APPENDIX I

PUBLIC PARTICIPATION

NOTICE

of Public Forum & Information Meeting for Redwood Sanitary Sewer Service District

The Redwood Sanitary Sewer Service District and the City of Grants Pass will hold a **PUBLIC FORUM** and **INFORMATION MEETING** on the **STATUS OF THE DISTRICT'S WASTEWATER TREATMENT PLANT PLANS.**

Thursday, November 19, 1998
5:00pm - 7:30pm
Pavilion Building - Josephine County Fairgrounds
Grants Pass, Oregon

At this meeting, District and City staff and their consultant will provide information on possible wastewater treatment plant improvements and a proposed alternative to pump sewage from the Redwood plant to the City of Grants Pass Wastewater Treatment Plant.

Meeting Agenda

5:00	**Sign-in**
5:30-6:30	**Introductions** **Information on Alternatives** **Questions**
6:30-7:30	**Opportunity to Review Exhibits/Information**

The public is welcome to ask questions, make comments, and present oral or written testimony at the forum. Written comments or testimony will be accepted until November 20, 1998, at both the office of the Josephine County Public Works Director, 201 River Heights Way, Grants Pass, Oregon 97527 and at the City of Grants Pass, City Clerk's Office, 101 Northwest A Street, Grants Pass, Oregon 97526. The District will consider all information received at this forum, and any written comments, in their deliberations and decisions regarding possible wastewater treatment plant improvements and/or pumping sewage to the Grants Pass Treatment Plant.

For more information please contact Steve Hodge, Environmental Engineer at 474-5460.

Parametrix, Inc. *Consultants in Engineering and Environmental Sciences*

1231 Fryar Ave., P.O. Box 460, Sumner, WA 98390-1516
253-863-5128 • Fax: 253-863-0946

MEMORANDUM

Date: **November 12, 1998**

To: **Major and City Council Members**
City of Grants Pass

From: **Steve Gilbert - Parametrix, Inc.**

Subject: **Briefing - Redwood Sanitary Sewer Service District**
Facilities Plan Update and Predesign Study

Project Number: **27-2192-05/1.2**

Project Name: **Redwood Sanitary Sewer Service District**

On September 21, 1998, the Grant's Pass City Council authorized Parametrix, Inc. to update the Redwood Sanitary Sewer Service District (Redwood SSSD) Wastewater Facilities Plan to include an analysis of plant expansion alternatives and conveyance alternatives to transfer the wastewater to the Grants Pass Treatment Plant. This memorandum is a summary of progress to date of this work. A public meeting to share this information with the community will be held November 19, 1998, from 5:00 p.m. to 7:30 p.m. at the Redwood Elementary School cafeteria.

Background

In 1994, Parametrix completed a Wastewater Facilities Plan for the Redwood SSSD Treatment Plant located near Leonard Road and Rounds Avenue. This plan examined the capital cost of five treatment options to upgrade/expand the existing plant to meet projected population growth in the next 20 years within the plant's service area.

Each of these options proposed additions to the plant to treat more flow; however, it was assumed that biosolids from the plant would continue to be composted and that the capital cost to upgrade/expand composting at the plant was minimal.

As part of this process, the capital cost of three conveyance options to send wastewater to the City of Grants Pass plant was also evaluated. Conveyance was not considered feasible at that time, however, due to its cost compared to the cost to upgrade/expand the Redwood plant. In 1995, the contact stabilization option was selected and work began to implement this option. In 1996, this work was stopped due to regulatory issues and litigation on the composting operation at the plant. Now we have re-evaluated the cost for both the treatment and conveyance options since it appears that composting at the plant will be stopped.

Treatment Options

The same five treatment options to upgrade/expand the Redwood plant that we examined in 1994 have now been re-evaluated. The capital cost of each of these options to treat more flow has been re-examined to meet the projected growth in the service area to the year 2020. This time, however, the capital cost to treat and dispose of biosolids from the plant was also added. It was assumed that the Redwood Plant will have to add anaerobic digestion, similar to the Grants Pass Plant, since the composting operation at the Redwood plant will likely close.

In addition to re-evaluating the capital cost to upgrade/expand the Redwood plant, this time we also evaluated the operation and maintenance (O&M) costs to run the plant. We also prepared a Present Worth Cost Analysis of all five treatment options to the year 2020. The capital, O&M, and present worth cost of each of the treatment options are shown in the following table.

Cost of Treatment Options (in $1,000,000's)
Redwood Sanitary Sewer Service District

Option	Capital Cost	Annual O&M Cost	Present Worth O&M	Total Present Worth
Contact Stabilization	9.25	0.67	7.86	17.10
Sequencing Batch Reactor	9.40	0.66	7.81	17.20
Biofilter	9.85	0.68	8.02	17.87
Complete Mix Activated Sludge with Filter	11.08	0.71	8.40	19.48
Sequencing Batch Reactor with Filter	10.17	0.71	8.37	18.53

Conveyance Options

The same three conveyance options to send wastewater to the City of Grants Pass plant that we examined in 1994 have now been re-evaluated. The capital cost of each of these options to meet the projected growth in the service area to the year 2020 was re-examined. In addition, several new conveyance options were also evaluated that were not examined in 1994. From this work, the three most viable options were selected for comparison with the five treatment options above. Each of these three conveyance options are shown on the attached map.

The O&M cost of each of the conveyance options was also evaluated. The difference in O&M cost of any of the options was found to be negligible. A Present Worth Cost Analysis was then completed for comparison of the conveyance options to the treatment options. The capital, O&M, and present worth cost of each of the conveyance options are shown in the following table.

Cost of Conveyance Options (in $1,000,000's) Redwood Sanitary Sewer Service District				
Option	**Capital Cost**	**Annual O&M Cost**	**Present Worth O&M**	**Total Present Worth**
1	6.76	0.15	1.76	8.52
2	6.66	0.15	1.76	8.42
3	6.57	0.15	1.76	8.33

Comparison of Options

All of the treatment options are significantly more expensive than any of the conveyance options. The cost of any of the conveyance options are also virtually identical, given the level of accuracy of our cost estimates.

There are, however, several key issues that distinguish differences between the conveyance options.

- Option 3 includes a proposed boring under the Rogue River at the Lathrop Boat Landing for the conveyance pipelines. Any river crossing that involves a boring has risk associated with it due to the uncertain geologic conditions under the river.

- Option 3 also requires a public access to the river on the south side for the proposed pipeline. This will require a permanent easement as well as a temporary construction easement on private property.

- Options 1 or 2 cross the Rogue River using a proposed new pedestrian bridge. This bridge is currently under final design and is due to advertise for construction bids in early 1999. Although there are some technical challenges related to using this bridge for the conveyance pipeline, this method of river crossing has less risk than the boring necessary as part of Option 3.

- The number of easements required for Options 1 and 2 are greater than for Option 3.

Next Step

On November 19, 1998, this information will be presented to interested citizens in the Redwood District. We will request comments and suggestions on both treatment and conveyance options. Once comments are received and reviewed, a preferred option will be selected and predesign initiated.

REDWOOD SANITARY SEWER SERVICE DISTRICT
NOVEMBER 19, 1998
PUBLIC INFORMATION MEETING

Name	Address
Billie Rockey	1405 Willow Lane, Grants Pass
Lonnie Rockey	1405 Willow Lane, Grants Pass
Margaret Abblett	2912 South River Road
Ken Crouse	5863 Lower River Road
Phyllis Russell	1751 Leonard Road
Richard Sackett	1511 Hubbard Lane
Marjorie D. Hylton	2120 Nick Way, Grants Pass, OR 97527
Gene Penland	4780 Leonard Road
Ron Danyluk	4778 Leonard Road
John H. Best	1614 Leonard Road, P.O. Box 5335
Steve Hodge	201 River Heights Way
William Weffman	3001 Redwood Hwy.
Carol A. Weffman	3001 Redwood Hwy.
Ed and Pat Haviland	1470 Darneille Lane
Evelyn Tunker	1632 Willow Lane, Grants Pass, OR P.O. Box 559 Murphy, Dr. 33 (mailing)
Virginia R. Vest	2395 Redwood Avenue, #75
Tim Moynahan	251 Westwood Drive
Buck Baker	4707 Lower River Road
Ryan O'Day	2914 Galaxy Way
Mack O'Day	621 River Cr.
Roger Phillips	800 Mesman Drive
Don and Joanne Greer	4125 Leonard Road
Pat Fahey	3640 Williams Hwy.
Mark Kellenbeck	830 N.E. Victoria, Grants Pass, OR 97526
Melvin Jones	830 N.E. Victoria, Grants Pass, OR 97526
H:L. "Jack" Rollins	City Councilman
Tommy Hecker	
David Smith	1349 Westview Drive

WRITTEN TESTIMONY/QUESTIONNAIRE
REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

WHAT IS IMPORTANT TO YOU?

It is important that your thoughts, concerns, and ideas are a part of this plan update. We would appreciate it if you could take a few moments and let us know what is on your mind. Please use the back of this page if you need more space. Put your completed sheet in the box marked "What Is Important To You?" or mail to: Redwood Sanitary Sewer Service District c/o City of Grants Pass, Utility Director's Office, 101 Northwest A Street, Grants Pass, OR 97526. Your comments will be accepted until November 25, 1998.

1. What are your strongest issues/concerns about a possible treatment plant expansion?

- All in one plant is the cheapest.
- Like to see model. Real best estimate. Cost model over 20 years showing rates and connection fee and system development charges. Real development cost and operation.
- Population freeze - I know this is not an option but should have been done on construction or developers should pay much more.
- Flooding the pumps when the Rogue rages, especially when Lower River Road becomes impossible.
- Use most economical alternative.
- Increase of payments of sewer usage. Expense. Much more expensive to have two plants.
- Cost to what to do with treated solids.
- Most long-term, cost-effective way is my concern.
- Cost.
- (1) A possible negative impact on the river due to a separate and larger facility. (2) Additional cost to taxpayers to construct and maintain a new plant.
- That there are enough hookups for future growth.
- Cost and long-term effectiveness of a "band-aid"-type treatment plant expansion of the RSSSD facility. The rationale of thought to maintain and operate two treatment plant facilities, does not appear to be complemental to the thought of implementing an adequate "long-term sewerage treatment program." Particularly when the City of Grants Pass' existing treatment plan facility could obviously and adequately provide that which is needed for the implementation of the proposed "conveyance option" and a "long-term" sewage treatment program.
- We need to know about costs. Will taxes be raised?

Summary: Cost and future capacity.

WRITTEN TESTIMONY/QUESTIONNAIRE
REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

2. What are your strongest issues/concerns about a possible sewage conveyance system to the City of Grants Pass treatment plant?

- Balancing of revenue/fees vs. rate charges.
- Dollars how much more cost to Redwood sewer.
- Sounds okay.
- Expenses.
- The possibility of earthquakes, but then everything would break anyhow!
- Future user cost increase.
- Use most economical alternative.
- The City's continued encroachment into the County. How long until we, in the County, have to pay City taxes?
- Cost.
- The possibility of a failure at the location of the river crossing, resulting in raw sewage being spilled into the river.
- This is by far the best plan but should cross the river under the foot bridge.
- The future cost! Will this turn out to be a political joke like all the other development out here has been?
- Cost, naturally. Even so, the rationale of thought of a sewage conveyance system to the City of Grants Pass' treatment plant, does appear to that which could be the more logical, cost-effective and beneficial to long-term plans of the proposed sewage treatment program, as well as the patrons.
- We will just have to trust the "powers that be" to give us the best and cheapest plan.

Summary: Cost and pipeline spill potential.

WRITTEN TESTIMONY/QUESTIONNAIRE
REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

3. Do you favor the treatment option or the conveyance option?

- Use Lower River Road, probably less backyard opposition.
- Conveyance.
- Conveyance - dollars.
- Conveyance.
- Yes.
- Conveyance because of costs. Over the bridge sounds better than under the river because of its meandering stream.
- Conveyance option.
- Why are you asking this? What if the 20 people who came say "treat."
- Use most economical alternative.
- I favor treatment with Jo Gro but that is no longer an option.
- Conveyance.
- I favor the conveyance option.
- Conveyance.
- Conveyance.
- The "Conveyance Option." I sincerely believe that this recently aired "conveyance option" at the Public Forum Meeting on November 19, 1998, could have been effected years ago, at a much, much more reasonable cost - as it should have been - had it not been for the constant "bureaucrat bickering" between the City of Grants Pass and Josephine County.
- I don't know costs!

Summary: Conveyance or least cost alternative.

WRITTEN TESTIMONY/QUESTIONNAIRE
REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

4. Why do you favor this option?

- Stay in public road out of back yards, and future work would be easier.
- Least cost/highest value - best treatment.
- Dollars plus seems like less environment problems.
- Let city government wrestle with all of it. "The economy of scale" sound economical/avoid unnecessity of duplicating.
- Longest term usage.
- Expense, lower cost, makes sense to have one major plant and fix it to be better.
- More practical and cost effective.
- Most useful to me.
- Less expensive and adequate.
- It would be less expensive to construct and maintain. I feel that there would be less chance of negative impact on the river. Also, a pumping station would be more desirable than a larger plant in terms of aesthetics in our rural residential area.
- Saves money - why have two plants? Could be done faster. No permit problem.
- Because it's going to be the cheapest way we think.
- As previously mentioned, this avenue of approach (the conveyance option), appears to be more cost-effective, efficient, and beneficial towards the proposed goal of providing an adequate "long-term sewerage treatment program," as well the program's patron's needs and user rates.
- You might contact McKinleyville Co., the community services district, and learn something about their plan - sewer there is $18.20 a month.

Summary: Least cost and fewest permit problems.

WRITTEN TESTIMONY/QUESTIONNAIRE
REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

5. Is there anything else you would like us to know?

- In 30 years and you put City H_2O out, what easements that you have now, what value would they have in future, or is this completely different?
- How soon do we start?
- What will happen to rates???
- You carefully avoided the New Hospital can of worms.
- Definitely need another green disposal for yard waste not too far from Jo Gro site.
- Keep the cost down as much as possible, it's already rough for seniors.
- I'm a new property owner so am interested in what goes on in my district.
- Yes. If the conveyance system is chosen: (1) Could the City sell the bulk of the property and equipment now being used to run the Jo Gro operation to help offset the cost of the conveyance system? (2) If the Property is retained, could a park be constructed for the taxpayers of Grants Pass on the site as was proposed when the county originally constructed the sewer plan before they decided to implement the Jo Gro operation? I feel that the meeting that took place on the subject of the Redwood Sanitary Sewer plan was very informative and constructive and I appreciate the opportunity to voice my opinions and concerns on the subject.
- You have come up with a really smart option. The meeting was well done (great food), but poor turn out. We might educate the rest of the district who didn't attend.
- I'm sure you're hearing this a lot but we're not happy that our area is going to be so overdeveloped. It's ridiculous to have to plan capacity to such an extent. I know contractors need to make a living but to whose sacrifice? One or two places to an acre is acceptable but not 30 or 40 on every five acres. I realize this pertains to more than sewer, but it's a start. No one wants to accept the responsibility of the words NO MORE. We aren't trying to stop progress, just money-hungry stupidity. You won't have to worry about contaminating our drinking water because the way things are going, we won't have any.
- I would like to know why sewer rates are so high. I pay $44.20, plus $44.20 on the rental, on the same property every two months.

WRITTEN TESTIMONY/QUESTIONNAIRE

REDWOOD SANITARY SEWER SERVICE DISTRICT
FACILITIES PLAN UPDATE
PUBLIC FORUM - NOVEMBER 19, 1998

NAME: _____

ADDRESS: _____ PHONE NUMBER: _____

WHAT IS IMPORTANT TO YOU?

It is important that your thoughts, concerns, and ideas are a part of this plan update. We would appreciate it if you could take a few moments and let us know what is on your mind. Please use the back of this page if you need more space. Put your completed sheet in the box marked "What Is Important To You?" or mail to: Redwood Sanitary Sewer Service District c/o City of Grants Pass, Utility Director's Office, 101 Northwest A Street, Grants Pass, OR 97526. Your comments will be accepted until November 25, 1998.

1. What are your strongest issues/concerns about a possible treatment plant expansion?

2. What are your strongest issues/concerns about a possible sewage conveyance system to the City of Grants Pass treatment plant?

3. Do you favor the treatment option or the conveyance option?

4. Why do you favor this option?

5. Is there anything else you would like us to know?

Parametrix, Inc. *Consultants in Engineering and Environmental Sciences*

1231 Fryar Ave., P.O. Box 460, Sumner, WA 98390-1516
253-863-5128 • Fax: 253-863-0946

MEMORANDUM

Date:	**December 10, 1998**
To:	**Mayor and City Council Members** **City of Grants Pass**
From:	**Steve Gilbert – Parametrix, Inc.**
Subject:	**Briefing – Redwood Sanitary Sewer Service District** **Facilities Plan Update and Predesign Study**
Project Number:	**27-2192-05/1.2**
Project Name:	**Redwood Sanitary Sewer Service District**

On November 18, 1998, Parametrix, Inc. presented to the Grants Pass City Council a briefing on the Redwood Sanitary Sewer Service District (Redwood SSSD) Wastewater Facilities Plan Update. Since then two significant activities have occurred:

- A Public Information Meeting was held with the Redwood SSSD community on November 19, 1998.
- The Alternative Selection Workshop was held with City/County staff on December 3, 1998.

This memorandum is a summary of these activities and a formal request to you to adopt a preferred alternative based upon the outcome of these activities.

Public Information Meeting

On November 19, 1998, a Public Information Meeting was held with the Redwood SSSD community at the Redwood Elementary School cafeteria. Approximately 30 residents of the Redwood SSSD area attended.

A presentation was made to the community; similar in nature to the presentation made to the City Council on November 18, 1998. Plant expansion alternatives and conveyance alternatives to transfer the wastewater to the Grants Pass Treatment Plant were described. Also, the estimated capital cost, annual operation and maintenance cost, and a 20-year present-worth cost of all alternatives were presented. The community asked numerous questions and answers were provided by Parametrix and the City of Grants Pass staff. Overall, the community had an opportunity to understand the alternatives being considered and their costs.

In addition, a questionnaire was circulated to assist the community to respond to various issues concerning the alternatives and indicate their preference. Seventeen responses were received, and their comments are repeated verbatim on the attached pages.

Overall, cost was the community's strongest concern regarding any of the alternatives. Meeting future treatment capacity requirements was the greatest concern regarding the plant expansion

alternatives. The possibility of a sewage spill into the Rogue River was the greatest concern regarding the conveyance alternatives. Almost all respondents preferred the conveyance alternative because it was the least cost. Additional comments were widespread and are attached as responses to "Question 5, Is there anything else you would like us to know?"

Alternative Selection Workshop

On December 3, 1998, City and County staff and Parametrix, Inc. held a workshop to select a preferred alternative. At this time, an evaluation of each of the alternatives was made based on 22 different criteria, and a selection matrix completed. Each alternative was ranked for each criteria based on a score from 1 to 10, with 10 being considered the best score and 1 the worst score. The completed matrix follows, the higher the score the better the alternative.

Redwood SSSD Wastewater Alternatives

Evaluation Criteria & Selection Matrix

		Conveyance Alternatives			Treatment Alternatives	
	Item	Easement	Easement	Easement	Contact Stab	Contact Stab
Criteria	Weight	Leonard Road	S. River Road	Lower River Road	wo/ Filtration	w/ Filtration
Cost Issues - 42%						
Capital Cost	20%	9	10	10	3	1
Present Worth O&M Cost	18%	10	10	10	3	1
Traffic Control	1%	7	8	3	10	10
Probable Utility conflict	1%	3	4	5	10	10
Length of Pipeline Route	1%	1	1	3	10	10
Geologic Condition Risk	1%	10	10	5	10	10
Environmental Issues - 14%						
Natural Resource Concerns	1%	10	10	8	10	10
River Crossing Risk	5%	5	5	3	10	10
Permitting Issues	2%	8	8	5	10	10
Wetland Concerns	1%	8	8	9	10	10
Community Issues - 24 %						
Customer Satisfaction	9%	8	8	5	1	1
Number of Easements Required	9%	4	5	7	10	10
Schedule Compliance	7%	5	5	6	1	1
Flexibility to Meet Future Demands	1%	5	5	5	5	5
Business Impacts	1%	5	5	5	5	5
Jurisdictional Issues	2%	10	10	9	10	10
Operation Issues - 20%						
Operator Familiarity	1%	5	5	5	8	8
Operation of Existing Plant During Construction	1%	9	9	9	1	1
Potential for Odor	10%	5	5	8	5	5
Constructability	1%	8	8	6	3	3
Potential for Noise	2%	9	9	9	1	1
NPDES Permit Issues	5%	8	8	8	1	3
Weighted Total	100%	7.43	7.74	7.74	4.49	3.83
(high score = Preferred Alt)						

As you can see, two conveyance alternatives were ranked with identical high scores of 7.74. Both of these alternatives were considered essentially equal.

Several key issues were then identified and discussed concerning these two conveyance alternatives.

- For the Lower River Road conveyance alternative, the proposed Rogue River crossing using a boring requires a new easement to assess the river. The location of this easement is not readily apparent in the field given the buildings and structures along the river at the proposed crossing site. Also this boring involves the risk of encountering unknown geotechnical conditions, which could either prevent the boring or make it very costly.

- For the Lower River Road alternative, the proposed pipeline installation in All Sports Park will be a concern to city residents. Therefore, the design of this segment of the pipeline requires careful attention to location to ensure only limited disruption of park amenities.

- For the South River Road conveyance alternative, the potential release of odors at the pedestrian bridge river crossing was determined to be unacceptable. The design of this segment of the pipeline requires very careful attention to odor control.

- For the South River Road conveyance alternative, the easements necessary to install the pipeline from the proposed pump station site to the pedestrian bridge crossing require considerable effort to negotiate and secure.

After this discussion, a straw vote was taken from the City and County staff present at the workshop. The result of this straw vote was:

	Number of Votes
Lower River Road Alternative Preferred	5
South River Road Alternative Preferred	3
No Preference to Either Alternative	1

As a result of the voting, it was decided to remand the selection of a preferred conveyance alternative to the full Grants Pass City Council acting as the Board of the Redwood SSSD. We, therefore, respectfully request your decision on this matter.

Date: May 21, 1999

To: Mr. Tom Peterson, (541) 474-3823

Contact: Mr. Joey Wright, (541) 474-6355

FOR IMMEDIATE RELEASE

Pipeline Selected as Preferred Alternative for Redwood Treatment Plant
City Reviewing Alternatives for Jo-Gro Replacement Facility

The Redwood Sanitary Sewer Service District's (District) governing board recently determined that future wastewater flows in the District will be routed to the Grants Pass Water Restoration Plant via a new 6-mile pipeline. Because of issues regarding the District's composting operation and Department of Environmental Quality concerns about discharge coming from the plant, the District is required to shut down its existing composting operation by October 1999. Closing the composting facility means that wastewater and the existing Jo-Gro Facility must be managed differently by the District.

The District had two choices for managing wastewater: the existing treatment plant could be upgraded and modified to process wastewater differently, or a pipeline could be built and wastewater from the Redwood District could be sent to the Grants Pass Water Restoration Plant.

The District conducted a study of both options, and several alternatives were considered. The study showed that both options offered a long-term solution to the District; however, the pipeline option cost was about $2 million less than any of the treatment plant upgrade alternatives. As a result of the cost savings, community members and the governing board of the District were in strong support of the pipeline option. On April 28, 1999, the Grants Pass City Council, acting as the governing board of the District, selected building a pipeline to convey wastewater from the Redwood Treatment Plant as the Preferred Alternative.

The Pipeline Option selected follows the route outlined on the attached map. In most cases, the pipeline route follows the existing gravity sewer system which is located either in the roadway or along existing easements provided by property owners.

The total project cost is estimated at $6.7 million. The project will be funded with approximately $5.4 million from a State loan and about $1.3 million from available cash from the District.

The District is in the process of obtaining permission from property owners to have survey and geotechnical crews visit each property located along the route. Survey and geotechnical crews will obtain information important for designing and constructing the project. Most of 1999 will be spent designing and permitting the project, and construction is expected to last from March of 2000 to November of 2000.

In addition to changing the way wastewater is managed in the District, the City of Grants Pass must determine how to replace the existing Jo-Gro facility. At this time, the City is in the process of reviewing alternatives and developing possible funding options. Based upon these studies, the City Council will determine the future of the Jo-Gro Program.

The District is committed to keeping the public involved and informed of its progress on these two projects. Additional public notifications are anticipated in the late summer and again in the fall/winter. The District looks forward to moving ahead with these projects in 1999!

REDWOOD SANITARY SEWER SERVICE DISTRICT UPDATE

Volume I/*May 1999*

THE DISTRICT WILL KEEP YOU UPDATED OF OUR PROGRESS THROUGH THE DESIGN AND CONSTRUCTION PROCESS. WE LOOK FORWARD TO MOVING AHEAD WITH THIS PROJECT IN 1999!

STATE OF THE SEWER

Last November the Redwood Sanitary Sewer Service District (RSSSD) held a public meeting to discuss the status of the District's Wastewater Treatment Plant Facility Plan. The 1995 Wastewater Facility Plan had to be updated because of issues regarding Redwood's composting operation and Department of Environmental Quality (DEQ) concerns about discharge coming from the plant. Changing the 1995 Facility Plan meant that a new alternative for managing wastewater within the District needed to be developed. At the November meeting, the District met with the community to present wastewater management alternatives and to get community input.

Several alternatives were presented, but they boiled down to two options:

- *Upgrade the existing Redwood plant to eliminate composting and improve the quality of discharge from the plant.*
- *Construct a pipeline to convey wastewater from the Redwood Treatment Plant to the Grants Pass Water Restoration Plant.*

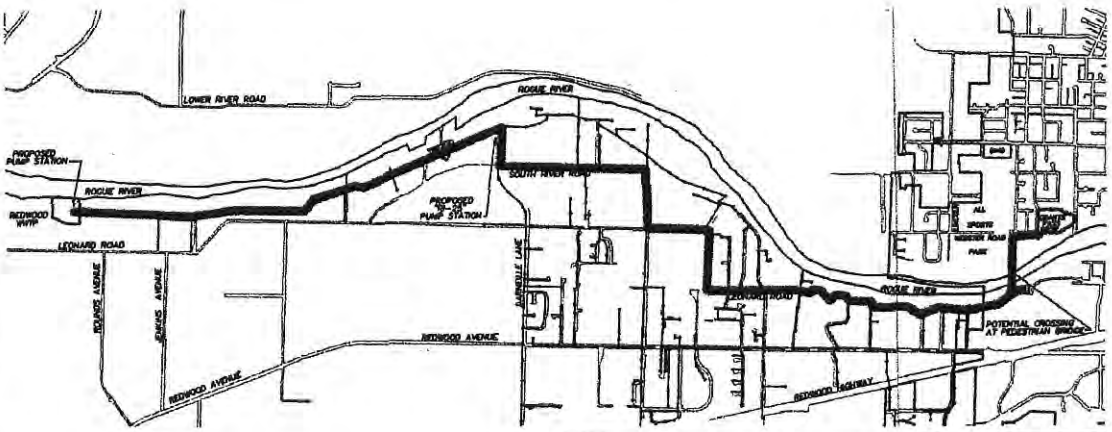
Both options offer a long-term solution to the District; however, the pipeline option costs about $2 million less than any of the treatment plant upgrade alternatives. As a result of the cost savings, community members were in strong support of the pipeline option.

THE REST OF THE STORY

After hearing feedback on the alternatives, a committee of Josephine County and City representatives met and ranked all of the treatment options and presented the rankings to the governing board of the RSSSD. On April 28, 1999, the Grants Pass City Council, acting as the governing board of the RSSSD, adopted the South River Road Pipeline Option as the Preferred Alternative.

The South River Road Pipeline Option follows the route outlined on the map below. It includes building a new pump station north of Darnielle Lane. The pipeline system will cross the Rogue River using the proposed pedestrian bridge, then it will continue to the Grants Pass Water Restoration Plant.

Continued on page 2



presented by **Parametrix, Inc.**

Continued from page 1

The total project cost is estimated at $6.7 million. The project will be funded with approximately $5.4 million from a State loan and about $1.3 million from available cash from the District.

The District will keep the community updated of our progress through the design and construction process. Additional public notifications are anticipated in late summer and again in the fall/winter. The District looks forward to moving ahead with this project in 1999!

CITY OF GRANTS PASS
Attn: Joey Wright
101 Northwest A Street
Grants Pass, Oregon 97526

WHAT ARE THE NEXT STEPS?

The District will be contacting property owners located along the pipeline route to discuss project specifics. In most cases, the District has an easement from these property owners for the existing sewer system. With few exceptions, the new pipeline will follow this existing easement route.

The District needs to obtain permission from property owners for survey and geotechnical crews to visit each property located along the route. Survey and geotechnical crews will obtain information important for designing and constructing the project. Most of 1999 will be spent designing and permitting the project. Construction is expected to last from March of 2000 to November of 2000.

REDWOOD SANITARY SEWER SERVICE DISTRICT

City of Grants Pass
Utilities Department
101 N.W. "A" Street
Grants Pass, OR 97526
(541) 474-6355 / Fax 476-9261

WASTEWATER TREATMENT PLANT
4960 Leonard Road
Grants Pass, OR 97527
(541) 476-9472

May 24, 1999

Dear Property Owner or Resident:

As you may know, the Redwood Sanitary Sewer Service District (RSSSD) recently updated its Wastewater Facility Plan. The Wastewater Facility Plan had to be updated because of issues related to the District Treatment Plant. The District had to either change the method of managing plant operations, or shut down and direct flows to the Grants Pass Water Restoration Plant. The results of the Facility Plan Update showed that it was about $2 million less costly to build a pipeline that would direct flows to the Grants Pass Water Restoration Plant. This information was presented at a public meeting in November 1998. The Grants Pass City Council, acting as the governing board of the RSSSD, adopted this Pipeline Alternative in April of 1999.

Building the new pipeline system within the existing easements is the most cost-effective, long-term approach for meeting the needs of the community serviced by the District. Other routes were considered, but they were much more costly, involved expensive roadway work, and interfered with traffic.

The District has permanent easements for the maintenance of an existing sanitary sewer, which is located along portions of the proposed pipeline route. These easements were negotiated with property owners when the sewer was installed in 1977. The Pipeline Alternative involves routing the pipeline along these existing easements and along portions of South River Road, Leonard Road, and West Park from the District Treatment Plant to the Grants Pass Water Restoration Plant. **You have been identified as a property owner or resident located along the proposed pipeline route.**

Public Meeting

To share information on the Pipeline Alternative, **the District will be holding a property owner and resident public meeting on June 1, 1999 at 7:00 p.m**. The meeting will be held at the Redwood Grange located at 1830 Redwood Avenue. At this meeting, the

District will discuss why the route was selected, where the route is located, the project schedule, and how we intend to minimize impacts to property owners and residents. District representatives will be available to answer questions.

What Does This Mean To Me As A Property Owner?

The District is in the early stages of designing the project and **your help is needed**. Construction is to be completed by November of 2000. To meet this aggressive schedule, the District must start design immediately. **We need your permission to enter your property for surveying and to obtain selected geotechnical information**.

If you are a property owner, please review and sign the enclosed right-of-entry form. The District and its agents will take every precaution to protect your property and avoid damage while conducting this work. The District would appreciate receiving signed forms as soon as possible. You can return the signed form by mail or bring it to our first meeting.

In addition, **the District is taking this opportunity to inform you that the design team will be walking and flagging the existing sewer route on June 2, 1999**. This site visit will take place within the limitations of the District's existing easement area.

The District is committed to being a good neighbor and keeping you informed and involved during the design and construction process. Over the next several months, the District will be hosting additional public meetings for property owners and residents located along the route. The District will also be sending you periodic newsletters, and staff will be meeting with you one-on-one. If you have any questions please contact Mr. Joey Wright at (541) 474-6355. Thank you in advance for your cooperation.

Sincerely,

Rohel W. Amundson
Utility Director, City of Grants Pass

encl.

REDWOOD SANITARY SEWER SERVICE DISTRICT

City of Grants Pass
Utilities Department
101 N.W. "A" Street
Grants Pass, OR 97526
(541) 474-6355 / Fax 476-9261

WASTEWATER TREATMENT PLANT
4960 Leonard Road
Grants Pass, OR 97527
(541) 476-9472

Permit of Entry

Dear Property Owner:

The Redwood Sanitary Sewer Service District (RSSSD) would appreciate your help with installing improvements to the Redwood sewer system. These improvements will ensure we do not have to build a new and expensive sewer treatment plant. If the language below is acceptable, please sign this form and mail it to:

Mr. Joey Wright
101 Northwest "A" Street
Grants Pass, OR 97526

In order to permit the RSSSD and its authorized agents to proceed with the South River Pipeline Project near your property, the undersigned does hereby grant the RSSSD and its agents the right to enter upon the real property identified above (on a temporary basis) for the purpose of obtaining survey and geotechnical data. Such work shall be completed between the dates of June, 1999 and September, 1999.

It is understood that the District and its agents will take precautions to avoid damage to property, vegetation, etc. while conducting this work. If any items are damaged during the course of this Project, the District and its agents will return such items to their original condition.

_____
Owner's Signature

Dated this_____day of_____, 1999.

Parametrix, Inc.

MEETING MINUTES

Project Name: Redwood Sanitary Sewer Service District

Project No.: PMX# 276-3416-001/2020

Location: Redwood Grange

Meeting Date: June 1, 1999

Time: 7:00 p.m.

Minutes by: Stephanie Lund

Attendees:	Address:	Phone:	Company:
Jim and Sandi Williford	3778 Leonard Road	479-5019	
Elizabeth and Dan Sauro	192 Westwood Drive	471-0334	
Larry Ferguson	3106 S. River Road	474-2355	
Eva Hamrick	3130 S. River Road	476-9766	
Dave Case	1260 Annabelle Lane	476-0869	
C.H. Seagraves	900 Breezy Lane	479-3081	
Doug Langevin	4124 Leonard Road	472-1805	
Norbert Beyer	3232 S. River Road	479-9891	
Lucy and Raymond Ritchie/Eygabroad	4714 Leonard Road	471-2141	
Ann Adams	3767 Leonard Road	476-3949	
Doris Ozust	4500 Leonard Road	474-1809	
Dick Hanlin	1325 Wineteer Lane	955-1619	
Bill Peterson			City of Grants Pass
Rohel Amundson			City of Grants Pass
Joey Wright			City of Grants Pass
Steve Gilbert			Parametrix, Inc.
Tom Nielsen			Parametrix, Inc.
Kelly Wood			Parametrix, Inc.
Stephanie Lund			Parametrix, Inc
Bill Miller			Real Property Consultants
Bill Galli			The Galli Group
Peter Allen			Peter D. Allen Surveying
Loretta Hill			Easements

Subject: **PUBLIC INFORMATION MEETING**

Steve Gilbert and Stephanie Lund from Parametrix, Inc. presented information about the project. An outline of the presentation is listed below:

Project History

1995 Wastewater Facilities Plan

- Evaluated five treatment options
- Evaluated three pipeline options
- Selected treatment option

- Evaluated three pipeline options
- Selected treatment option

1996-1997

- Design stopped
- Compost litigation
- State concerns

1995 Plan Assumed Composting

- Compost litigation meant treatment costs changed
- Updated plan completed in 1999 reassessed treatment and pipeline options

Why Build A Pipeline?

1999 Plan

- $2.5 million less to build pipeline than to upgrade existing treatment plant
- Community supported pipeline option at public meeting in November 1998
- District Board decided to build pipeline in April 1999

How Will the Project Affect You?

Pipeline Location

- The District negotiated easements in 1977 and built sewer line
- Current easements allow access/maintenance
- Pipeline will be located on existing easements
- District would like permission from property owners to conduct field work and complete project

Pipeline Route

- 6-inch pipeline from Redwood Plant to South River Road
- Pump station near Darneille Lane
- Dual 12-inch pipelines from pump station to Grants Pass Treatment Plant

Right of Entry

- The District would like permission to enter a portion of your property for survey, natural resource, and geotechnical work

Easements

- The District would like a temporary construction easement of about 20 feet
- An "inconvienience fee" will be paid
- Some permanent easements may also be needed

Construction

- Digging on easement to lay the pipe(s)
- Restoration - photographs will be used to document
- More information will be available to property owners once the District begins design work

When Will the Project Affect You?

Now

- Field crews will be out this week (in current easement only)

Late June 1999

- Additional field work
- Door-to-door property owner meetings

Winter 1999/Spring 2000

- Construction begins

What Are the Next Steps?

- Obtain right-of-entry forms
- Begin field work and door-to-door meetings
- Next property owner/resident meeting late summer, 1999

What Do We Need from You Tonight?

- Complete survey questionnaire
- Ask questions
- Questions? Contact Joey Wright 474-6355

Below is a list of questions asked and the responses given.

Question: ***What if the sewer easement overlaps the house?***

Answer: We are going out into the field to determine the best place to put the new sewer pipeline. A common sense evaluation will prevent this kind of problem.

Question: ***Will this be a TEMPORARY easement?***

Answer: Yes, the construction easement will be temporary.

Question: ***Will the surface restoration be a full restoration – not just grass?***

Answer: Yes, restoration will include a full surface restoration.

Question: ***Are we planning to replace the topsoil?***

Answer: Yes, in many cases the existing material will remain on site and be used to fill in the trench. In other cases topsoil will be used.

Question: ***Why didn't we choose a route which stays within Leonard?***

Answer: Several routes were evaluated, and the route, which stayed on Leonard, was more expensive; it ripped up the road

Question: ***Why is not composting more expensive? Doesn't the composting just barely pay for itself?***

Answer: Building a digester is much more expensive than composting, and composting is no longer an option.

Question: ***Was the litigation that closed down the Redwood plant appealed?***

Answer: Yes, three times. None of the appeals were successful.

Question: ***How deep will the pipeline be? How will the pipeline affect my drinking well water?***

Answer: The pipeline will be 3- to 6-feet deep, and we will site it at least a minimum distance from the well.

Question: ***How many pumps will be involved? Can the pump station be placed underground? If not, how wide and how high will the building be? I own the land at the site, and I want to have a say in how the building looks.***

Answer: The pump station has not yet been designed. We will work with you on the design and placement of the pump station building.

Question: ***Will the easement be used in the future for water or other utility pipelines?***

Answer: At this time, there are no plans to use the easement for additional pipelines.

Question: ***This plan will negatively affect future build-ability of my property.***

Answer: This plan uses the existing sewer easement on your property. The new pipeline will not impact you're the build-ability of your property any more than the easement currently impacts build-ability.

Question: ***Will the plant expansion be paid for from the sewer fund? What will be the effect on current rates?***

Answer: Yes, the fund will pay for this project, and rates will not be raised.

Question: ***I helped pay for the existing pipeline, but I have no connection to it. Will I have to pay additional charges now for a pipeline that I cannot use?***

Answer: No, there will be no extra charges, but you will not be able to connect to this pipeline, since it is pressurized.

Question: ***Will a new easement be necessary?***

Answer: In most cases we will use the existing easement. There are some properties where a new easement will be required.

Question: ***What is the pressure in the new sewer pipeline? Is a leak possible? Could it leak in 20 to 30 years? Will the city check the condition of the pipeline with cameras?***

Answer: No, a leak is not likely now or in thirty years. The new sewer pipeline will be maintained as the existing ones are now.

Question: ***How will construction affect Sand Creek irrigation? Will it shut it down?***

Answer: We need to learn how the current system functions, then we will let you know if there will be any short-term impacts to irrigation.

Question: ***Does easement language allow addition of new pipe?***

Answer: Yes, it does.

Question: ***What were the State's objections to the old treatment plant?***

Answer: The State decided to require a higher level of treatment for an upgraded plant. An upgrade of the existing Redwood treatment plant would not be sufficient for the plant to meet the new (higher) standards.

Question: ***Will the Redwood treatment plant be abandoned?***

Answer: Yes, it will be abandoned.

Question: ***Will any new easements in the third section (C alternatives) be required?***

Answer: None yet.

Question: ***Why is a 20-foot temporary construction easement required? Will the temporary easement be on one side of the existing easement only?***

Answer: The temporary construction easement is for construction purposes, and it may be on either side of the existing easement.

Question: ***Is the 20-foot temporary construction easement wide enough for construction?***

Answer: Yes.

Question: ***Will we be kept informed about progress on the pump station?***

Answer: Yes, this will be the first of at least three public meetings.

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: DOUG LANGEVIN

Address: 4124 LEONARD ROAD G.P.

Phone: USE # 472-1805 TILL FURTHER NOTICE.

Home

Do you own or rent your home?

☒ Own ☐ Rent

Communication

When is the best time of day to reach you?

☒ Morning 8am-11am ☐ Mid-day 12pm-4pm ☒ Evening 5pm-8pm

What is the best phone number to reach you?

(541) 472-1805 TILL I GET MY NEW # IN.

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☒ No

If yes, what kind of livestock?

How many animals reside on your property?

☐ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

What crops do you grow and during what season?

— GRASS —

Property

Is there anything about your property you want us to know?

☒ Yes ☐ No

Comments: MY WELL IS 58 FEET DEEP — WILL YOU TEST REGULARLY FOR LEAKS IN YOUR PIPELINE THAT MAY CONTAMINATE MY DRINKING WATER AQUAFER?

How can we minimize impacts to you property during construction?

Comments: UNTIL I KNOW MORE ABOUT YOUR PROJECT, I CAN'T SAY.

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☒ Yes ☐ No

If yes, what is their name, address, and phone number?

ALL MY NEIGHBORS!

General Comments

I JUST MOVED IN FINALLY THIS LAST WEEK — & I HAVE BEEN CALLED FOR JURY DUTY STARTING JULY 1ST.

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: JAMES C & SANDRA L WILLIFORD

Address: 3778 LEONARD ROAD
GRANTS PASS OR 97527

Phone: 541-479-5019

Home

Do you own or rent your home?

☒ Own ☐ Rent

Communication

When is the best time of day to reach you?

☒ Morning 8am-11am ☒ Mid-day 12pm-4pm ☒ Evening 5pm-8pm

What is the best phone number to reach you?

( )

Livestock

Do you have livestock or farming located on your property?

☒ Yes ☐ No

If yes, what kind of livestock?

HORSES (4) & GOATS (3)

How many animals reside on your property?

☐ 0-5 ☒ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

What crops do you grow and during what season?

PASTURE

Property

Is there anything about your property you want us to know?

☐ Yes ☒ No

Comments:

How can we minimize impacts to you property during construction?

Comments:

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☒ No

If yes, what is their name, address, and phone number?

General Comments

WHAT TYPE of JOINTS in THE PIPE –
HOW DEEP WILL IT BE

WILL THE IRRIGATION BE SHUT DOWN? SAND CREEK

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: DANIEL E. SAURO

Address: 192 WESTWOOD DRIVE
GRANTS PASS OR 97527

Phone: 471-0334

Home

Do you own or rent your home?

☒ Own ☐ Rent

Communication

When is the best time of day to reach you?

☐ Morning 8am-11am ☐ Mid-day 12pm-4pm ☒ Evening 5pm-8pm

What is the best phone number to reach you?

(541) 471-0334

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☒ No

If yes, what kind of livestock?

How many animals reside on your property?

☒ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

What crops do you grow and during what season?

Property

Is there anything about your property you want us to know?

☒ Yes ☐ No

Comments: EXISTING CHAIN LINK FENCE

How can we minimize impacts to you property during construction?

Comments: KEEP GATES CLOSED AT ALL TIMES PLEASE.

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☒ No

If yes, what is their name, address, and phone number?

General Comments

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: Eva M. Hamrick

Address: 3130 So. Rural R

Phone: 4769766

Home

Do you own or rent your home?

☑ Own ☐ Rent

Communication

When is the best time of day to reach you?

☐ Morning 8am-11am ☑ Mid-day 12pm-4pm ☐ Evening 5pm-8pm

What is the best phone number to reach you?

( ) 4769766

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☐ No

If yes, what kind of livestock?

Farming - hay
No livestock

How many animals reside on your property?

☐ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

None

What crops do you grow and during what season?

Hay

Property

Is there anything about your property you want us to know?

☑ Yes ☐ No

Comments:

How can we minimize impacts to you property during construction?

Comments:

Talk to me

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☑ No

If yes, what is their name, address, and phone number?

General Comments

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: W. L. FERGUSON

Address: 3106 S. RIVER RD
GRANTS PASS, ORE 97527

Phone: 474-2355

Home

Do you own or rent your home?

☒ Own ☐ Rent

Communication

When is the best time of day to reach you?

☒ Morning 8am-11am ☐ Mid-day 12pm-4pm ☐ Evening 5pm-8pm

What is the best phone number to reach you?

( ) 474-2355

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☒ No

If yes, what kind of livestock?

How many animals reside on your property?

☒ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

CATS + DOG

What crops do you grow and during what season?

NONE

Property

Is there anything about your property you want us to know?

☐ Yes ☒ No

Comments:

How can we minimize impacts to you property during construction?

Comments: NOT AFFECTED EXCEPT FOR MY DRIVEWAY AT THE END OF DARNISLE

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☒ No

If yes, what is their name, address, and phone number?

General Comments

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: DICK HANLIN

Address: 1325 WINETEER LANE

Phone: 955-1619

Home

Do you own or rent your home?

☑ Own ☐ Rent

Communication

When is the best time of day to reach you?

☐ Morning 8am-11am ☐ Mid-day 12pm-4pm ☑ Evening 5pm-8pm

What is the best phone number to reach you?

( ) ABOVE

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☑ No

If yes, what kind of livestock?

How many animals reside on your property?

☐ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

What crops do you grow and during what season?

Property

Is there anything about your property you want us to know?

☑ Yes ☐ No

Comments: HOUSE IS FOR SALE; need to minimize presence/alarm

How can we minimize impacts to you property during construction?

Comments:

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☐ No

If yes, what is their name, address, and phone number?

General Comments

NOT CERTAIN THIS PROPERTY IS AFFECTED, BASED ON FIGURE 3-17

Property Owner/Resident Survey

To assist us in providing the best possible service, please take a few minutes to fill out this survey. Once complete, please give it back to us after the meeting or drop it in the mail. Thank you for your input!

Name: C. DAVID CASE, KATHY CASE

Address: 1260 ANNABELLE LN

Phone: 476-0869

Home

Do you own or rent your home?

☒ Own ☐ Rent

Communication

When is the best time of day to reach you?

☐ Morning 8am-11am ☐ Mid-day 12pm-4pm ☒ Evening 5pm-8pm

What is the best phone number to reach you?

( ) DAY: 474-5095 / EVENINGS 476-0869

Livestock

Do you have livestock or farming located on your property?

☐ Yes ☒ No

If yes, what kind of livestock?

How many animals reside on your property?

☒ 0-5 ☐ 5-15 ☐ 16-30 ☐ 31-50

☐ 51-70 ☐ 71-85 ☐ 86-99 ☐ 100+

What crops do you grow and during what season?

Property

Is there anything about your property you want us to know?

☒ Yes ☐ No

Comments: NEED TO TALK TO KATHY CASE, MY WIFE

How can we minimize impacts to you property during construction?

Comments:

Additional Information

Is there anyone else we should notify in your neighborhood regarding this project?

☐ Yes ☐ No

If yes, what is their name, address, and phone number?

General Comments

Redwood Sanitary Sewer Service District Update

July 1999

Don't miss our next public meeting. We will be serving Root Beer Floats!!

When:
Tuesday, July 20th

Time:
7:00 p.m.

Place:
Redwood Grange
1830 Redwood Ave.

State of the Redwood Pipeline Project

Thanks to the quick response of all the property owners located along the Pipeline Route, the District has obtained the necessary right-of-entry forms required to proceed to the next phase of the project. As a result, survey and geotechnical work will begin on July 6th. Geotechnical crews will drill test pits beginning July 6th and surveyors will be in the field from July 12 to July 25th.

The Grants Pass City Council, acting as the governing board for the District, has adopted an "inconvenience fee" for property owners located along the route. The inconvenience fee is to compensate property owners for granting the District a temporary construction easement during the construction phase of the project. The current sewer easement does not have enough room for the construction of the new pipeline; therefore, the District will be requesting a 20 feet wide temporary construction easement from all property owners so construction can take place.

The temporary construction easement is TEMPORARY. It will only impact your property during construction of the project. Although construction will last for approximately 9 months, individual properties will be directly impacted for between 2-14 days. In addition to the inconvenience fee, the District is responsible for restoring property after construction. This includes patching asphalt and gravel driveways, rebuilding fences, and planting plants. Please note, restoration may not take place immediately after the pipeline is constructed on your property. It will most likely occur after construction is completed along the entire route.

Upcoming Meetings

The District would like to invite you to a public meeting/root beer float social to discuss temporary construction easements and the inconvenience fee. Please join us for a property owner meeting on **Tuesday, July 20th, 1999 at 7:00 pm**. The meeting will be held at the Redwood Grange located at 1830 Redwood Avenue.

The District plans on meeting individually with property owners to discuss and obtain temporary construction easements. Property specific information such as well locations, the location of construction, and the inconvenience fee will be discussed at that time. Individual meetings will take place during late July (after the meeting on the 20th) and run through August.

The District looks forward to meeting with you on July 20th. If you have any questions before then please contact Joey Wright at (541) 474-6355.

presented by **Parametrix, Inc.**

Parametrix, Inc.

MEETING MINUTES

Project Name: Redwood Sanitary Sewer Service District

Project No.: PMX# 276-3416-001/2020

Location: Redwood Grange

Meeting Date: July 20, 1999

Time: 7:00 p.m.

Minutes by: Stephanie Lund

Attendees:	Address:	Phone:	Company:
Jim and Sandi Williford	3778 Leonard Road	479-5019	
Larry Ferguson	3106 S. River Road	474-2355	
Eva Hamrick	3130 S. River Road	476-9766	
Doug Langevin	4124 Leonard Road	472-2387	
George Keeney	4086 Leonard Road	474-9306	
Lauren Ashford	1428 Wineteer	474-2197	
Janice McCarthy	196 Westwood Drive	474-9696	
Joe and Marion Simas	4118 Leonard Road	474-9602	
Lee Parrish	200 Westwood Drive	476-5746	
William Bushnell	4834 Leonard Road	479-6451	
Carl Hoffmann	4028 Leonard Road	479-5262	
Rohel Amundson			City of Grants Pass
Joey Wright			City of Grants Pass
Steve Gilbert			Parametrix, Inc.
Stephanie Lund			Parametrix, Inc
Bill Miller			Real Property Consultants
Paul Zacha			Real Property Consultants
Loretta Hill			Easements

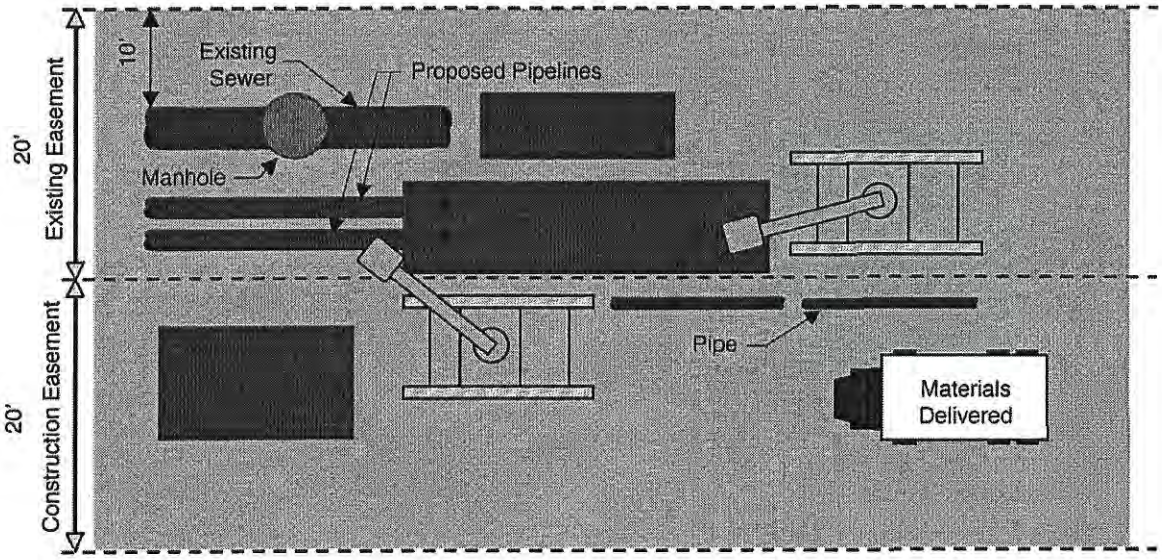
Subject: **PUBLIC INFORMATION MEETING**

Project Update – Steve Gilbert

- Thank you for responsiveness and right-of-entry.
- We are currently obtaining field data (surveying and geotechnical information).
- We are here tonight to discuss temporary construction easements and inconvenience fee.

Temporary Construction Easements – Steve Gilbert

- Explain temporary construction easement – the easement is only temporary and for the purpose of constructing the sewer line.
- Explain area requested and purpose – it is a 20-foot temporary easement adjacent to the existing easement. This will give the contractor enough room to build the line. The graphic below was used to illustrate how the easement will be used.



Inconvenience Fee – Bill Miller

- Explain how the fee works (rate schedule) – Property owners will be compensated for granting a temporary construction easement under a rate schedule. The rate ranges from $500 - $1,000 and is over-and-above work that will be done to restore your property to a like condition once construction is completed. The following schedule is being used to determine the value of compensation to be awarded to each property owner.

Base Fee	$500.00
Improved Property	$125.00
Landscaping/Crops/Livestock Impacts	$125.00
Access Affected	$125.00
Close Proximity to Residents (30 feet or less)	$125.00

- How was the fee determined? The fee was determined by an independent appraiser who considered the existing real estate market in the Grants Pass area.

Property Owner Meetings – Stephanie Lund

- Explain process – Joey Wright from the City of Grants Pass and I will set-up a time to meet with you at your home to discuss the project and the temporary construction easement. During this meeting we will show property owners where the temporary construction easement is needed and how your property will be impacted. We will determine your inconvenience fee and discuss restoration requirements.

- What we are looking for on your property – When we meet with you at your property we can discuss where your well is located; where power lines, irrigation lines, etc. run on your property; and any other pieces of information relevant to your property and the project.
- Determining your inconvenience fee – During this meeting we will determine your inconvenience fee and make you an offer.

Questions and Answers

Question: ***Are fences going to be replaced?***

Answer: All fences impacted by construction will be replaced as part of restoration.

Question: ***How long will it take for restoration?***

Answer: Until we have a contractor for the project, we don't know exactly how long restoration will take, however, your property should be restored a couple of weeks after the contractor has installed and tested the line. If the line does not pass operating tests it may take a bit longer for restoration. We do not want the contractor to restore the area prior to ensuring that it will work properly.

Question: ***What do we do with livestock?***

Answer: Joey and Stephanie will discuss this with property owners when we meet with you. If you have additional fenced in pastures, you may need to relocate your livestock during construction. If needed, temporary fencing will be provided.

Question: ***What about the decibel level of the pumps at the pump stations?***

Answer: The pumps will be designed to meet noise ordinances and not adversely impact the surrounding community.

Question: ***What happens if a pump breaks at one of the pump stations or if the electricity goes out?***

Answer: There is always a stand-by pump at the pump station in case one of the pumps fails. There is an emergency generator to operate the pumps if the electricity goes out.

Question: ***How are you going to treat additional sewage from the Redwood Plant at the Grants Pass Plant?***

Answer: The Grants Pass plant currently has the capacity to treat sewage from the Redwood Plant.

Question: ***Won't the Grants Pass plant need to be upgraded soon due to the growing population and the additional sewage from the Redwood District?***

Answer: The Grants Pass plant is in the process of being upgraded, and additional capacity will be needed soon; however, there will not be a change in sewer rates for Redwood customers for at least five years.

Question: ***Does the existing easement language allow for the additional pipe to be put in the easement? What about my reduced property value due to the addition of the new line?***

Answer: The District believes that the existing language does allow for the additional pipe to be put in the easement. The District does not believe that your property value will be impacted anymore than how it is currently impacted by the existing easement.

Question: ***How was the pipeline sized? Will it accommodate future growth?***

Answer: The pipe was sized by looking at available lots and development within the Redwood District. The pipeline was designed based on an agreed upon growth rate determined by the District, Josephine County, and the State of Oregon. The pipeline has been designed to handle flows for the next 20 years. It will accommodate growth for a longer time period with larger pumps.

Parametrix, Inc.

Consultants in Engineering and Environmental Sciences

1231 Fryar Avenue P.O. Box 460 Sumner, WA 98390-1516
253-863-5128 • Fax: 253-863-0946 • www.parametrix.com

August 2, 1999
PMX# 27-3416-01/2020

Mr. and Mrs. Ozust
4500 Leonard Rd.
Grants Pass, OR 97527

Re: Redwood Sanitary Sewer Service District – Response to Request for Specific Information

Dear Mr. and Mrs. Ozust:

This letter is in response to your questions and concerns regarding the new pressurized sewer pipeline that will be constructed in the District along the existing sewer easement located on your property.

Pressurized pipelines are a well-established science and are routinely used throughout the United States for sewer, water, and gas conveyance. The pipe that will be used on the project near your home is a 6″ diameter, polyvinyl chloride (PVC) pipe called C900. PVC is a type of heavy-duty plastic material. There are several environmental and safety advantages to using PVC pipe, including:

- **Corrosion Proof** – PVC does not rust or corrode. The pipe is extremely resistant to acids and a variety of environmental conditions.
- **Surge Resistance** – The pipe has a high level of safety factors designed into the wall to protect the pipe from pressure surges as well as the normal operating pressure of the system.
- **Earth Movements** – While one can never be assured that pipe will withstand an earthquake or other natural disasters, PVC pipe is made of tough, flexible material that is designed to compensate for movement. This greatly reduces the potential of any system failure due to sudden earth movement.

PVC pipe is rigorously tested by a number of federal and local agencies to make sure it is safe to put in the ground and will consistently contain the pressurized sewage. Before installation, the pipe will be tested at 600 psi (4 times the pressure it is designed to contain) at the factory. The pipe used also meets construction quality assurance measures set by the National Sanitation Foundation, the American Waterworks Association, and Underwriters Laboratories. Finally, the contractor and City of Grants Pass will test the pipeline prior to beginning operation to ensure safety once the system is installed.

The pipe used for this project will have a standard operating pressure class of 150 psi (pounds per square inch). This more than exceeds the needs of the sewer line that will be running across your property. At this time, we expect a minimum pressure of 26 psi and a maximum pressure of 50 psi. Therefore, the sewer line will have much less pressure going through it than what it has been designed for and is capable of handling.

I hope this letter answers your questions and concerns about the sewer system. We believe it is an environmentally safe system that will be well tested before it is ever put into service. If you have any other questions, please feel free to contact me at (253) 863-5128.

Sincerely,

PARAMETRIX, INC.

Steven Gilbert, P.E.
Environmental Engineer

SG:tmd

REDWOOD SANITARY SEWER SERVICE DISTRICT

City of Grants Pass
Utilities Department
101 N.W. "A" Street
Grants Pass, OR 97526
(541) 474-6355 / Fax 476-9261

WASTEWATER TREATMENT PLANT
4960 Leonard Road
Grants Pass, OR 97527
(541) 476-9472

August 6, 1999

Mr. Doug Langevin
4124 Leonard Road
Grants Pass, OR 97527

Re: Redwood Pipeline Project

Dear Mr. Langevin:

Thank you for attending our last public meeting held on July 20, 1999 regarding the construction of the Redwood Pipeline Project. The District appreciates the questions you raised and this letter is a response to your concerns.

Safety Data on C900 Pipe Used for the Project

The pipe that we will be using on this project near your home will be 6-inch diameter, polyvinyl chloride (PVC) pipe called C900. PVC is a type of heavy-duty plastic material. There are several environmental and safety advantages to using PVC pipe. Those advantages include:

Corrosion Proof - PVC does not rust or corrode. The pipe is extremely resistant to acids and a variety of environmental conditions.
Surge Resistance - The pipe has a high level of safety factors that are designed into the wall to protect the pipe from pressure surges as well as the normal operating pressure of the system.
Earth Movements - While one can never be assured that pipe will withstand an earthquake or other natural disaster, PVC pipe is made of tough, flexible material that is designed to compensate for movement. This greatly reduces the potential of any system failure due to sudden earth movement.

PVC pipe is rigorously tested by a number of federal and local agencies to make sure it is safe to put in the ground and will consistently contain the pressurized sewage. Before installation, the pipe will be tested at 600 psi (4 times the pressure it's designed to contain) at the factory. The pipe used also meets construction quality assurance measures set by the National Sanitation Foundation, the American Waterworks Association, and Underwriters Laboratories. Finally, the contractor and City of Grants Pass will test the pipeline prior to beginning operation to ensure safety once the system is installed.

The pipe the District will be using for this project will have a pressure class of 150 psi (pounds per square inch). That means that the pipe has a **standard** operating pressure of 150 psi. This more than exceeds the needs of the sewer line that will be running across your property. At this time, we expect a minimum pressure of 26 psi and a maximum pressure of 50 psi for the 6" diameter pressurized line. This means that the sewer line will have much less pressure going through it than what it has been designed for and is capable of handling.

Information Regarding the Ability of the System to Accommodate Growth

At the public meeting you expressed concern about the ability of the new pipeline system to meet future growth projections in the area. This issue was carefully examined when the Redwood Treatment Plant options were identified and studied. The options were presented to the public in November of 1998 and a preferred alternative was selected by the District based on public input on April 28, 1999. The pipeline option was selected due to lower costs (including construction and operating expenses).

The pipeline was designed based on an expected population growth rate of 3.1% per year for 20 years. This is a standard planning timeline for municipal projects. The District originally planned to build a larger pipeline to accommodate a growth rate of 5%per year; however, the State was concerned that the 5% growth rate was too high in comparison with their predictions. After much deliberation, the District, City, and State agreed upon a growth rate of 3.1%. It will be possible to increase the capacity of the system when it is needed by installing larger pumps at the pump station sites.

Does the Grants Pass Treatment Plant have Capacity for the Additional Flow from the Redwood District?

At this time, the Grants Pass Treatment Plant does have the capacity to accept additional flow from the Redwood District. A Capital Facilities Plan completed in early 1999 studied needed upgrades at the Grants Pass Water Restoration Plant based on growth calculations for the next 20 years. The plant has been scheduled for upgrades beginning sometime in 2000 or 2001. These upgrades

are a result of both projected population increases and stricter environmental regulations. The Redwood Treatment Plant and the Grants Pass Water Restoration Plant were originally designed with less strict treatment requirements. This made it more affordable for the two areas to operate separate treatment plants. Now, stricter environmental regulations have increased the cost and requirements for treatment. As a result, the economy of scale has changed. The current general rule is that if two treatment plants within close proximity are processing less than 100 million gallons per day of wastewater, they are typically better off joining forces to create one larger plant to treat the flows. This trend will likely continue as environmental restrictions including endangered species and tighter discharge requirements are imminent.

How will this Project Impact my Sewer Rates?

The District will not increase sewer rates for the next several years in the Redwood District. The current rates have been generating enough money over the last several years to help finance the needed upgrades to the sewer system.

Does the Existing Easement on my Property Allow for the Construction of a New Pipeline?

According to the language of the existing sewer easement, the construction of a new pipeline is allowed. The existing easement allows the District "the *permanent* right to construct, reconstruct, operate, and maintain sewer lines and all necessary related facilities."

Thank you for your interest and input in this project. If you have any questions please contact Joey Wright at 474-6355.

Sincerely,

Rohel W. Amundson
Utilities Director

cc: William A. Peterson, Jr., City Manager
David A. Smith, District Chairperson
file