

1.0 Welcome and Introductions

Ms. Amy Dean, PMCD, convened the meeting by welcoming the group and beginning introductions; after which, the minutes from the last meeting were reviewed and approved with one change, which can be found in Section 2.0 of the May minutes. That change concerns the official name of the Pueblo facility – Pueblo Chemical Agent-Disposal Pilot Plant (PCAPP). The change will be noted in the final minutes of the May meeting (the previous acronym was PCADPP).

An update to the action items from the May meeting can be found in Sections 9.0 and 10.0 of this document.

2.0 Lagoons

David Knope, CO Department of Health and Environment (CDPHE) provided an update and description of the evaporative lagoons. The lagoons have been designed and are ready to proceed with construction once approved.

At previous meetings, concerns had been expressed about the safety and failure rate of other evaporative lagoons throughout Colorado. Mr. Knope explained that most of these lagoons were very old, the design has not been modified in 40 years, and there are no reinforcements on these. Most of the issues with the older lagoons are due to a lack of adequate sewage drains, which are necessary during rainfall. The new design has improved these features and has a contingency for overflow, which includes an embankment and a collection system.

As Mr. Knope explained, the lagoons are considered domestic sewage facilities, which are not permitted by the State, only approved. EPA does not have any permitting authority over these types of facilities either. Since this is not a regulatory issue, public meetings/review and comment are not officially required. However, the State will need to review and approve a site application, which may provide opportunity for public comment on the lagoons. Mr. Knope cited the State's regulation Number 22. Mr. Scott Susman stated that if the group thinks there will be public concerns, a public review could be conducted, regardless of the regulatory requirements.

Mr. Knope explained that using a mechanical facility may provide more control but would be more complex to operate and require additional monitoring. Mr. Jon Ware stated that to use a mechanical facility may require another EIS process, due to the nature of the facility.

The concerns raised by Ms. Irene Kornelly were that without a permit, there is no required oversight, no required inspection by the State or EPA, and the possibility for

failure seems greater. Mr. Knope indicated that the facility would be required to provide qualified personnel and oversight.

Ms. Erna Waterman, EPA, suggested that if the community wants to make a request for EPA to inspect the lagoons, this is an option. However, she could not guarantee that this would be granted.

Ms. Kornelly raised the issue of odors from the lagoons and Mr. Knope pointed out that there is an issue of odors with any sewage treatment facility, even with a mechanical facility.

Ms. Kornelly indicated that the County Commissioners and the CAC should be briefed on the lagoons in order to get their input and approval. At this time, she is unaware of any formal discussions on this subject by the County Commissioners or the CAC or if any alternative options are being considered by these groups. She also recommended that the lagoons be added to the next CAC agenda and will ensure this is included for the September CAC meeting. Additionally, Mr. Susman will ensure this information is formally presented to the County Commissioners by PMACWA.

3.0 Update on Infrastructure Projects

Mr. Steve Lewis, COE, provided the group with an update on the infrastructure projects.

Communications System

Phase I – Fiber Optical Cable

Status – Complete

Contractor – Martinez International

Phase II – Telephone Utility Building (TUB)

Status – Scheduled completion date is October 2002

Contractor – Faith Enterprises

Water System

Phase I – Pipe, Tank, and Pump House

Status – 10% Complete; scheduled completion date is January 2003

Contractor – Martinez International

Phase II – Repair Wells, Controls

Status – Contract awarded August 2002; scheduled completion April 2003

Contractor – Martinez International

Access Road

Route 3 Upgrade (other roads previously upgraded do not require repairs at this time)

Status – Work will begin 5 August and is scheduled for completion December 2002
Contractor – Alliance General Contractors

Substation/Transmission Line

Status – Contract anticipated to be awarded in August 2002
Contractor – Aquilla, Inc.

PSB/PSB Parking

Status – Scheduled completion is April 2003
Contractor – Contract will be awarded September 2002

Waste Water System

Status – Design is complete; approval needed before work can begin
Contractor – Warden Construction Company

Gas

Status – Scheduled for completion December 2003, to avoid non-usage fees
Contractor – Excel Energy

3.1 Communications System

Ms. Irene Kornelly inquired if the other areas of the depot would be on the same communications system as PCAPP and pointed out that if not, this could cause confusion and have serious implications, for instance with the fire department, emergencies, etc. Mr. Lewis stated that the communications systems for PCAPP does not currently include any connections to the Depot's system and he is unsure of how complicated it will be to have these systems connected. Mr. Doug Knappe, CDPHE, stated that adequate and sufficient emergency communications lines are a permitting requirement. Connecting the systems will need to be coordinated with the Depot, as pointed out by Mr. Scott Susman.

4.0 Update on NEPA Documents

Ms. Amy Dean stated that the Record of Decision (ROD) for Pueblo was signed on 18 July 2002 and the Acquisition Decision Memorandum (ADM) on 16 July 2002. The ROD had not been published at the time of this meeting and is required to be published in the Federal Register before it is released to the public and there is also a notification of Congress requirement. When this information is available, the group will be notified.

5.0 Water Rights and Concerns

Mr. Gary Witt, Wright Water Engineers, Inc., explained the current Colorado water rights, which are prioritized based on the appropriation date of the well(s). The Depot

has eleven wells with an appropriation date of 1942. Four of these eleven wells are proposed as water supply for PCAPP. The remaining 7 wells provide most of the Depot's water needs and are considered potential backup for PCAPP. The Depot's well use is presently augmented by the Colorado Well Protective and Development Association (CWPDA) Rule 14 Augmentation Plan for wells permitted or decreed prior to 1985 (one of the earliest well appropriation dates in the CWPDA portfolio is 1861).

The CWPDA Rule 14 Plans are approved on an annual basis and are at the discretion of the CWPDA. If the current contract is insufficient, the CWPDA plan will require a renegotiated contract, additional costs, and possibly the purchase of additional water rights. Prioritization is at the discretion of the CWPDA and Mr. Witt is uncertain if the decisions are arbitrary or if there is an internal policy driving these decisions.

The existing decree well-use for the Depot, which allows for 152 gpm from the 4 wells designated for the PCAPP and 591 gpm of well use for all 11 wells, is adequate for both the existing demand and the proposed supply for PCAPP. The existing augmentation is based on a yearly approved Rule 14 Augmentation Plan and covers current well use of the Depot for up to 300 AF/yr. The use of Wells 14 – 17 for the supply of the PCAPP will likely require a renegotiated contract with the CWPDA.

It is recommended by Wright Water Engineers to finalize future projections relative to the 300 AF/yr of augmentation provided by the current contract with CWPDA. If future demands are estimated to be more than the 300 AF/yr, discussions with the CWPDA should begin immediately to determine conditions of inclusion in their Rule 14 Augmentation Plan with the expanded use of Wells 14 – 17.

Depending on the conditions imposed by the CWPDA, it is recommended to explore alternate augmentation supply options:

- Negotiate with other providers – CWPDA is not the only group with a portfolio of water rights.
- Explore purchasing additional water rights – this could have a negative perception if the Army purchases water rights, which could affect farms downstream from the facility.
- Filing for an independent augmentation plan – this process should begin immediately, since approval of an independent augmentation plan could take years. Everyone who would be affected by the augmentation must be consulted and agree to the plan.
- Water court – recommended only as a last resort.

6.0 Update on Agricultural Assessment

Mr. Frank Sobolik discussed the outcome of the 31 July Agricultural Assessment Working Group meeting. Discussions were held on the best approach and necessity to conduct a sampling plan. Most issues with the sampling plan centered around protecting confidentiality/anonymity of the property owners and making the findings public. Discussion will continue on how to proceed or if the sampling plan should be conducted at all. Other issues discussed were water, monitoring, and public perception. The next meeting of this group will be held in the October/November timeframe.

7.0 Regulatory Permitting – Path Forward

Ms. Amy Dean encouraged the group to identify what actions are required for the next six months to expedite the regulatory process. Items identified by the group included:

- Part B Permit items for Phase I of the construction
- Memorandums of Understanding (MOUs) – with hospitals, fire departments, etc.
- Non-technical aspects of the enhanced reconfiguration

Mr. Susman stated that initial items can be identified in about 2 – 3 weeks, when the proposals are submitted. However, specifics cannot be addressed until late September after the Systems Contractor has been selected.

Ms. Joan Sowinski will provide a draft outline of the permitting requirements and a list of potential issues for the RD&D permit. Ms. Sowinski will also provide information on the required format. Ms. Sowinski was very clear to point out that the enhanced reconfiguration process would have to be very innovative to be considered part of the RD&D permit, even if it is located in the same building. Enhanced reconfiguration has been done before and it is not in and of itself an innovative approach. Discussion on how to proceed needs to begin right away. Mr. Scott Susman stated that he was unsure if the enhanced reconfiguration will need to be a separate permitting activity or not, depending on how the Systems Contractor proposes to conduct the enhanced reconfiguration.

Other facilities using enhanced reconfiguration are ahead of schedule. Ms. Dean will provide reports on these to the State of CO. Ms. Dean will also provide permit modifications from other sites/facilities to the State.

A human health risk assessment protocol has been provided to the state by PMCD. The information in this report is currently based on the incineration technology and identifies scenarios, details, etc. PMACWA is required to prepare a similar report to reflect the neutralization/biotreatment technology. The substances identified for incineration are

different than the neutralization/biotreatment technology, but the other information will be basically the same.

Ms. Irene Kornelly reported that the County CD had been changed and there were no significant changes made and this document will be ready in October.

8.0 ONC vs MAV Study

Mr. Jon Ware reported that the work on the ONC vs MAV study continues. This report is being prepared by SAIC and is currently in draft form and cannot be released. PMACWA will coordinate with PMCD and SAIC to finalize this report as soon as possible. Steve Burciaga will be asked to provide a briefing on this at the next WIPT meeting.

9.0 Previous Action Items

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| ITEM 30: | Forward detailed environmental sub-schedule to Ms. Lisa Woodward, CDPHE. |
| ASSIGNEE(S): | Ms. Amy Dean, PMCD-EMO; Mr. Jon Ware, PMACWA |
| ORIGINATOR: | Ms. Woodward |
| SUSPENSE: | 7 March 2001 |
| STATUS: | Hold. |
| ITEM 34: | Prepare point of contact listing for potential questions from the Pueblo community. |
| ASSIGNEE(S): | Ms. Jeannine Natterman, CDPHE |
| ORIGINATOR: | Ms. Amy Dean, PMCD-EMO |
| SUSPENSE: | August 2002 |
| STATUS: | Due at the next meeting. |
| ITEM 57: | Continue discussions on the wastewater lagoons. |
| ASSIGNEE(S): | Ms. Amy Dean and Mr. Jon Ware |
| ORIGINATOR: | Ms. Irene Kornelly |
| SUSPENSE: | Early June 2002 |
| STATUS: | Open – Continue discussion on lagoons |
| ITEM 63: | Provide information/data from the SBR at the next WIPT meeting |
| ASSIGNEE(S): | Mr. Gerald Starnes |
| ORIGINATOR: | Ms. Joan Sowinski |
| SUSPENSE: | 24 July 2002 |
| STATUS: | Open |

10.0 New Action Items

ITEM 65: Ensure that the waste water treatment facility (lagoons) is on the September CAC meeting agenda

ASSIGNEE(S): Ms. Irene Kornelly
ORIGINATOR: Ms. Irene Kornelly
SUSPENSE: 5 September 2002
STATUS: Open

ITEM 66: Provide information to the County Commissioners on the waste water treatment facility (lagoons) if they require

ASSIGNEE(S): Mr. Scott Susman
ORIGINATOR: Ms. Irene Kornelly
SUSPENSE: 5 September 2002
STATUS: Open

ITEM 67: Determine if the Depot is tied into the planned communication system for PCAPP and how this can be accomplished, if not.

ASSIGNEE(S): Mr. Scott Susman and Mr. Steve Lewis
ORIGINATOR: Ms. Irene Kornelly
SUSPENSE: Next WIPT meeting
STATUS: Open

ITEM 68: Provide status reports/information on other sites using enhanced reconfiguration

ASSIGNEE(S): Ms. Amy Dean
ORIGINATOR: Ms. Joan Sowinski
SUSPENSE: Next WIPT meeting
STATUS: Open

ITEM 69: Provide permit modifications from other sites to the State

ASSIGNEE(S): Ms. Amy Dean
ORIGINATOR: Ms. Joan Sowinski
SUSPENSE: Next WIPT meeting
STATUS: Open

ITEM 70: Notify the group when the ROD and ADM are available to the public

ASSIGNEE(S): Ms. Amy Dean
ORIGINATOR: Ms. Amy Dean
SUSPENSE: When documents are available
STATUS: Open

- ITEM 71: Finalize Human Health Risk Assessment for Neutralization
Biotreatment technology
ASSIGNEE(S): Mr. Jon Ware
ORIGINATOR: Ms. Sowinski
SUSPENSE: Update at next WIPT meeting
STATUS: Ongoing
- ITEM 72: Submit topics for the next WIPT meeting
ASSIGNEE(S): All
ORIGINATOR: Ms. Amy Dean
SUSPENSE: Mid-September 2002
STATUS: Open
- ITEM 73: Provide briefing on proposed approach of Systems Contractor
ASSIGNEE(S): Mr. Scott Susman
ORIGINATOR: State of Colorado
SUSPENSE: Next WIPT meeting
STATUS: Open
- ITEM 74: Outline permitting requirements and phases for the RD&D
Permit
ASSIGNEE(S): Ms. Joan Sowinski
ORIGINATOR: Mr. Jon Ware
SUSPENSE: Next WIPT meeting
STATUS: Open
- ITEM 75: Briefing on ONC vs MAV at the next meeting
ASSIGNEE(S): Mr. Jon Ware (Mr. Steve Burciaga)
ORIGINATOR: Mr. Jon Ware
SUSPENSE: Next WIPT meeting
STATUS: Open

11.0 Meeting Attendees

Hank Battjes, Merrick Engineers – 303.751.0741

Gary Brewer, US Army – 303.289.0230

Kimberly Collins, ACWA (Horne Engineering) - 410.515.5802

Ellie Crandall, EPA Region 8 - 303.312.6621

Amy Dean, PMCD - 410.436.7030

Dennis Grant, Honeywell/PAI - 970.416.8650

Om Handa, PMCD - 410.436.1424

Missy Holland, US Corps of Engineers – 719.549.4841

Duncan Juergenson, US Corps of Engineers – 719.549.4266

Bill Kelso, Parsons - 303.831.8100

Bob Kennemer, PCD Outreach Office - 719.546.0400

Andy King, ACWA (Jacobs Engineering) - 410.436.7353

Doug Knappe, CDPHE - 303.692.3414

David Knope, CDPHE – 719.545.4650

Terri Knudsen, SBCCOM-PCD - 719.549.4878

Irene Kornelly, Office Pueblo County Commissioners - 719.591.5157

Steve Lewis, US COE - 256.895.1397

Joseph Mashinski – 410.436.5651

Jeannine Natterman, CDPHE - 303.692.3303

Frank Sobolik, CSU Cooperative Extension - 719.583.6566

Joan Sowinski, CDPHE - 303.692.3359

Gerald Starnes, PMACWA - 410.436.3187

Brad Still, PCD - 719.549.4883

Lynn Sturgill, Purity Systems – 303.435.4338

Scott Susman, ACWA - 410.436.5749

Bobby Templin, ACWA (Argonne National Lab) - 303.986.1140

Marilyn Thompson, PCD PAO

Ross Vincent, CDCAC – 719.561.3117

Jon Ware, ACWA - 410.436.2210

Erna Waterman, EPA - 303.312.6762

Michael Wenstrom, EPA

Gary Witt, Wright Water Engineers – 303.480.1700

Lisa Woodward, CDPHE - 303.692.3451