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APACHE JUNCTION, AZ 85219

ENVIRONMENTAL PLANNING COMMITTEE

Tuesday, May 27, 2008

10:00 am MST

Central Arizona Association of Governments Administrative Office

1075 S. Idaho Road – Suite 300

Apache Junction, AZ 85219

AGENDA

- I. **CALL TO ORDER** – *Chair Donald Gabrielson*
- II. **ROLL CALL & INTRODUCTIONS**
- III. **APPROVAL OF MINUTES** – *March 12, 2008*
Review, Discussion, and Decision
- IV. **NEW BUSINESS**
 - A. CAAG 208 Areawide Water Quality Management Plan Update Amendment for Corrections Corporation of America Eloy Detention Center Expansion (CAAG 208 ID #2008-2) – *J. Peter Armenta*
Review, Discussion, Decision, and Recommendation to the CAAG Management Committee and Regional Council
 - B. Pinal County Water Augmentation Authority (PCWAA) – *Barbara Massey-Nino*
Presentation, Discussion only
- V. **CHAIR'S REPORT**
- VI. **STAFF REPORT**
- VII. **SET DATE, TIME, & LOCATION OF NEXT MEETING**
Wednesday, September 3, 2008
CAAG Administration Office – Apache Junction
- VIII. **OTHER BUSINESS**
- IX. **CALL TO THE PUBLIC**
- X. **ADJOURN**

Approved by

Handicapped individuals with special accessibility needs may contact J. Peter Armenta with the Central Arizona Association of Governments at (480) 474-9300, (800) 782-1445 toll-free, or (480) 671-5252 TTD. If possible, such requests should be made 72 hours in advance.

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PINAL COUNTY: APACHE JUNCTION, CASA GRANDE, COOLIDGE, ELOY, FLORENCE, KEARNY, MAMMOTH, MARICOPA, QUEEN CREEK, SUPERIOR

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AGENDA ITEMS:

NEW BUSINESS:

A. CAAG 208 AWWQMP Update Amendment for Corrections Corporation of America Eloy Detention Center Expansion (CAAG 208 ID #2008-2)

The Corrections Corporation of America (CCA) and their engineers, Valentine Environmental Engineers, have submitted a Draft 208 Amendment for the CCA Eloy Detention Center Expansion. The plan addresses an expansion to the Eloy Detention Center WWTF, which will accommodate changes within the Eloy Detention Center, and the La Palma Correctional Center, currently under planning and construction.

The WWTF is located on a 640 acre parcel owned by CCA. This area will be served by the Eloy Detention Center WWTF, and the previously approved Red Rock WWTF. The service area is institutional in nature, comprised of group quarters and amenities consistent with a correctional center, including common areas. The WWTF is located on the north half of Section 16, Township 7 South, Range 8 East, and its address is 1705 E. Hanna Road, Eloy, AZ.

The proposed expansion will occur in two phases. Phase 1 will expand capacity from 225,000 gpd to 622,000 gpd, which will serve the new La Palma Correctional Center, and its population of 2,300 inmates. Phase 2 will bring the WWTF to buildout, with a total capacity of 900,000 gpd, to accommodate La Palma, and the expansion of the Eloy Detention Center's 2,040 inmates. The total population for both facilities at buildout will be 6,310 inmates.

The WWTF will employ an activated sludge/nitrification-denitrification treatment process. Effluent will be treated to A+ water quality standards. Initially, effluent will be disposed of in evaporation/infiltration ponds previously approved, and currently in use. As capacity expands, the WWTF will reuse effluent for beneficial purposes. Because disposal methods do not reach a Waters of the U.S., an Arizona Pollution Discharge Elimination System (AZPDES) permit will not be sought.

Representatives from the CCA and Valentine Engineering will be available for question or comment.

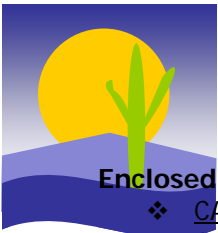
EPC Options:

1. Recommend approval of the plan
2. Recommend denial of the plan
3. Recommend modifications to the plan, and continue through the process
4. Table the technical review

Per EPC recommendation, a resolution will be drafted documenting recommendations throughout the process.

B. Pinal County Water Augmentation Authority (PCWAA)

PCWAA has recently hired Barbara Massey-Nino to be the Director of the Authority. Ms. Massey-Nino will give a brief presentation and take questions from the Committee.



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Enclosed:

- ❖ CAAG Section 208 Area Wide Water Quality Management Plan Amendment; Expansion of the Eloy Correctional Center Wastewater Treatment Plant. March 2008.
- ❖ Staff Report

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**CENTRAL
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ENVIRONMENTAL PLANNING COMMITTEE

Wednesday, March 12, 2008

10:00 am MST

Town of Hayden Council Chambers

520 Velasco Avenue

Hayden, Arizona 85235

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MINUTES

MEMBERS PRESENT

Chair Don Gabrielson, Pinal County Air Quality
Vice Chair Reg Glos, Pinal County Environmental Health
Jake Garrett, Gila County Wastewater Department
LaRon Garrett for Debra Galbraith, Town of Payson
Janet Martin, Town of Queen Creek
Doug Mason, San Carlos Irrigation and Drainage District

MEMBERS ABSENT

Wayne Costa, Town of Florence
Rick Gibson, University of Arizona Cooperative Extension
John Mitchell, City of Eloy

GUESTS PRESENT

Mayor Monica Badillo, Town of Hayden
Laura Romero, Town of Hayden
Bob Loroña, Town of Hayden
Carlos Estrada, Town of Hayden
Candi Hilles, Town of Hayden
Stephen Cooper, Attorney, Town of Hayden
Vice Mayor Nolberto Waddell, Town of Winkelman
Sylvia Kerlock, Town of Winkelman
Steve Stratton, Gila County Public Works
Adam Bliven, Engineering and Environmental Consultants
Julian Kentwell, Copper Basin News
Kevin Louis, City of Casa Grande
Linda Taunt, Arizona Department of Environmental Quality
Anastacia Wyatt, PMC (via teleconference)
Jim Campbell, Burgess and Niple (via teleconference)
Craig Tinney, Arizona Department of Environmental Quality

STAFF PRESENT

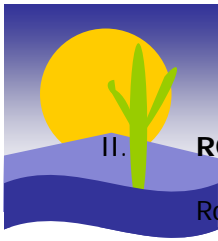
Maxine Leather, CAAG
J. Peter Armenta, CAAG

I. CALL TO ORDER

The Environmental Planning Committee Meeting was called to order at 10:00 am MST by Chair Don Gabrielson.

GILA COUNTY: GLOBE, HAYDEN, MIAMI, PAYSON, STAR VALLEY, WINKELMAN

PINAL COUNTY: APACHE JUNCTION, CASA GRANDE, COOLIDGE, ELOY, FLORENCE, KEARNY, MAMMOTH, MARICOPA, QUEEN CREEK, SUPERIOR



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ROLL CALL & INTRODUCTIONS

Roll was taken, and a quorum was established.

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III. **APPROVAL OF MINUTES** – *November 7, 2007*

Mr. Garrett requested a change to the minutes, referring to his job as Gila County Wastewater Department, rather than Department of Health.

◆ **Motion to adopt the minutes of the November 7, 2007 meeting, with corrections, made by Mr. Jake Garrett. The motion seconded by Mr. Mason. Motion carried unanimously.**

IV. **NEW BUSINESS**

A. ***Environmental Planning Committee Member Appointment***

Mr. Armenta noted that the City of Casa Grande has an application to CAAG to become a DMA. As a request by EPC, all DMAs should place a member on EPC. Mr. Kevin Louis, Public Works Director for the City has volunteered to sit on the Committee.

◆ **Motion to recommend the appointment of Kevin Louis to the Environmental Planning Committee made by Mr. Mason. Motion seconded by Mr. Glos. Motion carried unanimously.**

B. ***Discussion on Hayden/Winkelman Wastewater Consolidation***

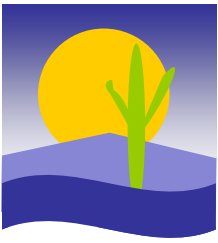
Mr. Armenta introduced the item. In 2003, the Town of Hayden received a Notice of Violation (NOV) from ADEQ, regarding their sewer system. Currently, Hayden collects raw sewage and discharges it into the ASARCO tailings, located just outside Town limits. ADEQ has instructed Hayden to discontinue this practice, and find a solution for this issue. The Town of Hayden, as a way to address the NOV, has come up with a plan to connect into the Town of Winkelman's Wastewater Treatment Facility (WWTF) through a series of gravity and force mains.

Winkelman's WWTF is currently an interconnected array of package plants, with a total capacity of 120,000 gpd, and permitted to discharge B+ effluent into the Gila River. The facility's current flow is approximately 33,000 gpd. Hayden would add approximately 74,000 gpd, for a total of approximately 107,000 gpd, or 89.2% capacity. The Areawide Water Quality Management Plan states that once a facility goes beyond 85% capacity, plans for expansion must occur, thus triggering a 208 amendment.

At the September 5, 2007 EPC meeting, the Committee informed the communities that any new facilities or expansions of existing facilities should make every effort to utilize 100% of the effluent produced for either reuse or recharge into the aquifer. Additionally, if any effluent is to be discharged, it should be of A+ water quality. Although the facility is located within Gila County, waters from the Gila River also flow into Pinal County. This will require both Counties to provide letters of no objection or support as the planning process begins.

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On September 5, 2007, the Towns, engineers from Burgess and Niple, and consultants from PMC approached the Committee to discuss their plans, which included consolidation, connection to the Winkelman WWTF, treating effluent to B+ quality, and discharging into the Gila River. At that time, the Committee reaffirmed its stance on effluent quality, discharges, and water quality within the Region. The Towns of Hayden and Winkelman had requested to meet with the Committee to further explore options.

Anastacia Wyatt, a consultant for the Town of Hayden, made a brief presentation on progress since the meeting, including a note that the Town of Winkelman has decided not to extend an offer to allow Hayden to connect to Winkelman's treatment works, due to a large amount of risk to possibly be taken on by the Town of Winkelman. Also detailed were some possible options that the Town of Hayden is now considering, based on recommendations from engineer Jim Campbell, Burgess and Niple.

The floor was then opened for discussion. The Committee, Ms. Wyatt, Town officials, and Linda Taunt from ADEQ held a discussion on what may be feasible and an accepted solution to the NOV. The discussion also included ways ASARCO is willing or may be willing to assist in the solution. The discussion also included how cost is affecting the decision making process. The cost of developing treatment works, as discussed, could range anywhere from \$700,000 to upwards of \$2.5 million. The Towns currently have some funding available, but would need to find more funding, which is problematic, since some funding sources are close to expiration.

The group then discussed possible options. The Committee, engineers, and others in the group, including ASARCO and Gila County, had proposed various options. Chair Gabrielson had directed staff to compile a list of options discussed in that meeting (this document will be under separate cover). The Chair also asked Ms. Wyatt to review the options and come up with a cost estimate per option.

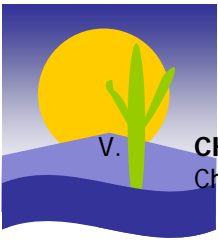
A final discussion was held regarding the Committee's effluent standards. As described in earlier meetings, the Committee has held to all applications that excess effluent is treated to A+ quality, and that beneficial reuse and/or recharge be implemented. A discussion ensued about the feasibility of these standards in this area of the Region. It was mentioned by Stephen Cooper, attorney for the Town of Hayden, that recharge in this area is impractical, since the Globe Equity Act governs water in the area. Recharge would not benefit the communities, since once the water is released into the aquifer or Gila River, that water would be owned by the Gila River Indian Community, and subject to allocations determined by the Globe Act.

This item was for discussion only, and no action was taken.

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V. CHAIR'S REPORT
Chair Gabrielson had no report.

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VI. STAFF REPORT *Serving Gila & Pinal Counties since 1970!*

Staff provided a written report.

VII. SET DATE, TIME, & LOCATION OF NEXT MEETING

The next meeting of the Environmental Planning Committee will be Tuesday, May 27, 10:00 am MST, at the CAAG Conference Room, in Apache Junction.

VIII. OTHER BUSINESS

No other business was discussed.

IX. CALL TO THE PUBLIC

No one answered the Call to the Public.

X. ADJOURN

◆ **Motion to adjourn made by Mr. Mason. Motion seconded by Mr. Jake Garrett.
Meeting adjourned at 12:13 pm MST.**

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STAFF REPORT

- ◆ CAAG's Planning Department is digitizing all new maps, and creating databases of all service areas. This information should be available shortly.

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- ◆ Current 208 Plans in process/planned:
 - Gold Canyon Sewer Company – has submitted a draft and has jurisdictional support – should be on the September agenda
 - B2 Ranch – located near Biosphere 2 in Oracle – has submitted a draft and is seeking jurisdictional support – should be on the September agenda
 - City of Casa Grande DMA – working on a new draft of DMA application – may be on the agenda in November or January 2009.
 - City of Apache Junction DMA – an agreement for land planning has been reached between Apache Junction and Mesa – this should enable Apache Junction to move forward with their DMA and receive jurisdictional support – should be on the January agenda
 - Superstition Mountain Community Facilities District – is dependent upon AJ's DMA application
 - Picacho Cove Utilities Company (Global) – currently on hold
 - Silverbell Army National Guard Heliport – currently on hold

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