

**Arroyo Colorado Agricultural Nonpoint Source Assessment
FY 06 CWA 319(h)
TSSWCB Agreement No. 06-10-07-05**

Quarter no. 3 From 7/01/07 Through 9/30/07

I. Abstract

The Ag Monitoring Oversight Committee (the Ag Issues Workgroup) met for the first time on July 24, 2007. This was essentially the kick off meeting of this effort to the public. At this meeting, the QAPP was provided to the group for comment and given no comment, TWRI submitted the QAPP to TSSWCB. TWRI anticipates approval of the QAPP during the next quarter so that monitoring efforts may be initiated. The LULC map will be updated and monitoring and evaluation of BMPs will be initiated immediately upon approval of the QAPP by the TSSWCB and EPA. Also, Temple personnel visited the valley during this quarter and gathered vital information to begin their work on task 3.

II. Overall Progress and Results by Task

TASK 1: Project Coordination and Administration

Subtask 1.1: TWRI will organize an Ag Monitoring Oversight Committee to coordinate project efforts with all project participants. This Committee will be composed of TAES, TAMUK, TCE, TCEQ, TDA, Texas Sea Grant, TSSWCB, Nueces River Authority, producer groups, irrigation districts, and drainage districts. This Committee will meet at least semi-annually to discuss project status, provide input on monitoring design, coordinate project activities, and coordinate monitoring efforts with educational activities.

The following actions have been completed during this reporting period:

- a. The Arroyo Colorado Watershed Partnership Ag Issues Workgroup met on July 24, 2007 from 9:00 am till noon at the TAMU-Kingsville Citrus Center in Weslaco. Minutes from this meeting are included in Appendix A.
- b. The draft QAPP was presented to the Ag Issues Workgroup for their review. No comments were received at the meeting so the QAPP was submitted as written.

24% Complete

Subtask 1.2: TWRI will prepare electronic quarterly reports for submission to the TSSWCB. All progress reports will be provided to the Ag Monitoring Oversight Committee [Final report provided under Task 8].

The following actions have been completed during this reporting period:

- a. Submitted Year 1, Quarter 3 Report on October 15, 2007.

24% Complete

Subtask 1.3: Monitoring results will be transferred to TCE and TAES for development of educational materials and presentation to stakeholders. Based on the results of the monitoring, TCE will hold workshops demonstrating the impacts of implementing BMPs in the watershed and coordinate periodic meetings of ag producers to bring awareness concerning the impact of the drainage ditches on the mitigation of pollutants from the fields (the educational activities are funded under a FY05 project).

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

Subtask 1.4: TWRI will attend meetings with the TSSWCB project manager and other meetings, as needed, to review project status, deliverables, etc. During quarters when no Ag Monitoring Oversight Committee are scheduled, TTVN meetings will be conducted with project participants to discuss project activities, project schedule, lines of responsibility, communication needs, and other requirements

The following actions have been completed during this reporting period:

- c. TWRI and TSSWCB met during the Arroyo Colorado Watershed Partnership Ag Issues Workgroup meeting on July 24, 2007.

20% Complete

Subtask 1.5: TWRI will participate in Arroyo Colorado Partnership and Arroyo Colorado Agricultural Issues Work Group Meetings.

The following actions have been completed during this reporting period:

- a. TWRI presented the status of the Ag Assessment project to both the Ag Issues Workgroup and the Arroyo Colorado Partnership Steering Committee meeting on July 24, 2007.

15% Complete

Subtask 1.6: TWRI will submit appropriate Reimbursement Forms.

The following actions have been completed during this reporting period:

- a. TAES submitted an invoice in the amount of \$20,018.05 covering all TAES expenses to July 31, 2007.

24% Complete

Subtask 1.7: TWRI will develop (Months 1-3), host and maintain (Months 3-36) an internet website for the dissemination of information on educational, monitoring and demonstration activities taking place across the Arroyo Colorado watershed. Website delivery of information will be the most time and cost effective way to disseminate information to interested people or groups.

The following actions have been completed during this reporting period:

- a. TWRI obtained all of the files from Texas Sea Grant for the existing Arroyo Colorado Web site. Also, TWRI submitted a request to transfer the domain name to the TWRI server. The site, <http://www.arroyocolorado.org> is currently operating on the TWRI server. Information on the Ag assessment project as well as all other ongoing Arroyo Colorado projects will be posted to the site during the next quarter.

15% Complete

TASK 2: Compilation and Evaluation of Prior Studies and Data

Subtask 2.1: TWRI, with assistance from members of the Ag Monitoring Oversight Committee, will compile historical water quality data and information from previous studies and conduct a detailed analysis of the most significant water quality parameters to investigate the trends and the different biological and physical process taking place in the watershed that contribute to changes in water quality in the Arroyo

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

Subtask 2.2: TWRI, with assistance from members of the Ag Monitoring Oversight Committee, will organize the results from the earlier non-point source pollution projects conducted in the Arroyo Colorado watershed and summarize the results and conclusions of these studies.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

Subtask 2.3: TWRI, with assistance from members of the Ag Monitoring Oversight Committee, will identify critical data gaps that should be filled.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

Subtask 2.4: TWRI will transfer results to TCE to be used to develop educational material through the FY05 Arroyo Education Project.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

TASK 3: Inventory Conservation Practice Implementation

Subtask 3.1: TAES-Temple, with assistance from TCE, USDA-NRCS, USDA-FSA, the TSSWCB Harlingen Regional Office, and the SWCDs, will identify all producers in the watershed.

The following actions have been completed during this reporting period:

- a. TSSWCB-Harlingen, is compiling all of the producers that adopted BMPs since 2002 as previous studies went contained data from 1999 thru 2002. Information will be received the next quarter.

30% Complete

Subtask 3.2: TAES-Temple, with assistance from TCE, USDA-NRCS, USDA-FSA, the TSSWCB Harlingen Regional Office, and the SWCDs, will compile information on the location and types of Conservation Practices implemented in the Arroyo Colorado Watershed since 1995. This will include, but not be limited to, practices implemented through the Environmental Quality Incentives Program (EQIP) and the Water Quality Management Plan (WQMP) Program.

The following actions have been completed during this reporting period:

- a. TSSWCB is compiling a list of the specific BMPs adopted from 2002. Information will be received the next quarter

30% Complete

Subtask 3.3: TAES-Temple will assemble a geo-referenced database and develop a map (hard copy and electronic) displaying conservation practice implementation information collected in Subtask 3.2.

The following actions have been completed during this reporting period:

- a. TDA (Edinburg) will provide detailed aerial photos of the watershed that can be overlaid with the geo-referenced database of implemented BMPs. This will be worked on during the next quarter.

20% Complete

Subtask 3.4: TAES-Temple will transfer the information from Subtask 3.1 and Subtask 3.3 to TCE for use in targeting educational activities.

The following actions have been completed during this reporting period:

- a. Plans to coordinate this transfer will be discussed during the next quarter once all of the data and information is received.

0% Complete

Subtask 3.5: TAES-Temple will identify areas needing priority implementation work through correlation with Task 4 and the results from Tasks 6-9.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

TASK 4: Update Land Use/Land Cover Data

Subtask 4.1: The Spatial Sciences Lab (SSL) will obtain 1998 LULC for the Arroyo Colorado Watershed from TCEQ and all data used to produce it. Coordinate with TPWD and the Habitat Work Group to obtain relevant recent LULC data. Identify the major changes from 1998 to 2005.

The following actions have been completed during this reporting period:

- a. Data obtained in quarter 2:
 - NPDES permits were downloaded from the EPA Permit Compliance System website. Data downloaded included: air emissions, hazardous waste, toxic release, waste water facilities, waste water NHD locations, water dischargers and multi activity sites.
- b. Data obtained in quarter 3:
 - 2001 National Land Cover Dataset was obtained from U.S. Geological Survey.
 - National Wetlands Inventory (NWI) data obtained from the U.S. Fish and Wildlife Service, Division of Habitat and Resource Conservation. This data will be used in the locating of wetland areas in the watershed and to properly represent the type of wetlands found.
 - The Strategic Mapping Program (StratMap) data was obtained from Texas Natural Resource Information System (TNRIS) for transportation. The StratMap statewide transportation dataset is a publicly available digital data layer which serves as a cartographic product for seamless basemap production. All major highways, railways and airports will be located using this data.

33% Complete

Subtask 4.2: SSL will obtain 2003 LANDSAT ETM+ Data, Path 26/ Row 42 and Path 27/ Row 42. Proceed to image classification at a level equivalent to the MRLC classification to level 2.

The following actions have been completed during this reporting period:

- a. LANDSAT data was received during quarter 2 from Bryan Crook of USDA FSA. Path/Row/Quad 271/054/B was dated 7/16/06. The imagery includes bands 2, 3, 4 and 5.
- b. LANDSAT data was resized on all bands to a buffered border of the watershed boundary. Several different variations of unsupervised classifications have been made on all the bands of the data.

33% Complete

Subtask 4.3: If available, SSL will obtain applicable digital data on cropland from USDA – FSA and add up to level 2 classification.

The following actions have been completed during this reporting period:

- a. Digital data on croplands and crop history from USDA FSA was gathered in quarter 3 from Bryan Crook. This data contains up to date Common Land Unit (CLU) boundaries and crop history for each CLU from 2004 - 2007

33% Complete

Subtask 4.4: If available, SSL will obtain digital location data on citrus production from USDA-APHIS and add up to level 2 classification.

The following actions have been completed during this reporting period:

- a. Data on citrus production from USDA-APHIS was obtained in quarter 3 from David Bartels. This data contains the locations of citrus being grown, management status of each orchard and variety of citrus being grown.

33% Complete

Subtask 4.5: If available, SSL will obtain digital data on locations of sugarcane fields from sugar mill and add up to level 2 classification.

The following actions have been completed during this reporting period:

- a. Sugarcane field data was obtained in quarter 2 from Sam Gonzales, the Agricultural Services Coordinator of Rio Grande Valley Sugar Growers Inc.

33% Complete

Subtask 4.6: SSL will obtain 2004 1m DOQ for Cameron, Hidalgo and Willacy counties. Improve the level 2 classification to a level 4 classification by manual digitalization.

The following actions have been completed during this reporting period:

- a. 2004 NAIP imagery was pulled during quarter 2 from the archive of the Spatial Sciences Laboratory.

33% Complete

Subtask 4.7: SSL will obtain most recent digital data from irrigation districts and add up to level 4 classification.

The following actions have been completed during this reporting period:

- a. Irrigation districts, irrigation networks and water storage were obtained in quarter 2 from Irrigation District Engineering and Assistance Program.
- b. Yearly crop yield data was received in quarter 2 from UID, CCID#2 and Harlingen IDCC#1 irrigation districts. Many others were contacted with no return response.

33% Complete

Subtask 4.8: SSL will obtain 1998 tile drainage data and if available, obtain updated data from TSSWCB and TCE.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time. SSL is still having difficulty in obtaining tile drainage data.

5% Complete

Subtask 4.9: SSL will obtain 1998 data on colonia and if available, obtain updated data from TWDB. Superpose colonia data to level 4 classification.

The following actions have been completed during this reporting period:

- a. During quarter 2, colonia location data was sent by David Falk, Chief, Legal and Technical Support Division of the Texas Office of Attorney General.

33% Complete

Subtask 4.10: SSL will obtain 1998 data on non-colonia septic systems and if available, obtain updated data from Lower Rio Grande Valley Development Council (LRGVDC). Superpose non-colonia septic systems data to level 4 classification.

The following actions have been completed during this reporting period:

- a. No response has been received from the LRGVDC.

5% Complete

Subtask 4.11: SSL will obtain 1998 data on land Application and if available, obtain updated data from NPDES Permits. Superpose land application data to level 4 classification.

The following actions have been completed during this reporting period:

- a. Land Application data was sent during quarter 2 by Stephanie A. Saldana from Water Quality Assessment, Water Quality Division of TCEQ.

33% Complete

TASK 5: Develop Quality Assurance Project Plan

Subtask 5.1: TWRI will develop a Quality Assurance Project Plan (QAPP) that will detail project goals and objectives relating to water quality monitoring activities; identify the data needed to fulfill those objectives; list field and laboratory methods; describe procedures and schedules to be followed; and specify a data management structure and the quality assurance protocols.

The following actions have been completed during this reporting period:

- a. TWRI presented the draft QAPP to the Arroyo Ag Issues Workgroup on July 24 for their comments. No comments were provided.
- b. TWRI submitted the QAPP to TSSWCB on August 2, 2007 for review.
- c. TSSWCB contacted TWRI regarding the laboratory methodology listed for several parameters. The following methods are not EPA recognized and need to be changed before TSSWCB will submit the QAPP to EPA: HACH 8038 for Ammonia-N, HACH 8171 for nitrate/nitrite- N, HACH 8048 for ortho P, HACH 8190 for total P, and HACH 8043 for BOD.
- d. TWRI will change the laboratory methods and submit a revised QAPP and new signature pages to TSSWCB in the next quarter.

70% Complete

Subtask 5.2: TWRI will provide annual revisions and necessary amendments to the QAPP to the TSSWCB and EPA.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

TASK 6: Perform Sub-Watershed Monitoring and Measure Pollutant Attenuation in Drainage Ditches

Subtask 6.1.1: TAMUK will perform routine monthly grab sampling at four drainage ditch sites.

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

5% Complete

Subtask 6.1.2: TAMUK will periodically operate automated samplers and water-level recorders at all four drainage ditch sites to characterize the effects of run-off generated by high storm flow pulses.

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

0% Complete

Subtask 6.1.3: Stage-discharge relationships will be developed, maintained and updated, as necessary, for all drainage ditch sites.

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

5% Complete

Subtask 6.1.4: TAMUK will conduct routine general maintenance of all automated sampling and water level equipment to help ensure that these instruments will operate properly during storm flow conditions.

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

0% Complete

Subtask 6.1.5: TAMUK will develop a report summarizing the monitoring data.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

Subtask 6.2.1: In coordination with the sub-watershed monitoring sites discussed in Task 6.1, TAMUK, with assistance from TAES, will assess nitrogen and phosphorous mitigation processes in drainage ditches.

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

5% Complete

Subtask 6.2.2: TAMUK, with assistance from TAES, will develop a suite of suitable BMPs that incorporates the information obtained from the investigation of agricultural drainage ditches described in Subtask 6.2.1 above.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

TASK 7: Evaluate BMPs to Reduce NPS Pollution at the Farm Level

Subtask 7.1: Selection of sites. Texas Cooperative Extension (TCE), Texas Agricultural Experiment Station-Weslaco (TAES-Weslaco), and Texas A&M University-Kingsville (TAMUK) will select suitable demonstration sites to assess loadings from agricultural runoff and leachate produced by different BMPs and compare traditional practices with innovative BMP for the three (3) most representative crops of the watershed. Six (6) representative sites will be characterized and physical characteristics of such as topography, soil texture, salinity and fertility levels, water quality and crops will be obtained and evaluated

The following actions have been completed during this reporting period:

- a. Six sites have been selected and included in the QAPP.

100% Complete

Subtask 7.2: Installation of sensors. Flow meters, rain gauges, piezometers, soil water sensors will be installed by TAES-Weslaco in the demonstration sites

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

0% Complete

Subtask 7.3: Collection and analysis of Data. Runoff and leachate samples will be collected by TAES-Weslaco for the different practices and laboratory analyses will be performed to determine agricultural loadings such as nutrients and solutes. BMPs and traditional practices will be compared economically and their relationship with nutrient loadings will be established

The following actions have been completed during this reporting period:

- a. Awaiting approval of QAPP.

0% Complete

Subtask 7.4: Field Days and Result Demonstrations. TCE will conduct one field day and one result demonstration per year to demonstrate and transfer the result to farmers and interested persons. Newspaper and communications media will be used to divulge the results

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

TASK 8: Develop Final Report

Subtask 8.1: TWRI, with assistance from TAES and TAMUK, will prepare final report for submittal to the TSSWCB.

The following actions have been completed during this reporting period:

- a. Nothing to report at this time.

0% Complete

III. Projected Work for Next Quarter

- None to report at this time

IV. Related Issues/Current Problems and Favorable of Unusual Developments

Task 1

- Year 1, Quarter 4 Report will be submitted.
- The Arroyo Colorado website is expected to be updated and up and running next quarter.
- Host a meeting with all project personnel to discuss project activities.

Task 2

- Work will be initiated to gather and evaluate prior studies and data.

Task 3

- All data will be received and this information will be compiled to be shared with TCE and other project personnel.

Task 4

- Upon approval of the QAPP, the collected data will be modified accordingly and merged together to create a preliminary draft of the LULC map.

Task 5

- Revised QAPP will be submitted to the TSSWCB for submission to EPA.

Task 6

- Upon approval of the QAPP, sub-watershed monitoring will commence.

Task 7

- Upon approval of the QAPP, BMP evaluation will commence.

APPENDIX A

Meeting Summary

Arroyo Agricultural Issues Work Group Meeting July 24, 2007, 9:00 am – 12:00 noon

Attendance

- Ray Prewett – Texas Citrus Mutal
- Donald Thompson – Local Farmer
- Brad Cowan – TCE
- Os Longoria - NRCS
- Richard Eyster – TDA
- Laura De La Garza – TWRI
- Andy Garza – TSSWCB
- Gabrio ? - NRCS
- Jason Pinchback – Texas Watch
- Xavier Peries - TAES
- Brian Jones – Farmer
- Kevin Wagner – TSSWCB
- Aaron Wendt – TSSWCB
- Pamela Casebolt – TSSWCB
- Eduardo Mendez – TSSWCB
- Brad Lamb – EPA Region 6
- Fred Moore – EPA Region 6
- Ruben Saldana - TCE

Welcome and Introductions – Andy Garza:

Mr. Garza opened the meeting at 9:20 am, welcomed the group and introductions were made.

Arroyo Colorado Watershed Protection Plan (ACWPP) – Aaron Wendt:

Aaron review the agreed upon agricultural components of the ACWPP; that the goal is the reduction of agriculture contributions to BOD, total nitrogen, phosphorus, and sediment entering the Arroyo Colorado. Through volunteer adoption of agricultural best management practices he stated that by 2010 the goal is to have approximately 100,000 acres under water quality management plans; 150,000 acres by 2015. Aaron said to do that technical and financial assistance would be required along with additional monitoring.

Kevin asked Brad Lamb about the status of the ACWPP in regards to EPA's final approval. Brad said that the jury is still out and he was here today to see what is going on.

Watershed Protection Plan Implementation Status – Laura De La Garza

Laura reviewed ongoing activities of the Habitat Work Group and the Outreach and Education Work Group. Three pre-proposals have been drafted for Coastal Management Program grants. One was for a feasibility/site suitability analysis for a regional wetland system to help achieve the main goal of the Habitat Work Group to develop a regional wetland system.

Two additional pre-proposals were written for educational activities. Ongoing O&E projects included the making of a 3 feet x 7 feet physical watershed model, the establishment of a volunteer monitoring program with Texas Watch, and the Texas GreenScapes compost program. Laura said that a Wastewater Infrastructure Work Group meeting will be soon scheduled and that nominees for a new work group leader are being solicited.

Best Management Practice Implementation – Andy Garza:

Andy reviewed some of the BMPs being implemented in the watershed. He said that 335 water quality management plans covering 34,000 acres have been processed using TSSWCB 319 funds. This in combination with NRCS EQIP contracts has resulted in development of a combined total 603 plans covering 61,000 acres.

The 319 project has expended \$1,795,991 for cost-share assistance. Approximately 156,288 feet of irrigation pipeline have been installed and 9,405 acres of irrigation land leveling has been completed.

Ray Prewett asked what the irrigation districts were doing in relation to what is being done. Brad Cowan said that by their irrigation distribution improvements, great head is generated making for more efficient irrigation and less runoff to the drainage ditches and Arroyo.

Kevin asked if we were going to be able to meet this year's goal. Aaron said that that meant 77,000 by the end of this fiscal year. Andy reminded the group that this is a volunteer program and that they are doing the best they can. There was a discussion about the cost share rate; that the one time rule and \$10,000 max limits program participation.

Best Management Practice Education – Cecilia Wagner and Brad Cowan

Cecilia said that they had just submitted a quarterly report and that they were on task except for the hiring of an assistant. Brad said that more than just a student is needed, that an offer was made to a qualified person and he did not accept the position. Brad said that a more competitive salary may be needed.

Brad said that the hiring goal is to multiply extension education in three counties, that that person will be housed in Cameron and Hidalgo offices part of the week. Os Longoria said that he gets a lot of calls for watershed training and that an assistant could help with this.

The following question was asked about Sub-task 2.2. What has been the turn-out for the soil testing campaigns? Enrique Perez said that they have been good. Brad said that he was not sure about funds for fertility testing and that we might need to talk to Mark McFarland about funding needs.

Brad also said that educational events were listed if they had a water quality component and that there is need to develop a PowerPoint presentation with Andy Garza. Andy said that the NRCS has a wealth of information on BMPs.

SWAT Model Simulation of the Arroyo Colorado Watershed - Kevin Wagner

Kevin said that they had just received the contract and that things were just getting rolling. Dr. Narayanan Kannan from the TAES Blackland Research and Extension Center was project lead. The goal of the model is to re-simulate nutrient loading to the Lower Laguna Madre. Aaron said that there have been many changes in the watershed since 1998 and they would use an updated SWAT model to better understand the Arroyo Colorado Watershed.

Agricultural Nonpoint Source Assessment – Kevin Wagner, Dr. Venki Uddameri, and Xavier Peries

Kevin reviewed the purpose of the ag assessment study; that it was to evaluate BMPs and the effects the drainage ditches have on agricultural runoff. The vegetation in the ditches appears to act as a filter but was not accounted for in the previous TMDL model. The assessment includes an updated GIS data base which would identify all ag plan implementation and inventory BMPs. The land use data will be updated; however, project staff is struggling to find tile drain data. Richard Eyster suggested contacting Brian Smith, TCEQ, because the tile drains are considered injection wells according to the TCEQ. Someone suggested contacting the local contractors who install the drains.

Dr. Uddameri discussed his method for monitoring the drainage ditches and that one of the goals was to measure flux during both low flow vs. high flow conditions. Brad asked how many drainage ditches contribute flow to the Arroyo Colorado. Laura said hundreds. Ray Prewett asked how do illegal dumps contribute to the water quality problem. Illegal dumps are associated with oil, bacteria and possible homeowner unused chemicals. Brad said that there is opportunity to work with the counties on this dumping issue. However, part of the problem is existing regulations and lack of convenient dumping locations. This is a statewide problem.

Xavier Peries presented the proposed six sites for the ag BMP study for Dr. Enciso. Kevin asked for comments on site selection. Aaron asked if sites had WQMPs and Andy answered yes. With no objecting comments, Kevin said they will proceed with the six sites. Richard asked if pesticides would be sampled. Kevin answered no.

Aaron asked about future funding needs. Os said that he would like to see the soil sampling continued. Additional funding needs were also identified for education, additional monitoring, and cost-share assistance. There was additional discussion on the one-time rule and the \$10,000 maximum. Aaron asked what a reasonable amount might be and said he would discuss this with Jose Dodier. The elimination of the one-time rule could be sufficient and also increase the maximum to \$25,000 for cost-share assistance.

Brad Lamb said that special emphasis should be placed in targeted areas so that the model could be used to get better numbers. Level 1 and level 2 participation should be identified and refined for more interest.

Ray asked if this work group should send a letter to the TSSWCB. It was suggested that the letters should come from the farmers starting with the ones on the Steering Committee. It was also suggested that Jose Dodier come to the Valley to discuss this issue.

Aaron said that work on the FY08 goal should begin to increase the acres under WQMPs to 77,000.

Next meeting scheduled for the 4th Thursday in October.

Adjourn

DRAFT