

Scott Boettcher

From: Lee Napier <Lee.Napier@lewiscountywa.gov>
Sent: Monday, December 17, 2018 9:02 AM
To: Scott Boettcher
Subject: RE: Summary and Results of Polling ----- RE: Flood Authority Executive Committee Call

Thank you.

From: Scott Boettcher <scottb@sbgh-partners.com>
Sent: Friday, December 14, 2018 4:45 PM
To: Lee Napier <Lee.Napier@lewiscountywa.gov>
Cc: Graham Gowing <Graham.Gowing@lewiscountywa.gov>
Subject: Summary and Results of Polling ----- RE: Flood Authority Executive Committee Call

Hi Lee. As we discussed, the Flood Authority's Executive Committee met today (we held a conference call). The purpose of the call was to review and discuss proposed O&M costs for the flood warning system for 2019. Executive Committee members (Commissioner Blake, Commissioner Fund and Commissioner Raines) were asked whether or not they agreed with the proposed costs for their jurisdiction for 2019. Each of the members did agree with the proposed costs for their jurisdiction as presented (see attached) and did agree to pay those costs for 2019. Please let me know if this summary of today's Executive Committee call is satisfactory. Thanks!

Scott

-----Original Appointment-----

From: Scott Boettcher
Sent: Wednesday, December 12, 2018 8:22 AM
To: Scott Boettcher; Bud Blake; Edna.Fund@lewiscountywa.gov; VRaines@co.grays-harbor.wa.us
Subject: Flood Authority Executive Committee Call
When: Friday, December 14, 2018 3:15 PM-3:30 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Call

Topics:

1. Discuss/approve Flood Warning System annual (2019) O & M cost (Scott will prepare memo.)
2. Discuss nominations process for 2019 Flood Authority chair positions (Scott will prepare a proposed process.)

Scott

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December 14, 2018

TO: Flood Authority Executive Committee Members
FROM: Scott Boettcher, Staff
SUBJECT: 2019 Flood Warning System Budget and County Shares

Purpose of this memo is to allocate 2019 Flood Warning System annual costs (www.chehalisriverflood.com). We will discuss this later today. Please feel free to contact me with questions (360/480-6600, scottb@sbgh-partners.com).

Breakdown of 2019 Annual O & M Costs

Breakdown of 2019 Annual O & M Costs		2014	2015	2016	2017	2018	2019	Difference 2018-2019
WEST Consultants	<i>Gage maintenance</i> -- 10 gages (including 2 stream gages) located across Chehalis Basin.	\$38,438	\$38,438	\$38,438	\$38,438	\$39,207	\$39,991	\$784 ^(a)
	<i>Gage maintenance</i> -- 2 new Centralia stream gages funded under previous contract.	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WEST Consultants	<i>Operational support</i> – Includes: Website monitoring; Updates for routine operations; Updates for potential flood events; Etc.	\$11,336	\$11,336	\$11,336	\$11,336	\$11,563	\$11,794	\$231 ^(b)
WEST Consultants	<i>Spare parts inventory</i> - Extra parts in the event of broken or malfunctioning gages.	\$0	\$6,000	\$2,000	\$2,000	\$2,000	\$2,000	\$0
OneRain	<i>Website</i> -- One-rain annual subscription (225 sensors in and near Chehalis Basin).	\$3,811	\$3,811	\$5,261	\$5,261	\$5,877	\$5,877	\$0
Lewis County	<i>Billing and processing.</i>	\$0	\$900	\$900	\$900	\$900	\$900	\$0
Total -->		\$53,585	\$60,485	\$57,935	\$57,935	\$59,547	\$60,562	\$1,015

Notes:
 (a) 2% cost increase for WEST services/support.
 (b) 2% cost increase for WEST services/support.

Recap of 2014-2018 Allocation Approach

Annual costs for 2014, 2015, 2016, 2017, and 2018 were allocated among the three Flood Authority counties as follows:

- Grays Harbor County -- 22%.
- Lewis County -- 64%.
- Thurston County -- 14%.

The method behind the allocation was as follows:

- 50% of the allocation was based on populations of communities prone to flooding.
- 50% was based on historic FEMA flood insurance payments.

This allocation approach was unanimously supported by the Flood Authority beginning in 2014 (see [here](#)).

Staff Recommendation

Flood Authority agrees to use the same allocation approach as last year (see [here](#)) on the basis that relatively not a lot has changed in the Basin in terms of population shifts and/or exposure to flood risk, i.e., Lewis County still has largest population and risk exposure in the Basin.

2019 annual costs are proposed in the same manner as 2018 with Grays Harbor County paying 22% of costs, Lewis County paying 64% of costs, and Thurston County paying 14% of costs. Costs for 2019 are as follows:

	2018:	2019:	Difference:
Grays Harbor County (22%)	\$13,100.34	\$13,323.73	\$223.39
Lewis County (64%)	\$38,110.08	\$38,759.94	\$649.86
Thurston County (14%)	\$8,336.58	\$8,478.74	\$142.16

Staff will work with Lewis County to prepare payment schedule (1st half due 3/31/2019; 2nd half due 7/31/2019).

Note: Lewis County, acting as fiscal agent for the Flood Authority, has historically handled billing and processing for payments associated with the Flood Warning System. It is assumed this practice will continue for 2019. It should be noted however that Lewis County's role here could be modified/adjusted as further thought and consideration is put into ownership, operation and maintenance of the Flood Warning System in light of the Office of Chehalis Basin and Lewis County Flood Control Zone District assuming more prominent roles in the Basin.