STATION #11	2	2	2	100%	INOP	AUTO						
3	PUMP STATION #12	1	2	2	100%	OP	AUTO						
4	PUMP STATION #14	2	2	2	100%	OP	AUTO						
5	PUMP STATION #15	1	2	2	100%	INOP	AUTO						
6	PUMP STATION #16	2	2	2	100%	OP	AUTO						
7	PUMP STATION #17	2	2	2	100%	OP	AUTO						
8	PUMP STATION #18	2	2	2	100%	OP	AUTO						
9	INARAJAN MAIN	1	2	2	100%	OP	AUTO						
10	INARAJAN LIFT	1	2	2	100%	OP	AUTO						
11	TALAFOFO	1	2	2	100%	OP	AUTO						
12	PAGACHAO	2	2	1	50%	NONE	NA	Pump 1 was secured due to electrical issues. Pending inspection from electrician.					
13	CHALIGAN	2	2	2	100%	OP	MAN						
14	EJECTOR #2	2	2	1	50%	PORTABLE /INOP	NA	Motor #2 was deemed grounded. Pending maintenance team for removal.					PO 502272 (pending arrival)
15	EJECTOR #3	2	2	1	50%	PORTABLE /INOP	NA	Compressor #2 secured due to compressor not building air.	WO #1377595				PO 502272 (pending arrival)
16	EJECTOR #4	2	2	1	50%	PORTABLE /INOP	NA	#1 compresor was removed 3/9/23 due to not holding air	WO #1382545				PO 502272 (pending arrival)
17	EJECTOR #5	2	2	1	50%	PORTABLE /INOP	NA	#2 compresor was removed and brought to ejector 7.					PO 502272 (pending arrival)
18	EJECTOR #6	2	2	2	100%	PORTABLE /INOP	NA	#2 on standby due to main breaker needs to be upgraded.					
19	EJECTOR #7	2	2	2	100%	PORTABLE /INOP	NA	#1 on standby due to main breaker needs to be upgraded.					
20	NORTH REYES	2	2	1	50%	PORTABLE /INOP	NA	Pump #1 was removed 9/26/21 due to defective bearing issue. Pump was delivered to vendor for repairs.	WO #1236235				PO 501927 repairs have been on hold due to prioritizing other stations.
21	LEYON #3 (DanDan)	2	2	2	100%	OP	MAN						
22	LEYON #4	2	2	2	100%	OP	AUTO						
23	MTL PUMP STATION	2	1	1	100%	PORTABLE /INOP	NA						
24	Baza P/S	1	3	2	67%	OP	AUTO	66066 installed on line #1. 66068 is at maintenance on standby . 66067 is currently installed at Windward Hills PS (needs to be removed due to moisture sensor activated). 66069 is currently installed on unit #3.					
25	Windward Hills	1	3	2	67%	OP	AUTO	8/1/23, 61079 was removed and brought to maintenance due to bearing issues. Repairs were made on rebuild but during installation on 9/1, found that motor needs rewinding. 61105 was removed and brought to vendor for repairs 9/2. 61106 is currently installed on unit #2. 61107 was removed 9/29 and brought to maintenance shop due to low megger and seal failure.	61079 - WO #1335584 61105 - WO #1380258 61107 - WO #1398233	PO 501369 for valves (pending approval)		61079 OR54520 (pending PO) 61105 PO 502688 61107 OR 54740 (pending OR)	
26	Aplacho	1	3	2	67%	OP	AUTO	7027 was removed due to grounded motor and delivered to vendor for repairs 9/4. 7028 was removed due to grounded motor and delivered to vendor for repairs 8/31. 7030 was removed due to grounded motor and delivered to vendor for repairs 8/31. New pump was installed due to motors in need of repairs.	7027 - WO #1375281 7028 - WO #1374946 7030 - WO #1374300			7027 - PO 502612 7028 - PO 502613 7030 - PO 502615	
27	Ladera #1	2	2	2	100%	PORTABLE	MAN						
28	Ladera #2	2	2	2	100%	PORTABLE	MAN						
29	Ayuyu	2	2	1	50%	PORTABLE	MAN	Pump #1 was removed and is currently installed at Leyang PS. Needs rewind due to motor grounded. Pump is at maintenance.					OR 54764 (pending PO)
30	Tenorio	2	2	2	100%	PORTABLE	MAN						
31	Taitague	2	2	2	100%	PORTABLE	MAN						
32	Hyundai	2	2	2	100%	OP	AUTO						
32			68	57	84%								

GWA Work Session - January 16, 2024 - GWA GM REPORT

Guam Waterworks Authority				Date: 1/6/2023		 WASTEWATER FACILITIES REPORT							
REVIEWS													
TOTAL PUMPS INSTALLED		186	OVERALL AVERAGE		82%								
TOTAL PUMPS OPERATIONAL		154	% OF OPERATING PUMPS		83%								
TOTAL PUMP STATIONS		84											
Northern District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	SOUTHERN LINK	1	4	4	100%	GPA	A	Pump #4 is on standby and will be used for emergencies as per plan					
2	FUJITA	1	4	2	50%	GPA	A	Pump #2 was removed 11/3/22 due to seal failure. Using impeller from #2 on #4. 6/12/23, Pump #3 was connected to VFD #4 due to Pump #4 has a bearing issue, pump delivered to vendor 9/12 for repairs.	P#2 WO 1323701 P#4 WO 1376739	VFD #2 and #3 are inoperable and in need of replacement. (PTT are working on new replacement)			P#2 OR 54967 (pending PO) Impeller PO 502226 (ETA Jan 2024) P#4 PO 502730
3	YPAO	1	2	2	100%	GPA	A						
4	PASEO DE ORO	1	2	1	50%	GPA	A	Pump #1 was removed due to seal failure.					Pending OR
5	HARMON	2	2	2	100%	GPA	A						
6	ROUTE 16	1	4	2	50%	GPA	M	P#3 secured 9/15/22 due to damaged volute and defective check valve. #4 was secured, using VFD at Agana Main PS.	P#3 WO #1332734	VFD #3 needs to be relaced. (PTT are working on new replacement)			Volute OR 54968 (pending PO)
7	LATTE DOUBLE TROUBLE	1	2	2	100%	GPA	A	12-2-21, pump #1 was removed and brought to maintenance due to broken impeller and bearing issue. Pump was delivered to vendor for repairs.	WO #1249603				PO 501910 repairs have been on hold due to prioritizing other stations.
8	LATTE SUN RISE	2	2	1	50%	GPA	A	7/31/23, Pump #1 was removed due to seal failure.	WO #1384262				OR 54657 (pending PO)
9	LATTE SUBMARINE	2	2	2	100%	GPA	A						
10	LATTE PLANTATION	2	2	2	100%	GPA	A						
11	PGD	2	2	2	100%	GPA	A						
12	MACHECHE	2	2	2	100%	GPA	A						
13	HAFADA	2	2	1	50%	GPA	A	Pump #2 was removed due to motor was grounded.					pending OR
14	YPAOPAO	1	3	2	67%	GPA	N/A	7/5/23 Pump #1 shorted as per electricians.	WO #1376323				P#1 OR54701 (pending PO)
15	PACIFIC LATTE	2	2	2	100%	GPA	A						
16	YIGO	1	3	2	67%	GPA	A	Pump #2 was removed on 4/28 due to motor was grounded as per electricians. Transferred pump #1 to line #2 due to issues with #1 soft starter, pending electricians.	WO #1360516				PO 502434 Pump delivered to vendor 7/11/23
17	ZERO DOWN	2	2	2	100%	GPA	A						
18	SANTA ANA	2	2	2	100%	GPA	A						
19	MACHANAONAO	1	2	2	100%	GPA	A						
20	FEMA 96	2	2	2	100%	GPA	A						
21	ASTUMBO 1	2	2	1	50%	GPA	A	7/7/23, electricians tested #2 and found motor was grounded. Delivered to vendor 9/12. 7/30/23, Electrician found pump #1 open windings.	P#1 WO #1383026 P#2 WO #1376890				P#1 OR 54658 (pending PO) P#2 PO 502733
22	ASTUMBO 2	2	2	1	50%	GPA	A	7/31/23, pump 1 was removed and installed at Astumbo #1 due to pump failure.					
Total	22		52	41	79%								

GWA Work Session - January 16, 2024 - GWA GM REPORT

Central District													
NO:	FACILITY	PRIORITY LISTED	NO OF INSTALLED PUMPS	NO OF OPERATIONAL PUMPS	PUMP AVAILABILITY %	GENERATOR OPERATIONAL FAULT	ATS MANUAL/ AUTO	PUMP UNIT REMARKS	WORK ORDER NO:	VALVES, ELECTRICAL,STRUCTURAL REMARKS	WORK ORDER NO:	ESTIMATED REPAIR DATE	UPDATES
1	CABRAS ISLAND	1	2	2	100%	Portable	M						
2	COMMERCIAL PORT	1	3	3	100%	OP	A						
3	PITI	1	2	2	100%	GPA	A	New pump was installed. Still pending OR for repair on pump.					OR 54856 (pending PO)
4	ASAN	1	2	2	100%	GPA	A						
5	SINAJANA	2	2	2	100%	GPA	A						
6	NEW CHAOT	1	3	2	67%	OP	A	Pump #2 was removed and brought to maintenance 2/18/22 due to broken pump shaft. Maintenance team is in the process of repiping lines for a new installation.	WO #1266707				Working with Engineering for station upgrades
7	ORDOT	2	2	2	100%	OP	A						
8	DERO	1	2	2	100%	OP	A						
9	CHALAN PAGO #5	2	2	1	50%	OP	A	6/3/23, Pump #1 was removed due to grounded motor. Pump was delivered to vendor for repairs 8/31	WO #1370938				PO 502639
10	CHALAN PAGO #3	2	2	2	100%	OP	A						
11	FLORA GARDENS	2	2	2	100%	INOP	A						
12	DOUBLE SHAFT	1	3	3	100%	OP	A						
13	NAMU	2	1	1	100%	OP	A						
14	TAI MANGILAO	1	3	2	67%	GPA	A	Pump #1 was removed and brought to maintenance 5/12/22 due to mechanical seal issue. Pump was delivered to vendor. Pending parts.	WO #1285248				PO 501491 repairs have been on hold due to prioritizing other stations.
15	MANGILAO	1	2	2	100%	GPA	A			Breaker for sump pump is defective			
16	FIDIAN	2	2	2	100%	GPA	A	Pump #1 is secured due to oring on duct foot keeps coming out. Need to order from manufacturer.	WO #1234258				
17	LEYANG	2	2	1	50%	OP	A	Pump #2 was removed and brought to vendor for repairs 8/30. Temporarily using pump from Ayuyu until repairs are completed. (pump was removed due to needs rewinding)	WO #1370945				PO 502626
18	SAGAN BONITA 1	2	2	2	100%	OP	A						
19	SAGAN BONITA 2	2	2	1	50%	OP	A	Electricians tested Pump #1 and found pump to be grounded.					OR 54742 (pending PO)
20	DAIRY	1	2	2	100%	INOP	A						
21	BARRIGADA	1	2	2	100%	GPA	A						
22	TOTO GARDENS	2	2	1	50%	INOP	A	9/30 VFD #2 circuit board fried. Pending repairs from PIT					
23	MONGMONG	2	2	2	100%	OP	A						
24	CASIMERU	2	2	1	50%	Portable	A	Pump #1 was removed 11/30/22 and brought to maintenance due to grounded motor as per electricians. Pump was delivered to vendor for repairs.	WO #1330100				PO 502059 repairs have been on hold due to prioritizing other stations.
25	MAITE	2	2	2	100%	GPA	A						
26	BAYSIDE	2	2	2	100%	INOP	A						
27	ALUPANG	1	2	2	100%	OP	A						
28	MAMAJANAO	1	3	2	67%	OP	A	Pump #2 was removed 12/11/22 due to seized impeller. Need to replace bearing. Pump was delivered to vendor. Pump is being worked on.	WO 1332262				PO 502000 repairs have been on hold due to prioritizing other stations.
29	AGANA MAIN	1	4	2	50%	OP	A	P4 is on Line # 2 /awaiting line 4 riser to be cleaned. Pump #1 was secured due to burnt VFD.	WO #1384376	5/27/23, VFD #1 burnt. 5/29/23, VFD #3 burnt. (PIT are working on new replacement)			
30	LOWER SUNSET	2	2	1	50%	N/A	N/A	Pump #1 in operation. Pump #2 needs to be replaced.					
Total	30		66	55	83%								

GWA Work Session - January 16, 2024 - GWA GM REPORT

Southern District													
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1	GAAN #1	1	4	3	75%	OP	MAN	Pump #1 is available, pending VFD		#2/#5 VFDs are defective due to burnt IGBT and power cards. Currently using VFD from Southern Link for #5			VFDs replacement Bid is in process
2	PUMP STATION #11	2	2	2	100%	INOP	AUTO						
3	PUMP STATION #12	1	2	2	100%	OP	AUTO						
4	PUMP STATION #14	2	2	2	100%	OP	AUTO						
5	PUMP STATION #15	1	2	2	100%	INOP	AUTO						
6	PUMP STATION #16	2	2	2	100%	OP	AUTO						
7	PUMP STATION #17	2	2	2	100%	OP	AUTO						
8	PUMP STATION #18	2	2	2	100%	OP	AUTO						
9	INARAJAN MAIN	1	2	2	100%	OP	AUTO						
10	INARAJAN LIFT	1	2	2	100%	OP	AUTO						
11	TALAFOFO	1	2	2	100%	OP	AUTO						
12	PAGACHAO	2	2	1	50%	NONE	NA	Pump 1 was secured due to electrical issues. Pending inspection from electrician.					
13	CHALIGAN	2	2	2	100%	OP	MAN						
14	EJECTOR #2	2	2	1	50%	PORTABLE /INOP	NA	Motor #2 was deemed grounded. Pending maintenance team for removal.					PO 502272 (pending arrival)
15	EJECTOR #3	2	2	1	50%	PORTABLE /INOP	NA	Compressor #2 secured due to compressor not building air.	WO #1377595				PO 502272 (pending arrival)
16	EJECTOR #4	2	2	1	50%	PORTABLE /INOP	NA	#1 compresor was removed 3/9/23 due to not holding air	WO #1382545				PO 502272 (pending arrival)
17	EJECTOR #5	2	2	1	50%	PORTABLE /INOP	NA	#2 compresor was removed and brought to ejector 7.					PO 502272 (pending arrival)
18	EJECTOR #6	2	2	2	100%	PORTABLE /INOP	NA	#2 on standby due to main breaker needs to be upgraded.					
19	EJECTOR #7	2	2	2	100%	PORTABLE /INOP	NA	#1 on standby due to main breaker needs to be upgraded.					
20	NORTH REYES	2	2	2	100%	PORTABLE /INOP	NA						
21	LEYON #3 (DanDan)	2	2	2	100%	OP	MAN						
22	LEYON #4	2	2	2	100%	OP	AUTO						
23	MTL PUMP STATION	2	1	1	100%	PORTABLE /INOP	NA						
24	Baza P/S	1	3	2	67%	OP	AUTO	66066 installed on line #1. 66068 is at maintenance on standby . 66067 is currently installed at Windward Hills PS (needs to be removed due to moisture sensor activated). 66069 is currently installed on unit #3.					
25	Windward Hills	1	3	2	67%	OP	AUTO	8/1/23, 61079 was removed and brought to maintenance due to bearing issues. Repairs were made on rebuild but during installation on 9/1, found that motor needs rewinding. 61105 was removed and brought to vendor for repairs 9/2. 61106 is currently installed on unit #2. 61107 was removed 9/29 and brought to maintenance shop due to low megger and seal failure.	61079 - WO #1335584 61105 - WO #1380258 61107 - WO #1398233	PO 501369 for valves (pending approval)		61079 OR54520 (pending PO) 61105 PO 502688 61107 OR 54740 (pending OR)	
26	Aplacho	1	3	2	67%	OP	AUTO	7027 was removed due to grounded motor and delivered to vendor for repairs 9/4. 7028 was removed due to grounded motor and delivered to vendor for repairs 8/31. 7030 was removed due to grounded motor and delivered to vendor for repairs 8/31. New pump was installed due to motors in need of repairs.	7027 - WO #1375281 7028 - WO #1374946 7030 - WO #1374300			7027 - PO 502612 7028 - PO 502613 7030 - PO 502615	
27	Ladera #1	2	2	2	100%	PORTABLE	MAN						
28	Ladera #2	2	2	2	100%	PORTABLE	MAN						
29	Ayuyu	2	2	1	50%	PORTABLE	MAN	Pump #1 was removed and is currently installed at Leyang PS. Needs rewind due to motor grounded. Pump is at maintenance.					OR 54764 (pending PO)
30	Tenorio	2	2	2	100%	PORTABLE	MAN						
31	Taitague	2	2	2	100%	PORTABLE	MAN						
32	Hyundai	2	2	2	100%	OP	AUTO						
32			68	58	85%								










Court Order Unit
Work for Nov 2023



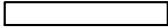
Location Map



Legend

-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  Sewer Line

Scale
500



1 inch = 500 feet








Court Order Unit
Work for Nov 2023



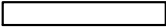
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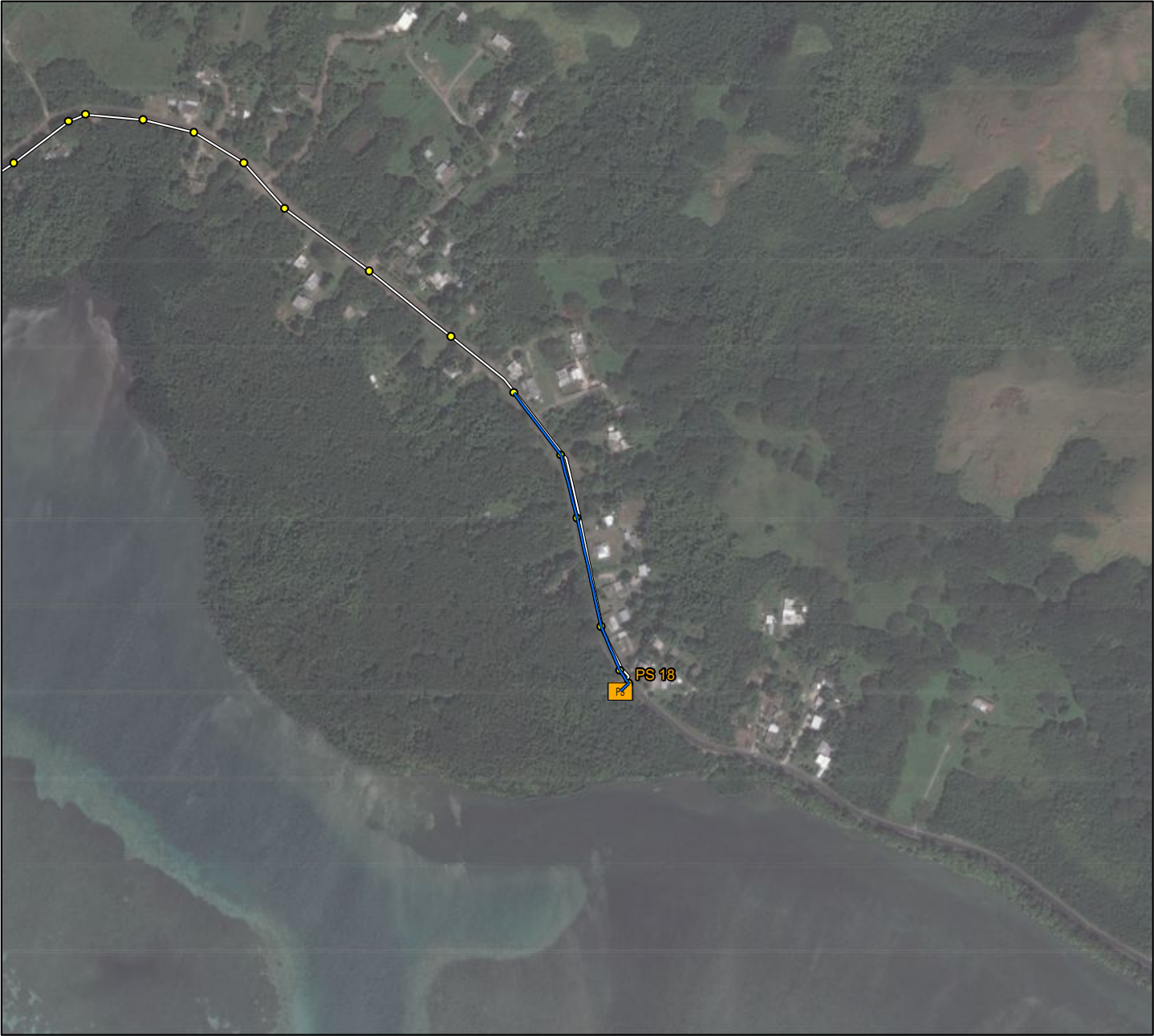
Legend

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Scale
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Court Order Unit
Work for Nov 2023



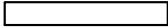
Location Map



Legend

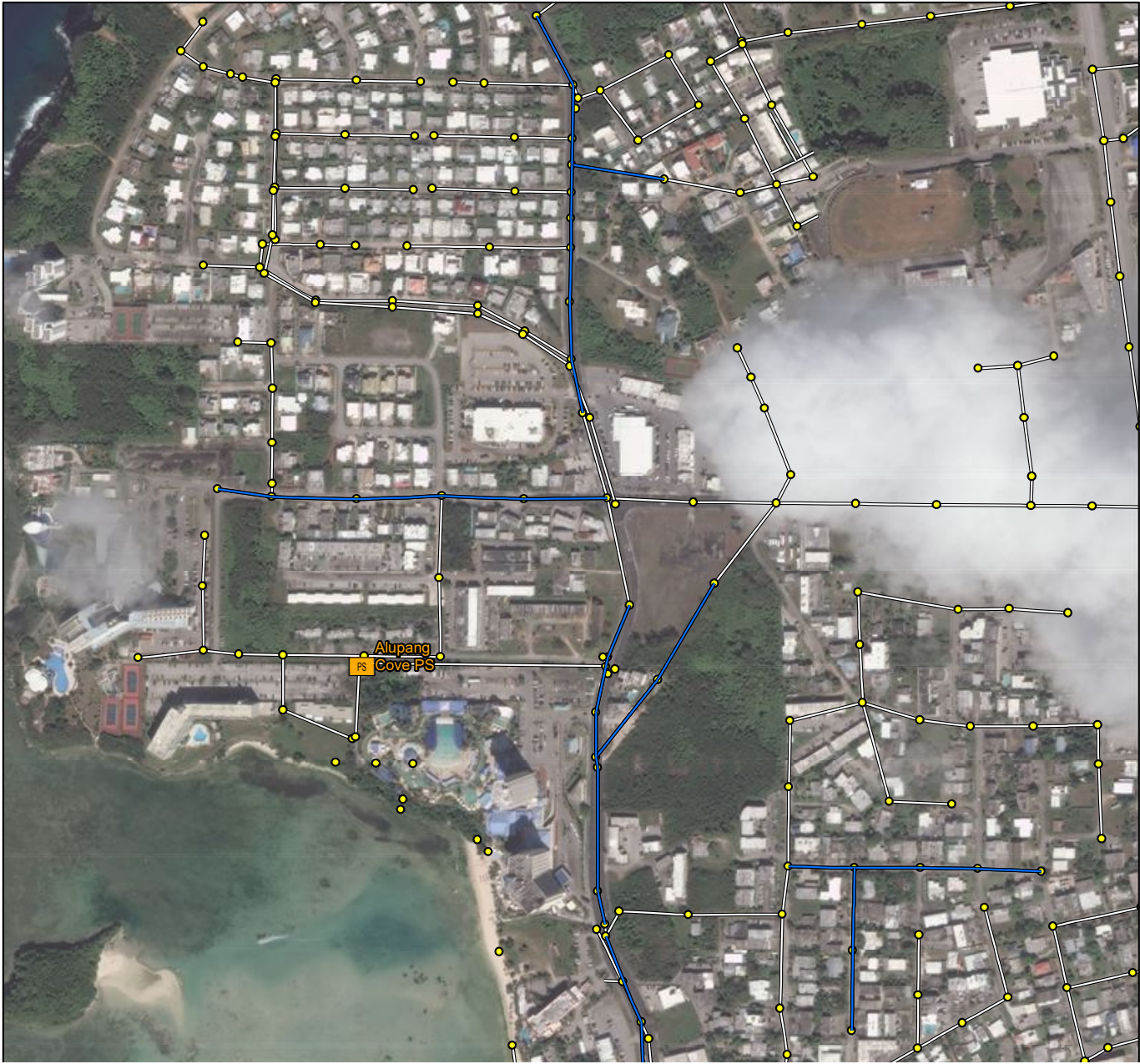
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Court Order Unit
Work for Dec 2023



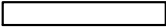
Location Map



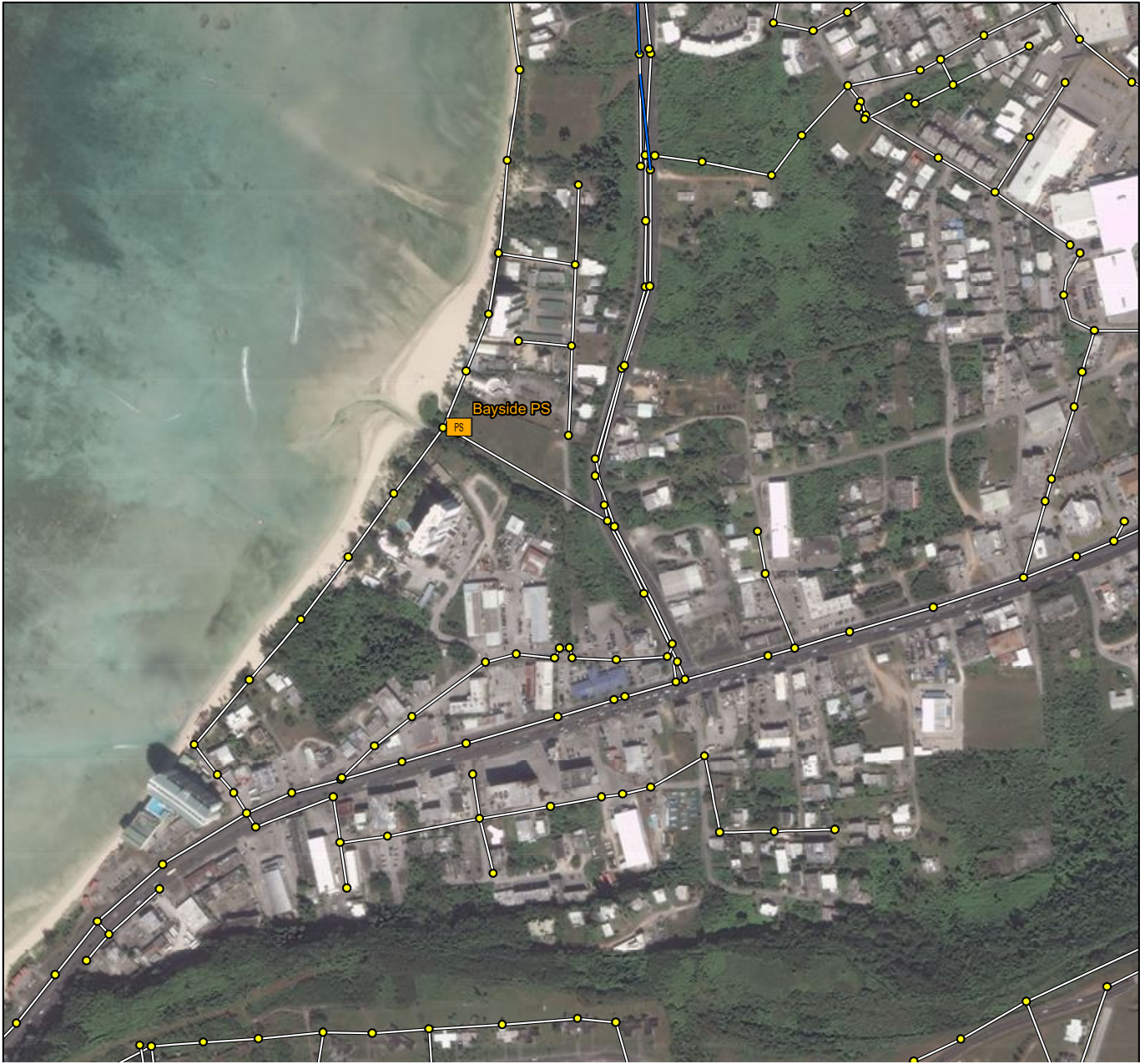
Legend

- Treatment Plant
- Pump Station
- Manhole
- Cleaning
- CCTV
- Sewer Line

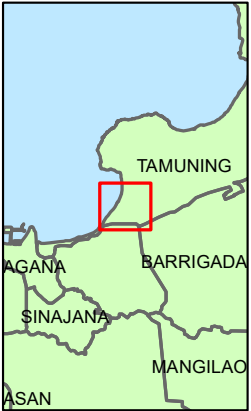
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Court Order Unit
Work for Dec 2023



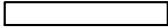
Location Map



Legend

-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
500



1 inch = 500 feet

Court Order Unit
Work for Dec 2023



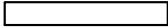
Location Map



Legend

- Treatment Plant
- Pump Station
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- Sewer Line

Scale
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Court Order Unit
Work for Dec 2023



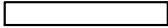
Location Map



Legend

-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
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Court Order Unit
Work for Dec 2023



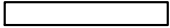
Location Map



Legend

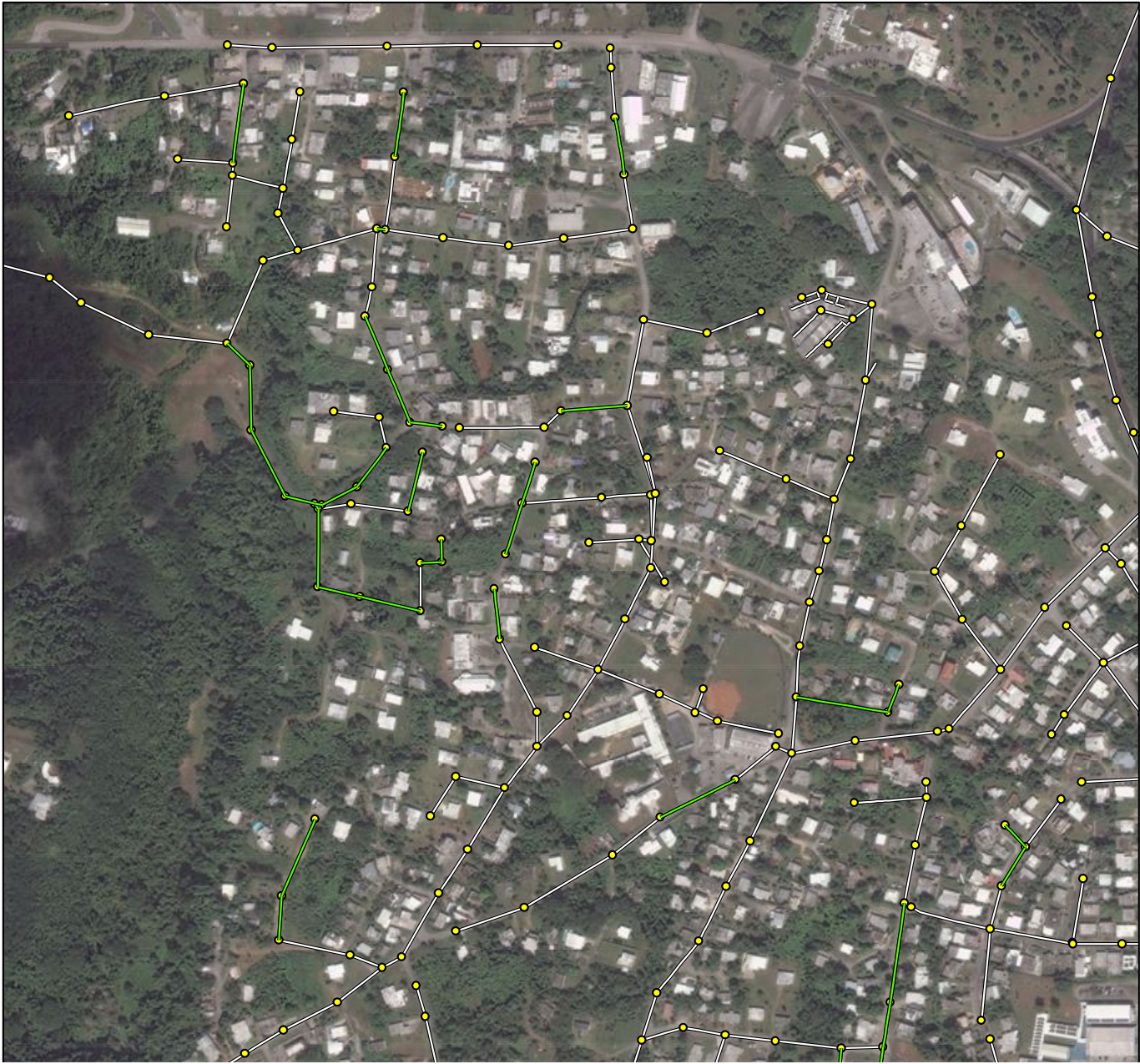
-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
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Court Order Unit
Work for Dec 2023



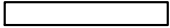
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Legend

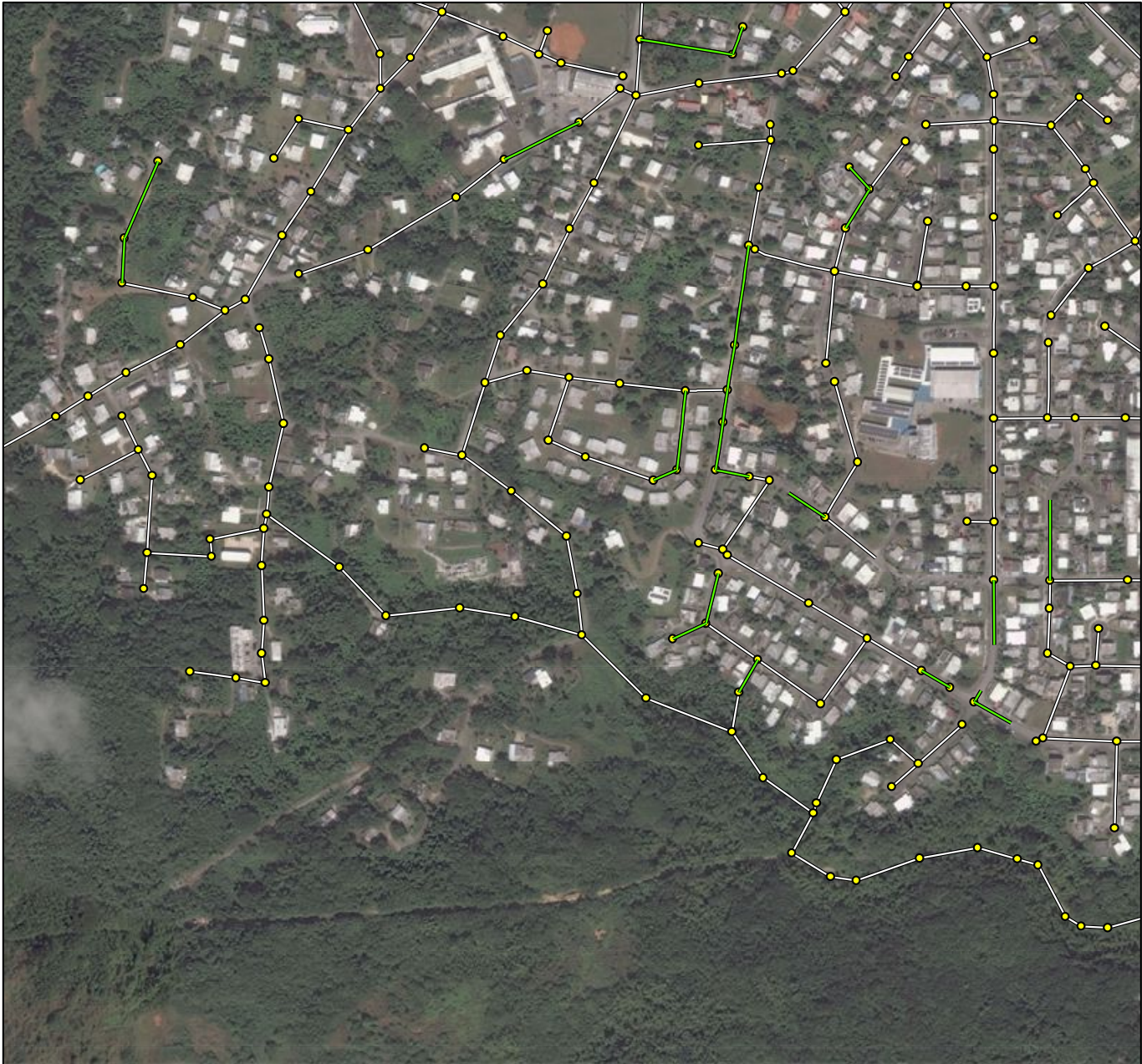
-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
500



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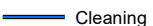
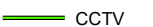

Court Order Unit
Work for Dec 2023



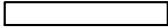
Location Map



Legend

-  WTP Treatment Plant
-  PS Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
500



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Court Order Unit
Work for Dec 2023



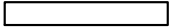
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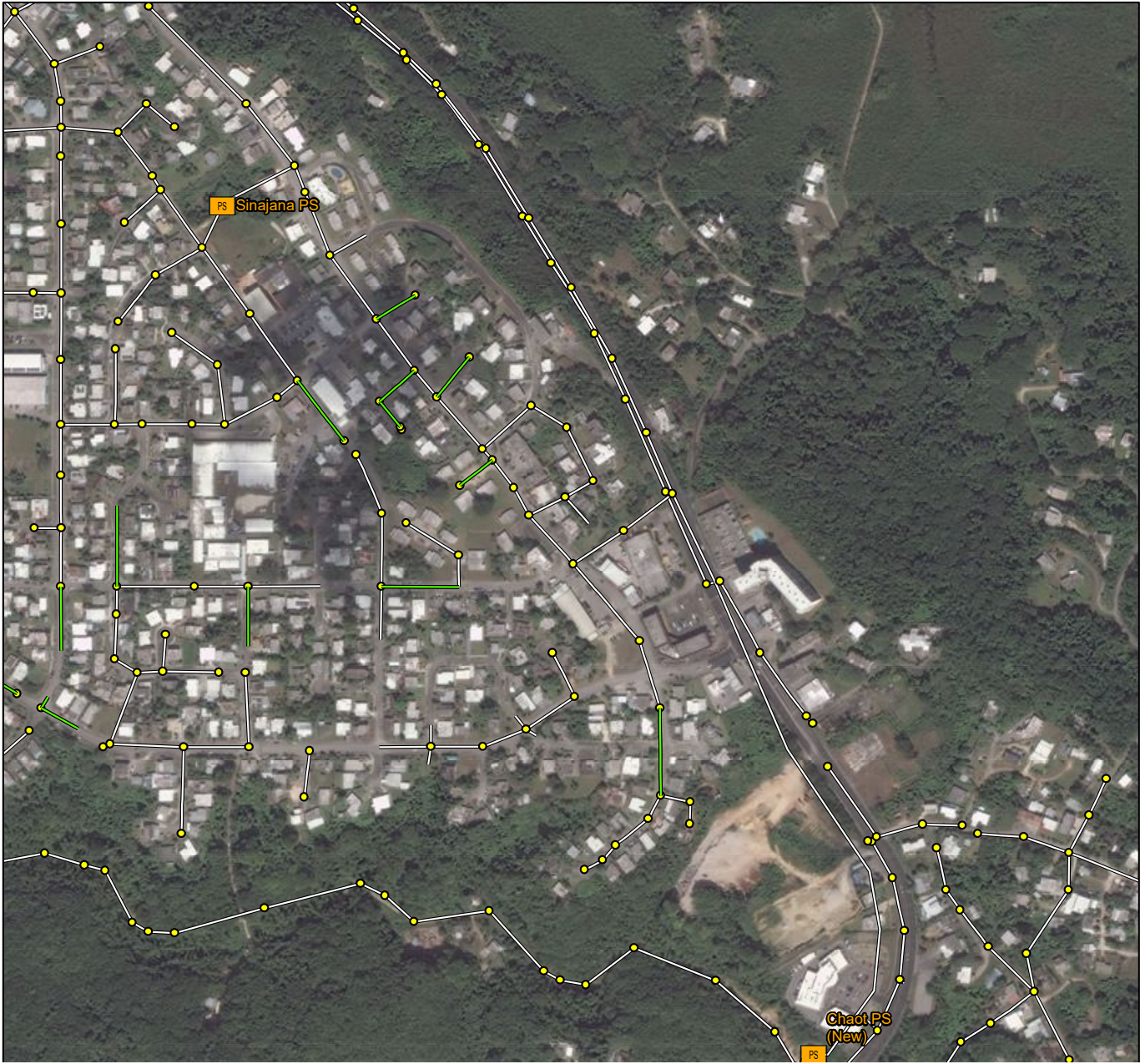
-  Treatment Plant
-  Pump Station
-  Manhole
-  Cleaning
-  CCTV
-  Sewer Line

Scale
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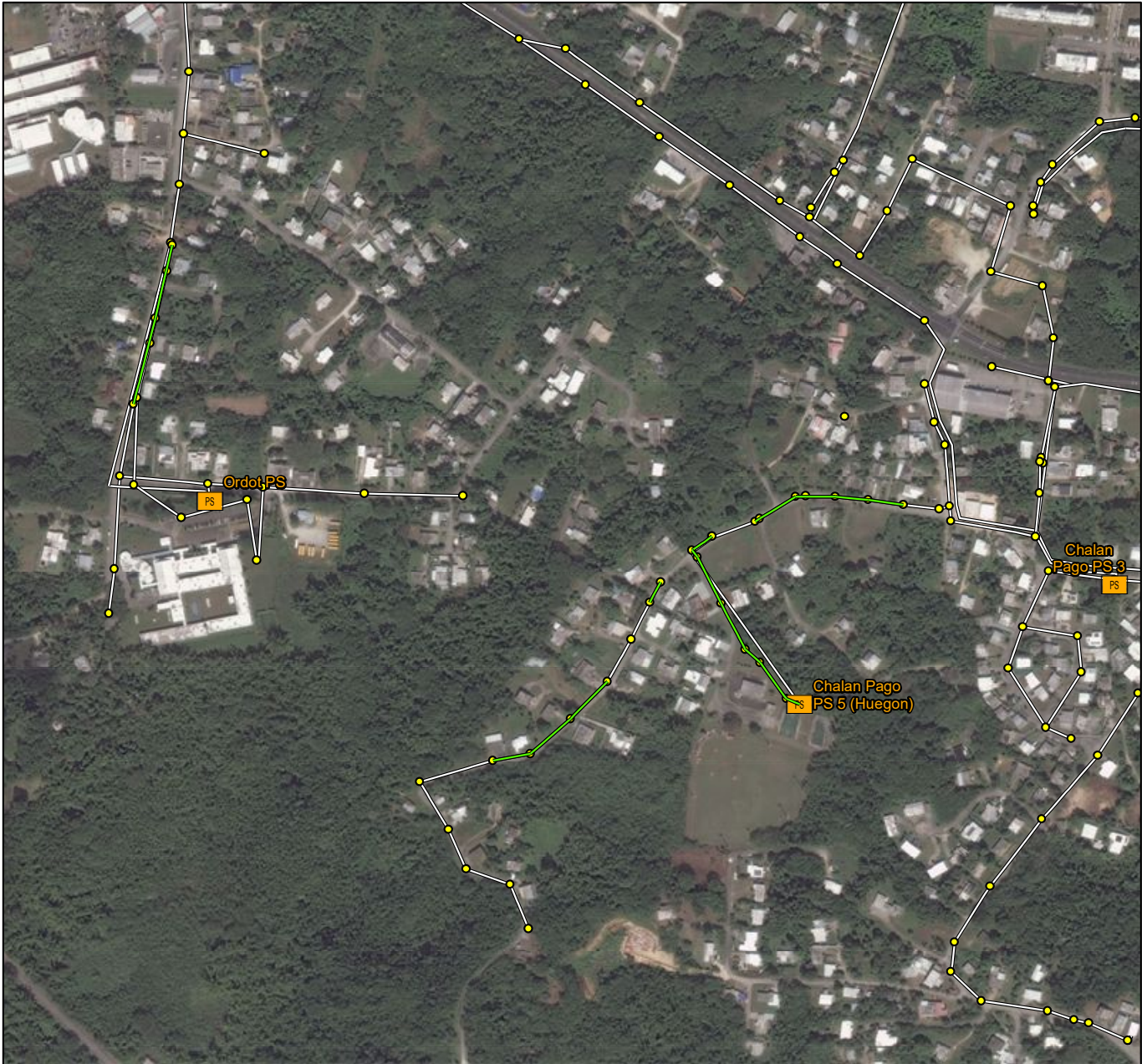


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Court Order Unit
Work for Dec 2023



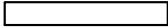
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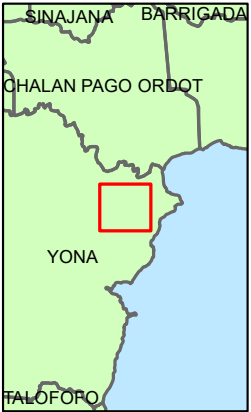
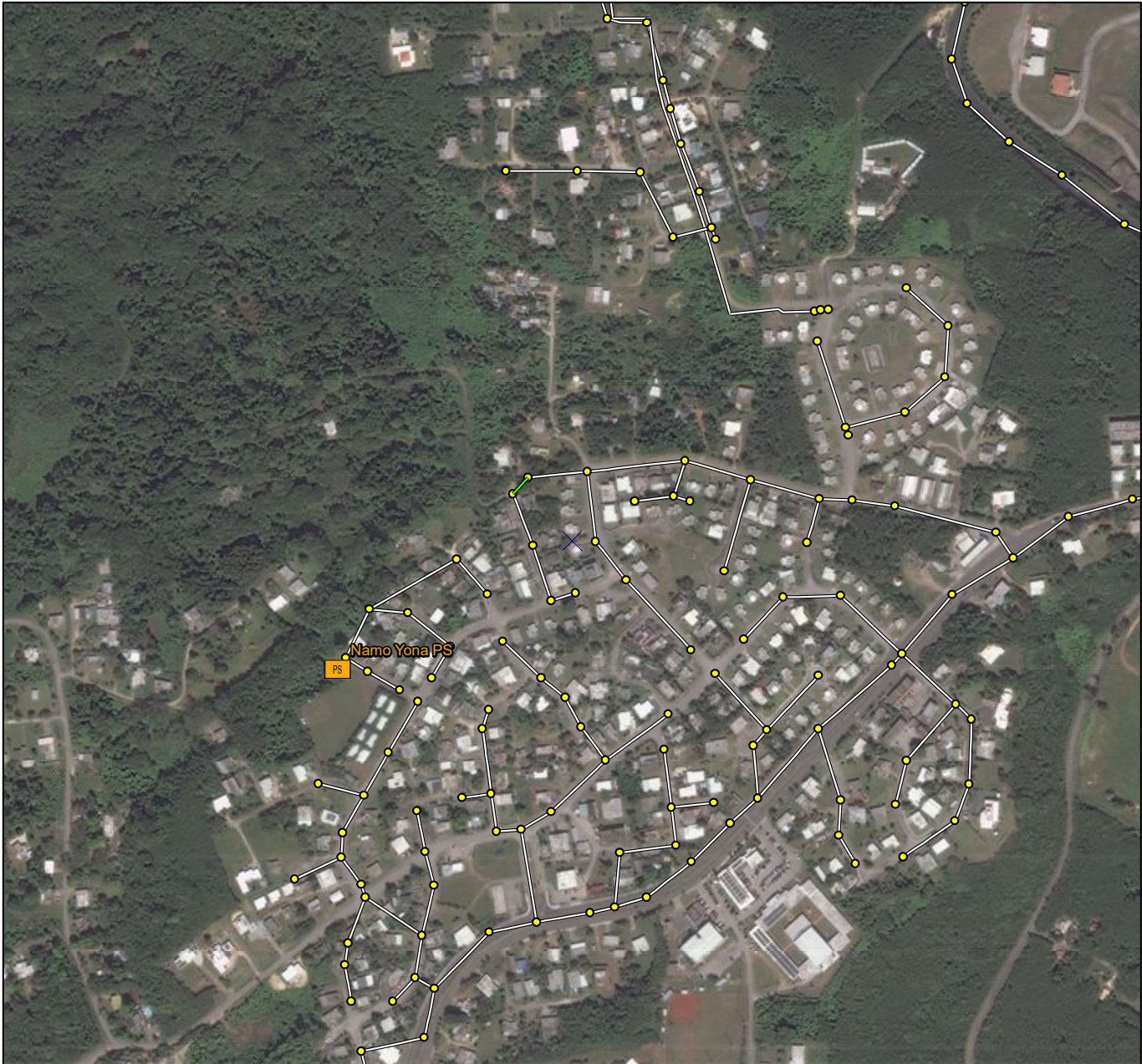
- WTP** Treatment Plant
- PS** Pump Station
- Manhole
- Cleaning
- CCTV
- Sewer Line

Scale
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Court Order Unit
Work for Dec 2023



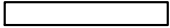
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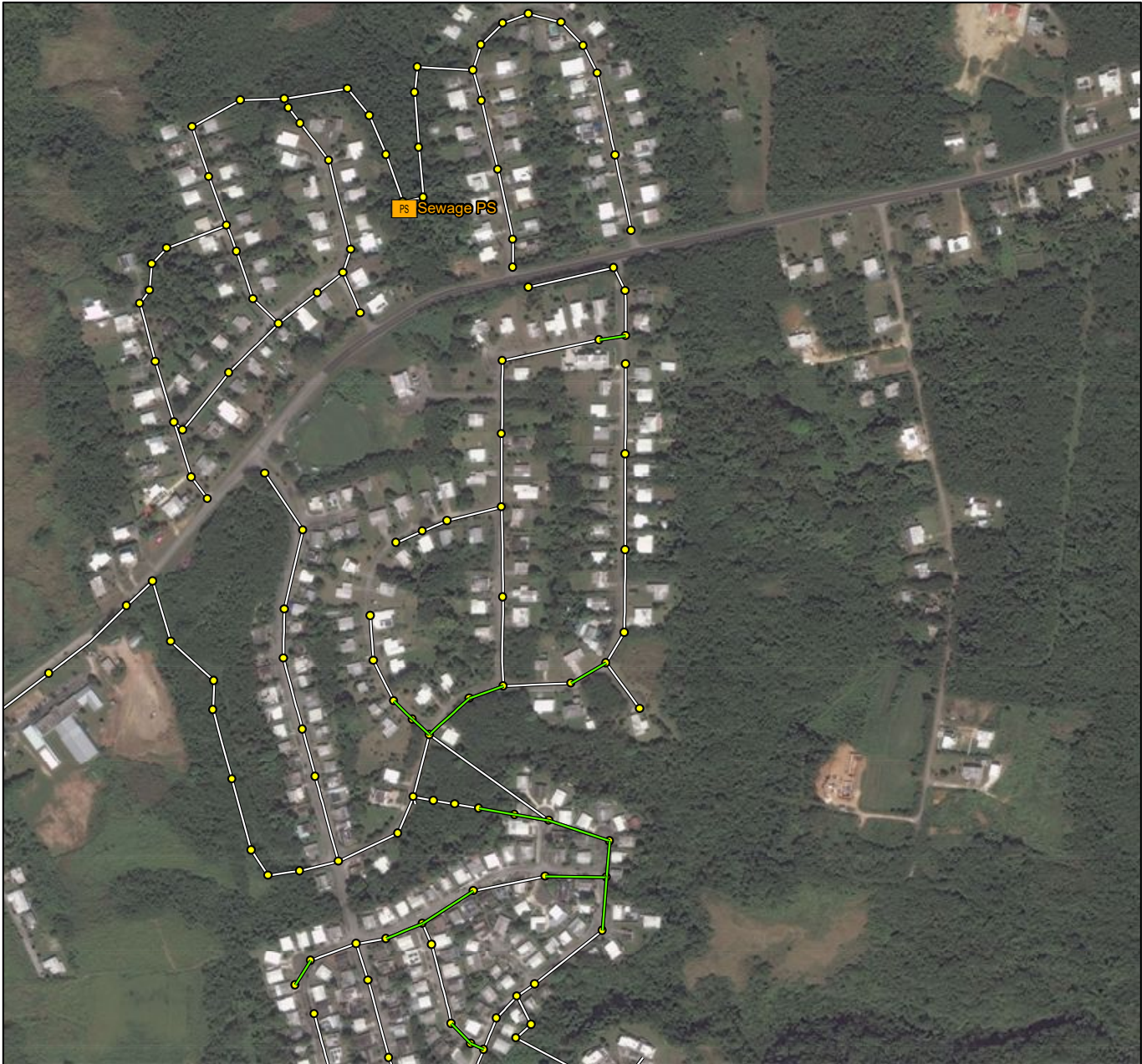
Legend

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-  Sewer Line

Scale
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Court Order Unit
Work for Dec 2023



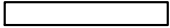
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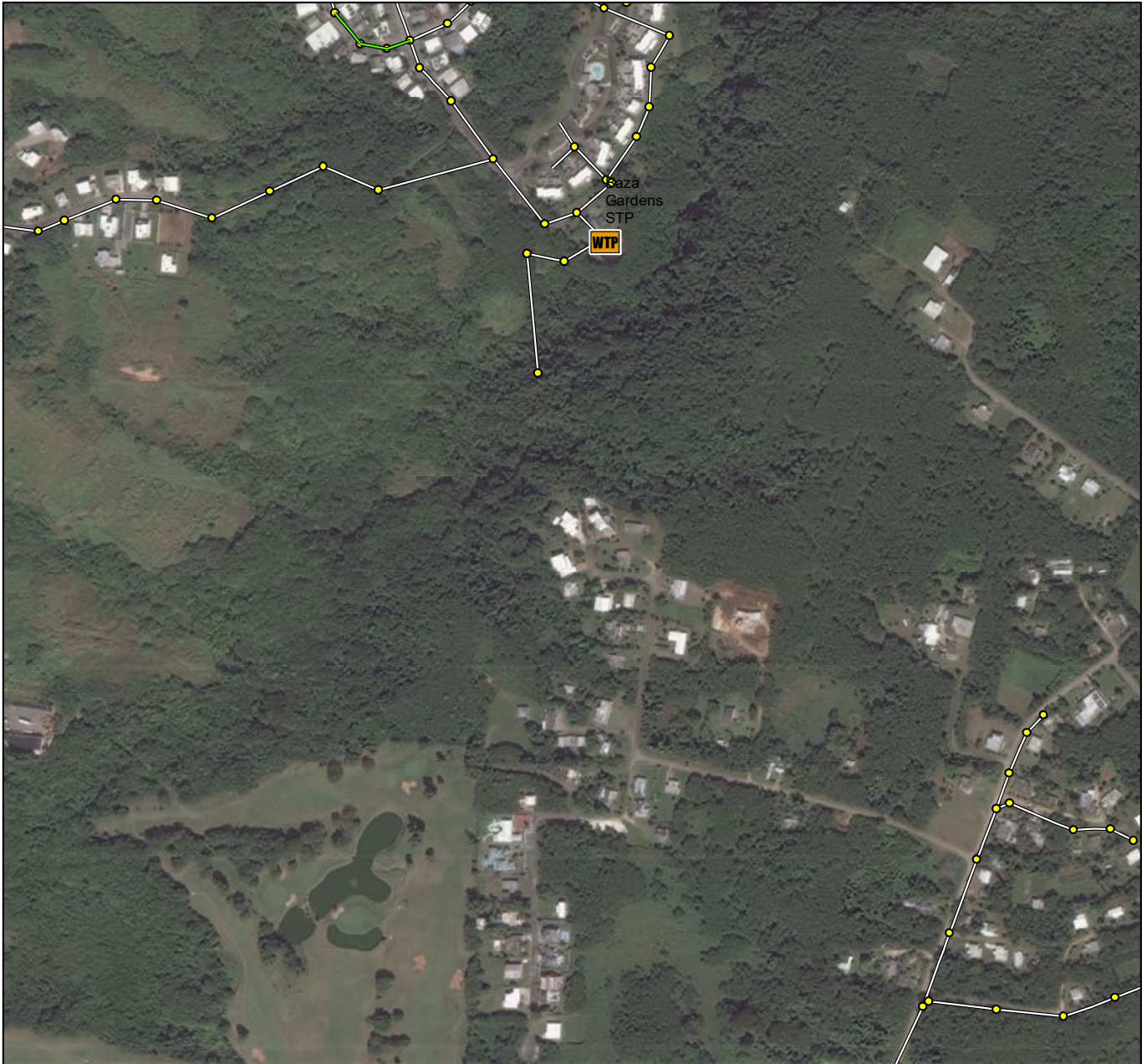
-  Treatment Plant
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Court Order Unit
Work for Dec 2023



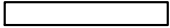
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