

**REGULAR MEETING OF BOARD OF DIRECTORS
ROGUE VALLEY SEWER SERVICES
May 20, 2020**

TIME AND PLACE OF MEETING

The regular meeting of the Board of Directors of the Rogue Valley Sewer Services, Jackson County, Oregon, was held remotely due to the COVID-19 virus on May 20, 2020 at noon.

PLEDGE OF ALLEGIANCE

PRESENT

Kay Harrison, Chair; Wayne Brown, Vice-Chair; Mike Parker, Director; Jim Snyder, Director; Jim Lewis, Director. All Board members appeared electronically.

ALSO PRESENT

Carl Tappert, Manager; Brenda Baldovino, Finance Director; Joan Pariani, Executive Secretary; Shane Macuk, Operations Manager; Nick Bakke, District Engineer; Jennie Morgan, Stormwater Manager.

CONSENT AGENDA

Mike Parker motioned and Jim Lewis seconded approval of the consent agenda consisting of minutes of the April 15, 2020 Board Meeting and the April 22, 2020 Budget Committee Meeting. The motion carried with a unanimous vote of the all board members.

ORDINANCE 20-01: AN ORDINANCE TO AMEND TITLE 7 OF THE ROGUE VALLEY SEWER SERVICES CODE

DEQ did an audit of the discharge permit for the City of Medford. This Ordinance cleans up the language of the title and makes things more consistent. Carl highlighted a couple changes. Control Mechanism is the new name for the permit. Also, everything is referred to as POTW (Publicly Operated Treatment Works). This also includes the collection system. The entire enforcement section and refer back to DEQ policy.

Jim Lewis motioned and Jim Snyder seconded approval of the first reading of Ordinance 20-01. The motion carried with a unanimous vote of the all board members.

RESOLUTION 20-07: PIPE UPSIZING REMBURSEMENT RATES

Periodically RVSS requires a developer to install a larger pipe. RVSS reimburses the developer for the difference in cost. The Resolution updates the most recent costs for reimbursement.

Mike Parker motioned and Jim Lewis seconded approval of Resolution 20-07. The motion carried with a unanimous vote of the all board members.

FINANCE UPDATES

Brenda updated the Board on the third quarter financials.

PROJECT UPDATES

Nick presented the Project updates. Report is attached.

STORMWATER UPDATES

Jennie then updated the Board on Stormwater department activities.

Her report showed the Board a conceptual plan of the refurbished lagoon plan. This would include public access for the Watchable Wildlife Foundation and an upgrade of the Lagoon system. The Board was pleased with the idea.

The rest of the Stormwater Report is attached.

O&M UPDATES

Shane updated the Board on what's going on in the Maintenance Department. Report attached.

MANAGER'S REPORT

RVSS is in phase 1 of the COVID-19 reopening. The treatment department is on their normal schedule. The maintenance department is working on a staggered shift. In the front office, half the crew has the morning shift and then the other half works in the afternoon. When employees are no in the office, they are expected to work from home. Hopefully phase 2 will happen on June 8th.

With the CARES Act, RVSS is eligible to be reimbursed for some of the expenses due to the COVID-19 Quarantine. Carl is working on that report right now. He needs to certify that he has authority of the elected Board to ask for this reimbursement.

Jim Lewis motioned and Mike Parker seconded to certify Carl's authority to make claim to the CARES Act. The motion carried with a unanimous vote of the all board members.

Carl reported on the revenue projection. There has been no change in the water consumption from March and April. He presented a chart of certification from the past few years. He doesn't feel as though the pattern is changing and the revenue projection is good.

Carl attended a work session to discuss options for the Gold Hill Treatment Plant. No decisions were made at that session. Today He and Nick attended a meeting with the financial agencies to discuss options of financing. It does appear that a pre-design engineering report will be required. USDA requires that 100%. Now Gold Hill will need to find funding to fund the pre-design report.

The Gold Hill City Council has agreed to an amendment that will allow RVSS to use excess funds to repair infrastructure.

Mike Parker motioned and Jim Lewis seconded to approve the Gold Hill A. The motion carried with a unanimous vote of the all board members.

The consultant that was hired has developed some logos for consideration. Carl took a poll on what the Board members liked and didn't like. After some consideration, Carl will go back to the consultant and have some of the logos modified.

CLAIMS LISTING

Mike Parker motioned and Jim Lewis seconded to approve the Claims Listing May in the amount of \$1,006,618.21. The motion carried with a unanimous vote of the all board members.

ADJOURNMENT

There being no further business, the meeting was adjourned at 1:22 p.m.

ROGUE VALLEY SEWER SERVICES



Kay Harrison, Chair
Board of Directors



Joan Pariani, Executive Secretary



ROGUE VALLEY SEWER SERVICES

Location: 138 West Vilas Road, Central Point, OR - Mailing Address: P.O. Box 3130, Central Point, OR 7502-0005
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May 14, 2020

To: RVSS Board of Directors
From: Nick Bakke, District Engineer

J164, Onyx Sewer Rehab (Eagle Point):

This project will replace approximately 1000 feet of 8 inch concrete sewer, associated manholes, and 4 inch services in the right of way. The existing concrete lines are in poor condition and on the special cleaning list. The project will be constructed this spring. Map attached.

- **Updates:** The project is substantially complete. A corrective work punch list will be created and retainage will be released once all punch list items are done. The City of EP has requested the contractor stay on site to perform some additional waterline work as well. Once the waterline work is complete, the City will re-pave the street and RVSS will reimburse the City for the trench paving associated with sewer rehab.
- **Status:** Under construction
- **Payments:** April Payment - **\$86,054.28**

J188, 6th Street Sewer Replacement (Phoenix):

This project will replace approximately 184 feet of 8 inch sewer at the intersection of 6th Street and S Pacific Highway in Phoenix. The pipe is on the special cleaning list, has poor grade and is in very poor structural condition. Open trench construction will be a little tricky as the pipe crosses S Pacific Highway at a very busy intersection. This project will be constructed this summer.

- **Status:** Design

J244, Platt Sewer Rehab (Eagle Point):

This project will install approximately 1450 feet of 8 inch sewer, associated manholes, and 4 inch services in the right of way. The new sewer will replace existing 8 inch concrete sewer in poor condition as well as shared 4 and 6 inch services currently serving approximately 12 properties. The project will be constructed this spring. Map attached.

- **Updates:** The project is substantially complete. A corrective work punch list will be created and retainage will be released once all punch list items are complete. The City of EP has requested the contractor stay on site to perform some additional waterline work as well. Once the waterline work is complete, the City will re-pave the street and RVSS will reimburse the City for the trench paving associated with sewer rehab.
- **Status:** Under Construction
- **Payments:** April Payment - **\$195,228.80**

J303, Sowell Drive Sewer Realignment

This project will realign approximately 300 feet of existing 8 inch sewer at the intersection of Sowell Drive and Kinworthy Drive in Shady Cove which is currently running across the corner property near the residence. The opposing service line has adverse grade within the right-of-way and is exposed in the roadside ditch. The current sewer configuration will not allow the service to be fixed without trenching

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diagonally across the corner property and large cut bank. This project will relocate the main into the right-of-way and allow the existing service line with to be repaired with proper grade. This project will be constructed this summer.

- **Status:** Design

J312, FY 2020 CIPP Projects (South Valley)

This project will utilize Cured in Place Pipe technology to line approximately 4,300 feet of existing 8", 10" and 12" sewer in Jackson County & Jacksonville. CIPP technology will be utilized as an alternative to traditional trenching or pipe realignment where pipes are directly adjacent to or under existing mobile homes or other structures. Pipes in high traffic roadways requiring long term traffic control are also good candidates for CIPP.

- **Updates:** Project Pre-TV and cleaning will begin in the next few weeks.
- **Status:** Construction

I004, Dunn Pump Replacement:

This project will upgrade the existing Dunn Pump Station motors, pumps, and controls. RH2 Engineering will perform the pump, motor, and system control design as a large portion of this project includes electrical and system control. Design will be completed in Fiscal Year 2020 and construction is anticipated in Fiscal Year 2021.

- **Updates:** RH2 Engineering has submitted 60% design plans which have been reviewed by RVSS. A few items were discussed at length and will be addressed as follows:
 - o New readily available check valves are larger than the existing valves and will not fit in the station due to the piping configuration. Smaller check valves can be ordered but procurement time is 9-12 weeks. Repurposing the existing check valves has been explored but the existing valves are welded to the existing piping and appear to be near the end of their usable life. RH2 is currently taking another look at the pipe configuration but it's likely RVSS will pre-purchase the smaller check valves to avoid pushing construction into the winter.
 - o Custom stainless steel flanges and new gate valves were installed just outside of the wet well on the three existing pumps in 2010. A similar custom flange and new gate valve will be needed at the new pump location with this project. Installation of this flange will require additional bypass pumping and the flange to be custom built. RVSS and RH2 will work together to establish an approximate procurement time and project schedule to accommodate the bypass pumping.
- **Status:** Design



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May 20th, 2020

To: RVSS Board of Directors
From: Jennie Morgan, Stormwater Program Manager

RE: Stormwater Program Update

Logo and Branding Contract Proposal

You have been provided with draft logos produced by the contractor, please let us know your preference.

Interpretive Signage Proposal

We have reviewed the first round of draft signs and the contractor is working on revisions.

Middle Rogue Pesticide Stewardship Partnership

A webinar has been scheduled for those interested in learning about the results of the 2019 pesticide sampling. We have also produced the attached two page fact sheet that describes the results.

Construction Site Runoff

We have cancelled two classes for Designated Erosion and Sediment Control Inspector certifications that would have been held April 2nd and May 7th. These will be rescheduled as soon as possible.

RVSS Lagoon Public Access Advisory Group

RVSS has formed an advisory group to gather input on creating formal public access facilities at the Kirtland Rd. lagoons. The lagoons have long been a favorite birding spot, but formal access has never been provided. With RVSS' increased use of the lagoons in recent years and increased interest in the site from the Watchable Wildlife Foundation, now is the time to address and reduce potential use conflicts. The first meeting of the public advisory group was held May 14th. The group includes representatives from the Rogue River Watershed Council, Rogue Valley Audubon, Oregon Department of Fish and Wildlife, Watchable Wildlife Foundation.

Middle Rogue Pesticide Stewardship Partnership, 2019 Summary

Gordon Jones, Jennie Morgan, Kora Mousseaux, John Speece, & Karelia Ver Eecke, Members of the MRPSP Coordinating Council

Introduction

The Middle Rogue Pesticide Stewardship Partnership (MRPSP) was established in 2014 as part of the Oregon Department of Agriculture's statewide effort to monitor water quality, particularly in connection to agricultural practices. Each year the MRPSP team collects water samples, which are analyzed by the Oregon Department of Environmental Quality (ODEQ). The results are used to inform outreach and education efforts as they relate to water quality and pesticide use; assess the use of chemicals of greater concern; and to develop communication tools and strategies to reach MRPSP's constituents. MRPSP's stakeholders include agricultural applicators; state and county agencies; irrigation districts; landscape contractors; public and private forestry managers; urban residents; and municipalities. The overarching goal of the MRPSP is to reduce the frequency of pesticides detected at concentrations greater than 50% of the aquatic life benchmark within the monitored watersheds.

In 2019 the MRPSP collected water samples from four tributary watersheds of Bear Creek: Jackson Creek, Larson Creek, Payne Creek, and Wagner Creek (Figure 1). Water samples were taken on regular intervals March through October. Based on the 2019 monitoring data, the MRPSP has identified three priority pesticides that warrant further attention due to observed concentrations, detection frequency, and their toxicity to aquatic life: diuron, imidacloprid, and oxyfluorfen.

This summary is intended to provide readers with a broad overview of the data collected and analyzed for the 2019 MRPSP sampling season, for more details and contact information for the MRPSP Coordinating Council, please visit: <https://bit.ly/MRPSP>. It is important to note that the MRPSP's charge is to evaluate pesticide detections in surface waters within the Middle Rogue Watershed. Therefore, our data should not be interpreted as a comprehensive analysis determining the presence or absence of pesticides in our environment.

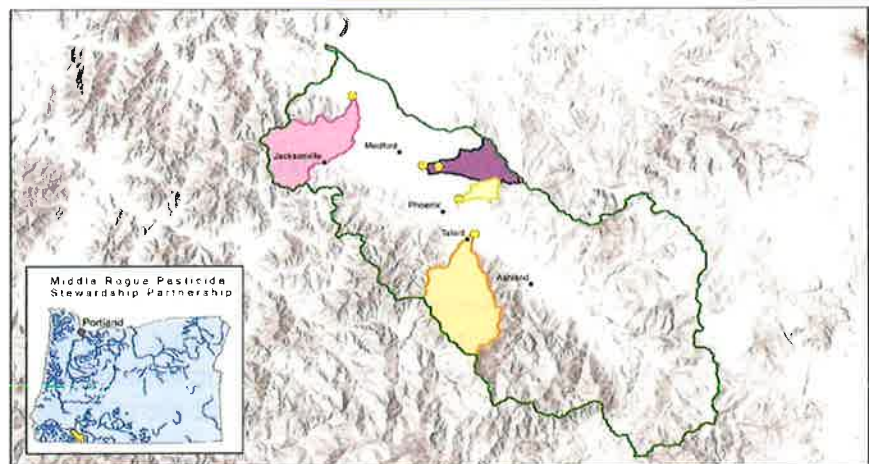
Terms to Know

Aquatic Life Benchmark: a research-derived concentration of a given chemical which is found to be lethal to aquatic organisms. The aquatic life benchmarks used by MRPSP were developed by the US Environmental Protection Agency.

Detection Frequency: the proportion of samples in which a given chemical was detected across all grab samples collected within a given year

Pesticide: any substance, or mixture of substances, intended to prevent, destroy, repel, or mitigate any pest

Pesticide of Interest: a pesticide identified to occur at concentrations approaching or exceeding Federal, State, or Tribal human health standards or aquatic life benchmarks. These pesticides are determined locally by the MRPSP using data from ODEQ.



Middle Rogue Pesticide Stewardship Partnership



Figure 1 Watersheds sampled by MRPSP in 2019.

Data Analysis & Interpretation

During the 2019 sampling season, the MRPSP detected thirteen chemicals in four watersheds. Of the thirteen chemicals detected, eight were detected at less than 10% of their aquatic life benchmark. Only one chemical, imidacloprid, exceeded the aquatic life benchmark (Table 1). The MRPSP focuses attention on chemicals that are detected at high frequency or at concerning concentrations relative to EPA established aquatic life benchmarks, visit <https://bit.ly/EPAaqualife> for more information on how aquatic life benchmarks are established and applied. In 2019 MRPSP's pesticides of concern were imidacloprid, diuron and oxyfluorfen (Table 1).

Oxyfluorfen and diuron are herbicides. Imidacloprid is an insecticide. All three of these pesticides can be used on wine grapes and pears, common crops in the Rogue Valley, but are also labeled for a range of other applications. Oxyfluorfen and imidacloprid were detected in Jackson and Payne Creeks. Many meetings with agricultural applicators of these compounds have been led by the MRPSP and application strategies that will result in reduced pesticide runoff were discussed. Diuron is used to control road-side vegetation and was found in Jackson, Larson, and Wagner creeks. The MRPSP is working with public works crews throughout the county to improve best management practices to minimize runoff from diuron applications.

Table 1 MRPSP pesticides of interest based on 2019 data. Note that only imidacloprid was detected in concentrations greater than its aquatic benchmark.

Compound	Selected Trade Name	# of Samples	# of Detections	Detection Frequency (%)	Aquatic Life Benchmark (µg/L)	Number of Benchmark Exceedances
Imidacloprid	<i>Admire, Gaucho</i>	56	5	8.9	0.01	5
Diuron	<i>Karmex, Direx, Kovar</i>	56	23	41.1	2.4	0
Oxyfluorfen	<i>Goal, Goaltender, Galigan</i>	56	6	10.7	0.29	0

Conclusion

As our dataset continues to grow, MRPSP partners have been able to identify the pesticides most common and of greatest concern in the Bear Creek Watershed, and in doing so are working to develop communication materials and strategies for the most likely users of those chemicals. The intention of pesticide monitoring is that applicators, the general public, and research scientists will better understand how and why certain pesticides accumulate and move through our local watersheds. Over time, the MRPSP will continue to offer education, technical assistance, and incentives for the adoption of scientifically-based, best management practices to ensure appropriate pest control while reducing or eliminating pesticide contamination of surface waters.



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To: RVSS Board of Directors
From: Shane Macuk, Operations Manager

RE: Operations & Maintenance Report

Collection System

- a. Rotational Footages: Staff have flushed a total of 64,221' and have video inspected 44,218'.
- b. Special Cleaning: Flushed 3,526'.
- c. New Construction: Video inspected 5,231' and flushed 3,580'.
- d. Lagoons: Received 207,940 gallons of septage, 19,010 gallons of porta potty waste and 27,615 gallons of FOG for a total of \$38,174.75.
- e. Gold Hill:
 - a. Special Cleaning: Flushed 2,336'.
- f. Special Cleaning Summary: 30.5 equipment hours and 72 labor hours were spent on special cleaning for a total cost of \$4,490.80.
- g. Talent Irrigation District: Video inspected ahead of a slip line project.
- h. City of Rogue River: Flushed line that was plugged with grease that resulted in an SSO.

Pump Stations

- a. Shady Cove #6: Pump failure resulting from a bas float.

Building & Grounds

- a. Kitchen counter remodel was completed.

FOG Update

- a. Nothing to report.

Vehicles & Equipment

- a. New TV van chassis is on the move and headed to the box upfitter.