Priority	Issue	Action Steps	Due Date	Assigned To	Comments
1	Wastewater Treatment Plant	New Wastewater Treatment Facility		Utilities	

1-01-09 – 2-01-11 This project is on hold. The Town has been working with PTM to implement a permanent wastewater treatment solution.

Priority	Issue	Action Steps	Due Date	Assigned To	Comments
1	Reclaimed Water	Create Reclaimed Water Master Plan		Utilities	

01-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant.
02-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant.
03-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant.
04-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant.
05-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant.
06-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant. An application for Federal Stimulus Funding has been submitted to WIFA and the application is in the review and ranking process.
07-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant. An application for Federal Stimulus Funding has been submitted to WIFA and the application is in the review and ranking process.
08-01-09 – Stantec has stopped work on the reclaimed water master plan until the funding issue is resolved for the wastewater plant. An application for Federal Stimulus Funding has been submitted to WIFA and the application is in the review and ranking process. Submitted Staff Report recommending Board approval of engineering services to design for a new sewer line from the arsenic removal system to the cemetery property line by Mold N Graphics. This new sewer line will allow resident and commercial properties to hook up to municipal sewer service in that area.
09-01-09 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. Council approved for SWI to engineering services to design a new sewer line from the arsenic removal system to the cemetery property line by Mold N Graphics. This new sewer line will allow resident and commercial properties to hook up to municipal sewer service in that area. The survey and design work has started
10-01-09 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. SWI is designing a new sewer line from the arsenic removal system to the cemetery property line by Mold N Graphics. This new sewer line will allow resident and commercial properties to hook up to municipal sewer service in that area. The survey is done and the design work is almost completed. I hope to have a set of plans and bid specs by the end of October 2009.
11-01-09 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. SWI has designed a new sewer line from the arsenic removal system to the cemetery property line by Mold N Graphics. The survey, design work, and bid specs are completed and we have submitted a permit application and plans to Yavapai County for their review. The next step is to have Council approve putting the project out for bid.

12-01-09 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. SWI has designed a new sewer line from the arsenic removal system to the cemetery property line by Mold N Graphics. The survey, design work, and bid specs are completed and we have submitted a permit application and plans to Yavapai County for their review. After receiving comments from the County and updating the plans the next step is to secure the necessary easements for the sewer line and the telephone line. We will then prepare a Staff Report and request Council approval before putting the project out for bid.
1-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line survey, design work, and bid specs are completed and we have submitted an NOI To Discharge to Yavapai County for their review. After receiving the NOI 2-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line survey, design work, and bid specs are completed and we have submitted an NOI To Discharge to Yavapai County for their review. We have received the Approval to Construct from Yavapai County and are in the process securing the necessary easements. I will prepare a Staff Report for Council updating them on the project and bid progress.
3-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line survey, design work, bid specs, and NOI To Discharge have been approved by Yavapai County. We have received the Approval to Construct from Yavapai County and have secured the necessary easements.
4-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line design plans and NOI To Discharge have been approved by Yavapai County and we have received the Approval to Construct from Yavapai County. We are securing the necessary easements for the phone line and are waiting for Parsons (Mojave JOC) to submit their bid.
5-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension cost proposal from Mojave JOC (Parsons) was reviewed and approved by the Council at the April 27, 2010 meeting. Construction should start in May 2010.
6-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension construction was started on June 1, 2010.
7-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension construction was started on June 1, 2010 and as of July 1, 2010 is approximately 55% complete.
8-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension construction was started on June 1, 2010 is currently approximately 80% complete with the balance of work to be completed by August 12, 2010.
9-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension construction was completed by August 12, 2010. We are currently awaiting the Approval to Operate from Yavapai County to put the new system on-line.

10-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new sewer line extension construction was completed by August 12, 2010. We have received the Approval to Operate from Yavapai County and have put the new system on-line.
11-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new Old Jerome sewer line extension was put on-line and the daily water system operations and week end operator runs staff time has been reduced due to this installation.
12-01-10 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding. The new Old Jerome sewer line extension was put on-line and the daily water system operations and week end operator runs staff time has been reduced due to this installation.
1-01-11 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding.
2-01-11 – No further progress on reclaimed water master plan or wastewater treatment plant design or funding.

Priority	Issue	Action Steps	Due Date	Assigned To	Comments
1	**Water System Improvements**	**Arsenic Removal System Lower Clarkdale Water Line Replacement Project Mescal Well**		**Utilities**	

01-01-09 – Arsenic removal system up in early December 2008. Note: this system is ready to be put on-line once the high flows and pressure issues with the Mt. Gate well are addressed. Preparing an RFP for a variable frequency drive (VFD) for the Mt. Gate well. This VFD will eliminate the need to install a PRV/surge relief unit on the Mt. Gate well line and address the flow and pressure problems. Working with ADEQ and Fann Engineering to prepare a water system evaluation.

02-01-09 – Operation of the arsenic removal system is on-hold until a variable frequency drive is installed on the Mt. Gate well. Note: this system is operational and is ready to be put on-line once the high flows and pressure issues with the Mt. Gate well are addressed. Preparing an RFP for a variable frequency drive (VFD) for the Mt. Gate well. Working with ADEQ and Fann Engineering to prepare a water system evaluation. Requesting pricing for emergency water main replacement in certain areas in the Lower Town section of Clarkdale. Numerous water main breaks in those areas have elevated the replacement of certain section of water mains to an emergency status.

03-01-09 – Operation of the arsenic removal system is on-hold until a variable frequency drive is installed on the Mt. Gate well. Note: this system is operational and is ready to be put on-line once the high flows and pressure issues with the Mt. Gate well are addressed. Preparing an RFP for a variable frequency drive (VFD) for the Mt. Gate well. Working with ADEQ and Fann Engineering to prepare a water system evaluation. Requesting pricing for emergency water main replacement in certain areas in the Lower Town section of Clarkdale. Numerous water main breaks in those areas have elevated the replacement of certain section of water mains to an emergency status.

04-01-09 – Operation of the arsenic removal system is on-hold until a variable frequency drive is installed on the Mt. Gate well. Note: this system is operational and is ready to be put on-line once the high flows and pressure issues with the Mt. Gate well are addressed. Preparing an RFP for a variable frequency drive (VFD) for the Mt. Gate well. Working with ADEQ and Fann Engineering to prepare a water system evaluation. Requesting pricing for emergency water main replacement in certain areas in the Lower Town section of Clarkdale. Numerous water main breaks in those areas have elevated the replacement of certain section of water mains to an emergency status.

05-01-09 – The arsenic removal system will be put on-line the week of 5/4/09 due to above limit regulatory sample results for the first quarter of 2009. Note: These sample results were not received until from the lab until the third week of 4/09. This system is being run without the variable frequency drive (VFD) as the Town works through the legal process with the Empire Bond Company. Working with ADEQ and Fann Engineering to prepare a water system evaluation. Requesting pricing for emergency water main replacement in certain

areas in the Lower Town section of Clarkdale. Numerous water main breaks in those areas have elevated the replacement of certain section of water mains to an emergency status.

06-01-09 The arsenic removal system is operational and has been on-line since 5/4/09. The Utilities Department is completing final preparations to take over the operations and maintenance of the Town's Water System on 7/1/09.

07-01-09 Contacted SWI Engineering to finish the plans and prepare the bid documents for the installation of a sewer main extension from 89A to the arsenic system backwash tank. Contacted Wildan Engineering to discuss cost estimates and the phasing of the Lower Town Water Main Replacement Project.

08-01-09 Contacted Grand Canyon Pump to discuss the purchase of a variable frequency drive (VFD) for the Mountain Gate well. We are exploring the possibility of installing the VFD in-house. Working on replacing several hydrants that are damaged or not in service. The Utilities will be replacing approximately 10 hydrants. Blue Staking is just about complete in Lower Clarkdale for the Lower Clarkdale Water Main Replacement project. Reviewing proposals received from survey companies for the survey work on the Lower Clarkdale Water Main Replacement project. Received Grand Canyon Pump quote for $2,625.00 to upgrade the booster station and pneumatic system for the Panorama Drive area. Global Water preparing a field test for AMR system. Fann Environmental has completed the Water System Evaluation for ADEQ. This evaluation will be used to prioritize system projects and update the Emergency Operations Plan.

09-01-09 Sent out a Request for Quotes for the purchase of a Danfoss variable frequency drive (VFD) for the Mountain Gate well. We will be installing the VFD in-house. Ordered fittings and new hydrants to replace several hydrants that are damaged or not in service. The Utilities will be replacing approximately 10 hydrants as part of this project. Blue Staking continues in Lower Clarkdale for the Lower Clarkdale Water Main Replacement project. After reviewing proposals received from survey companies for the survey work on the Lower Clarkdale Water Main Replacement project the survey work has been awarded to SWI. SWI has scheduled the Lower Town survey work to start 9/3/09. Global Water is preparing a field test for AMR system. Fann Environmental has completed the Water System Evaluation for ADEQ and we are waiting to receive our copy of the evaluation and recommendations from ADEQ. This evaluation will be used to prioritize system projects and update our Emergency Operations Plan.

10-01-09 We have ordered a Danfoss variable frequency drive (VFD) for the Mountain Gate well from Grand Canyon Pump. Upon equipment delivery, scheduled around the middle of October, we will be installing the VFD in-house. The Utilities Department replaced two hydrants from the Fire Department's "out of order" list in September 2009. SWI completed locating the existing utilities in Lower Clarkdale for the Lower Clarkdale Water Main Replacement project and I am working with Wildan Engineering to develop plans for the project. I am waiting for final pricing on meters from Global Water prior to authorizing a trial field test for an AMR system. Fann Environmental has completed the Water System Evaluation for ADEQ and we have received our copy of the evaluation and recommendations from ADEQ. There were no unexpected surprises or recommendations outlined in the system evaluation. We will use this system evaluation to prioritize system projects and update our Emergency Operations Plan.

11-01-09 The Danfoss variable frequency drive (VFD) for the Mountain Gate well was installed at the end of October and is operational. SWI received approval to extend the scope of their services and locate the existing utilities along Third North St. to Rincon Dr. and along

Vista Lane in Lower Clarkdale. Wildan Engineering is developing plans for the Lower Clarkdale Water Main Replacement Project using SWI's survey work. Global Water has scheduled on November 10, 2009 to replace twenty five (25) meters as part of the AMR system test project, a collector will also be installed on the Club House roof. I have schedule to meet with Fann Environmental on November 10, 2009 to start work on the Water System Energy Audit for ADEQ.

12-01-09 SWI has located the existing utilities along Third North St. to Rincon Dr. and along Vista Lane in Lower Clarkdale as part of our approval for SWI to provide additional services. Wildan Engineering is developing plans for the Lower Clarkdale Water Main Replacement Project using SWI's survey work. On November 10, 2009 Global Water replaced twenty five (25) meters as part of the AMR system test project; a collector will also be installed on the Club House roof. I met with Fann Environmental on November 10, 2009 to start work on the Water System Energy Audit for ADEQ.

01-01-10 Wildan Engineering is working on the plans and bid specs for the Lower Clarkdale Water Main Replacement Project. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates.

02-01-10 Wildan Engineering is completing the plans and bid specs for the Lower Clarkdale Water Main Replacement Project. The plans should be submitted to Yavapai County in early February 2010 for their review. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates.

03-01-10 Wildan Engineering has completed the plans and bid specs for the Lower Clarkdale Water Main Replacement Project. The plans were submitted to Yavapai County in early February 2010 for their review and we are awaiting their comments. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates.

04-01-10 Wildan Engineering has completed the plans and bid specs for the Lower Clarkdale Water Main Replacement Project. The plans were submitted to Yavapai County in early February 2010 for their review. Based on the County's comments Willdan has revised the plans we will make a 2nd submittal for review to Yavapai County in early April 2010. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates.

5-01-10 Wildan Engineering has completed the plans and bid specs for the Lower Clarkdale Water Main Replacement Project and we have made a submittal for review to Yavapai County on April 19, 2010. We have scheduled a pre-bid meeting with Parsons, from the Mojave JOC, for May 12, 2010 to discuss the plans and tour the project area. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates after we review the cost proposal.

06-01-10 Wildan Engineering has completed the plans and bid specs for the Lower Clarkdale Water Main Replacement Project and we will make a 2nd submittal for review to Yavapai County on June 16, 2010. We held a pre-bid meeting with Parsons, from the Mojave JOC, on May 12, 2010 to discuss the plans and tour the project area. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates after we review the cost proposal.

07-01-10 Wildan Engineering has completed the plans and bid specs for the Lower Clarkdale Water Main Replacement Project and we will made a final submittal for review to Yavapai County at the end of June 2010. We expect to receive an Approval to construct by the middle of July 2010. We have held several pre-bid meeting with Parsons and Wildan Engineering during June 2010 to discuss the plans

and the preliminary cost estimate for the project. We expect Parsons to submit their preliminary cost estimate the first week of July 2010. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates after we review the cost proposal.

08-01-10 The completed plans and bid specs prepared by Wildan Engineering for the Lower Clarkdale Water Main Replacement Project were given final approval by Yavapai County who issued the Approval to construct by the middle of July 2010. Parsons submitted their preliminary cost proposal the week of July 12, 2010 and we asked Parsons for clarification on several items. A meeting with Wildan Engineering and Parsons is scheduled for August 9, 2010 to review the updated cost proposal. We will be scheduling public meetings with area residents to solicit comments, provide project information, and provide status updates after we review the updated cost proposal.

09-01-10 The completed plans and bid specs for the Lower Clarkdale Water Main Replacement Project were prepared by Wildan Engineering. Yavapai County issued the Approval to construct in July 2010. Parsons submitted their preliminary cost proposal on July 12, 2010 which was reviewed by the Town and Wildan Engineering. On August 31, 2010 the Town Council approved an increase on the $1,000,000 Mohave JOC project limit to $1,600,000, and approved the Parsons cost estimate of $1,383,396 for the LTWMRP. We have scheduled two public meetings, on September 13, 2010 and September 27, 2010, with area residents to solicit comments, provide project information, and provide status updates after we review the updated cost proposal.

10-01-10 We held two public meetings, on September 13, 2010 and September 27, 2010, with area residents to solicit comments, provide information about the LTWMRP. Construction was started on 9/29/10 along Vista Lane.

11-01-10 The LTWMRP Phase 1 is approximately 80% complete. Phase 1 represents 38% of the total linear footage of water mains for the entire project. We have scheduled a public meeting on November 15, 2010 with Phase 2 area residents to solicit comments, provide project information, and provide project status updates. No further progress on putting the Mescal well on-line.

12-01-10 The LTWMRP Phase 1 is complete except for the individual connections to the customer's existing service lines which will be done after receiving the Approval to Operate from Yavapai County. Approximately 80% of Phase 1 has been tested and submitted to Yavapai County for the Approval to Operate, the remaining 20% of Phase 1 will be tested and submitted to Yavapai County in early December 2010. Phase 1 represents 38% of the total linear footage of water mains for the entire project. The contractor has started work on Phase 2 and has installed approximately 20% of the water mains and service taps. We held a public meeting on November 15, 2010 with Phase 2 area residents to solicit comments, provide project information, and provide project status updates.

No further progress on putting the Mescal well on-line. As soon as the contractor for PTM gets approval for the flood control structures in Mescal Wash we will flush Mescal well into the wash and collect baseline water quality samples for designing an arsenic removal system for Mescal well.

1-01-11 The LTWMRP Phases 1, 2 & 3 are complete except for the individual connections to the customer's existing service lines which will be done after receiving the Approval to Operate from Yavapai County. Approximately 60% of the project has been tested and submitted to Yavapai County for the Approval to Operate.

No further progress on putting the Mescal well on-line. We will schedule to flush Mescal well and collect baseline water quality samples in February 2011. The results from those water quality samples will be used to design an arsenic removal system for Mescal well.
2-01-11 The LTWMRP Phases 1, 2 & 3 are complete except for the individual connections to the customer's existing service lines which will be done after receiving the Approval to Operate from Yavapai County. Phase 4 has been started and approximately 80% of the project has been tested and submitted to Yavapai County for the Approval to Operate.
No further progress on putting the Mescal well on-line. We have rescheduled to flush Mescal well and collect baseline water quality samples in March 2011, we were unable to coordinate flushing and testing the well in February 2011. The results from those water quality samples will be used to design an arsenic removal system for Mescal well.