



Chehalis River Basin Flood Control Zone District

Erik P. Martin, P.E., District Administrator

*351 NW North St
Chehalis, WA 98532-1900*

Chehalis River Basin Flood Control Zone District Regular Meeting Minutes

Location: Lewis County Commissioners Hearing Room, 2nd floor of the Historic Courthouse, 351 NW North St., Chehalis WA 98532
Meeting Date: Wednesday, October 27, 2021
Meeting Time: 2:30 pm

Call to Order

The meeting was called to order by Chehalis River Basin Flood Control Zone District Supervisor Swope at 2:31 p.m., Wednesday, October 27, 2021. Those in attendance were:

Sean Swope	Chehalis River Basin FCZD Supervisor
Lindsey Pollock	Chehalis River Basin FCZD Supervisor
Erik Martin	Chehalis River Basin FCZD Administrator
Betsy Dillin	Chehalis River Basin FCZD Engineer
Lara McRea	Interim Clerk, Board of Supervisors
Frank Corbin	Chehalis River Basin FCZD Advisory Committee Member (Zoom)
John Henricksen	Chehalis River Basin FCZD Advisory Committee Member (Zoom)
Jim Waldo	Chehalis River Basin FCZD consultant (Zoom)
John Robinson	Chehalis River Basin FCZD consultant (Zoom)
Doyle Sanford	Community Development (Zoom)
Lee Napier	Community Development Director (Zoom)
Mindy Brooks	Community Development (Zoom)
Edna Fund	Office of the Chehalis Basin Board Member (Zoom)
J. Vander Stoep	Office of the Chehalis Basin (Zoom)
Austin Majors	Public Information Specialist
Amber Smith	Civil Deputy, LC Prosecutor's Office
Nic Scott	KELA

Verification of a Quorum

There is a quorum of two district supervisors.

Approval of minutes for August 25 and September 22, 2021

Supervisor Swope made a motion to approve the minutes of August 25 and September 22, 2021. Supervisor Pollock seconded the motion.

Motion approved.

Public Comment

No public comment.



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Invoice approvals

(Grant 17-1373 Chehalis Basin Strategy Participation)

Vendor	Date	Service	Amount
GTH	Aug 2021	Governmental affairs svcs-Aug	15,290.00
GTH	Sep 2021	Governmental affairs svcs-Sep	12,607.50
LC Public Works	Aug 2021	Staff time/Betsy Dillin-Aug	1,742.46
LC Public Works	Sep 2021	Staff time/Betsy Dillin-Sep	3,781.35
LC Administration	Aug 2021	Staff time Martin/McRea-Aug	2,431.32
LC Administration	Sep 2021	Staff time Martin/McRea-Sep	2,321.07
HDR Engineering	Aug 2021	Eng Svcs for AMM 8.1-8.28.21	23,040.51
HDR Engineering	Sep 2021	Eng Svcs for AMM 8.28-9.25.21	5,784.42
HDR Engineering	Aug 2021	Eng Svcs 8.1-8.28.21	30,019.76
HDR Engineering	Sep 2021	Eng Svcs 8.29-9.25.21	15,506.62
Kleinschmidt	Aug 2021	Eng Svcs 7.31-8.27.21	17,690.33
Kleinschmidt	Sep 2021	Eng Svcs 8.28-9.24.21	1,016.10
Jones & Jones	Aug 2021	Cultural Resources through 8.27.21	5,720.00
Jones & Jones	Sep 2021	Cultural Resources through 10.1.21	3,025.00
Stoel Rives LLP	Aug 2021	Prof Svcs through 8.30.21	1,736.00
Chronicle	Sep 2021	Legal notice	51.29
East County Journal	Sep 2021	Legal notice	43.68
		TOTAL ALL EXPENSES:	141,807.41

(Grant 18-2599 Comprehensive Flood Hazard Management Plan-Phase 2)

Vendor	Date	Service	Amount
Perteet Engineering	Aug 2021	Eng Svcs 8.2-8.29.2021	9,340.00
Perteet Engineering	Sep 2021	Eng Svcs 8.30-10.3.2021	7,203.05
LC Public Works	Aug 2021	Staff time Aug Dillin CFHMP	378.14
LC Public Works	Sep 2021	Staff time Sep Dillin CFHMP	120.24
LC Community Dev	Aug 2021	SEPA Checklist	1,300.00
		TOTAL ALL EXPENSES:	18,341.43

(Grant .09 Distressed Counties Funding)

Vendor	Date	Service	Amount
Kleinschmidt	Aug 2021	Eng Svcs 7.31-8.27.21	1,456.68
Kleinschmidt	Sep 2021	Eng Svcs 8.29-9.24.21	741.86
HDR Communications	Aug 2021	Communications support	5,246.84
HDR Communications	Sep 2021	Communications support	4,523.96
		TOTAL ALL EXPENSES:	11,969.34

Grand Total of all expenses: \$ 172,118.18



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Erik gave a briefing of the expenditures.

Motion made by Supervisor Pollock to approve the invoices totaling 172,118.18. Supervisor Swope seconded the motion.

Motion approved.

Establish Chair and Vice Chair

Supervisor Pollock made a motion to approve Supervisor Swope as chair and herself as Vice Chair of the Chehalis River Basin Flood Control Zone District. Supervisor Swope seconded the motion.

Motion approved.

Resolution No. 21-004 Notice of hearing for the 2022 budget adoption

Supervisor Swope made a motion to adopt Resolution No. 21-004 notice of hearing for the 2022 budget adoption.

Supervisor Pollock seconded the motion.

Erik reported that this is a resolution to adopt the 2022 Chehalis River Basin Flood Control Zone District Budget. The hearing will be held on Tuesday, December 7 at 3:30 2021 on or after 3:30 p.m. at the Lewis County Courthouse in the Commissioner's hearing room. The notice will be published on November 25 and December 2 in the Chronicle and on December 1st in the East County Journal.

Supervisor Swope said the motion was made and seconded.

Motion approved.

Comprehensive Flood Hazard Management Plan (CFHMP) update

Betsy reported that the draft CFHMP has been posted for public comment. Christina from Perteet is updating the plan with any comment she receives. She will also submit the plan for an FCAAP review which stands for Flood Control Assistant Account program. FCAAP is a grant program through the Department of Ecology. The district wants to put it through the FCAAP review in case the program were to be funded.

The hearing is adopt the CFHMP for both the county and the district is scheduled for Tuesday, November 30.

Project Update

Erik reviewed a PowerPoint regarding the flood protection project that was created by the district's communications consultant.

Erik discussed that the Board of County Commissioners created the flood control zone district after the 2007 and 2009 floods as way to help with flooding. The goals of the district are reducing the risks associated with flooding, preserving life, preserving damage to property and protecting, preserving and conserving natural resources.

He discussed that people live in Lewis County because they love the natural environment.



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Erik noted the challenges facing the Chehalis Basin. One is the devastating and frequent floods and the second being the declining populations of salmon and other aquatic species. The district is a part of the strategy that is trying to deal with those issues.

Erik said the catastrophic flooding flow rate is about 75,100 cubic ft. per second at the Grand Mound gage. This has happened 5 times over the past 35 years. Some scientists predict that catastrophic floods will also become more frequent. By the end of this century, catastrophic floods may occur as frequently as once every 27 years.

In the 2007 and 2009 floods:

- ▶ Floodwaters shut down I-5 for several days—blocking access in and out of local communities—and caused extensive damage to homes, farms, and businesses.
- ▶ Damages from cost more than \$900 million for each flood, and flood-related erosion impacted large areas of agricultural land.
- ▶ Approximately 1,600 commercial livestock, including 400 dairy cows, were lost in the 2007 flood in Lewis County.

The project is a flood retention facility on the Chehalis River near Pe Ell and would only operate during major flood events. Right now the indicator is 38,800 cubic ft. per second projected at the Grand Mound gage. That is when the flood retention facility would operate once it is in place. Most of the time the river would flow through the bottom of the facility much like it does today.

The effectiveness of the flood retention facility has to be coupled with improvements to the levee at the Chehalis-Centralia Airport. Parts of it would need to be raised 2-7 ft. depending on the location. Raising the levee is integral to protecting the twin cities area even with the flood retention facility in place.

This project will help protect basin communities and also communities downstream from major and catastrophic flood damage.

Modeling has shown that the project would:

- ▶ Reduce floodwater levels would on over 4,000 acres.
- ▶ Reduce flood damages to structures by 72% during catastrophic floods. That adds up to savings of \$241 million!
- ▶ Reduce flood levels at the airport by 50% and reduce the duration of flooding.
- ▶ Reduce the likelihood and duration of I-5 closures.

This project is an essential part of a larger Chehalis Basin strategy that is being worked on at the state level and has local involvement. The strategy is also looking at smaller projects around flooding and work to protect and restore aquatic species and habitat.

With the project the district will commit to a no-net-loss of habitat function for fish and other aquatic species. This commitment was put forth to the Army Corps of Engineers and the Dept. of Ecology.

Erik noted that the Chehalis Basin Board passed the biennium budget and the district received about 4 million to continue work on the project.

The Dept. of Ecology and the Army Corps of Engineers are working on separate final Environmental Impact Statement (EISs). Later in 2022, the public will have an opportunity to review those documents and comment on them.



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Announcements

No announcements.

Adjournment

Supervisor Pollock made a motion to adjourn, Supervisor Swope seconded the motion. Motion passed. Meeting adjourned at 2:47 p.m.

Respectfully submitted,

Lara McRea
Interim Clerk