

# ECONOMIC FEASIBILITY STATEMENT

## TO FORM A SPECIAL DISTRICT

### South Deschutes Vector (Mosquito) Control District (Proposed Name of District)

**Date:** 30 March 2021

**Re:** Feasibility Statement for the Formation of a Vector (Mosquito) Control District

**Attachment:** Map attached

This feasibility statement forms the basis for the proposed permanent tax rate of \$0.40/\$1,000.

#### **DESCRIPTION OF THE SERVICES AND FUNCTIONS TO BE PERFORMED OR PROVIDED BY THE PROPOSED DISTRICT:**

The proposed Vector (Mosquito) Control District is intended to reduce the mosquito populations in South Deschutes County, for residents affected by the high populations of mosquitoes produced along the flooded edges of the Little Deschutes River. The mosquitoes are produced from areas near the river, from flooded oxbows, most of which are un-inhabited properties. These, mostly un-inhabited properties, produce most of the mosquitoes within the southern Deschutes County, along the Little Deschutes River. Control is currently non-existent at these sources, which causes mosquitoes to migrate for miles to affect properties that have no control of operations on the mosquito producing lands. Mosquito populations are extensive from May through August each year, which affects the residents and tourism in the area.

The proposed boundaries include the westerly boundary of the City of La Pine and extends north to Burges Road. The southerly boundary will share a boundary with the Deschutes/Klamath border.

This proposed Vector Control District proposal is in response to the high mosquito populations that plague residents in the area. Currently, many residents pay to control mosquitoes on their property. All of which pay significantly more money each year than this District proposes. Controversially, most of the properties paying private companies to spray for mosquitoes do not produce, control, nor address the sources of mosquitoes. Residents are currently paying between \$100 and \$2,000 each year to have their property sprayed to prevent mosquitoes from biting their families. Most of the mosquitoes migrate back in from properties out of their control. These properties that produce the mosquitoes will be the focus of larval mosquito control, to prevent mosquitoes from migrating throughout the area.

In addition to surveying and treating approximately 1,000 acres of mosquito larval sources along the Little Deschutes River each year, Vector Control operations will include ULV fogging of the public roads and right of ways and target adult mosquitoes when/where needed. The same services an in-house vector control program provides elsewhere in the State, at a significantly reduced cost on for the taxpayers.

**AN ANALYSIS OF THE RELATIONSHIPS BETWEEN THOSE SERVICES AND FUNCTIONS AND OTHER EXISTING OR NEEDED GOVERNMENT SERVICES:**

Currently, the City of La Pine controls mosquitoes within their jurisdiction. The City utilizes the services of a commercial Vector Control company to provide the services. Outsourced services in these seasonal activities are significantly less expensive than their in-house, Vector Control counterparts, while providing superior results.

While the annual estimated income based on a \$0.40/\$1,000 budget would be less than the initial start-up budget for equipment, assets, etc, outsourcing Vector Control services eliminates the need for the new District to purchase expensive assets. All funds received from the property taxes would only be spent on operational activities, not expensive assets.

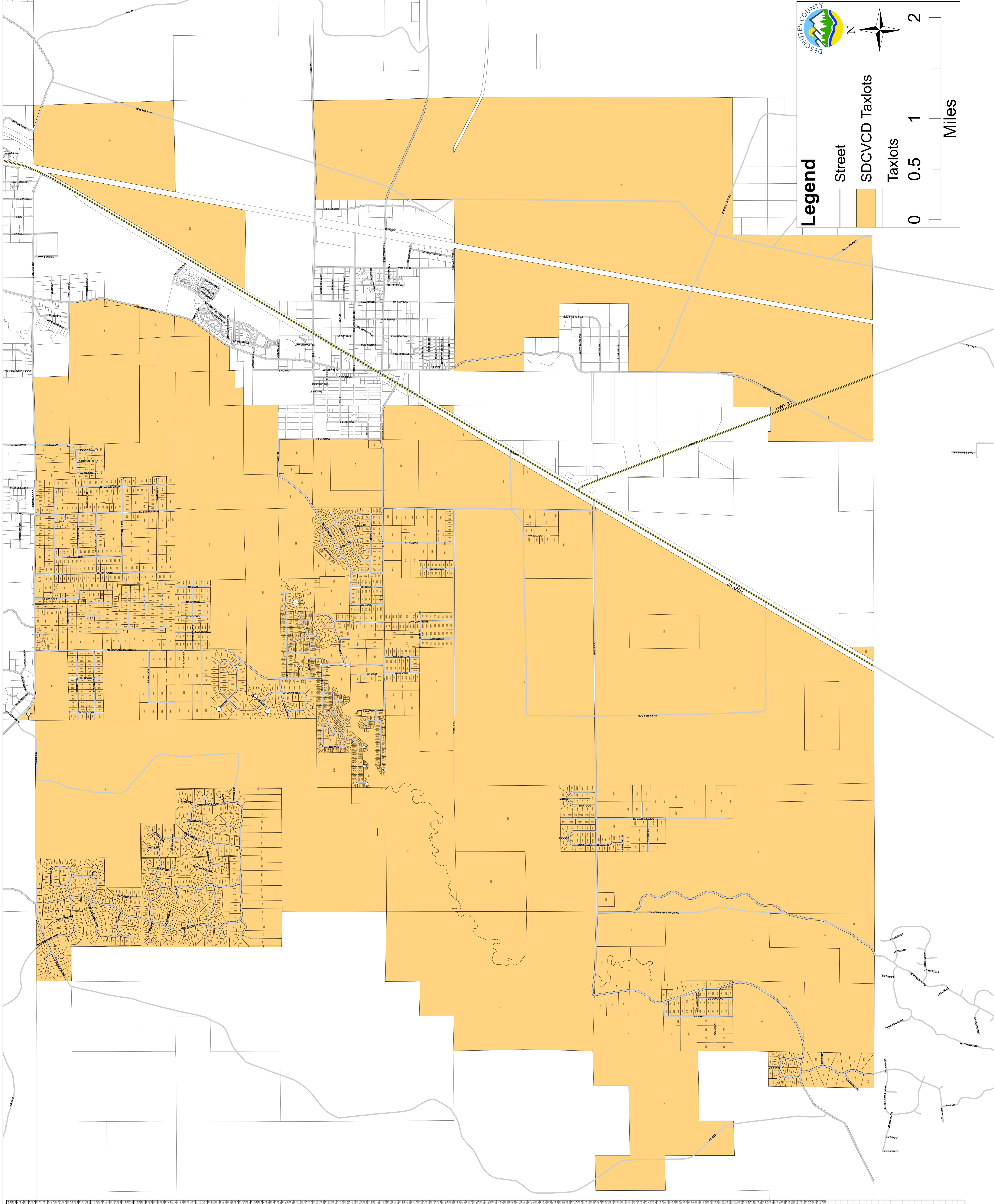
**A PROPOSED FIRST YEAR LINE ITEM OPERATING BUDGET AND A PROJECTED THIRD YEAR LINE ITEM OPERATING BUDGET FOR THE NEW DISTRICT THAT DEMONSTRATES ITS ECONOMIC FEASIBILITY:**

The proposed boundaries for the Vector Control District consist of inhabited and un-inhabited properties. The average appraised value (taxable) of properties within the District is \$88,120 with the highest property appraised at \$2.05M. A permanent tax rate of \$0.40/\$1,000 will generate approximately **\$82,000 in property tax revenue** the first year with an assessed value of property in the District is approximately \$205,000,000. A home with an assessed tax value of \$100,000 would pay \$40.00 per year for Vector Control and a home valued at \$200,000 would pay \$80.00 per year.


The Proposed District covers 6,327 (approximately 9.886 square miles) along approximately eight (8) miles of the Little Deschutes River. The economic feasibility statement must be attached to the petition when it is filed with the county and before it is circulated for signing. There are approximately 69.5 miles of roads that would be able to be fogged from. Approximately 1,000 acres of potential mosquito sources are along the areas adjacent to the Little Deschutes River.

<b>Proposed Resources Required</b>			
	<b>1st Year</b>	<b>2nd Year</b>	<b>3rd Year</b>
Insurance	\$ 1,500.00	\$ 1,530.00	\$ 1,560.60
Legal	\$ 2,500.00	\$ 1,500.00	\$ 1,000.00
Advertising	\$ 2,500.00	\$ 1,500.00	\$ 1,000.00
Contracted Services	\$72,000.00	\$73,080.00	\$74,176.20
Contingency	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
<b>Total Resources Required</b>	<b>\$82,000.00</b>	<b>\$81,110.00</b>	<b>\$81,236.80</b>

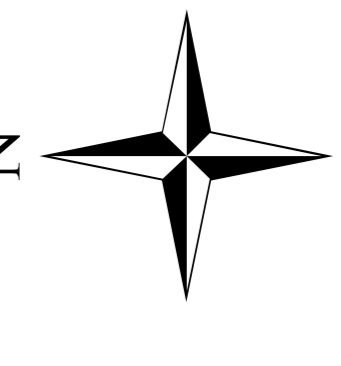
*Table 1Three (3) year Operating Budget*




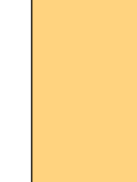
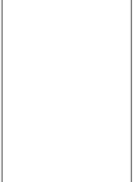
**DESCHUTES COUNTY**



N

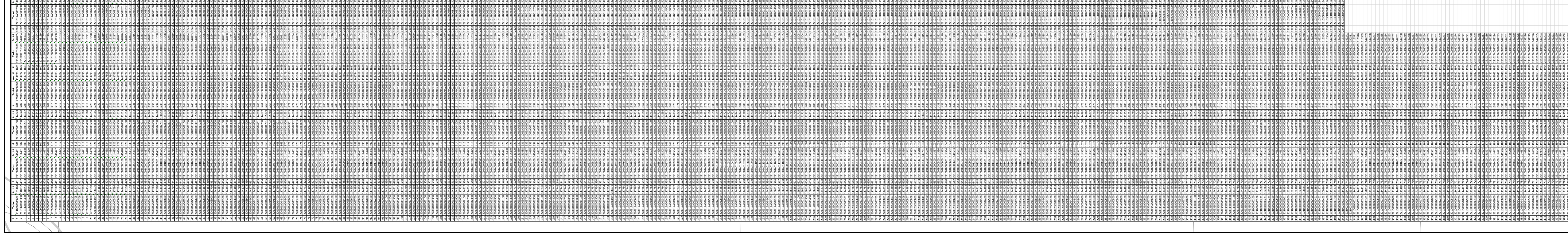


**Legend**

-  Street
-  SDCVCD Taxlots
-  Taxlots

0 0.5 1 2

Miles



NAME OF DISTRICT: South Deschutes County Vector (Mosquito) Control District

Formation  Withdrawal  Annexation

PRINT NAME		DATE SIGNED	PROPERTY ADDRESS/ RESIDENCE ADDRESS (If Different)	LANDOWNER IN THE PROPOSED TERRITORY/ REGISTERED VOTER IN THE PROPOSED TERRITORY
1	<hr/> Print Name <hr/> Signature	<hr/> Date	<hr/> PROPERTY ADDRESS <hr/> RESIDENCE ADDRESS (If Different)	<b>Landowner</b> Yes _____ No _____ Acreage _____ <b>Registered Voter</b> Yes _____ No _____ Pre _____
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I, \_\_\_\_\_, certify that I circulated this petition, and every person who signed this petition did so in my presence. Signature: \_\_\_\_\_

County of \_\_\_\_\_ State of \_\_\_\_\_  
 SUBSCRIBED AND SWORN before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Notary Public for Oregon \_\_\_\_\_ My Commission Expires: \_\_\_\_\_  
 Signature \_\_\_\_\_ (affix notary stamp)

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