Financial Assessments (FA)

- For water systems (wastewater)
- Populations of less than 10,000
- Any recommendations are voluntary
- No charge for assessment

FA Process

- DEQ reviews financial and legal documents
- Onsite visit
- DEQ prepares a Financial Action Plan
- FAP can be basis for DWRF loan
- Follow-up as necessary
- Asset Management /CUPSS

Asset Management

- Asset management is a **systematic** process of operating , maintaining, and upgrading assets cost-effectively, (American Associate of State Highway and Transportation Officials)

- It's the **active** practice of managing the physical assets of an enterprise to achieve the maximum benefit from that asset

Asset Management Core Questions

1. What is current state of the Utility's assets?
2. What is the Utility's required level of service (LOS)
3. Which assets are critical to sustained performance?
4. What are the Utility's best Capital Improvement Project (CIP) and O&M strategies?
5. What is the Utility's best long term financing strategy?

Benefits of Asset Management

- Make more informed decisions
- Save time by planning ahead
- Back up budget talks with solid facts
- Improve customer service
- DEQ requirements

Asset inventory

- What is it?
- Where is it?
- How much does it cost?
- How long will it last?
- How important is it?

Basic inventory worksheet

EXAMPLE Prioritization Worksheet				
Date Worksheet Completed/Updated: 8/14/02				
Asset	Remaining Useful Life	Importance	Redundancy	Priority (1 is high)
Well 1 (1993)	21	Needed for service	Other well, but need backup	6
Well 1 pump	1	Needed for service	Other well, but need backup	3
Well 2 (1993)	21	Needed for service	Other well, but need backup	6
Well 2 pump	1	Needed for service	Other well, but need backup	3
Pumphouse (1993)	21	Needed for service	Other well, but need backup	6
Electrical components	1	Needed for control	No redundancy - corrosion	2
Chlorinator (1993)	2	Mandatory	No redundancy - need backup	1
Storage tank 1 (1993)	31	Need for fire flow and demand	Other tanks	6
Storage tank 2 (1993)	31	Need for fire flow and demand	Other tanks	6
Storage tank 3 (2000)	38	Need for fire flow and demand	Other tanks	6

Inventory spreadsheet

Asset Inventory

ID Number	Category	Type	Size	Manufacturer	Serial Number	Location	Installation Date	Condition	Criticality	Comments

Simplified Asset Management Plan

- Asset Inventory
- Rate Methodology
- Replacement
- Capital Improvement Plan

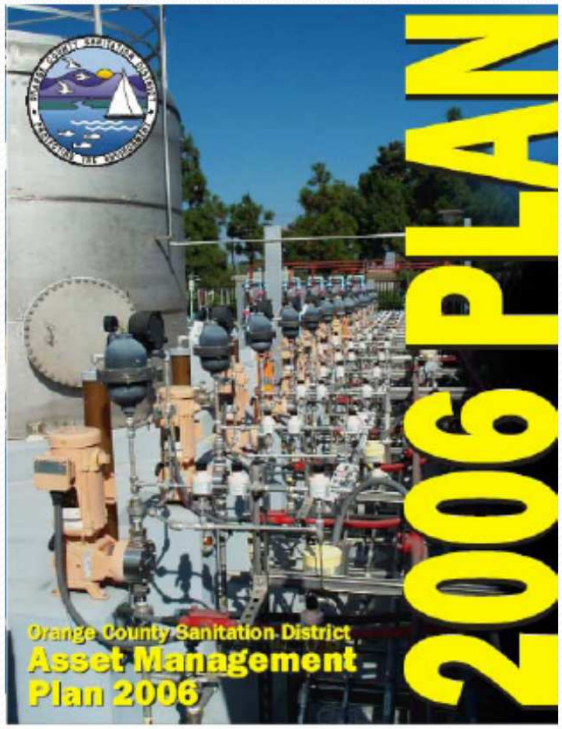
CUPSS system

- Free, easy-to-use software
- Asset Management 101 for water/wastewater systems
- Prepare an asset management plan in 7 steps

What Will CUPSS Do?

- Track:
  - Inventory
  - Tasks
  - Finances

- Develop a personalized Asset Management Plan!



Who is CUPSS For?

- CUPSS is for small drinking water and wastewater utilities that want to:
  - Apply proactive decision making
  - Prevent surprises or worse
  - Establish, reach or maintain Level of Service goals
  - Comply with financial reporting procedures (GASB 34 or FASB) for a good credit rating
  - Implement long range planning

Asset Management Core Questions

CUPSS Modules

1 Current State of Assets

My Inventory
My O&M
My CUPSS Plan

2 Level of Service

My CUPSS Plan

3 Critical Assets

My Inventory
My Asset Check Up
My CUPSS Plan

4 Minimum Life Cycle Cost

My Finances
My O&M
My Financial Check Up
My CUPSS Plan

5 Long-term Funding Plan

My Finances
My Financial Check Up
My CUPSS Plan

Asset Management

Support For Users

CUPSS Supporting Materials

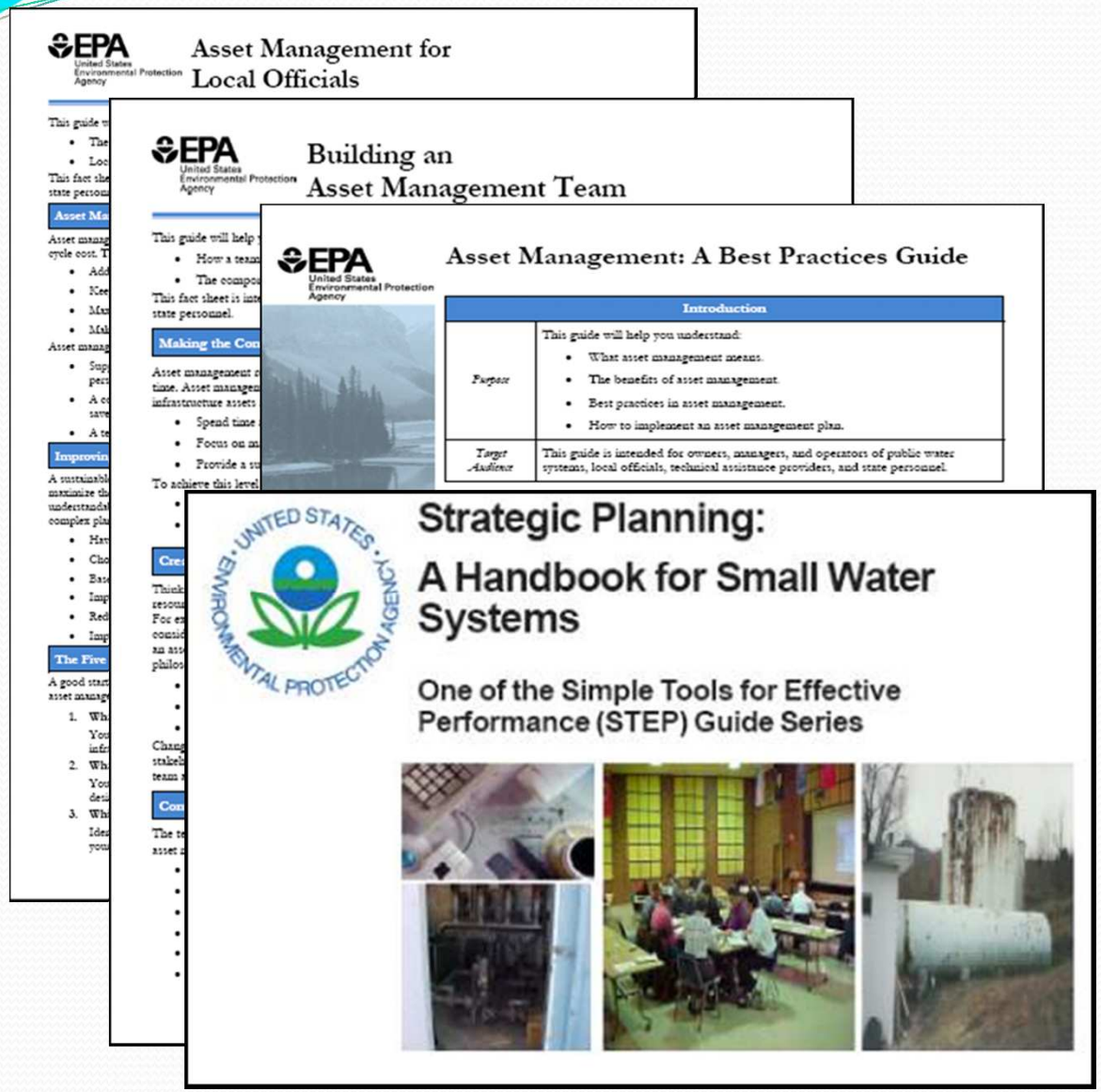
- CUPSS User's Guide
- CUPSS Workbook
- Tutorials/training
- User E-mail List
- CUPSS Web site (www.epa.gov/cupss)

Asset Management Supporting Materials

- STEP Guides
- Best Practices Guides
- Web cast training
- AM Web site

Trainer Network

EPA Support Materials



- Best Practices Guides
- STEP Guides
- Web cast training
- AM Web site

CUPSS Resources

How to get CUPSS Resources:

- Electronic Versions:
  CUPSS Website
  (www.epa.gov/cupss)
- Print Versions:
  User's and Trainer's Kits

Vermontville Remarks

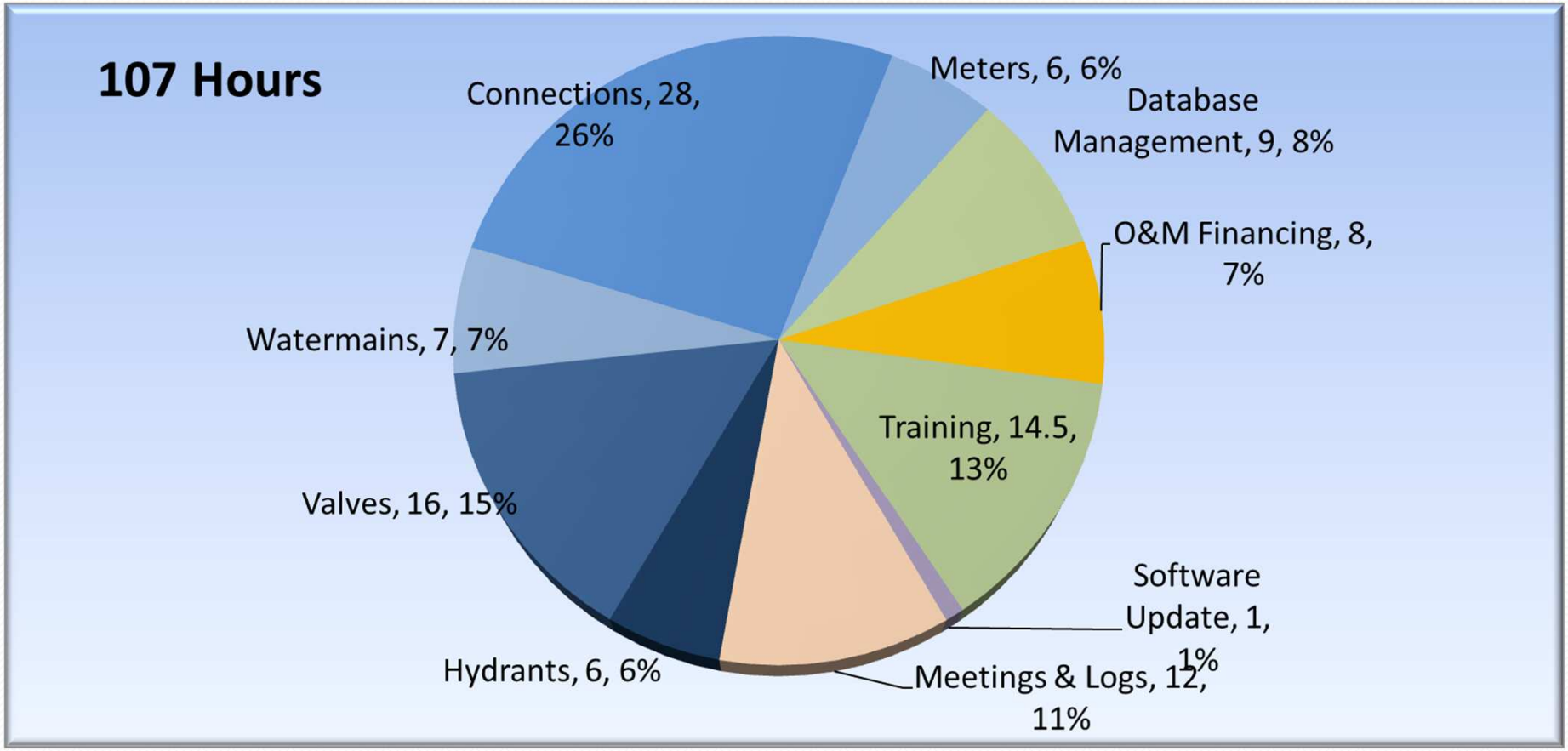
Challenges

- O&M Tasks
- Re-organizing Inventory
- 'Search' Feature
- System Schematic
- Data Entry
- Software Response

Successes

- User-friendly
- Start-up
- Help Menus
- Generating Reports
- Prompts
- Training Videos

Vermontville – Study by Hours



St. Ignace Remarks

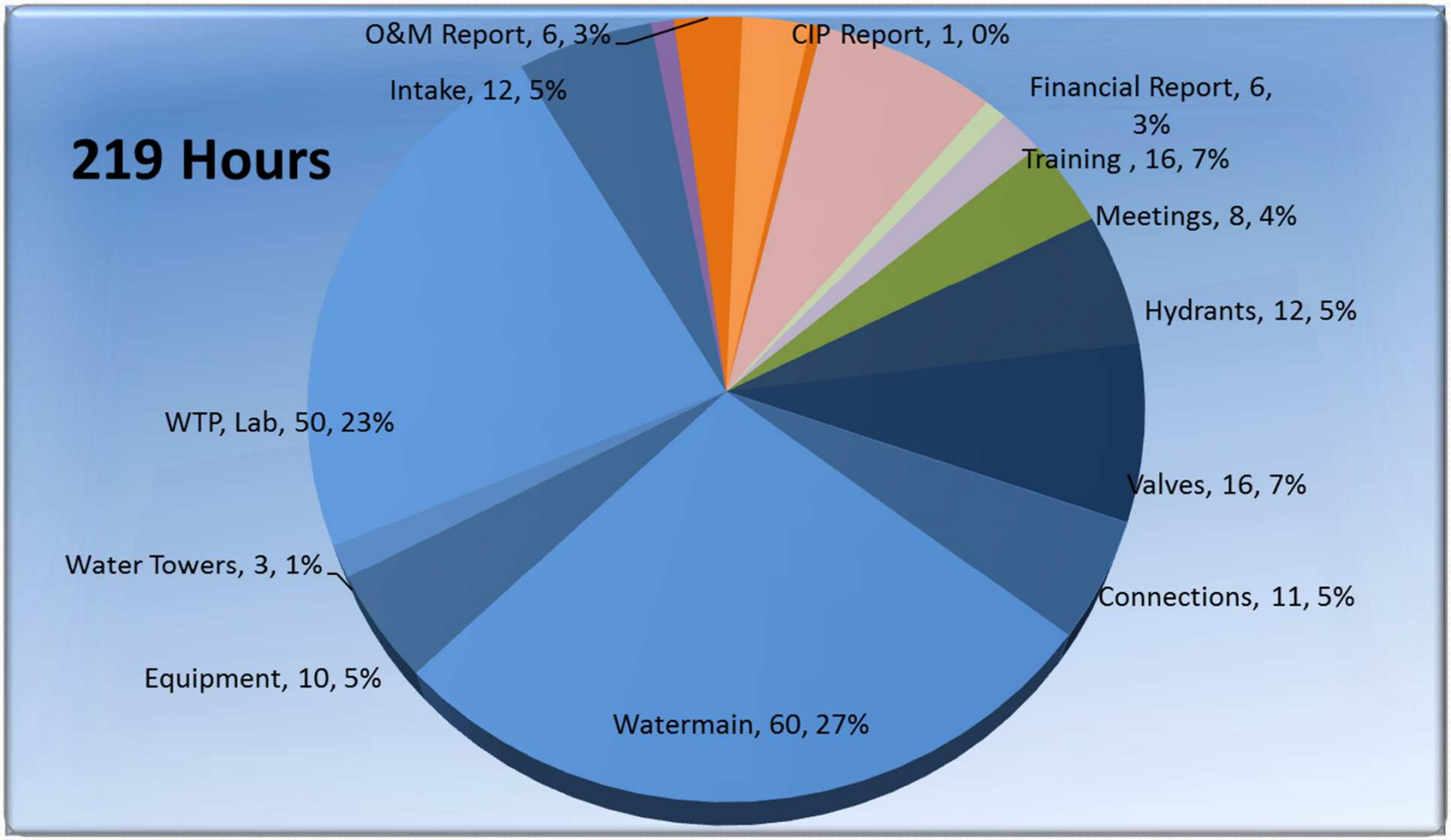
Challenges

- Saving items
- O&M Tasks
- Re-organizing Inventory
- 'Search' Feature

Successes

- Budgeting Reports
- Valuable to DPW
- User Friendly
- Prompts
- Start-up
- User Guide

St. Ignace - Study by Hours



Lessons Learned:

- Realized many assets were not inventoried in any way
- CUPSS is a valid tool for more than just asset inventory
  - Budget setting
  - Long range planning
  - Producing reports for officials
- CUPSS is easy to learn and use
- EPA/CUPSS provides support and ongoing updates
- CUPSS is an active tool
- Small systems can benefit from CUPSS asset management planning

Bob Schneider
Revolving Loan Section

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Rate Methodology Table 3

Directions

A. To add more line item expenses use insert function and add rows then copy first line item row to new rows to transfer formulas

B. Enter information in highlighed cells

C. Remaining cells will calculate automatically.

(select one)	<<< Click at left and select flow units (million cubic feet or millions of gallons)	**Calculate Operating Reserve** (optional if creating budget for only OM&R)	
0.00	<<< Enter annual billable flow in units selected above	$ 6	Total OM&R from Expenditures in table below
0	<<< Enter typical quarterly flow of single-family home in units selected above	$ 3	Targeted Operating Reserve Amount (this is 50% of OM&R)
(select one)	<<< Click at left and select the type of fixed units		<<< Enter amount of cash or equivalents
0	<<< Enter number of fixed units	$ 3	Additional Operating Reserves Needed (If negative number, stop here)
			<<< Enter # of years to accumulate reserves (rule of thumb is 5 years)
		$ -	Annual Contribution To Achieve Targeted Operating Reserve Amount

1. Edit budget items below, if needed
2. Enter budget amount for each item in highlighted cells
3. Under Options 3 and 4, enter percent of entire budget allocated to billable flow (Variable). The remainder is allocated to Fixed.
4. Under Option 5, enter percent of each budget item allocated to billable flow. The remainder is allocated to Fixed.
5. Click on Capital Improvements tab and Replacement tab to complete those worksheets

Expenditures	**Budget**	**Option 1**	**Option 2**	**Option 3**		**Option 4**		**Option 5**		
		Variable	Fixed	Variable	Fixed	Variable	Fixed		Variable	Fixed
		100%	100%	80%	20%	20%	80%	%	0%	0%
Operation, Maintenance and Repair (OM&R)										
Salaries	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* Dental	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* MERS	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* Medicare	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* FICA	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
* Disability	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Unemployment Insurance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Postage	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Bank Charges	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Operating Supplies	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Contract Services	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Telephone	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Dues	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Printing	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Insurance & Bonds	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Utilities	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Repairs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Maintenance	$ 2	$ 2	$ 2	$ 2	$ 0	$ 0	$ 2	0%	$ -	$ -
Rentals	$ 2	$ 2	$ 2	$ 2	$ 0	$ 0	$ 2	0%	$ -	$ -
GIS software	$ 2	$ 2	$ 2	$ 2	$ 0	$ 0	$ 2	0%	$ -	$ -
Replacement (See Table 4)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Total OM&R	**$ 6**	**$ 6**	**$ 6**	**$ 5**	**$ 1**	**$ 1**	**$ 5**		$ -	$ -
Capital Improvement (See Table 6)	$ 2	$ 2	$ 2	$ 2	$ 0	$ 0	$ 2	0%	$ -	$ 2
Operating Reserves	$ 2	$ 2	$ 2	$ 2	$ 0	$ 0	$ 2	0%	$ -	$ 2
Debt Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Miscellaneous	$ -	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -	$ -
Total Water System Expenses	**$ 10**	**$ 10**	**$ 10**	**$ 8**	**$ 2**	**$ 2**	**$ 8**		**$ -**	**$ 4**

Calculate Rate	**Option 1**	**Option 2**	**Option 3**	**Option 4**	**Option 5**
Select flow unit in cell A4	$ -	$ -	$ -	$ -	$ -
Enter type of fixed units into cell A7	$ -	$ -	$ -	$ -	$ -
Quarterly Bill for single-family home	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Asset Inventory Table 1

Directions

A. List assets

B. Enter asset information

C. To add more assets use insert function and add rows then copy first asset row to new rows to transfer formulas

D. Enter information in highlighed cells

E. Remaining cells will calculate automatically.

A	B	C	D	E	F	G	H	I	J	K	L
Source Assets	**Material**	**Location**	**Manufacturer**	**Original Cost**	**Replacement Cost**	**Remaining Useful Life in Years**	**Condition**	**Redundancy**	**Likeliness of Failure**	**Consequence of Failure**	**Criticality Factor**
well #1 pump						0	0		5	5	25
Enter asset						0					0
Enter asset						0					0
Enter asset						0					0
Enter asset						0					0
Enter asset						0					0
Enter asset						0					0

If Criticality Factor is greater than 16 cell will turn RED

If Criticality Factor is greater than 16 add to CIP table

A	B	C	D	E	F	G	H	I	J	K	L
Treatment Assets	**Material**	**Location**	**Manufacturer**	**Original Cost**	**Replacement Cost**	**Remaining Useful Life in Years**	**Condition**	**Redundancy**	**Likeliness of Failure**	**Consequence of Failure**	**Criticality Factor**
chlorinator						0			4	5	20
Enter asset						0					0
Enter asset						0					0
Enter asset						0			2	3	6
Enter asset						0			4	4	16
Enter asset						0			5	5	25
Enter asset						0					0

If Criticality Factor is greater than 16 cell will turn RED

If Criticality Factor is greater than 16 add to CIP table

Replacement Expenses Table 4

Directions

A. List assets to be replaced or rehabilitated

B. Determine how long before action must take place

C. Enter cost to replace or rehabilitate

D. To add more replacement items use insert function and add rows then copy first line item row to new rows to transfer formulas

E. Enter information in highlighed cells

F. Remaining cells will calculate automatically.

A	B	C	
Projects	**Remaining Useful Life in Years**	**Replacement Cost**	**Reserve Required Each Year**
Replace valves (45 valves at $500 each)	0	$ -	$ -
Replace well #1 pump	0	$ -	$ -
Paint elevated storage tank	0	$ -	$ -
Rehabilitate ground storage tank	0	$ -	$ -
Replace hydrants (30 at $2,000 each)	0	$ -	$ -
Replace chlorinator	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Enter asset to be replaced or rehabilitated	0	$ -	$ -
Total Replacement reserves required in the current year			$ -
			Click Total to add to Budget

Five Year Budget Table 5

Directions

A. List current year budget expenses
B. Determine inflation factor
C. To add more line item expenses use insert function and add rows then copy first line item row to new rows to transfer formulas
D. Enter information in highlighed cells
E. Remaining cells will calculate automatically. INFLATION FACTOR (%) - 5.0

	EXPENSES		Current Year	Year 2	Year 3	Year 4	Year 5
	OPERATIONS & MAINTENANCE						
	Salaries		0.00	0.00	0.00	0.00	0.00
	* Insurance		0.00	0.00	0.00	0.00	0.00
	* Dental		0.00	0.00	0.00	0.00	0.00
	* MERS		0.00	0.00	0.00	0.00	0.00
	* Medicare		0.00	0.00	0.00	0.00	0.00
	* FICA		0.00	0.00	0.00	0.00	0.00
	* Disability		0.00	0.00	0.00	0.00	0.00
	Unemployment Insurance		0.00	0.00	0.00	0.00	0.00
	Postage		0.00	0.00	0.00	0.00	0.00
	Bank Charges		0.00	0.00	0.00	0.00	0.00
	Operating Supplies		0.00	0.00	0.00	0.00	0.00
	Contract Services		0.00	0.00	0.00	0.00	0.00
	Telephone		0.00	0.00	0.00	0.00	0.00
	Dues		0.00	0.00	0.00	0.00	0.00
	Printing		0.00	0.00	0.00	0.00	0.00
	Insurance & Bonds		0.00	0.00	0.00	0.00	0.00
	Utilities		0.00	0.00	0.00	0.00	0.00
	Repairs		0.00	0.00	0.00	0.00	0.00
	Maintenance		0.00	0.00	0.00	0.00	0.00
	Rentals		0.00	0.00	0.00	0.00	0.00
	Miscellaneous		0.00	0.00	0.00	0.00	0.00
	Replacement (See Table 3)		0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
	Total OM&R		$0.00	0.00	0.00	0.00	0.00
	Capital Improvement (See Table 2)		0.00	0.00	0.00	0.00	0.00
	Operating Reserves		0.00	0.00	0.00	0.00	0.00
	Debt Expenses		0.00	0.00	0.00	0.00	0.00
	Miscellaneous		0.00	0.00	0.00	0.00	0.00
			0.00	0.00	0.00	0.00	0.00
	Total Water System Expenses		$0.00	$0.00	$0.00	$0.00	$0.00

Capital Improvement Project Plan Table 6

Directions

A. List projects to be completed

B. Determine how long before the project must begin

C. Enter the total projected cost of the project

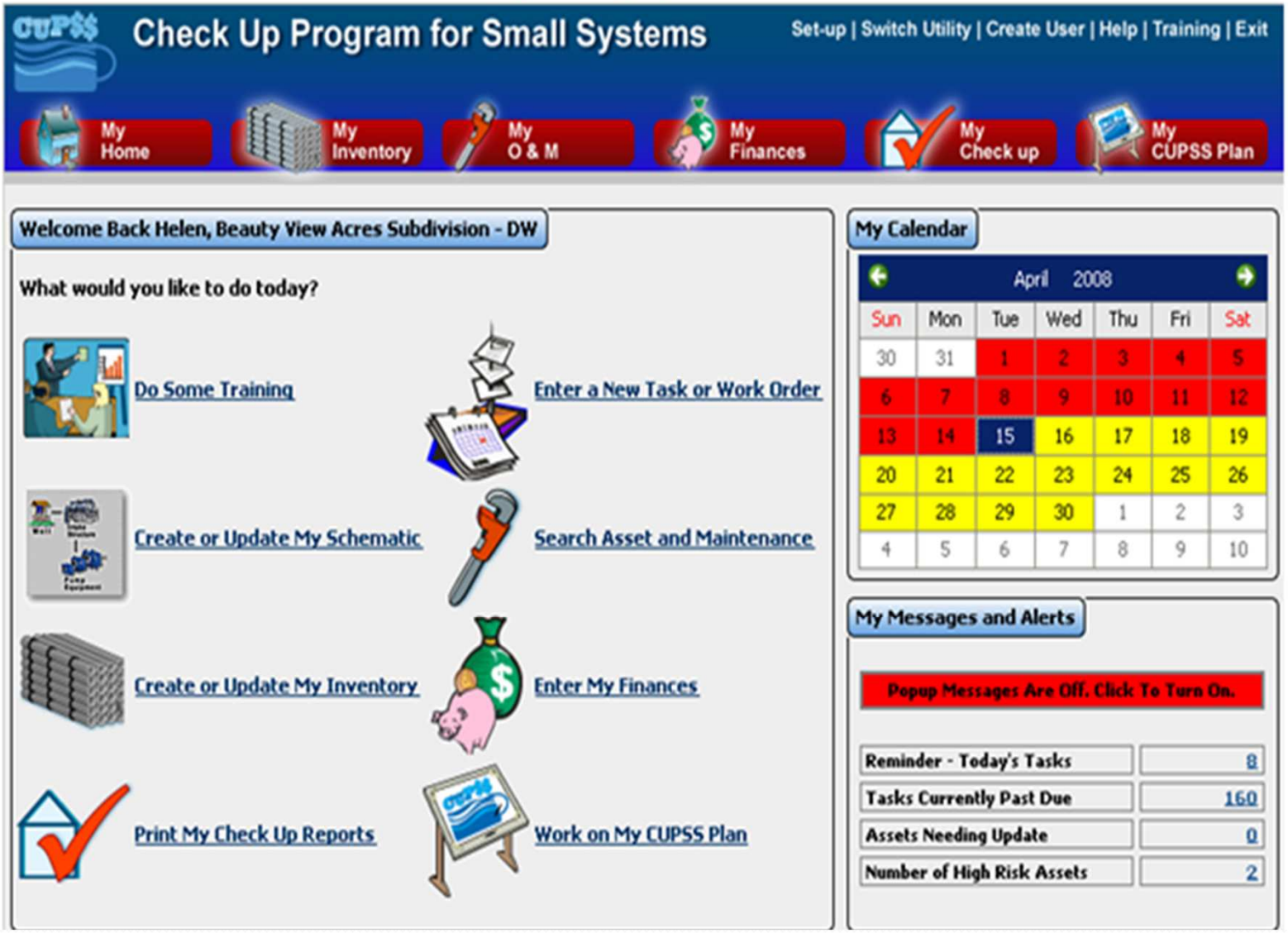
D. To add more CIP's use insert function and add rows then copy first CIP row to new rows to transfer formulas

E. Enter information in highlighed cells

F. Remaining cells will calculate automatically.

A	B	C	
Projects	**Years Until Project Must Begin**	**Cost**	**Reserve Required Each Year**
Install arsenic treatment on well #1	0	$ -	$ -
Expand transmission main	0	$ -	$ -
Build elevated storage tank	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Enter project	0	$ -	$ -
Total Capital Improvement reserve required in the current year			$ -
			Click Total to add to Budget

CUPSS Homepage



Check Up Program for Small Systems

Set-up | Switch Utility | Create User | Help | Training | Exit

My Home | My Inventory | My O & M | My Finances | My Check up | My CUPSS Plan

Beauty View Acres Subdivision - DW Asset Inventory

The My Inventory section allows you to create/edit a schematic, create/edit an asset inventory list, view asset information and search your data.

Create or Edit My Schematic | View My Inventory List | Search

Create or Edit My Inventory List | View My Capital Improvement Projects

Asset Risk Matrix

Beauty View Acres Subdivision - DW Schematic

well property, Wellhouse, Well #1, pump, Main valve, Chlorinator, Tank, Security, Water Production Meter, Chlorine testing, Distribution

Inventoried Asset List

- Source
  - Well#1
  - pump
  - Wellhouse
  - well property
- Pumping Facility
  - Main valve
  - Security
  - Chlorinator
- Treatment
  - Chlorine testing
- Distribution
  - Water Production Meter
  - Tank
  - Distribution

Beauty View Acres Subdivision - DW

Print Blank Worksheet

The asset inventory form allows you to enter information about your assets. This information will then be used in several of the CUPSS reports and to generate your prioritized asset list.

(*) Indicates required fields

Basic Information

*Asset Name | Select Associated Asset

*Location | Select Associated Location [Add]

*Asset Category: Select Category | *Asset Type: Select Asset Type

Notes

Status and Condition - Required to Calculate Priority

*Condition: Select Condition Rating | *CoF: Select CoF Rating

*Redundancy: Select Redundancy | Can this asset be repaired? Yes No

*Asset Status: Select Status | Can this asset be rehabilitated? Yes No

Select Asset Replaced: Select Asset Being Replace | Show asset in the schematic? Yes No

Cost and Maintenance

*Installation Date | Original Cost

*Expected Useful Life | *Replacement Cost

Routine Maintenance Cost | Select Frequ

Maintained According to Factory Recommendation | Create a task

Manufacturer and Supplier - Optional

Model Number

Supplier: Select Existing Supplier | Manufacturer: Select Existing Manufact

Address

City, State, Zip | Select state

Phone, Fax

Save and Add Another Asset | Save

Beauty View Acres Subdivision - DW

Print Scher

Source: Wells and Springs, Intake Structures

Pumping Facility

Treatment

Storage

Distribution

Other

Asset Inventory List

Check Up Program for Small Systems

Set-up | Switch Utility | Create User | Help | Training | Exit

My Home | My Inventory | My O & M | My Finances | My Check Up | My CUPSS Plan

Village of Vermontville Water Capital Improvements

The following is a list of Capital Improvement Projects. Double click on t
to the "Create or Edit My Inventory List" section to enter your asset in

Priority	Asset	Ca
1	Well House # 3	Pu
10	Curbstop/Riser 390 Elm St.	Di
100	Curbstop/Riser 213 W. Firs...	Di
1000	Valve 260 Third St.	Di
1001	Valve Maple St. & E. Seco...	Di
1002	Hydrant Valve Third St. & ...	Di
1003	Valve W. Main St. & Sher...	Di
1004	Corp 145 E. Main St.	Di
1005	K Copper 145 E. Main St.	Di
1006	Curbstop/Riser 145 E. Mai...	Di
1007	Corp 148 E. Main St.	Di
1008	K Copper 148 E. Main St.	Di
1009	Curbstop/Riser 148 E. Mai...	Di
101	Corp 222 W. First St.	Di
1010	Corp 176 E. Main St.	Di
1011	K Copper 176 E. Main St.	Di
1012	Curbstop/Riser 176 E. Mai...	Di
1013	Corp 179 E. Main St.	Di
1014	K Copper 179 E. Main St.	Di
1015	Curbstop/Riser 179 E. Mai...	Di
1016	Corp 188 E. Main St.	Di
1017	K Copper 188 E. Main St.	Di
1018	Curbstop/Riser 188 E. Mai...	Di
1019	Corp 207 E. Main St.	Di
102	K Copper 222 W. First St.	Distribution

Transmission Mains | Fair (Average) | Moderate | Replace | 2/1/2012

Status and Condition - Required to Calculate Priority

* Condition: Fair (Average)

* CoF: Major (CoF of 8)

* Redundancy: 0% - 0

Can this asset be repaired? Yes No

* Asset Status: Active

Can this asset be rehabilitated? Yes No

Select Asset Replaced: Select Asset Being Replace

Show asset in the schematic? Yes No

* Capacity: Fullsized

Cost and Maintenance

* Installation Date: 01/01/1947

Original Cost:

* Expected Useful Life: 50.00

* Replacement Cost: 199000.00

Routine Maintenance Cost: per/month

Maintained According to Factory Recommendation

Create a task

Beauty View Acres Subdivision - DW Operation and Maintenance

Add A Task | Print Blank Worksheet | Search/Print

The O&M section allows you to filter tasks by a utility.

Filter Utility: Beauty View Acres Subdivision - DW | Month: April | Year: 2008 | Show Completed Tasks

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	
		Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
		Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
		Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
		Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
		Past Due: Co...	Past Due: Co...	Past Due: Co...	Past Due: Co...	
6	7	8	9	10	11	
Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	Past Due: Ch...	
Past Due: Co...	Past Due: Cle...	Past Due: Co...	Past Due: Co...	Past Due: Co...	Past Due: Co...	
13	14	15	16	17	18	
Past Due: Ch...	Past Due: Ch...	Check and re...	Check and re...	Check and re...	Check and re...	
Past Due: Ch...	Past Due: Ch...	Check and re...	Check and re...	Check and re...	Check and re...	
Past Due: Ch...	Past Due: Ch...	Check instru...	Check instru...	Check instru...	Check instru...	
Past Due: Ch...	Past Due: Ch...	Check water ...	Check water ...	Check water ...	Check water ...	
Past Due: Co...	Past Due: Cle...	Complete a d...	Complete a d...	Complete a d...	Complete a d...	
20	21	22	23	24	25	
Check and re...	Check and re...	Check and re...	Check and re...	Check and re...	Check and re...	
Check and re...	Check and re...	Check and re...	Check and re...	Check and re...	Check and re...	
Check instru...	Check instru...	Check instru...	Check instru...	Check instru...	Check instru...	
Check water ...	Check water ...	Check water ...	Check water ...	Check water ...	Check water ...	
Complete a d...	Clean pump h...	Complete a d...	Complete a d...	Complete a d...	Complete a d...	
27	28	29	30			
Check and re...	Check and re...	Check and re...	Check and re...			
Check and re...	Check and re...	Check and re...	Check and re...			
Check instru...	Check instru...	Check instru...	Check instru...			
Check water ...	Check water ...	Check water ...	Check water ...			
Complete a d...	Clean pump h...	Complete a d...	Complete a d...			

April 2008

This screen allows you to schedule one-time and recurring tasks within the O&M section.

(*) Required Fields (*) Required If Recurrence Exists

Task

* Task Name
* Task Type: Select Type
Enter Other
Task Details/Notes
Cost of the Task: 0.00
* Staff Name: Select Staff

Asset Information - Asset Associated Tasks Only

Select Existing Asset: Select Existing Asset
OR: Enter New Asset
Asset Category: Select Asset Category
Asset Type: Select Asset Type
Enter Asset Details

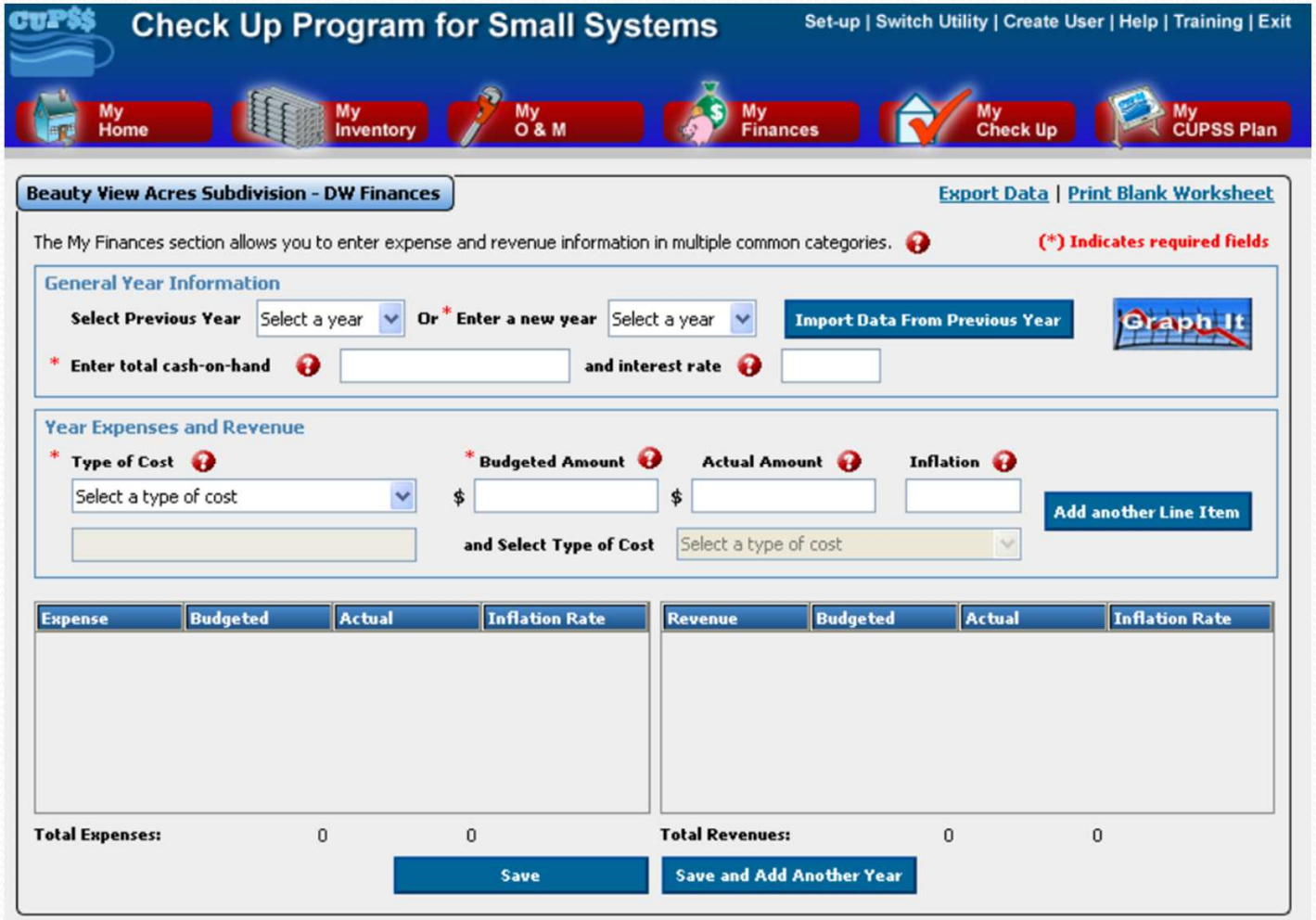
Optional Parts Information

Manufacturer/Supplier: Select Manufacturer - Supplier
OR Add New Manufacturer / Supplier
Parts Name
Parts Number
Parts Cost: 0.00
Labor Maint Cost: 0.00 Add

Man/Sup	Name	Number	Cost	Labor

Save and Close | Cancel | Print Work Order

CUPSS Section: My Finances



Check Up Program for Small Systems

Set-up | Switch Utility | Create User | Help | Training | Exit

My Home | My Inventory | My O & M | My Finances | My Check up | My CUPSS Plan

Beauty View Acres Subdivision - DW Finances

Print Blank Worksheet

The My Finances section allows you to enter expense and revenue information in multiple common categories.

(*) Indicates required fields

Select Previous Year [Select a y] Or * Enter a new year [Select a year] Import Data From Previous Year Graph It

* Enter total cash-on-hand [ ] and interest rate [ ]

* Type of Cost [Select a type of cost] *Budgeted Amount $ [ ] Actual Amount $ [ ] Inflation [ ] Add another Line Item

[ ] and Select Type of Cost [Select a type of cost]

Expense	Budgeted	Actual	Inflation Rate

Revenue	Budgeted	Actual	Inflation Rate

Total Expenses: 0 0

Total Revenues: 0

Save | Save and Add Another Year

Generate My Financial Check Up Report

Check Up Program for Small Systems

Set-up | Switch Utility | Create User | Help | Training |

My Home | My Inventory | My O & M | My Finances | My Check Up | My CUPSS Pla

Beauty View Acres Subdivision - DW, Financial Check Up Report

This screen allows you to fine-tune your budget projections.

	2007	2008	2009	2010	2011	2012
Inflation	0.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Growth	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Cash on Hand & Reserve Fund	12707.26	53195.44	149350.13	163344.21	177514.22	19188
Annual Operating Expenses	6823.79	7369.69	7959.27	8596.01	9283.69	10026
Capital Improvements	0.00	2950.00	80000.00	0.00	5500.00	0.00
Annual Debt Payment	0.00	0.00	0.00	0.00	0.00	0.00
Capital Reserve	38686.93	94049.77	11099.77	11099.77	11099.77	9724.
CUPPS Recommends	38686.93	38686.93	37211.93	10545.26	10545.26	9445.
Emergency Reserve	1705.95	1705.95	1774.19	1845.15	1918.96	1995.
Total Annual Cost of Doing Business	47216.67	106075.41	100833.23	21540.93	27802.42	21746
Revenue from Fees	13860.00	13860.00	13998.60	14138.59	14279.97	14422
Revenue from Grants	0.00	0.00	0.00	0.00	0.00	0.00
Revenue from Loans	0.00	Amount	Amount	Amount	Amount	Amou
		0.00	0.00	0.00	0.00	0.00
		Term/Rate	Term/Rate	Term/Rate	Term/Rate	Term/
		0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00
Savings Withdrawal	0.00	0.00	0.00	0.00	0.00	0.00
Other Revenues	0.00	20000.00	0.00	0.00	0.00	0.00
Revenue Surplus/Deficit	-33356.67	-72215.41	-86834.63	-7402.34	-13522.45	-7324

Ratios

Year	Operate	Debt	Sales	Expense
2007	2.03	0.00	1.00	0.14
2008	4.59	0.00	1.00	0.07
2009	1.76	0.00	1.00	0.08
2010	1.64	0.00	1.00	0.40
2011	1.54	0.00	1.00	0.33
2012	1.44	0.00	1.00	0.46
2013	1.35	0.00	1.00	0.48
2014				

Click to Expand (Save to Update)

<< Previous | Save Report | Generate Report

Check Up Program for Small Systems

Set-up | Switch Utility | Create User | Help | Training | Exit

My Home | My Inventory | My O & M | My Finances | My Check up | My CUPSS Plan

Beauty View Acres Subdivision - DW Asset Inventory Report

Select from the criteria below to customize your Asset Check Up Report and click "Print Report".

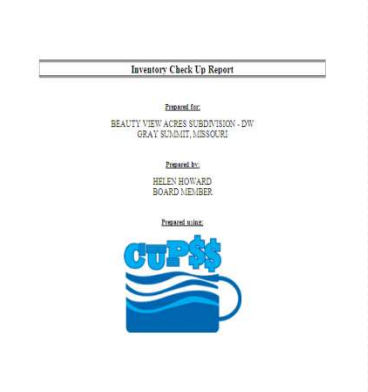
Select Utility Beauty View Acres Subdivision - DW

Include in the Report High Risk Assets Only

Select Asset Status to Include

- Active
- Not in Use - Abandoned
- Not in Use - Back Up
- Future Investment

Print Report



Inventory Check Up Report

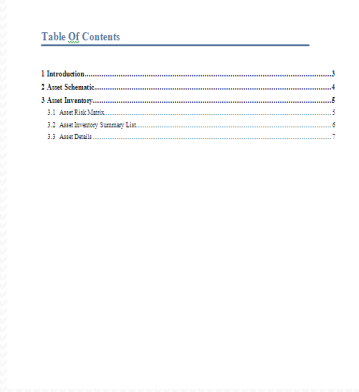
Prepared for:

BEAUTY VIEW ACRES SUBDIVISION - DW
GRAY SUMMIT, MISSOURI

Prepared by:

HELEN HOWARD
BOARD MEMBER

Prepared using:



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Check Up Program for Small Systems

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Beauty View Acres Subdivision - DW CUPSS Plan

Click on the "Begin a New My CUPSS Plan" button to start a new plan. To view or
the entry in the table below and select "Edit Row". If you would like to delete a p

Begin a New My CUPSS Plan

Recent Version Changes

Person	Title	Version	Notes
BDUNLEVY	Bob	1	
BDUNLEVY	bdunlevy	1	
HHOWARD	Michael Adler	1	

Beauty View Acres Subdivision - DW Utility Profile

1. Utility Profile | 2. Mission and LOS Agreement | 3. Critical Assets | 4. O&M Strategy | 5. CIP | 6. Financial Management Strategy | 7. Finalize Plan

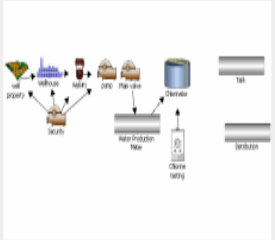
1.0 Introduction

This Asset Management Plan is for the Beauty View Acres Subdivision - DW and describes how the utility(ies) will manage the infrastructure assets. Customer service demands and regulations require drinking water and/or wastewater assets to be actively managed through careful maintenance, repair and replacement decisions. This plan is an effective tool for combining technical, management and financial practices to ensure that the level of service required by the community is provided at the appropriate cost.
The plan has the following purposes:

2.0 Utility Overview

The Beauty View Acres Subdivision - DW consists of Source, Pumping Facility, Treatment, Storage, Distribution, Other assets serving [insert community names]. The utility delivers [XXX] million gallons per day of water to 33 of connections. The utility [is/is not] interconnected or shared with other drinking utilities. [if interconnected, indicate name of utilities interconnected with, points of interconnection, average and peak flows, and legal arrangements]. Maps of the utility are maintained by the utility at [insert location].
The following is a breakdown of customer categories:

Figure 1.1. Beauty View Acres Subdivision - DW Utility Schematic



2.1 Asset Management Team

The Beauty View Acres Subdivision - DW has a staff of [ENTER STAFF NUMBER] [person who performs or people who perform] day-to-day functions to keep the utility functioning properly. Together, these individuals have volunteered as members of the "the asset management team." [Enter active staff to support the plan] perform Asset Management Planning responsibilities. The team is responsible for preparing, implementing, and updating this plan. To the extent that other staff such as [list support staff not responsible for implementation but will support the Asset Management Plan: for example, the training coordinator and town mayor] are involved with this or other projects, the asset management team is responsible for coordinating such involvement in the developing and implementing this plan. More specific roles and responsibilities are listed in Table 2-1 and Table 2-2.

Table 2.1. Beauty View Acres Subdivision - DW Asset Management Team

Name	Title/Organization	Role
Helen Howard	Treasure/Secretary/Beauty View Acres Landowners Assn	Board Member
Robert Dunlevy	Environmental Engineer/USEPA	EPA Contact
Steve Wyatt	Engineer/Missouri Department of Natural	State Contact
Dan Daugherty	Water Specialist/Missouri Department of Natural Resources	State Contact
John Hoagland	Administrator/Missouri Rural Water Association	Technical Assistance Provider

<< Previous | Save and Generate Plan | Save and Continue >>