1 CITY OF HOMER 2 HOMER, ALASKA 3 City Manager/ 4 Public Works Director 5 ORDINANCE 21-16(A) 6 7 AN ORDINANCE OF THE CITY COUNCIL OF HOMER, ALASKA, 8 AMENDING THE 2021 CAPITAL BUDGET AND AUTHORIZING EXPENDITURE OF \$50,000 FROM THE HART-ROAD FUND AND 9 10 \$50,000 FROM THE WATER CARMA HAWSP FUND TO PAY FOR 11 GROUND WATER RESEARCH IN THE CITY LIMITS AND BRIDGE 12 CREEK RESERVOIR WATERSHED. 13 14 WHEREAS, The City's only water source, the Bridge Creek Reservoir, collects surface and 15 ground water; and 16 WHEREAS, Groundwater exacerbates the City's drainage challenges; and 17 18 19 WHEREAS, The sources, volumes and locations of groundwater in the local area are not well understood; and 20 21 22 WHEREAS, The Kachemak Bay National Estuarine Research Reserve ("KBNERR"), and 23 its partners at the University of South Florida, recently concluded groundwater research on 24 lands to the north of the Bridge Creek Reservoir, the purpose was to better understand how 25 groundwater affects fish streams; and 26 27 WHEREAS, The technology and the methodology of analysis used by KBNERR would be 28 equally effective in mapping ground water sources for other purposes; for example, to help understand the impact of groundwater on drainage or water supply; and 29 30 31 WHEREAS, We recently issued a Term Contract to Coble Geophysical, who, among other things, provides expertise in groundwater analysis; and 32 33 34 WHEREAS, We plan to form a collaboration to conduct research about local 35 groundwater conditions; and 36 37 WHEREAS, This work will involve collecting/analyzing water well logs from as many sources as we can find, using the methodology for groundwater mapping developed by 38 39 KBNERR and its affiliates, as well as the combined scientific expertise of all parties to 40 synthesize the data and develop findings that would lead to sensible policies and implementation strategies; and 41

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WHEREAS, We seek an appropriation of \$100,000 for this research, which would be distributed between KBNERR and Coble Geophysical as their specific scopes of work are finalized and negotiated; and

WHEREAS, Since the outcomes of this work would benefit the road/drainage works as well as its water works, we propose to split the costs equally between the HART-Road Fund and the Water CARMA HAWSP Fund.

WHEREAS, The City's HART-Road Fund and Water Sewer CARMA <u>HAWSP</u> Accounts have sufficient funds to contribute an equal share of the cost of this research.

NOW, THEREFORE, THE CITY OF HOMER ORDAINS:

Section 1. The City of Homer's 2021 Capital Budget is hereby amended by appropriating \$100,000 as follows to pay for groundwater research in the City Limits and the Bridge Creek Reservoir watershed:

Account No.	<u>Description</u>		<u>Amount</u>
256-0378	Water CARMA		\$ 50,000
205-xxx	HAWSP		\$ 50,000
160-xxxx	HART- Road		\$ 50,000
		Total	\$ 100,000

<u>Section 2.</u> This is a budget amendment ordinance, is not permanent in nature, and shall not be codified.

ENACTED BY THE CITY COUNCIL OF HOMER, ALASKA, this 12th day of April, 2021.

 KEN CASTNER, MAYOR

CITY OF HOMER

75 ATTEST:

MELISSA JACOBSEN, MMC, CITY CLERK

81 YES: 6 82 NO: 0

83 ABSTAIN: 0 84 ABSENT: 6



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First Reading: 3.2221

Public Hearing: 4.12.21

89 Second Reading: 4.12.21

90 Effective Date: 4.13.21