

Canaan Valley Wastewater Meeting
DEP Headquarters
Charleston, WV
10 November 2005

Attending:

Mike Johnson - WV DEP, Kyle May - Perot Systems, Rob Stull - CVI, Sandy Blake -CVI, Kiena Smith - CVI, Jenny Newland - CVI, Ed Winant - CVI, Steven Cole - Woolpert, Jack Fleshman - DEP EE, Elbert N. Morton – WV DEP, Natalie Brown – Lombardo Associates, Patrick Campbell – WVDEP, Richard Pepino – US EPA, Carol Ann Davis, McDonald Smith, Bradley Leslie both from DNR engineering, Yogesh Patel DEP permitting branch, Pio Lombardo – Lombardo Associates, Dennis Stattlemyer – WV DEP.

Welcome / Introductions

Rob Stull, who is the project lead, welcomed everyone to the Wastewater meeting and went over the agenda. Everyone introduced them selves and stated what organization they represent.

Review outcomes from July 28th Stakeholders meeting-

Rob Stull begins the meeting with a review of the outcomes from the July 28th stakeholder meeting. The meeting in July saw in attendance the majority of the plant owners who were representatives from the individual treatment facilities in the valley. The main operator, Keith Teter was represented along with the Public Service District, Hamrick and Public Service Commission. The intent of that meeting was to give people an overview of the project and look into the future of the facilities plans. Pio Lombardo gave a couple of presentations during that meeting. As a result of the July meeting the majority of the wastewater treatment plants in the valley are on board. Lombardo and Associates is in the process of developing a facilities plan for Canaan Valley.

Timberline does not feel the need to join in the facilities planning process because Thrasher Engineering has just completed a facilities plan for them. Several other plants are still undecided and they are North point, Canaan Village. Canaan Valley State Park and Timberline are proceeding with their own engineers doing their facilities plans

Steve Cole spoke about what his organization is planning regarding the state parks. Steve told the group that they are looking at each of the treatment plants and evaluating the current conditions.

Options:

- either upgrading the facilities
- replacing existing facilities
- looking at costs involved
- looking at ways to improve the facilities

Timberline wants to participate in the Comprehensive Plan of the valley, but not in the Facilities Plan. Thrasher has just completed a Facilities Plan for Timberline, and supplied Cannan Valley Institute with a copy in Draft form.

CVI is looking at 2.8m through the STAG grant that would require a match of 45% and with that CVI is looking how best to apply that to benefit the whole valley, and it will require everyone's participation. The STAG grant of 2.8m is only for construction. Total construction monies, including match would be about \$5M.

The idea is to look at a comprehensive plan for the valley and that involves the several different organizations involvement.

One of the questions mentioned was concerning the STAG grant money. It was asked if the money was only for planning or construction. Kiena Smith explained that the money is only for construction. She also explained that the language in the appropriation bill says that the money is to be used for decentralized systems. CVI secured separate money in the amount of \$200,000 and was used for the Facilities Plans.

Discussion is made regarding the purpose of the facilities plans. Ed Winant stated the main goal is to address the compliance issues in the valley. The other issue that the Comprehensive Plan is focusing on is future development.

Another question was whether the state parks facilities are eligible to use some of the STAG grant money. Carol Ann Davis responded that she thought that they would. One key is EPA is responsible for the grants and guidelines. In those guide lines those grants are only used for public owned facilities and operated by public entities. However, there is an exception for an on-site system. The guide gives an example of a septic system, which means Decentralized System. The final answer to the question is unknown at this point.

Due to the recession and the Gulf War, the main goal is to get the plan in place, for the money to be obligated. The Plan has to be in place before CVI can apply for the 2.8 million STAG grant.

How to address immediate upgrades to existing facilities-

Rob feels that the main goal to the Facilities Plans process is to address the compliance issue, and future development. Options will be determined in the next few months whether to combine existing facilities or upgrade. The question was asked if there will be a central plant for everything to go to. Rob responded that Thrasher has proposed a Centralized Sewer Plant for the valley.

The suggestion was made that Canaan State Park was a public entity and could or could receive EPA funding with a 45 % match was made. The intervening factor here may be that there is a long term lease with Guest Services to operate a portion of the structures in the Park so eligibility for DEP funding is undetermined at this time.

Management Solutions

Mike Johnson stated that Hamrick PSD would be the cleanest management solution. However, Hamrick PSD had not decided as to whether or not they will assume this role.

Mike stated further that waste treatment facilities had two issues to be dealt with, the technical solution which was often much easier and the management solution which was often the most difficult.

It was discussed that in the absence of management by Hamrick there would need to be a special management entity which may require legislation or a separate PSD both of which would require action by the Tucker County Commission.

Repairs to Existing Facilities

It was discussed by Rob Stull that LOCHOA wanted to make upgrades to their manholes very soon. However, they were hesitant to make repairs that would be eligible for STAG funding. Knowing that STAG funding cannot occur until after a plan is approved, the group discussed how to advise LOCHOA on next steps. JF of DEP Enforcement and Compliance stated that he had talked with owners and operators individually about allowing them to wait until spring of 2006, until plan is complete, to begin repairs. JF said CVI should advise the owners and operators that had questions to contact him directly.

There were orders that were issued to the Plant owners back in the spring. The order stated if you have a problem please contact DEP-EE and state how you will fix the problem. All the plant owners responded except for two (2) small facilities. DEP-EE will issue a non-compliance order to the two (2) small facilities, which one of them is North Point. North Point and Timberline has the same operator.

Facilities Plans process-

Pio gave a brief overview of information on how the facilities planning process proceeds and the decision making results. Pio passed out a handout on Canaan Valley Wastewater Facility Planning WWTF Summary, Treatment Process Summary, and Enforcement Summary and had a PowerPoint presentation on what each of the facilities plants looks like.

Ownership Issues-

Key factor to success in these projects-

- Improvements become public property
- Federal funds can be used for septic systems failing

Pio asked the question of the group as to where they want to be on (Public or Federal Ownership) and a (Business Corporation). Kiena's answer to the question was to look at the best technical engineering solution, and put it out to the PSD and Land owners.

Handout-

Canaan Valley Wastewater Facility Planning WWTF Summary 11 X 17

Corrections:

1. Treatment System

- Windwood and Taheim Village Facultative Lagoon
- 2. Operator
 - Canaan Mtn Resort – Northpoint
 - Canaan Mtn Resort – North Lake
 - Timberline Four Seasons Resort Dave Smigal – Contract operator
- 3. Operator
 - Is operated by Teter who is outsourced

Treatment Process Summary Pg 2– Gave a power point presentation on what the facilities plants look like and condition.

Comments: Lochoa has an II (Inflow and Infiltration) and Manholes problems.

Pio brought maps in of the Feasibility Studies.

Maps:

1. Environment we are working under
2. Where the plants are in the Valley
3. Where the water supplies are
4. Proposed discharge will be
5. Environmental sensitive areas are

Canaan Valley Wastewater Facility Planning Enforcement Summary

1. Response
 - Appealed the Order – Not Valid – Did not follow-up on it

Pio passed out his business card. You can find the power point presentation and maps on his web-site.

MIA programs ends on February 26, 2006 and there will be on extensions.

Pio asked the question as part of the project which will be done at a later meeting, will it be a Level 4 or 5? In theory it will probably be a Level 3 which the landowners will be responsible for doing. In unsewered areas the issue is future growth. A well managed system should have a 1% failure rate. As of this point they have don't have any data on the conditions of the wells, but if they did it would strengthen their case. Pio stated all the septic systems in the Karst Stera areas are not purifying the wastewater adequately to protect against bacteria.

Next step – Schedule and Milestones

Discussion was made who should show up at each meeting, what day, and time of each meeting.

December 13th General Public Meeting

Meeting would be at CVI in their Thomas office. – SAC (Stakeholders Advisory Committee)

Plant Owners 1:00pm – Core

 5:00pm – Owners

 7:00pm – Public meeting

It might be possible to meet with the owners at different times during the day.

The question Pio asked was whether these facilities are going to be re-hab or replaced? Pio would like to either salvage them or replace them.

- Need to look at cost
- Grants
- Annual fee is reasonable they will want this

The PSD is not ready to make any decisions until they see Pio's plan and cost. Pio's option is a formation of a public entity that would become the management. To form a public entity everyone has to agree to it.

Pio informed the group that Timberline is installing a Membrane Bio- Reactor. He anticipates it will be very expensive. Ed Winant suggested talking to Timberline and asking them if CVI could do a facilities plan for them compared to Thrasher's plan. Pio explained that he does not have the best handle of the II issue. Need to find what the flow is.

Steven Cole with "Woolpert" is looking at their existing treatment facilities, costs and will recommend alternatives treatments, and this will be completed by May 15th, 2006. The question was asked to Steven, if there will be any deliverables that CVI can rely on, and what are the deliverables within CVI's timeline (February 26th, 2006) that CVI could use? Pio would like for DNR to provide a statement of the problems that need to be solved.

- DNR to issue a definitive statement on needs and analysis (scope of work) by early January 2006
- Pio will defer to the information from DNR for the draft

Timeframe

December 13th

- Meeting as a core group in the afternoon
- Operators – Status report-on what the general public will hear
- General Public – Status Report – Dry Run for the next meeting with the public

January 11th

Technical Alternatives

- Cost Information (Preliminary)
- Data
- Preferred Solution

1. Problem Definition - Direct Dischargers – Existing Development
Needs Analysis - Septic
2. Alternative solution Alternative Mgt Solutions (For Grant)
 - Screening
 - Viable options
 - Preliminary Engineering
 - Costs
3. Preferred Plan
 - NPDES
 - Decentralized
 - Individual Clusters
 1. Cost
 2. Capitol
 3. User Cargo
4. Institutional Management & Financial
 - Ownership
 - Operate – O&M – Billings and collection
 - Bonds
 - Management – Overhead
 - O&M – Teeter

For the Grant to be used has to be the Owner.

February 15th

5. Implementation Schedule (Plan)
 - Phase
 - Engineering Plan (Legal)

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|------|-----|------------------------|----------------|
| Date | | Public Meetings/Thomas | |
| | SAC | NPDS | General Public |

| | | | |
|------------------------------|--|----|----|
| December 15 th | | | #3 |
| | | | |
| January 11 th | | #2 | |
| | | | |
| February 15 th | | #2 | |

PSD - (Public Service District) what are you proposing? – Wastewater Plan

PSC – (Public Service Commission) don't create a PSD

? – Maybe a Homeowners options

For Grants-

Resolutions

- Hamrick PSD
- CC= County Commission
- Timberline / Private Owners

Final Product

MIA is paying Pio's contract and it runs out on February 26th, 2006. Don't think they will extend the contract.

Plan A – Buy in with the County Commission

Plan B - #5 Association of Ownership – (Need legal council involved)

Discussion-

- If the PSD wants to take it over, it's dissolved
- If Hamrick PSD takes it over and the County Commissioners can form another PSD
- PSD has been working with CVI

PSD

- Current needs
- Future needs
- Don't impact current customers
- Final \$ amount

Customers

- Get a Bi-Low with the structure
- Yearly financial disclosure of the report
-

Dates as follows:

Tuesday, December 13th, 2005 - In Canaan / 1st meeting start around 1:00pm/ 2nd meeting 5:00pm / 3rd meeting 7:00pm?

Wednesday, January 11th, 2005 – In Canaan

Wednesday, February 15th, 2005 – In Canaan

Action Items –

1. Rob will get in contact with Northpoint, Canaan Village, Canaan Valley State Park and Timberline to get a commitment from them to volunteer, participate or if they are interested or not.
2. Rob and DEP needs to review the Draft Form to be finalized.
3. Rob to set up another meeting with the PSD (ASAP) before December 13th
4. Rob will send out an e-mail to everyone and let them know where the meetings will be.
5. Rob will ask the PSD what they need to make a decision. Need a timeframe and if the PSD can't make the timeframe go somewhere else.
6. DNR- (Scope of Work) by early January
7. DNR to issue a definitive statement on needs and analysis (scope of work) by early January 2006
8. If anyone needs to upgrade their facilities please contact Jack Fleshman with DEP-EE