Chehalis River Basin Flood Authority
Special Meeting
WSU Extension Office Conference Room
Lewis County Courthouse

October 20, 2011 – 9:00 a.m.
Meeting Notes

Board Members Present: Edna Fund, City of Centralia; Jim Cook, City of Aberdeen; Ron Averill, Lewis County; Julie Balmelli-Powe, City of Chehalis; Terry Willis, Grays Harbor County; Dan Thompson, City of Oakville; Mark Swartout, Thurston County
Board Members Absent: Vickie Raines, City of Montesano; Andrea Fowler, Town of Bucoda, Dolores Lee, Town of Pe Ell
Others Present: Please see sign in sheet

Handouts/Materials Used:

- Agenda
- Draft Website language for existing site
- Handout for Early Warning System
- Draft work plan for H & H Modeling work
- Map of H & H Modeling reaches
- Draft Project List
- Chehalis River and Tributaries Study List
- Chehalis Gages
- State Team Comments and Responses

1. Call to Order and Welcome
Ms. Fowler called the meeting to order and stated Ms. Powe would be conducting the meeting for Chairman Raines who had a family medical emergency.

2. Introductions
Self-introductions were made by all attending.

3. Education and Outreach Committee
a. General update
Ms. Fund gave an overview of the legislative tour on October 7 and provided handouts for those who could not attend. She thanked everyone who helped put the tour together. The Education and Outreach Committee will ask for feedback on the potential website and on the subject of flood awareness.

Ms. Fund stated the Education and Outreach Committee had two conference calls and two meetings in September and without the committee a lot of work would not be accomplished.

Ms. Fowler added that the Education and Outreach committee adopted the outreach plan. That committee was also responsible for putting the legislative tour together. It took a lot of effort and she thanked everyone involved.

The Committee is also working on a stakeholder plan and how to get good information to Flood Authority members, to people in the community and elected officials.

b. Review draft website

Ms. Fowler has been working with the Education and Outreach Committee on the existing website to understand what the public is seeing when they log on to that site. Currently one must navigate to find what is needed. A new idea is to put information at the top of the page that is self-explanatory and add links to key documents. The Committee was comfortable with this and asked if there should also be a public page and a link to searchable archives.

Mr. Boettcher stated there is a lot of new information coming in every week. iPRMT can help with this. He showed a mock-up of how it would look and work and what he has done so far. He suggested keeping the purpose up front and the list of draft projects can be posted with the most current at the top of the list. He continued to say that it is important to know there is a site with all the current information. All original sources will be available – not referenced, but the actual document. He is trying to put everything in front to increase the credibility of the process. This tool will make it easier for the Flood Authority members to do their work.

There can be a Frequently Asked Questions (FAQ) tab. People have questions about the Flood Authority and what the Flood Authority is doing. There is no cost for maintaining or operating this site. Mr. Boettcher stated he, Mr. Hueckel and Ms. Fowler will be the webmasters as part of their contracts. Links will be easier than posting actual documents or sending emails because there are different limits as to what a computer will accept.

Mr. Boettcher explained the tabs that were shown on the mock-up. They can be modified but they give an idea of what is available.

Commissioner Averill asked who will answer the FAQs. Mr. Boettcher stated he, Mr. Hueckel and Ms. Fowler will answer the questions first; the Education and Outreach Committee will review and modify the answers if necessary and then they will go to the Flood Authority. Mr. Boettcher would like to have the answers on the website by November 11. He will continue to take questions and they will all go through the above process. Commissioner Averill mentioned that questions regarding dredging and sediment management have been asked in the past.

Mr. Boettcher stated he would give instructions to everyone as to how to navigate the iPRMT web site; secure passwords are not necessary.

Ms. Powe stated it would be very helpful if the website had a prominent link for river conditions. Mr. Boettcher stated he recognizes there are a number of reasons for people visiting the web site: information on the Flood Authority, on the early warning system or history. It is challenging to think about how to organize it so that it is intuitive.

Ms. Fowler stated she is also working on other social media. If there is a flood and the internet goes down, what do people do? This is a topic for another day but she encouraged feedback.

c. Discuss Early Warning System roll-out/flood awareness

Ms. Fowler distributed a handout regarding the Early Warning System. West's contract specifies a roll-out to see how it works. The Education and Outreach Committee can combine this with flood preparedness. Thurston County has a couple of events scheduled in October and a preparedness expo at St. Martin's college as well as emergency training.

Commissioner Averill stated Lewis County has training on November 3 for first responders, United Way, Red Cross and whoever participates in an emergency.

Commissioner Willis stated nothing is scheduled for Grays Harbor County but there is interest. Perhaps there could be public outreach with emergency responders hosting a workshop.

Ms. Fowler would like feedback on how to put something like this together. There is a difference in the Early Warning System to the general public than for the practical or technical issues. Dr. Curtis is available in November and is prepared to give a technical briefing in the basin.

Mr. Boettcher stated Dr. Curtis can set it up to send alerts when river levels are at a certain height. Other areas have different systems. He asked if the Flood Authority wants alerts set up. There is a small budget for them to do the roll out. Ms. Fowler suggested anyone interested in this could meet during the lunch break.

Ms. Powe noted that the handout states you can pull up river levels. She asked if it gives current time for those levels. Ms. Fowler stated she did not know.

Mr. Swartout stated he did not believe this contract included inundation maps. Commissioner Averill thought it did because this system was designed for emergency management people and that's what they go by. Ms. Fowler stated she would check it out. If people are not finding information they need, West will want that feedback. This is meant to be a workable tool for everyone.

Mr. Karpack stated that there is no model for the lower reach so a flood map cannot be produced for that area. Water levels on topography could be done but that would not be a refined flood map.

Commissioner Averill stated the Lewis County BOCC signed a letter this week to get West access on Weyerhaeuser property. Not all the gages are in yet. The West contract was state wide and the Flood Authority was able to get West to use the Chehalis Basin as a pilot project based on basin-wide information. A lot of people depend on the USGS site but it only has USGS gages. The flood season is coming up and first responders are getting ready. This is the time to tell the early responders that there is a new system and it is not just USGS gages but West's system including Weyerhaeuser and Doppler radar. This is a high priority because nothing is going to be built in the near future to protect people from flooding. We need to get the word out that this information is available.

Ms. Fowler stated West wants to know what they can do to walk people through the system.

Commissioner Averill stated for the first responders that will be easy but it's the public he is concerned about. We can use local media: newspapers, radio, etc. We need more than the USGS sites.

Commissioner Willis stated Doppler needs to be there beside USGS. West is having trouble getting on Weyerhaeuser property and she would like an update on when the gages will be installed. Ms. Fowler

stated DNR has been a problem. Keith Phillips is trying to help. Mr. Hueckel and Ms. Fowler are following up on that and Ms. Fowler will also ask Dr. Curtis. Ms. Fowler stated a question was asked on the tour as to why there is not a gage on the Chehalis Tribe's reservation. She did not know the answer.

Commissioner Averill stated that question needs to be asked of West Consultants. They went to the Tribe to find out if current gages were satisfactory. If the Tribe wanted another gage, that would have been the time to address it.

Mr. Swartout stated he would like to see a gage at the Skookumchuck Dam, or at least for the Trans Alta gage to be live. That would be helpful to Bucoda and the emergency management people.

Ms. Fowler stated the Education and Outreach Committee thought that the 2nd or 3rd week in November would be a good time for public meetings in each county. She would like to know what each community needs, not just for the early warning system but for flood preparedness also. She will coordinate but others need to take the lead. This could be another topic at lunch.

Commissioner Averill stated we want to bring in an emergency manager to talk about public outreach and what they have to deal with. Emergency management has two different systems to look at.

Ms. Fund suggested asking Centralia College to host the meeting. It could be taped and put on the local TV station. She asked if other cities had local channels that could be utilized in that way.

Mr. Chapman stated Lewis County does a yearly mailer to everyone in the flood plain explaining about the flood season. This mailing could be delayed if the Flood Authority wanted to add something to it. Mr. Nacht stated the City of Chehalis does the same thing.

After discussion and suggestions, Ms. Fowler summarized: There is an interest in doing public forums in each county regarding flood awareness; time is important; we need to draft language about what this is and get the information out; and West Consultants needs to attend as many meetings as possible to reach as many people as possible. Ms. Fowler stated she would set these things in motion. If there is further discussion, she suggested the lunch break.

Ms. Fowler asked Mr. Hughes with the Chronicle how he might get this information out. Mr. Hughes stated he would be happy to talk about it.

4. Project Committee

a. Process to date

Ms. Fowler stated the Projects Committee has covered a lot of ground and is making great headway. The list of projects and sources for projects has grown. The Committee will coordinate with Mr. Karpack regarding specific projects so his model can be set up to analyze that project. Projects need to be prioritized, receive feedback and more information on other projects so the Committee knows how to prioritize.

There is a need for more studies on the tributaries. The Corps does not have the funding and there has been a discussion with Mr. Phillips about combining this with the Twin Cities project.

Commissioner Averill stated he participated in Anchor's enhancement project meeting. Anchor presented a list of projects that were developed through the Watershed Management Plan, such as

culverts, bridges, etc. and many of those are not on the project list and they should be. These are projects that might not be apparent but the state is responding to a suit because of culverts that are too small and the Tribes are saying there is not enough progress being made. The problem is there is not enough money to fix them.

Mr. Swartout stated FEMA Region 10 sends out a newsletter and one article was about bridges and culverts. He would like to see that sort of category in the projects list. The newsletter could be forwarded.

Mr. Hueckel stated the projects are not new but uses are going to be multi-faceted. He met with Mr. Schlenger regarding enhancement and project lists are emerging. When the Flood Authority gets to the projects list he would like to discuss some thoughts regarding uses of enhancement projects and infrastructure projects. We can be creative to get to the ultimate end point to get projects that are shovel ready.

b. Coordination with OFM Alternative Measures

OFM has to have the Alternative Measures report done by July next year. Mr. Phillips has been working with four state agencies - Conservation, DOE, WDFW and DOT - asking for their role in completing the report. Each gets funding from a portion of the state capital budget to engage with the Flood Authority. The Conservation/NRCS funding came in and got approved about a week ago. Ms. Fowler stated we need to figure out how to coordinate with the state agencies and others to be able to have a report that lays out all the alternative measures, identifies funding sources, etc.

Ms. Hempleman understood that OFM was going to hire a consultant to coordinate this. Mr. Hueckel stated that is the direction they are going but no one has been hired yet. They really needed to hire someone a week ago and it has not happened. Ms. Hempleman stated DOE has an interest in getting it going. If it is used well it will be an important report.

Commissioner Willis asked what funding will be used. Commissioner Averill stated OFM has $1.2 million for the Twin Cities project and $1.32 million for the Flood Authority. There is another pot for state agencies that is about $500,000.

Mr. Butch Ogden, Washington State Conservation Commission, stated that as of last Friday they had not received any information from Mr. Phillips about money from the Commission. NRCS funding came through with CTA funding, which is money they use to pay staff. The Commission received $140,000 and had to match it with 25%. The money will go to the Lewis Conservation District to prepare a study on all the reports done for the Chehalis Basin from 1933 on. Bob Amrine started working with the Timberland Library four or five months ago and they have almost finished the sweep of reports. The deadline is November 30.

Lewis Conservation District applied for funding through the 566 program for doing watershed work and asked NRCS if it could be used in the Chehalis Basin. The projects look at storage for water supply and flood control.

Ms. Fowler asked if there would be an opportunity to work with other conservation districts. Mr. Ogden stated the Commission would like to involve the other two districts. He works with all the districts. He will be meeting with Grays Harbor County next month and he did meet with the Thurston County manager. Interlocal agreements are drawn up to share the work.

Ms. Fowler asked what the funding is for and how it is distributed. She would like to leverage additional resources and projects. Commissioner Willis asked if the funding had already been spent. Mr. Ogden stated the contract was written yesterday but he is not sure and he will try to find out. The total amount was obligated but if we come up with something with another district it can be amended.

c. Draft Work Plan for H & H Modeling work

Mr. Karpack distributed some handouts and spoke to the timeline for the hydraulic work plan. He stated WSE and West were brought on board to conduct the study and at the September meeting they provided a list of questions that need to be answered for the work plan. On September 30 Version 1 of the draft plan was released and with that a list of questions that need answers to help refine the draft.

The Projects Committee met on October 4 with answers and developed the second draft. Mr. Hueckel sent out that draft with the agenda for this meeting. Comment reviews from the state came in this week and the final draft is at this meeting (it has the October 19 footer). There are not a lot of differences; mostly refined costs. The surveying is more expensive than originally thought. Mr. Karpack reduced his costs to offset that and to keep it under the allowable budget. Most other costs went down.

The other documents include comment responses from the technical team. Mr. Karpack stated he would not go through the comments in detail but there were a couple that needed discussion. One was the need for a two-dimensional model and there were questions about the hydrology with the Corps. There were questions about topographic data in the downstream basin.

The response to the two dimensional (2-D) model was that WSE does not have the time or the budget to collect the data necessary for the 2-D model. WSE believes the 1-D model is appropriate and will give the information that is needed. A 1-D model and extension of the model brought down from Montesano is a good thing to do. It is not a waste of money.

Commissioner Averill stated that by putting an artificial deadline of February 2012 on this project we are limiting our options. There is a concern that we finish the modeling and the objective is to get the basic data throughout the basin. The second objective is to take that model and see what it does under various water retention options or flood relief alternatives. Anything else can go past our deadline.

Mr. Karpack stated the tributaries will be discussed. This model extends from Pe Ell to Aberdeen. The HEC-RAZ model, which considers storage, will look at upstream retention, Corps projects, the Skookumchuck project, levees, etc. One other alternative is potentially removing obstructions at bridges. This model would provide that. The primary mission is to keep within the deadline. When we talk about tributaries we can do more with more time and more money; it may not be necessary within the timeframe we have.

Regarding hydrology, is WSE to provide ecological flows and are they talking to the right people? We will talk with reviewers and have them talk to West.

Mr. Karpack stated he needs to look at topographic data and he doesn't know if the 2002 data is enough. He removed that as a task deferring it to a later time. The comments were to look at it again. Mr. Karpack learned there are some things that he can do with the information he has, such as the new LiDAR data, and he has done comparisons using the 2002 data. In areas where it is clear the data is

within about one foot of each other. The older data tends to do a poor job of picking up channels and looking under vegetation.

There is new LiDAR data being done but it will not be available until March. It will go upstream from Montesano to the Lewis/Thurston County line. That will be available after Mr. Karpack's model is done. Reconstructing that data will not be a tough task and it will not be too expensive.

WSE will also be collecting survey data in the channel, comparing topographical data on the banks to the LiDAR data. They can do an evaluation of how good the LiDAR is but would like to wait until March when the new data is in hand, but Mr. Karpack does not recommend throwing out the study and stopping.

Commissioner Averill stated FEMA is going to run more LiDAR. Thurston County and Grays Harbor County are talking about it. We have a normal schedule to conduct updates and money is set aside to do that. For two years we did not do it because we ran out of the window of time. We may have some county money and we can see where it would best be spent.

LiDAR will be run on the Black River in December. Mr. Karpack stated Thurston County is ahead of FEMA; he has reviewed the first returns and they look good and he expects the end product to be out by the end of November. It is only a narrow piece of the watershed but it can be used.

Mr. Karpack stated comments were sent to DOE and the work plan is moving forward. The focus of the project is to model from the Twin Cities project to the mouth of the river. West is under contract with the Corps to do parts of that model. Porter to Montesano will be built, leaving Grand Mound to Porter and Montesano to the mouth. About $100,000 of the $400,000 was targeted for this study. The $100,000 will go to evaluate additional alternatives as yet undefined (possibly bridges). There is a $26,000 placeholder for that.

Mr. Karpack stated that Task 5d will refine things on the main stem. Knowing that Mellen Street might be an alternative he wants to make sure the model is appropriately set up there to look at restrictions.

Commissioner Averill stated the bridge contributes to the problem but where the Skookumchuck connects to the Chehalis it is all bedrock and that is the biggest problem. Mr. Karpack stated that is the purpose of the model refinement. Only $7,000 is allocated for that and it may not be needed. They will look at it if the existing model needs refinement or if the Corps work needs to catch up.

Task 6b is the tributaries: the Satsop, the Black River, the Newaukum River and the Skookumchuck River. The handout begins pulling the studies together for these tributaries and WSE will make recommendations.

Commissioner Willis spoke to restrictions. She stated there are others besides Mellen Street. Mr. Karpack stated he can look at several flood relief ideas if they are fairly simple. If something structural has to be done only one alternative may get done. He stated he was vague because he did not know what the cost or benefit would be.

Mr. Chapman stated SR 6 creates a backwater effect from Mellen Street. Mr. Karpack stated that would get to WSE through the Projects Committee as an alternative.

Mr. Karpack explained that the map handed out is West's watershed delineation for hydrologic data development. He would like to final the draft work plan and work ahead even though some things are vague. He would also like to finalize the contract.

Ms. Powe stated that would be covered at the afternoon meeting. She asked for questions.

Ms. Fowler stated there would need to be an amendment to the afternoon agenda regarding working with a sub-consultant of West's. Mr. Karpack explained WSE has a surveyor but they are getting a late start. West is familiar with this surveyor and would like them to do the reach from Porter to the county line. WSE's would go from Montesano downstream.

Ms. Fowler stated she is working with the Project Committee to define the scope of work, coordinating with the Corps, state and others, and gathering information to be ready to get approval. Mr. Hueckel will be providing updates to the Project Committee since some things are not definable.

Commissioner Averill spoke to the statement of work on the back page. He stated there is some flexibility with these numbers. He has spoken with Mr. Phillips about another pot of money for other projects.

Mr. Hueckel pointed out that Task 4-D lists $1.2 for projects. Mr. Phillips is trying to squirrel some away. If we go to him with projects with a nexus that is fundable by the Corps that would give us a head start for the funding.

d. Review and discuss draft process list

Mr. Hueckel stated he likes to see the end point and it is his opinion that we are trying to get something shovel ready. The objective is to prioritize projects that will need funding and make sure they are able to be permitted. How do we package that? We need to compensate for impacts so it will successfully compete for funding.

We need to develop a package that is attractive. Within this list there are projects that are good for flood relief and that are good for fish and some are good for both. Those that are good for flood relief may need to include projects that are good for fish as a mitigated option. Watershed based mitigation is very acceptable. We need to compensate for impacts within a reasonable distance from the project. Prioritizing the project that is good for fish may not happen. Conceptually we are looking at enhancement projects; some merge very well; some are only good for fish. These projects can be looked at over time to come up with the top ten or top twenty, etc. This is not something that has to be done overnight but we need to frame where we are going by developing the project list.

Mr. Hueckel stated we could also develop a capital funding list that goes out 8 years for state capital funds. We can tell the legislature: this is how we think this would be put together in various biennia of the state capital budget. Think about how we can use this project list to obtain funding for shovels in the ground.

Mr. Boettcher added that Mr. Dunshee listed his criteria. He wants projects that are bedded in communities, he wants jobs, and he wants projects shovel ready. Any project list should have a column that talks about how many jobs this might generate. He also says "match" which means he will not give capital dollars at 100%.

Commissioner Averill asked if Mr. Boettcher knew what the shared costs might be. Mr. Boettcher heard 30% but the bigger the match the better the chance. Mr. Dunshee is trying to create a capital budget for jobs, which is a serious challenge. We need to look at projects that meet all his criteria.

Mr. Hueckel stated we need to develop the list that you are going to market to different entities for different types of funding.

Ms. Powe asked if the project list could be broken down by WRIA. Could we concentrate on projects that we need information on? Mr. Hueckel stated that is not a bad idea. There are lines on the map dividing up the watershed already so separating them into WRIAs makes sense.

Mr. Hueckel stated if a project is only fish friendly and does nothing for flooding, is it added to the list? Commissioner Averill stated if mitigation is involved, also. It was decided there will be two lists but they will be kept track of and can be separated by categories.

Ms. Powe stated she would like the fish list added to the enhancement list. The enhancement team only pays attention to criteria that evaluates projects as to how good they are for fish and not how applicable they are for funding. Mr. Hueckel stated those are dealt with separately. We need a list that is proven in terms of being relative to fish production.

Mr. Swartout asked about bank mitigation. Mr. Hueckel stated do bank mitigation first and use it as a credit.

5. Identify Next Steps

Mr. Hueckel stated one next step is adding management plans to the list. He did not make any decisions to remove anything but there are some projects for WDFW. There is not a good definition and that may need to be looked at. This will be done at the next sub-committee meeting. Commissioner Averill stated most of the "removes" on the list were probably already done but they need to be reviewed. Mr. Hueckel stated he left them in there because the funding category needs to be beefed up.

Ms. Fowler asked the Projects Committee to schedule a meeting date. The Committee needs to review the list and name some sources and those will be linked to the state side so the Flood Authority has a good idea of what is on the list and why it is there. Commissioner Willis stated it would be helpful to meet as soon as possible to get ahead of the legislature's decision-making process.

Mr. Hueckel stated projects that are done do not need to be on the list. Think about mixing with mitigation options. Will you prioritize the list or categorize the list to make choices? What is most important to whom? What are the project types? What are the funding types? How do you best sell the projects? You may have to prioritize if you are going for capital. Look at projects that create jobs.

6. Public Comment

Mr. Vince Panesko stated there was talk of uncertainty when doing the modeling. He understood that a 2-D model would diminish the uncertainty.

Mr. Karpack stated in theory the level of field work can refine errors or uncertainties in modeling. We are talking + or – a foot. He did not agree that the 2-D would remove that uncertainty. The benefit of 2-D is the ability to look at detail.

Mr. Panesko asked how long the 2-D would take.

Mr. Karpack stated all the channels would need to be surveyed – about 14 miles at a cost of $15,000. A 2-D model would require ten times the density with those processes. The benefit would be in tidal channels and you it would require more benefit data. Mr. Karpack stated 2-D would be very useful anywhere in the basin and it would provide greater information. It would take two months to get data collection and everything is more complicated.

Mr. Chapman stated the data being used now is from USGS with a 15% barrier. Mr. Karpack stated with hydrology what you put in is what drives it; there is always uncertainty. Mr. Hueckel's model is a linked node model. The way it becomes 2-D is any one node links to another node. The hydraulics in HEC-RAZ is more sophisticated.

7. Adjourn

There was no other business before the Flood Authority and adjournment was at 11:57 a.m.

Chehalis River Basin Flood Authority
Business Meeting – 1:30 p.m.
Lewis County Courthouse
351 NW North St.
Chehalis, WA 98532

October 20, 2011
Meeting notes

Board Members Present: Ron Averill, Lewis County; James Cook, City of Aberdeen; Edna Fund, City of Centralia; Mark Swartout, Thurston County; Terry Willis, Grays Harbor County; Dan Thompson, City of Oakville; J Vander Stoep, Town of Pe Ell; Julie Balmelli-Powe, City of Chehalis
Board Members Absent: Andrea Fowler, Town of Bucoda, Vickie Raines, City of Montesano
Consultants Present: Lara Fowler, GTH; Greg Hueckel, SBGH Partners
Others Present: Please see sign in sheet

Handouts/Materials Used:

- Memo from GTH re: Coordination Services
- Letter from Chairman Raines to Quinault Indian Nation
- Letter from Larry Karpack to the Chronicle
- Letter from LC BOCC to Weyerhaeuser

1. Call to Order
Ms. Powe, acting Chair, called the meeting to order at 1:35 p.m. Ms. Powe explained that Chairman Raines had a family medical emergency and could not attend the meeting.

2. Introductions
Introductions were made by all attending.

3. Approval of Agenda
Ms. Powe stated she would like to add an amendment to the H & H modeling plan, Item 9, and also add discussion of the GTH contract, Item 10. A motion was made by Commissioner Averill to approve the agenda as amended, seconded by Ms. Fund. The agenda was approved by consensus with the additions.

4. Approval of Meeting Notes from September 15, 2011
Ms. Powe entertained a motion to approve the business meeting notes and special meeting notes of September 15, 2011. Commissioner Averill made the motion; Mr. Cook seconded. Chairman Willis stated in both notes her jurisdiction was listed as Thurston County rather than Grays Harbor County. The notes were approved by consensus with the corrections.

5. Public Comment
There was no public comment.

6. Reports
a. Chair's Report
Ms. Powe stated Chairman Raines had not provided a Chair's report.

b. Correspondence

Ms. Fowler stated there were three pieces of correspondence. One was a letter from the Quinault Tribe requesting consultation with the Flood Authority regarding their perspective on flooding. Their staff has been attending the fisheries technical meetings. There is work being done by Mr. Hueckel to set up a meeting on the fisheries work that Anchor QEA is doing and that will include the Quinault Indian Nation.

Another was a copy of a letter sent by Mr. Karpack to the Chronicle clarifying his remarks about what water retention might or might not do in terms of flooding issues downstream. A copy of that letter was in the member packets and distributed via e-mail.

The third letter is a clarification that Mr. Karpack is the prime contractor with Watershed Science and Engineering and is looking to use another survey company. That survey company was not part of his original contract. Commissioner Averill and Mr. Carter wanted to make sure the request was formalized and it will be an action item later in the agenda.

Ms. Fowler stated Chairman Burnett of the Confederated Tribes of the Chehalis Reservation sent a letter back to Chairman Raines which was circulated to the Flood Authority. The Executive Committee is working on two letters. One is a formal thank you and a note of appreciation; the second will have a number of items to discuss with the Tribes: hydraulic modeling, projects, gages and others.

c. Member Reports

Commissioner Averill stated there was a request from West Consultants who is doing the study and improvement of the Early Warning System in the Basin. They still have some gages that they are attempting to install as part of the warning system. They need access to Weyerhaeuser property for that installation and Weyerhaeuser requested that it is confirmed that West is working for the Flood Authority. Commissioner Averill sent a letter as chair of the BOCC and fiscal agent for the Flood Authority advising Weyerhaeuser that West Consultants does work for us. That should get West the access they need.

Mr. Thompson stated that Oakville is the repository for emergency Red Cross materials. The Red Cross is closing some offices and consolidating others and they approached Oakville about increasing Oakville's capacity of accommodating 75 people to 150 people during an emergency. Oakville is working on an agreement with the Red Cross on warehousing the materials so they are available immediately if needed.

Ms. Powe reported that Chehalis had received some grant money some time ago for raising homes and questions have come up about why this has not been done. Ms. Powe stated the person that was going to head that program has been laid off due to budget cuts and the city is looking for a way to manage the money so the program can be used.

d. State Team Report

There was no State Team report.

e. Corps of Engineers Report

There was no one present to give the Corps of Engineers report. Ms. Fund asked if there was any information about the completion of the report on the Twin Cities project.

Mr. Vander Stoep stated he had seen a draft Corps report that was given to the local congressional office. He did not think it was ready for public distribution. They estimated that the cost of the Twin Cities Project has risen to over $200 million and Mr. Vander Stoep understood that was without the Skookumchuck Dam because of the lack of modifications to the dam that would not be technically feasible.

7. October 7, 2011 Legislative Tour

a. Acknowledgements

Ms. Fund stated the Outreach and Education Committee, with the help of many others, put the Legislative Flood Tour together for October 7. She acknowledged Lionel Pinn, bus driver, who went out a day early to map out the route and stopping points; and, all the people who gave narratives on the bus (there were technical difficulties at the training facility where the tour originated). These included Commissioner Averill, Larry Karpack, Commissioner Schulte, Chip Elliott, Dolores Lee, Dave Finn, Ron from the Conservation District, Ruth Peterson, Don Koidahl, John Donahue, Dianne Dorey, Emil Pierson and Commissioner Willis. The Centralia Police Department was able to get an escort for one of the legislators who got caught in the traffic jam caused by the accident on I-5.

Ms. Fund stated the Committee knew it would not be possible to tour the entire basin in the time that the legislators had, and there were other complications, but she stated a good impression was made and she welcomed feedback and suggestions about possible future tours.

Commissioner Averill thanked everyone who was involved in the preparation and execution of the tour. It was well designed and everyone on the bus got a lot of information. Unfortunately, only two legislators were on the bus, although there were several staff members there and they would take a message back to the legislators. Mr. Dunshee, who requested the tour, was unable to join the group until the tour was nearly over. He will be briefed by the capital budget staff but Commissioner Averill suggested the Flood Authority spend more time with him to make sure some important points are transmitted to him.

Ms. Powe stated the back-up at the Mellen St. on/off ramp did have a bright side and that was that the [legislators] got a feel for what it is like when there is a flood and I-5 is blocked.

Ms. Powe stated there were preliminary discussions about another tour that would cover the lower basin.

Commissioner Willis stated she had spoken to Ms. Fowler about what was discussed regarding Thurston County and Grays Harbor County at the end of the field trip. It is important that the lower end of the basin is toured and hoped others would agree with that.

b. Debrief

Ms. Fowler stated that during the tour she was in New Hampshire and Vermont looking at the damage caused by Hurricane Irene. She did hear about the tour and commented on how the tour was set up, the purpose of the tour, what worked and what did not work.

The request for the tour originally came from Hans Dunshee and the House Capital Budget Committee. It has been six or seven years since that committee had been out on a tour. He wanted a tour of the entire basin but the legislators had less than 4 hours for that tour. Ms. Fowler thought a bus would work so travel time could be used to discuss things that might not be seen. Because of traffic issues and

the fact that not everyone got on the bus caused some problems. Ms. Fowler had a follow up conversation with Commissioners Willis and Valenzuela and Mr. Swartout and then with Susan Howson stating the Flood Authority would be open to another tour of the middle and lower basin. Ms. Howson could not commit the legislators to that and Ms. Fowler has not yet heard back from her.

Ms. Fowler stated part of the Thurston County tour could take place at the next Flood Authority meeting which could be in Bucoda and include a visit to the Skookumchuck Dam.

There was confusion when the bus returned to Centralia; people did not know who should be on the bus and who should not. Commissioner Willis lost some of her audience when people did not get back on the bus to go to the Chehalis Reservation.

c. Follow up

Ms. Fowler heard overall that the tour included good content and was a good reminder of a lot of issues that hit the upper basin. More follow up is needed.

Ms. Fowler stated it was Mr. Dunshee's request to spend the afternoon with the Chehalis Tribes and it was up to the Tribes as to who to invite. Ms. Fowler learned it was the desire of many people to have continued the afternoon portion with the Tribes.

Ms. Fowler stated the Outreach and Education Committee will write formal letters to the people who went out of their way to make the tour successful. Ms. Fowler thanked Ms. Fund, Ms. Lee and Mr. Swartout for their participation. Photos will be put on the website, with permission, with information for those who could not attend the tour.

8. Updates on sub-committees/projects

Ms. Powe stated she is very pleased with the sub-committees. The work they are doing has cut out a lot of time that the Flood Authority was putting in and it is helping keep everyone on task for the capital budget.

a. Sub-Committees: Project Subcommittee

Ms. Powe stated there was a Projects sub-committee meeting on October 4. The focus of that committee was to gather all possible projects, compile them and categorize them in such a way that they can be compared and come up with a group of projects that can be prioritized and matched with mitigation projects to take to the legislature in April.

Ms. Powe stated the sub-committee also worked with Mr. Karpack on his work plan which will be discussed later in the agenda.

Funding was also considered, what is available and how to work that into the selection process.

Commissioner Averill stated this has been an initial process trying to identify all the projects that are out there. It is an incomplete list, and probably repetitive because some projects got on more than one list. We discussed this morning what we move on next, and there are some additional resources that will be added to the list and then the Project committee next month will reduce that list by taking repetitive projects off as well as projects that have already been completed.

Commissioner Averill stated Flood Authority's original list is primarily for flood mitigation. Part of flood mitigation is mitigating for damage caused by any physical structures that we build. If structures cause an impact we have to mitigate for it. We need to look at what enhancements on the river system can do that mitigation. Therefore, that mitigation is becoming part of the list as well.

Mr. Greg Hueckel stated his suggestions were to start off with a good baseline of as many projects as we can identify from as many sources as possible. An overall objective should be developed for an end point, and to identify additional sources. The subcommittee gave him some leads on additional sources. An assignment for the subcommittee was to check projects on the list that have been completed or duplicated. Next steps would be packaging ideas: different approaches to be successful for the implementation of projects, and projects being shovel-ready and most attractive to various funding opportunities.

Outreach and Education Subcommittee

Ms. Fund stated the Outreach and Education subcommittee is working on the FAQs – Frequently Asked Questions. There is now a list of questions from the members that could go on the website. Those questions will go back to the committee to work on. This is a work in progress so if there are other questions that come up they can be added to the FAQs.

The subcommittee is continuing to work on an updated website so "real people" can understand and navigate it. There will be a project management site through the state that will have more detailed information and it will also be available to the public.

Ms. Fund stated that the subcommittee is working on getting the public educated on the early warning system.

Ms. Fund had some newspapers articles that relate to flood mitigation. They can be distributed if anyone wishes to see them.

b. Projects: Early Warning System

Ms. Fowler stated the Early Warning System is up and running. There are a number of gages which have been installed; there are a couple of areas that still need gages but work is being done to ensure they are installed also.

Ms. Fowler stated since the system is out there a number of things need to be cross-referenced to be sure it is fully integrated with the Doppler system, gaging and monitoring around the Reservation, and answer a number of questions on the technical side.

How to ensure that people know about the state of the art system was a key topic at the morning work session. In November there could be a public awareness event with the Emergency Management people and West Consultants could present information about the Early Warning System. Ms. Fowler gave Mr. Dave Curtis' information to Lee Hughes at the Chronicle to do some public service announcements or press releases to get information out to the public. Another suggestion was to make sure the Early Warning System information is easily accessible.

Ms. Fowler stated another question is if this is a web-based system and the internet goes down during a flood how does the system provide information to the people or what if people do not have internet

savvy? These questions will go to Mr. Curtis. There are ways to set up the system so that it automatically notifies people if the river gets to a certain level.

Commissioner Averill stated it is the responsibility of each county Emergency Management Office to notify citizens of floods or other emergencies. If this system goes down there are other resources in the county during an emergency where Emergency Management can forward information to residents. Currently that is NOAA radio. Lewis County has what is called "Code Red" which is a phone dial-out program that leaves messages on telephones or cell phones in a designated area.

A suggestion was made that a flood application be available on i-phones.

Mr. Bart Gernhart, DOT, stated during the 2009 event the NOAA hydrographs were off by a substantial amount and part of that was because they did not have direct immediate information regarding the storage of the Skookumchuck Dam. It was predicted that it would overtop the dike sooner and it actually never did overtop the dike. Without the information about how much storage is available during certain events, there cannot be good hydrographs, which is the basis for alerting everyone. He asked if anyone knew if there was a check on the storage capacity of the dam. Trans Alta said they would be glad to give the information but no one has called to ask them.

Commissioner Averill stated Trans Alta is in the reporting system; that was part of what West Consultants did when they put their system together. Mr. Gernhart asked if that information got back to NOAA. Commissioner Averill stated it is going into their system which is taking data from all sources.

Ms. Powe suggested a map or a list of places where people could get sand bags, or where they could make sandbags, which would be very helpful to people during a flood event. This information would be helpful during the public outreach meetings.

Fisheries

Mr. Hueckel stated Anchor QEA held a fish enhancement meeting on Wednesday, October 19. He stated Mr. Jim Shannon from Anchor had a group of experts to help Anchor identify projects that had not yet been identified. There were maps of different reaches, culvert data, etc. They gave a good overview of where they were on the enhancement projects and they received good information from Department of Ecology, WDFW and DOT. They concluded this has to be a "fishy" list. It cannot be populated with different criteria but needs to come out in priority of what the projects can do for fish. After that they can look at lists from the main projects to mix and match different mitigating opportunities or self-mitigating projects that are good for fish, as well as for flood relief.

Relating to the fish committee, Mr. Hueckel has been working with Mr. Schlenger at Anchor on their disclosure of their information on the hydrology report, the water quality and fish report. They are looking at different dates to present this information. Some dates did not work with members of the Quinault Tribe and that is being pursued. In the meantime, reviewers of that report will be identified. When the report has been reviewed, Anchor will be able to make changes if necessary.

Mr. Vander Stoep stated the local conservation district has done a significant fish habitat study in the upper basin. He asked if that district attended the meeting. Mr. Hueckel stated they were. Mr. Vander Stoep asked if all their information has been transmitted to Anchor. Mr. Hueckel stated he does not know if the information has been transmitted and Anchor is looking at all studies that have to do with culverts held by WDFW and DOT as well as other conservation districts.

Mr. Vander Stoep asked if Mr. Bob Amrine could be contacted to make sure all of the Conservation District's information has been transmitted to Anchor. Mr. Hueckel stated he would do that. He is also trying to discover the District's other projects that may relate to flood projects.

Mr. Vander Stoep asked if the report is going to be given to the Quinault Tribe before it is given to the Flood Authority. Mr. Hueckel stated these are presentations and the presentation to the Quinault will be on November 21.

Commissioner Averill stated the Flood Authority is doing three projects with Anchor QEA. The project involving the Quinault is the baseline study which is due by the end of the year. The meeting yesterday was an addition to the Anchor contract to do enhancement studies. The third is a contract that has not been discussed yet and that is the sediment distribution study – an enhancement that Anchor believes is needed in order to tell the whole story up and down the river for fish.

Commissioner Averill said he did hear in this report that part of the model of the baseline study was to teach folks how to use the Shiraz model. The study must be completed first and it is a deliverable in the baseline contract.

Mr. Vander Stoep understands that the baseline presentation will be made in November. Reporters will be interested in this study and if it is presented to someone other than the Flood Authority then they will call members of the Flood Authority and those members will not have seen the briefing, which will create a problem. Mr. Vander Stoep is in favor of everyone who wants a presentation should have a presentation but his concern is the timing and sequencing. He thought he heard it said that pieces of the study may come out before the whole study comes out and that concerns him.

Mr. Hueckel stated those pieces would come out for technical review and the reason is because the pieces go to different experts.

Mr. Vander Stoep stated he would like the public presentation that is in the baseline study to be given to the Flood Authority first. Ms. Powe agreed.

Ms. Fowler stated the next Flood Authority meeting is November 17 and perhaps that would be a good time for Anchor to explain the progress they have made. Mr. Hueckel stated the delivery of the report is December 22.

Commissioner Averill suggested Anchor's presentation could be given at the morning session to allow more time for it.

Commissioner Willis stated Mr. Vander Stoep requested that the Flood Authority ask for the report on the culverts from the Conservation District. She stated that information is also available from Mason County, which covers part of Mason County and most of Grays Harbor County.

Ms. Powe stated the Conservation Districts were represented at yesterday's meeting, as well as the Chehalis Basin Partnership, WDFW and others. They all had recommendations for projects and it would be a good idea to make sure that Anchor got the projects from the Conservation Districts.

Ms. Powe stated Mr. Butch Ogden from the Washington State Conservation District was in attendance and asked him to give a brief summary. Mr. Ogden stated NRCS (National Resources Conservation Service) has put some funding into the Lewis Conservation District to review all the studies ever done in the Chehalis basin. These will be compiled in one place (he commended the Timberland Library for all of its work) and then reviewed by an engineer, a hydrologist, a biologist, etc. to determine which studies are still relevant. When the review is complete, it will be a one-page summary of each study that will be available for use. This is unique in that it is the first time NRCS has ever taken what they call CTA funds (money with which they pay their staff) and put it out to a Conservation District to do this work. They put up 75% of the funds, the Conservation Commission matched 25% with state funds and the approval to expend funds was approved last Friday. There is a November 30 deadline for the first deliverable.

Mr. Ogden stated he would bring up the Flood Authority's concerns on the culvert information on Monday when he meets with Mr. Amrine. Mr. Ogden stated Lewis Conservation District just completed a 3-year study on culverts and habitat for the Quinault Nation and that information is also available.

Mr. Vander Stoep stated around 1976-78 the National Academy of Sciences did a very extensive study of fisheries in the northwest. A section of that report compared the Chehalis Basin to the Columbia Basin and there is a diagram from the early 1900's of the Chehalis Basin showing about 50 dams. Mr. Vander Stoep assumed those were wood dams that formed mill ponds. That report would be very interesting historical data.

9a Amend Work Plan

Ms. Powe addressed the amendment to the work plan for the H and H modeling, which would allow for a surveyor to subcontract to WSE. There was a surveyor on the original contract and West also has a surveyor; it is West's surveyor that would be added to the contract.

Commissioner Averill made a motion to approve the request of WSE to include an additional sub-contract to their current contract for surveying purposes. The motion was seconded by Mr. Cook.

Commissioner Averill stated this is required because the standard form contract for Lewis County as fiscal agent has a provision in it that if there are any additional sub-contractors, they must be approved by the contracting authority. Since Lewis County is acting as fiscal agent for the Flood Authority, even though the contract is between Lewis County and WSE, the County is doing this on behalf of the Flood Authority.

Commissioner Willis asked if there are names for the sub-contractor and if it affects the dollar amount within the contract.

Commissioner Averill stated the subcontractor is Minister Gleaser Surveying, Inc. The costs would be covered under the work plan which is the next item on the agenda.

There was no other discussion and the motion passed by consensus.

9. Approve work plan for H & H Modeling Work

Ms. Powe stated Mr. Karpack discussed the work plan at the morning session and there were bookmarks in the work plan that the Flood Authority may want to further investigate.

Ms. Powe entertained a motion to approve the work plan. Mr. Cook made the motion; Dan Thompson seconded.

Commissioner Averill stated the work plan lists a number of tasks. Each task is detailed and includes the cost for it. The total cost of this work plan comes to $399,960 which is slightly under the budgeted amount.

Ms. Powe stated some of the items that were bookmarked may increase the cost of the study and if these additional items can be connected to the Twin Cities Project there may be additional funding for them.

Commissioner Averill stated these figures are within the amounts that WSE would have to operate. Some of these things may turn out to be less and if that is the case that would be money that would come back to the Flood Authority to be used elsewhere. In addition, we have talked to Mr. Phillips because there are two other pots of money in the 2020 bill. One of them is the money originally intended for the Twin Cities Project, about $1.2 million, and the other is around $500,000 under OFM's auspices.

Mr. Hueckel stated the document put together by Mr. Karpack is best guesses for the scope of work and what the cost will be. He will be reporting to the project subcommittee any changes that might occur and give regular updates. The subcommittee will report back to the main body.

Commissioner Averill stated the Authority spoke to Mr. Karpack about what its priorities are and the first priority is establishing the baseline down the entire river, which is Task #5. Once the model is done we want to be able to run some tests on how various water retention projects might impact downriver, which is priority number two.

There was no other discussion and the motion passed by consensus.

10. Contract/extension for GTH Coordination Services

Ms. Powe stated Ms. Fowler was under a three-month contract as a trial period for coordination services. It was Ms. Powe's opinion that Ms. Fowler has been invaluable in coordinating with the Tribes, the State, and in helping select a hydraulic consultant. She has put in a tremendous amount of hours. She asked Ms. Fowler to discuss her thoughts.

Ms. Fowler stated she had worked with the Lewis PUD and Chairman Raines asked her if she would be interested in taking on this role. Ms. Fowler had several conversations with people regarding real or perceived conflicts of interest. She stated she would be willing to assume the role under two conditions: 1) Ms. Fowler's and GTH's role with the PUD ends, which it has; and 2) that there would be a trial period to see if it would work out for everyone.

When the Board of County Commissioners of Lewis County took action, they had an overall contract in place but a check-in period. The contract runs from August 8 to November 8 and the discussion is on the agenda today because the contract ends before the next Flood Authority meeting.

Ms. Fowler's contract includes both time and expenses, including a reduced rate for travel expenses. She has been putting in many hours and in fact wrote off many hours to meet the budget requirements. That is something she will want to bring to the contract if it is extended and also consider SBGH

Partners' work and how to manage to make sure we do not go over budget and still have the opportunity to get through to the end of the year.

Ms. Fowler has been working on a lot of coordination work regarding various issues, how things are sequenced, how those are coordinated, how to make sure information is timely and directed to the right people. She has worked with SBGH to write the updates and Ms. Anderson has distributed them. A request has been that people hear what is happening on a timely basis and not reading it in the paper or having to wait until the next meeting. She has been trying to increase the amount of communication in a couple of different ways. The tour helped with that. She is also communicating with Mr. Phillips.

Ms. Fowler recapped her expertise by stating she is a lawyer by training (to know how to stay out of court versus how to go into court), doing work in mediation facilitation, dealing with groundwater storage (in California). She is currently mediating an allocation of water between Northern and Southern California. She is bringing those skills and attributes on behalf of the Flood Authority.

Ms. Fowler entertained questions.

Commissioner Willis stated Ms. Fowler had provided a letter addressing the contract. What she did not see are figures for SBGH Partners. She asked if there is a separate contract for them.

Commissioner Averill stated the SBGH contract was approved in August and that was for the entire year. We also set out for the GTH contract about $96,000 but the Flood Authority only approved for the first quarter. Commissioner Averill understands Ms. Fowler is still within the first estimate of $96,000 for the entire year. This is extending the contract for the remaining three quarters of the year.

Mr. Thompson made a motion to extend the contract with GTH and Ms. Fowler. Ms. Fund seconded.

Mr. Vander Stoep had asked Lewis County to give him a summary of all the expenditures for ESA Adolfson from September 2008 through July 2011. They were paid $1,086,000, which averages $31,964 per month. That does not include FCS during their work period. He wanted to see the comparison between what the Flood Authority was paying for services. He stated what is being offered now is a bargain.

Mr. Thompson stated during a morning session in May someone made the comment that the Flood Authority needed to find someone who is cheaper than ESA but is paid more than minimum wage. Mr. Thompson believes the Flood Authority has found that.

Commissioner Willis stated in August when this contract came up for a vote, it was brought up by both herself and Commissioner Valenzuela about going out for bid. Commissioner Willis has no issue with GTH or Ms. Fowler but asked why this would not go out for bids. There was a timing issue in August but the Flood Authority has had three months to work on it.

Mr. Carter stated with construction contracts or the purchase of equipment you would go through a bidding process. When you are dealing with a Personal Services Agreement (PSA) the only PSAs that require the bidding process under state law are those for architectural services or engineering services. The rationale behind that is that when you deal with PSA contracts you are dealing with relationships of trust and confidential relationships and those involve subjective factors that are not measured by objective factors. Engineering and architectural services are objective and fungible. When you deal

with legal services those are not, and facilitation services are closer to services that involve subjective factors of quality that are unique and they are not subject to bidding.

Mr. Carter stated when you have bidding there are exceptions for emergency circumstances. In August we did have something in the nature of an emergency in that our facilitator had dissolved and there were requirements that were imposed by the legislature that involved time limits. We had an individual who was recommended by the governor's office and that individual was also familiar with what the Flood Authority had been doing. To get someone up to speed and go through the interview process that we went through originally would have taken too much time. Emergency circumstances are provided for under bidding statutes.

Another exception that is often applied is one for extensions of existing agreements which do not typically go out for bid. State law is the appropriate measure here.

Commissioner Averill added that at the time the Flood Authority did this it was recognized by Lara that there might be some concern about having her as a contractor. As a result, she requested the trial period so that if members of the group did not have confidence in her ability, or her ability to operate as a neutral facilitator, that the contract would not be considered for renewal. That is where we are today.

Ms. Powe agreed with Commissioner Willis that normally a contract should go out for bid. She does not feel, however, that much has changed with HB2020 and the time demand. It would be impossible to go through the process, hire someone and bring him or her up to speed and still meet the deadlines. We would not have met the deadlines this far if it had not been for Ms. Fowler's help.

There was no other discussion. Ms. Powe repeated the motion: to extend the GTH contract with Lara Fowler for nine months. There was no opposition and the motion passed by consensus.

11. Expenditure Review

Commissioner Averill summarized the Expenditure Review in Mr. Johnson's absence. Total funds expended to date plus encumbered equal $1,208,296.00 leaving a balance of $111,704.00. The detailed report is available for anyone who would like to read it.

Commissioner Willis asked Commissioner Averill to review Tasks 4, 5, 7 and 8. Commissioner Averill stated they are in the OFM contract, which is performance-based. All of these tasks were specified in the OFM contract. Commissioner Averill and Ms. Fowler explained the tasks.

Task #4, *Impacts of Bridges and Mitigation* is most likely the Sickman Ford Bridge and potential mitigation and it could potentially include the Mellen St. Bridge. Ms. Fowler stated this is a placeholder for the Flood Authority to think about the impacts of bridges and it will be the Flood Authority's responsibility to include this as a deliverable.

Task #5, *Alternative Measures for the technical review* – OFM is responsible for delivering a report back to the legislature and governor. OFM has asked the Flood Authority to review that. The $10,000 is a placeholder for that review.

Task #7, *Program Facilitation* is the total dollar figure for the SBGH contract and the GTH contract for this time period.

Task #8, *Staff Support and Project Management* is for the Lewis County staff support and staff support for Thurston County when Mr. Swartout reviews reports, etc.

Mr. Vander Stoep asked Ms. Fowler if the capital budget specifically spells out what information it wants the Flood Authority to produce between now and next June.

Ms. Fowler stated the capital budget includes two requests for information. One is specifically targeted to the Flood Authority or other flood districts which lays out three tasks: finishing the fisheries study, updating the hydraulic modeling, and a broad category of other flood related measures. The second piece of the legislation has a very detailed list of things that will be done that is directed at the Office of Financial Management. That is what we are calling the alternative measure report. All of this information must go to the legislature and the governor by June, 2012.

Mr. Vander Stoep asked if that legislation requires that the Flood Authority coordinate every step the expenditures towards achieving the goals that the legislature laid out. Didn't the governor's office ask that it be involved and have you coordinate and communicate with OFM and the governor's office and have they found that the expenditures match the goals that are laid out in the capital budget?

Ms. Fowler stated yes, and what happened in the capital budget is that the Flood Authority worked with the governor's office and OFM to develop the contract which is where these tasks come from, and they are very much in line with what the governor's office was looking for help with.

Mr. Thompson stated he did not want anyone to forget that the Flood Authority exists to try to lower and diminish the economic and human suffering that floods create in the basin.

Following a question and discussion, there is no Task #6.

12. Confirm November 17 meeting; suggested topics

The next scheduled meeting is for November 17 and will be in Thurston County. Mr. Swartout was asked to coordinate with Andrea Fowler, the Bucoda representative, to have the meetings in Bucoda or nearby. He is working on that as well as a tour of the Skookumchuck Dam. He hopes to have details within the week.

Commissioner Averill stated the next meeting would be a good time for West Consultants to give details and show the Flood Authority how the model works for the early warning system. Ms. Powe stated Anchor would also be giving a report.

Ms. Fowler stated there will be a need for a morning session and both the special meeting and the business meeting will be in the Bucoda area.

13. Adjourn

There was no other business to come before the Flood Authority and adjournment was at 3:19 p.m.