



July 14, 2021

TO: Flood Authority Members
FROM: Scott Boettcher, Staff
SUBJECT: Flood Warning System -- Relocations

The following Flood Warning System relocations will be discussed at Thursday's Flood Authority meeting. Please feel free to contact me with questions (360/480-6600, scottb@sbgh-partners.com).

A. Gage relocations:

- Two gages have been relocated.
 - Haywire moved to a nearby location on Green Diamond property (see [here](#)).
 - Rock moved to Mason Fire District 12 (see [here](#)).
- Three of four remaining gages will be relocated late-August/early-September 2021. Relocation funds have been carried forward. Last remaining gage (Newaukum) will be relocated spring/early summer 2022. See tracking table (next page).

B. Webcam relocation

- Agreement in place with Chapman Farms to relocate Monte-Elma webcam to Chapman Farms.
- Relocation will occur late-August/early-September 2021.
- Discussing mounting and location options, considerations.

C. Also -- Aberdeen Gage (Wishkah River):

- IT technical staff at the City of Aberdeen, OneRain, and West Consultants are continuing to work to find a way to consume data collected from the City's Wishkah river gage site and upload to OneRain's site.

Flood Warning System Relocation Summary

Rain Gage	Location	Elev.	Lat.	Long.	Property	Longevity	Notes
<u>BROOKLYN</u> ○	Current	1041	46.7280830	-123.5452500	Weyerhaeuser	n/a	n/a
	New	1600	46.6844440	-123.3616670	Weyerhaeuser	10-12 years	No trees visible. Higher elevation. Agreement pending.
<u>HAYWIRE</u> ✓	Current	1792	47.3213083	-123.5955889	Green Diamond	n/a	n/a
	New	1212	47.3197640	-123.5803880	Green Diamond	10-12 years	A little lower elevation, but nearby. Agreement issued.
<u>ROCK</u> ✓	Current	1416	46.5279720	-123.3990560	Weyerhaeuser	n/a	n/a
	New	350	47.1339420	-123.3109280	Mason County Fire District #13	Permanent	Lower elevation. Permanent placement. Agreement issued.
<u>SKOOKUMCHUCK</u> ○	Current	1784	46.7527560	-122.5459940	Weyerhaeuser	n/a	n/a
	New	2000	46.7530560	-122.6047780	Weyerhaeuser	10-12 years	Trees 1/2 to 1' tall. Agreement pending.
<u>CHEHALIS BLW</u> <u>THRASH</u> ○	Current	689	46.4785440	-123.2971670	Weyerhaeuser	n/a	n/a
	New	1300	46.4685710	-123.2805640	Weyerhaeuser	10-12 years	No trees visible. Agreement pending.
<u>NEWAUKUM</u> ○	Current	1594	46.6702580	-122.6126580	Weyerhaeuser	n/a	n/a
	1. NR3	2500	46.6464500	-122.5179190	Weyerhaeuser	10-12 years	Trees 1/2 to 1' tall. Location under evaluation.
	2. NR1	2200	46.6539910	-122.5552450	Weyerhaeuser	10-12 years	Location under evaluation.
	3. NR5	1800	46.6505130	-122.5625330	Weyerhaeuser	10-12 years	Location under evaluation.
<u>WEBCAM</u> ○	Old	16	47.001143	-123.495199	Flood Authority	n/a	Already decommissioned from Monte-Elma bridge.
	New	15	46.981400	-123.491919	Flood Authority	n/a	Less chance of vandalism, still on Satsop river. Agreement issued with Chapman Farms.