

SKAGIT RIVER GENERAL INVESTIGATION
NEPA PUBLIC MEETING

U.S. ARMY CORPS OF ENGINEERS
SEATTLE DISTRICT

JUNE 19, 2014

6:31 P.M.

Skagit Station

105 E. Kincaid Street

Mount Vernon, WA 98273

REPORTED BY: Tara L. Cunha, CCR 3310

1 MS. WETZLER: Good evening. My name is Lynn
2 Wetzler. We will have a presentation for 30 minutes, and
3 then we will have a comment session from, 7 o'clock to
4 8 o'clock. We'll go over more of the logistics when we get
5 to that portion, but I'd like right to introduce our Deputy
6 District Engineer, Olton Swanson for the Seattle District.

7 MR. SWANSON: Thanks, Lynn. It's great to see
8 everybody here tonight. I really appreciate folks taking
9 time out of their busy schedules to be here. Thank you for
10 your interest and involvement in the Skagit River Basin
11 General Investigation Study Process. And I also want to
12 give a thanks to representatives from Skagit County, the
13 study's non-federal sponsor. I'd like to recognize Skagit
14 County Commissioner Ken Dahlstedt, and Chairman Ron Wesen,
15 who will speak briefly after I'm through. Sharon Dillon
16 couldn't be with us tonight.

17 Additionally, I'd like to recognize our (inaudible)
18 representative (inaudible) Tom Buclet from (inaudible)
19 Representative, Julien Loh from Representative DelBene's
20 office, and Joe Downes from Senator Cantwell's office. So I
21 appreciate you all being here as well.

22 We're here tonight because we understand the
23 importance of providing flood risk management to the lower
24 Skagit River Basin to reduce flood risk and potential
25 damages from flooding. The Corps is committed to the study,

1 and will continue working side by side with our Skagit
2 County partners to complete it, and address flood risk
3 management in the lower Basin.

4 The study team has identified a Tentatively Selected
5 Plan which you will hear more about tonight. All of the
6 alternatives that were considered reduced threats to life,
7 safety, and economic damage, but the plan we selected stood
8 out because of the lower construction, operations and
9 maintenance costs, as well as the lowest -- having the
10 lowest impact to agricultural lands.

11 I invite you to personally review the plan which is
12 available online and at local libraries, and to provide us
13 your input. The plan is undergoing a number of concurrent
14 reviews, including the public review and comment period, and
15 the plan may be modified based on your input.

16 Tonight we will provide an update on the status of
17 the study and you will hear more specifics on how the plan
18 addresses flood risk management in the Basin. The members
19 of our Project Team from the Corps, the project sponsors,
20 and other stakeholders have worked hard on this project.
21 We've come tonight to hear your comments and obtain your
22 input on this important study. The team will consider your
23 thoughts as it continues to aggressively pursue completion
24 of this study. It's significant that in an era of declining
25 federal budgets, this study continues to be funded and move

1 forward towards recommending a flood risk reduction plan for
2 Congressional authorization.

3 I'd also like to add that those projects that have
4 found success in the recent past in the federal system have
5 been those that have had an aligned local community. And if
6 we aren't there yet, it's something we hope to address so we
7 can continue our work and move forward. Congress determines
8 which projects are funded, and your representatives have a
9 say in that process. Communities that are aligned send a
10 clear message to your representatives that this project is
11 important to the Skagit County community.

12 We're here to listen and collect your comments and
13 questions tonight. We want to be thoughtful and considerate
14 in our responses, so we'll not look to provide responses
15 tonight. We will take some time to evaluate them, your
16 questions and comments, and include responses in our final
17 report.

18 Every comment will be considered as we move forward.
19 We invite you to share your thoughts with us and urge you to
20 provide each speaker with an opportunity to present his or
21 or her views uninterrupted during the time limit we have
22 set. My expectation is that you will each help to foster a
23 safe, civil, and respectful setting for everyone here this
24 evening. Thank you once again for your interest and
25 commitment to address flooding in the Skagit River Basin.

1 And now I'd like to turn it over to Chairman Wesen,
2 Skagit County Commissioner, for his opening remarks.

3 MR. WESEN: Thank you very much. It's really nice
4 to have this good crowd here tonight. We have come a long
5 way over the years on this Skagit River Investigation Study,
6 and we are getting closer to the end of the project. And I
7 really want to appreciate the Army Corps, all the work
8 they've done here, all the county staff, all our group off
9 workers that we've had on this project as it's gone forward,
10 our dike districts, our grading districts, all the local
11 people involved. And what we're here tonight to do is to
12 comment on the project. It looks like that has gone towards
13 the top of the list and we need to look at those things.
14 And once again, thank you for being here. Put your comments
15 in so the Army Corps will be able to come back and make
16 comments on your comments, and so we can have a good project
17 going forward.

18 I also want to thank our legislative and
19 congressional, and our senators who have helped out on this
20 project all long. Without their expert help to get this
21 thing --- being one of the first projects to go through this
22 special program, we wouldn't have gotten where we have.
23 Let's get this done tonight. Thank you.

24 MS. WETZLER: Thank you. So following this
25 presentation, as I mentioned earlier, there will be an

1 opportunity for comments on the draft and feasibility report
2 and environmental impact statements. The comment period
3 ends on the 21st of July. If you're interested in
4 commenting tonight, please make sure you're signed up to do
5 so. There's a sign-up sheet over on the table that you
6 walked by when you checked in. And as we mentioned, tonight
7 is an opportunity to provide comments, but it's not a Q and
8 A time. And if you're not interested in speaking tonight,
9 there's other ways to comment, and I'll go over those
10 towards the end of the presentation.

11 The Skagit River General Investigation Project is a
12 single-purpose flood risk management study with objectives
13 of reducing damages, protecting population in the Basin, as
14 well as protecting critical infrastructure such as schools,
15 hospitals, and pipelines. The existing levee system
16 provides approximately 4 to 5 percent annual chance of
17 exceedance [sic] or 20 to 25 year level of protection. In
18 tonight's presentation I will use level of protection
19 terminology; however, when you read the report or if you
20 look through it, you'll notice that we used the annual
21 chance exceedance [sic] terminology.

22 Flood fight efforts have previously prevented
23 damages, although they are risky and unreliable ways to
24 provide long-term protection. The Tentatively Selected Plan
25 will be presented tonight, and that milestone is the second

1 of five planning milestones in the Corps study process. The
2 process is a routine that has made a recommendation of the
3 plan which was the proposed plan forward to address flood
4 risk in the Skagit River Basin.

5 The Integrated Draft Feasibility Report
6 Environmental Impact Statement is out now, the 45-day
7 national Environmental Policy Act Public Review, as well as
8 the concurrent reviews conducted by the Corps, Agency
9 Technical Review, and then also an Independent External Peer
10 Review which is outside of the Corps of Engineers.

11 This is an opportunity to provide input on the draft
12 report. The draft report discusses the planning process,
13 the process of developing potential solutions to reduce
14 flood risk in the Basin, including evaluating those flood
15 risks, formulation, and screening of potential alternatives.

16 Comments received during the concurrent review
17 period will be taken into consideration to inform the
18 feasibility level design, and updates in the final report,
19 which is when you'd see responses to comments submitted
20 during the current comment period.

21 The study area is shown here. And the study area is
22 a large area spanning several counties in western
23 Washington. The project areas focuses on the lower Skagit
24 River Basin located within the floodplain and the Baker
25 River Hydroelectric Project. The line is a little bit

1 faint, but roughly that is the project area. And there is a
2 handout of this map in the back if you would like to take it
3 with you.

4 The draft report tells the planning story of
5 measures were developed and then also two alternatives. We
6 developed more than 20 management measures that could
7 address flood risk in the Basin and combined and assembled
8 them into alternatives to address flooding. At the last
9 public meeting, which was in the Spring of 2012, the
10 preliminary array of alternatives was presented. Since
11 then, together with the County, we have refined the
12 alternatives to the Final Array and identified the
13 Tentatively Selected Plan.

14 The Final Array of Alternatives are: The No Action
15 Alternative, which is if no federal action was taken; the
16 Comprehensive Urban Levee Improvement Alternative, which is
17 improvement to existing urban levees and some new levees.
18 So the key here shows some of the levee work that would be
19 done. This is an overlay of all alternatives with obviously
20 the exception of the No Action Alternative.

21 The Joe Leary Bypass Slough is in the Final Array.
22 It is an outlet here. That will be a bypass channel too,
23 Padilla Bay, and then putting this bypass down here with an
24 output to the Swinomish Slough.

25 All of the alternatives in the Final Array include

1 improvements to existing levees, as well as some new levees,
2 and then for the bypasses, additional earthwork to construct
3 the bypasses.

4 For comparison purposes to the Final Array of
5 Alternatives, a 100-year event was used to compare and to
6 evaluate as conceptual level designs to identify the
7 Tentatively Selected Plan. The Final Array of Alternatives
8 are complete and stand-alone alternatives; however, measures
9 can be added to the alternatives that could provide
10 additional benefit. And in this case, the Baker Dam
11 Operational Modification Measure and Non-Structural Measure,
12 which is tasks such as elevating and raising structures,
13 buyouts, flood-proofing, and early warning systems, can be
14 added to any of the Final Array of Alternatives. The Final
15 Array of Alternatives were evaluated and compared, using
16 criteria -- a range of criteria, but some that I want to
17 specifically point out this evening is ensuring that the
18 alternative that reduces flood risk to urban areas, least
19 adverse impacts to agricultural resources, environmental
20 resources, real estate impacts, and which alternative is the
21 least costly to construct. These are some of the criteria
22 that were used to identify the Tentatively Selected Plan,
23 which essentially best meets the study objectives.

24 The Tentatively Selected Plan that has been
25 identified is the Comprehensive Urban Levee Improvement

1 Alternative, which most cost-effectively meets the
2 objectives of reducing flood risk damages and risk to life
3 and safety. This alternative would provide flood risk
4 reduction for urban areas of Burlington and Mount Vernon by
5 improving and raising existing levees along the Skagit River
6 and constructing two new levees to the Burlington Hill Cross
7 Levee located here, and the Riverbend Cutoff Levee here, as
8 well as a flood wall at the Lyman's Park located right
9 there.

10 The current conceptual design assumes no
11 modification to bridges in the Basin. This alternative, as
12 I mentioned it, provides protection to the urban areas of
13 Burlington and Mount Vernon, as well as schools and fire
14 stations in the Sedro-Woolley Wastewater Treatment Plant,
15 and the United General Hospital. Again, this is a complete
16 and stand-alone alternative; however, the proposed plan does
17 include non-structural measures, as well as the Baker Dam
18 Measure, which provides early seasonal flood storage at
19 Upper Baker Dam. So we will be providing flood storage one
20 month earlier starting on October 15th, and flood storage at
21 Lower Baker Dam from October 15th to March 1st. So the
22 similar time frame as the Upper Baker. This is consistent
23 with Article 107 A & B in the Federal Energy Regulatory
24 Commission for the Settlement Agreement for the Baker River
25 Project.

1 The Baker Dam measure would provide some incremental
2 flood protection to areas upstream of Burlington and Mount
3 Vernon, with reduced flows and stages downstream of the
4 Skagit-Baker River confluence.

5 Our analysis shows the Comprehensive Urban Levee
6 Improvement Alternative is the least environmentally
7 damaging among the Final Array. In addition to the
8 environmental analysis that has been conducted, we conducted
9 economic analysis. After identifying the Tentatively
10 Selected Plan, we evaluate to determine the National
11 Economic Development Plan. The federal objective is to
12 contribute to the nation's economic development, which
13 determines the Federal interest. We hope to reasonably
14 maximize net benefits or damages that are avoided from the
15 floods and where the benefits are greater than the costs.

16 Once the Tentatively Selected Plan was identified,
17 we looked at three scales of that Comprehensive Urban Levee
18 Improvement Alternative. So three levels of protection, if
19 you will. We evaluated and analyzed those to identify the
20 National Economic Development Plan. So next look at the
21 three scales of the Comprehensive Urban Levee Improvement
22 Alternative, which are tentatively selected plans to
23 identify the National Economic Development Plan. We looked
24 at the 75-year level of protection, 100-year level of
25 protection, and 250-year level of protection. The scales

1 include same project features with different levee
2 elevations that provide that level of protection. The table
3 shows the future without project annual damages that can be
4 expected without a project. Also shown is the expected
5 annual damages with the project, and damages prevented with
6 the project, also know as the benefits. Damage will reduce
7 by approximately half with the Comprehensive Urban Levee
8 Improvement Alternative, with protection to urban areas of
9 Burlington and Mount Vernon, and costs for the alternative
10 range from 203 to \$228 million.

11 Costs were annualized and compared to annualized
12 benefits. Net benefits are the annual benefits minus the
13 annual costs. Alternatives that reasonably maximized net
14 benefits contribute to National Economic Development, and
15 are recommended for Federal participation. The 250-year
16 Comprehensive Urban Levee Improvement Alternative maximizes
17 net benefits and result in a greater benefit-cost ratio at
18 1.9 -- see in the gray box here -- and is the National
19 Economic Development Plan that we have identified.

20 Further analysis will be conducted to the
21 feasibility-level design phase to look at the use of
22 non-structural measures to offset transferred and residual
23 risks. Once the National Economic Plan is determined, the
24 environmental impacts of the plan are considered and
25 evaluated. This slide shows resources analyzed for the

1 environmental consequences in the draft report. As
2 mentioned earlier, the Final Array of Alternatives were
3 designed at a conceptual level for the 100-year event, and
4 these resources were analyzed based on those 100-year
5 conceptual designs.

6 For each resource, climate change, and/or sea level
7 change were evaluated where appropriate. Typically the
8 approach was how climate change would affect the project in
9 relation to the future without project condition. We strive
10 to use existing information and best professional judgment
11 where possible to establish the existing condition and
12 No-Action Alternative, as well as for analyzing and
13 evaluating potential direct, indirect, and cumulative
14 effects of the Final Array of Alternatives. The assessment
15 of environmental effects is based on comparison of three
16 action alternatives to the No-Action Alternative consistent
17 with the National Environmental Policy Act. And there are
18 two posters in the back of the room that have a little bit
19 more detail about the environmental analysis that was
20 conducted, and then in the report there is much greater
21 detail as well.

22 The Corps six-step planning process and the National
23 Environmental Policy Act process are in sync for Corps
24 studies. For Corps planning studies there are five
25 milestones that a project successfully achieve to put a

1 feasibility report to Congress for authorization of a
2 project. The Skagit project has achieved the first two
3 milestones, the Alternatives Milestones in August 2012, and
4 the Tentatively Selected Plan milestone earlier this year.
5 We are working towards the third milestone, the Agency
6 Decision Milestone where, we seek Corps Agency concurrence
7 on the plan to move forward with the feasibility-level
8 design.

9 Right now we are in the public and concurrent review
10 period. The 45-day public review and comment period was
11 initiated on the 6th of June. Public comments are due on
12 the 21st of July, and comments will be considered and could
13 modify the plan to move forward to the feasibility-level
14 design.

15 As we work forward to the next milestone, the Agency
16 Decision Milestone, we'll look for concurrence on the plan
17 to move forward to feasibility-level design and make
18 appropriate changes or updates to the Integrated Draft
19 Feasibility Report Environmental Impact Statement. The
20 feasibility-level design will be initiated following
21 concurrence on that plan which we will move forward with
22 feasibility-level design on. And we would be seeking to
23 complete feasibility-level design in 2015 with our final
24 report also completed in 2015, so that we can get the report
25 to Congress seeking authorization of the project.

1 The National Environmental Policy Act encourages
2 citizens to participate in public hearings, scoping
3 meetings, comment periods, like we're having tonight, where
4 you can submit your comments, written or orally. Public
5 involvement is a very important to the NEPA process. It's
6 an opportunity for the public to participate in a federal
7 decision-making process and direct an agency's attention to
8 the community's concern.

9 In August 2011 a Notice of Intent scoping meeting
10 was held, and comments from that meeting were taken into
11 consideration during the alternatives formulation and
12 process and the comparison and evaluation of them. This is
13 another opportunity for you to review the work we've done
14 and our analysis conducted by the County and the Corps, and
15 provide comments and inputs on the Integrated Draft Report.
16 We expect to have the final report in 2015, and that report
17 is where you would see responses to comments that are
18 submitted during the current comment period.

19 The draft report is available online. The link is
20 here, but we also have business cards on the table that you
21 signed in on. It's also available in the Mount Vernon, La
22 Conner, and Burlington County libraries as well as the
23 Skagit County Office.

24 So I'll go through the procedure on how we're going
25 to go through the comments tonight. There's a couple ways

1 you can submit them. If you're interested in signing up
2 tonight, I know that we have several individuals who have
3 already signed up. We will go through those in the order
4 that the names are written. We also have comment forms in
5 the back. You can e-mail us your comments, write them in,
6 or present them tonight.

7 If you've already signed up, you will be called to
8 come to the microphone in the order you signed up. Please
9 state and spell your name when you come to the microphone
10 prior to providing your comment. You will have three
11 minutes. We have a court reporter who will be documenting
12 all the comments tonight, and they will be included in the
13 final report. Tonight's comment period will promptly end at
14 8:00 p.m. Evan Lewis will facilitate the comment period and
15 Kera Simons (ph) will keep time. She will -- Kera will hold
16 up a yellow sign when there's one minute remaining, and then
17 a red card when the three minutes is up. So Evan.

18 MR. LEWIS: Sure. So I ask that you come up to the
19 mic so that the court reporter can get -- can hear and see,
20 and also so that everybody else can hear. So I'll name the
21 current person and the person that is next. And we'll start
22 off with John Roozen and the next is Darrin Morrison.

23 MR. ROOZEN: How come I have to be first. My name
24 is John Roozen, R-O-O-Z-E-N. I live at --

25 THE COURT REPORTER: I can't hear you, sir. I'm

1 sorry. I need you a little closer to the mic.

2 MR. ROOZEN: I'm John Roozen. I'm a farmer in
3 Skagit County, and I farm at 16031 Beaver Marsh Road with my
4 brothers. And a few of my comments tonight are going to be
5 very simple, but sometimes that's important for me as I
6 build the foundation in my mind. This first little part
7 might not be accurate, but it helps me to form what's
8 happening.

9 So if they take this river and it's 3,000 feet
10 roughly from the point of origin down to the mouth, and
11 2,700 feet of that is to about Rockport or Concrete,
12 something like that, it doesn't matter. So it makes no
13 difference what we do down here. We're going to get wet.
14 We are going to get very wet because as it slows down in
15 this last 300 feet and then it gets less and less, and 50
16 feet or so down here in the Basin. We're going to get wet
17 if we do nothing. We're going to get wet, some of us, if we
18 do this. So having said that, I think this is an
19 unbelievably exciting moment that we are going to make some
20 improvements in the flood situation in Skagit County.

21 Having said that, I know it's virtually impossible
22 to protect everyone. The amount of money that it would take
23 to protect the whole valley would be beyond what we could
24 afford. So having said that, a certain amount of the water
25 is going to overflow. The overflowing parts of water is

1 going to affect some of us and agriculture, and in some
2 other places whether it's land, crops, or buildings, or
3 whatever it doesn't matter. So the important part of that
4 is what goes -- we sometimes say what goes in must go out,
5 but in this situation, what goes out of the river must go
6 out fast.

7 So I hope that in the design you're taking into
8 consideration what is out there which is a world-class
9 drainage system which is draining up to 50, 60,000 acres,
10 30,000 acres of this valley could go under in a limited
11 amount of time. So it's draining that every single day.
12 You're going to ask it to do more. So I hope you're going
13 to analyze how it's -- the water is going to go out to this
14 tide as you let it go out of the river. That's very
15 important to us and we need to know that before we go into
16 it. So then you take where that water is going to go,
17 whether it's zero on a hot day in the winter -- or summer,
18 or it's more and more and you give it more and more. We
19 need to improve those discharges. They're already there
20 now. They work very well, but they're going to have to work
21 better. So where the tide gates are right now and where the
22 system goes out right now, needs to be improved. Having
23 said that, if you don't put all the water in one of those,
24 try to distribute it evenly and I don't know if you are, but
25 every one of those taking a little, the old theory of many

1 hands make light work, would be awesome.

2 Now, I will say it's built and it's working and you
3 told us that, and it's leveeing [sic] and everything is
4 good. What's the most important part that happens next.
5 That the part that goes -- that stays in the river that goes
6 out, doesn't get worse and worse every year. So if I stand
7 on the North Fork Bridge right now or go anywhere my
8 motorcycle went when I was 15 years old in 1965, when the
9 river had no trees and it flowed bank to bank wide open --
10 go on the North Fork Bridge right now, stand there and look
11 at how choked it is. As the trees grow in, it gets worse
12 and worse and worse. As it gets worse and worse, it's going
13 to overflow on us more. So it all goes back to the critical
14 part of how you're going to deal with the overflow that's
15 going to go on in the rest of the land. And in the process
16 of doing that, we would protect the life and property and
17 everything in the best way possible.

18 So there's a couple comments I have on taxing and
19 stuff, but I don't think that's what this is about.

20 MR. LEWIS: Certainly you can submit them in
21 writing.

22 MR. ROOZEN: I can do that. Thank you.

23 MR. LEWIS: I just want to make one more comment.
24 There is cord here, so if you're coming from that side,
25 please watch your step when you are coming and going.

1 Darrin Morrison is next followed by --

2 MR. MORRISON: I don't have anything to add.

3 MR. LEWIS: Okay. Dan O'Donnell is next followed by
4 Marv Pulst.

5 MR. O'DONNELL: I'll send in by e-mail.

6 MR. LEWIS: Okay. Marv Pulst followed by John
7 Shultz.

8 MR. PULST: My name is Marv Pulst, P-U-L-S-T. I'm
9 the Director of Public Works for the City of Burlington.
10 The City of Burlington is delighted that the Corps has
11 produced the Tentatively Selected Plan after years of study,
12 discussion on the issue of flood threats in the Skagit
13 Valley. The Draft Feasibility Report is thorough and gives
14 the reader an appreciation of why the General Investigation
15 Study has been years in the making.

16 Solving the flood threat in the Skagit Valley may
17 seem to be simply a huge engineering task engaging our civil
18 and hydraulics engineering skills, but this report
19 demonstrates that it's much more than that. Careful
20 consideration has been given to environmental issues as
21 demonstrated in our slideshow earlier. Public safety,
22 regional economy, cultural issues to the habitat,
23 agriculture, et cetera, very thorough.

24 The City of Burlington applauds the selection of the
25 Comprehensive Urban Levee Improvement option. This approach

1 is consistent with the levee improvement project, which the
2 city in Dike District 12 have been independently working on.
3 We are committed to continuing this effort and the District
4 Corps gives us the assurance that we are doing the right
5 thing. We look forward to working towards a common goal
6 with the Corps and the County.

7 MR. LEWIS: John Shultz followed by John Semrau.

8 Mr. SHULTZ: Before we get started, you have a slide
9 (inaudible.) My name is John Shultz, can you hear me?

10 THE COURT REPORTER: No. I'm sorry.

11 MR. SHULTZ: My name is John Shultz. I'm an
12 attorney for Dike District 1 and Dike District 12. I also
13 helped formed the dike district flood parties in 1, 3, 22,
14 72, and 12. So I've been pretty much engaged in flood
15 control for quite some time. I'll speak on behalf of number
16 1 and number 12, but also really on behalf of all the
17 districts because we've been working for years to form some
18 type of partnership for flood control. We've worked with
19 the County, we've worked with the Corps. The Corps are our
20 best friends up here. We deal --

21 UNIDENTIFIED SPEAKER: John, can you speak a little
22 louder. A lot of us have been on tractors.

23 MR. SHULTZ: Oh, okay. Sorry. So we've done a lot
24 of work on flood control over the last few years. Now, I
25 was one of the first people to criticize the GI study. It

1 had gone on for 17 years without any resolution. We all
2 pretty much got jaded. We were thinking this day would
3 never come. I'm like John Christian (ph) now. This is
4 awesome. And I actually read through about a 100 pages of
5 the study. And this slide here really tells it all. Now
6 Dike 12 is doing (inaudible) there's been some dispute,
7 appeal, some criticism, but that's what you have when you
8 have disorganization because over the last 17 years we've
9 had flood projects. When it floods within one or
10 two districts, we'd repair or (inaudible), you know,
11 (inaudible) 99 projects, but it was just mostly the district
12 who were damaged and injured who did it. What this does --
13 what the GI study does, is it makes it much bigger not to
14 mention the fact that the Corps pays for it. Of course,
15 they pay 65 percent, we pay 35 percent. But this is just a
16 great day because Dike 12 can have a project that runs for I
17 think about six miles on the river with some improvements by
18 Sterling and down below.

19 But looking through the GI study, what this includes
20 is all the other districts. And I'm really quite amazed
21 because Dike 1 has problems because, you know, water is
22 going to be given, drainage folks has problems, and the
23 (inaudible). The Riverbend (inaudible) it has problems.
24 But most importantly up in Sedro-Woolley they had argued
25 against our permit because they felt more water would go in

1 the hospital and the wastewater treatment plant. Well,
2 guess what, see the "H" up there, this has a plan for rain
3 dikes around the hospital, a wastewater treatment plant. We
4 have other levees around the Riverbend area, Dike 1. And so
5 the only way you can get this done is to have a form that we
6 have now, and have an organization that has the money to
7 spend it and do the research. So I applaud the Corps. You
8 guys did a great job, and the County did a great job by
9 shortening this study and getting it done in three years.
10 So we are absolutely on the right track. Whether this can
11 be funded or not, that remains to be a different story. But
12 I think you'll find most, if not all the dike districts, in
13 favor of it.

14 The drainage districts, I mean, now is the time to
15 respond. Now is the time to comment. Drainage is vitally
16 important and we support you guys since you are going to
17 take more water in. We need to get the water out. So now
18 is the time for everybody to comment because I'm convinced
19 the Corps will address them. So it's a good thing. There's
20 a lot of things to like about this.

21 MR. LEWIS: John Semrau followed by Sylvia
22 Matterand.

23 MR. SEMRAU: I'm John Semrau, S-E-M-R-A-U. I
24 represent Dike 12 as a District Engineer. At this time
25 based on our preliminary review of the study, Dike 12

1 supports the efforts of the Corps' Comprehensive Urban Levee
2 Improvement Alternative. We do have a few questions. We
3 have talked to Karen who will be doing additional
4 dialogue including our written comments.

5 Dike District 12 is kind of unique. We have both
6 rural and urban levees protected under in this plan. We
7 also has both river levees as well as we have some sea
8 levels. Something that we do have some questions about, you
9 know, is once we exceed that 25-year protection on the
10 river, how are we going to get the water out from the lower
11 end to the floodplain. I'm not sure if that's addressed at
12 this point, but we will put those questions in writing and
13 get those answered.

14 I did want to just mention something from section
15 3.2.1 of the study. That text quotes that the urban regions
16 of Mount Vernon and Burlington accounts for approximately
17 46 percent of the total expected annual damages. On that
18 same page table 3.5, you can also see there that Burlington
19 alone accounts for approximately 38 percent of the total
20 expected damages. This includes about 69 percent commercial
21 and 39 percent of the industrial damage potential within
22 that floodplain. Protection of these community and economic
23 resources to that .4 percent of the annual chance of
24 exceedance [sic] is very important to all of Skagit
25 community. We certainly look forward --

1 THE COURT REPORTER: Sir, I'm sorry but I missed
2 that whole last part.

3 MR. SEMRAU: Oh, we look forward to the plan moving
4 forward to construction.

5 MR. LEWIS: Sylvia followed by Roger Knutzen.

6 MS. MATTERAND: Sylvia Matterand, M-A-T-T-E-R-A-N-D.
7 I'm from Clear Lake, and congratulations Burlington. You
8 look like the big winners. I think the folks at Clear Lake
9 are not quite there with the folks from Sedro-Woolley. And
10 I have some concerns about some of the infrastructure,
11 particularly the hospital, Highway 9, the schools, the fire
12 district building, the post office, some of my friends and
13 neighbors. I think there's a lot that isn't being
14 considered. And I hope that in this plan that the drainage
15 districts will get a lot more support. And that there is
16 money in place to compensate those who will be having a lot
17 of the damages.

18 I'm disappointed that I feel like this is pitting
19 community against community, and isn't really being
20 supportive of the County. I feel like the city -- and it's
21 pretty obvious if you look at the numbers, Burlington is the
22 big winner. La Conner doesn't even come out that far ahead
23 in this plan. And those of us who live outside the City of
24 Burlington, and who aren't friends with the Corps, and don't
25 meet with them every week or so, are really getting the

1 short of the stick.

2 If there's any way that our comments could make any
3 changes, I'd feel better about this, but I've been to other
4 of these meetings, and I've heard other comments and it
5 doesn't seem like it is in consideration.

6 The wall around United General sounds like it's
7 going to pretty much become pretty much ineffective. And I
8 worry also about the nursing home that's on Highway 20.
9 There's another senior housing facility near the hospital,
10 my husband's office, some other businesses around the
11 hospital. So there's still a lot of work to be done. And
12 I'd like the County to take those things into consideration
13 for the final plans. And please give the drainage district
14 the ability to do their job.

15 MR. LEWIS: Next speaker is Annie Lohman.

16 MS. LOHMAN: I don't want to speak.

17 MR. LEWIS: Then Roger Knutzen followed by Bob
18 Helton.

19 MR. KNUTZEN: I'm Roger Knutzen with drainage
20 district 14. I'm one of the three commissioners. Our
21 district was formed in 1890, 125 years ago. And it's been
22 painstaking doing all of the infrastructures that's
23 necessary in order to have that system. We have that system
24 right now, and we're pretty proud of it.

25 There's two things. There's the national disaster

1 and the created disaster. When the Samish River overflows
2 and there's been (inaudible) to our system, we can accept
3 that. It's a natural disaster. To drainage district 14,
4 this is going to create a disaster because as the water
5 overtops in the Sterling area, this pink line above is going
6 to force it around the topside of the hill, and it's going
7 to put it right into our drainage district. And it comes
8 out and tosses that out to the Business Park, and at that
9 point the Corps project is over. The problem is ours. And
10 I ask the Corps what kind of volumes are they expecting
11 would come into there, and they said that the County has
12 that handled. And I asked the County, and they said they've
13 not looked at it. They have no idea. So it's pass the buck
14 there as far as what kind of volume it might be. But we
15 know it's more volume than we can handle because we are at
16 capacity right now on the Samish River so it's even more.

17 To improve our district it's tough enough to get
18 money from agriculture to improve that. What's even tougher
19 is to get money from the Corps -- to get permission from the
20 Corps of Army Engineers to do these things. I can see for a
21 lot of the county this is a really good project. A lot of
22 the drainage district -- but in my opinion I think that the
23 Corps has thrown Drainage District 14 and the Samish Basin
24 under the bus in order to create this project. Thank you.

25 MR. LEWIS: Bob Helton followed by Dan Lefebber.

1 MR. HELTON: Bob Helton, 21032 Little Mountain Road.
2 I moved in --

3 MS. WETZLER: We need to wait for the train to pass.

4 MR. HELTON: I thought I solved my problems by
5 moving into a 3809 foot altitude in the mountains. After
6 achieving that, (inaudible) in 1999 about the flood
7 situation as a curious engineer. So I have followed along
8 the old paths that have been followed up until this point.
9 And I agree with all the positive comments that the prior
10 speakers have made.

11 My concern as a teacher, taxpayer on this plan is
12 that there is adequate space to extend a back slope of a
13 higher dike to maintain the protection that is being housed
14 in this plan. And my question to the Corps is basically
15 pretty simple. What level of sea-level rise can we
16 accommodate and still maintain a three-foot reserve levee
17 height over the next 100 years assuming that the sea level
18 doesn't rise too much. But I think we have to know how long
19 our insurance plan is going to last. Thank you.

20 MR. LEWIS: Dan followed by Ed Lipsey. We are
21 getting down towards the end of our speakers. So if anybody
22 would like to add their names, please see Scott and we will
23 get your name on the list.

24 MR. LEFEBER: Dan Lefeber, last name is spelled
25 L-E-F-E-B-E-R. I'm the Operations Manager for Skagit County

1 Dike District 12. I grew up west of Mount Vernon. My
2 permanent residence is in Sedro-Woolley. I work in
3 Burlington. My ancestors all, say, three and
4 four generations of farming in Skagit County, you know,
5 Bayview, Burlington, Mount Vernon. So I kind of have a feel
6 for the whole realm of that, I believe.

7 Dike District 12 supports the basic premise of this,
8 the study, the results of it. We know we have to protect
9 the critical infrastructure. And we witnessed -- like when
10 we had the brief gap in Interstate 5 last summer. We know
11 that flooding could do those kinds of things. Certainly all
12 of the freeway and river traffic has increased dramatically.
13 It had a lot to do with not just Congress locally, but all
14 around. We all need to be strong everywhere.

15 We need to protect the people we know within our
16 district. That's the main job I'm charged with, but we
17 still, as in every situation in life, I believe need to
18 treat others like we want to be treated ourselves. It's
19 very important. While I say the district supports the
20 context in general, we still reserve the right to review
21 some of the aspects in general because there are some
22 potentials I believe and maybe they cannot be avoided, and
23 all we can do is the best we can do based on all the
24 alternatives. There's probably no perfect solution, but not
25 to back it up any more than we have to on people, and to not

1 send the water unfairly towards one area versus another. As
2 long as we can all share in it and all somehow survive in
3 the more than likely scenarios that will happen in our
4 lifetimes.

5 It's going to be a hard task, and it will not be
6 perfect as many situations in life are not perfect. But we
7 need to do the best we can to be considerate of others, work
8 hard as a united front, and then I think we might really get
9 about as good as we're probably going to do in this lifetime
10 with the financial wherewithal that we have.

11 I think we need to try and listen to each other and
12 do the best we can. I think the Corps has listened to us,
13 and the process will continue to refine. We need to make
14 sure that the numbers are really explained well to everyone
15 so we know volumes of water, depths, directions, all the
16 potential outcomes. No one deserves to be, let's say,
17 flimflammed on this. Anyway, hopefully we can all work
18 together and get the perfect plan. Thank you.

19 MR. LEWIS: Ed Lipsey followed by Leonard Halverson.

20 MR. LIPSEY: Ed Lipsey, 30816 Lyman Hamilton
21 Highway, Sedro-Woolley. I'm not sure (inaudible) because I
22 live up quite a ways ahead of all this stuff. And it seems
23 like we're trying to control the river from the wrong end.
24 I do like the idea of the upper dams and that kind of stuff.
25 But one of the things that I've talk to several engineers in

1 the past years is we have a rain problem, and we have a snow
2 problem, and it comes from up there. And anyway living in
3 the area of -- farming in the (inaudible) Islands, of course
4 we get wet and in Hamilton, if you live there, we get wet.
5 But one of the engineers told me, he said, when we start
6 working with the weather -- and I asked the question, why
7 are we working with the weather. Well, he says, whenever
8 you see the storm come in if you will drop your -- if you
9 will peak your river up to 28 feet and hold it there, all
10 that storm water goes out, he says then you shut your dams
11 up. He says let it go then. And by doing so he says one of
12 the things that we have here that's never mentioned is we
13 have a flash flood. It's 24 up and 24 down. That's all
14 we've ever had. So I just think that it isn't like it's
15 going to hold all the water. The lower part of this river
16 is filling in from what I heard. And it needs to be
17 loosened up a little bit so it can't escape. And if it can
18 escape, and the dams do their part -- I mean, weather
19 reports come in all the time. Why can't we work with it and
20 use these dams. I was told by one of the Puget Power people
21 a long time ago that these dams are hydroelectric. They're
22 not --

23 (Train came through.)

24 MR. LIPSEY: Anyway, I think that working on both
25 ends of this river, the upper and lower, is where we're

1 going to win if we're going to win at all. Thank you.

2 MR. LEWIS: Leonard Halverson followed by Carol
3 Ehlers.

4 MR. HALVERSON: Leonard Halverson, 11558 Sterling
5 Road, H-A-L-V-E-R-S-O-N. This project, GI project here,
6 kind of reminds me of a Clint Eastwood film. It's got the
7 good, the bad, and the ugly in it. The good part I'll start
8 on first. We're doing something with the Baker Dams,
9 getting some help up river and Skagit City Light needs to be
10 brought to the table somehow. Nobody got there for their
11 reexamination.

12 The bad, we were basically promised an early warning
13 system in 1975, and again in 1990. I don't see it in the
14 paperwork. I don't see anything for cleaning up the river,
15 things that have been put in it. Goat Island Dike by the
16 Corps fill at the bridge corridor, the three bridge
17 corridor, the river (inaudible) railroad tracks in
18 Burlington, Removal of the wing dike in District 12 and/or
19 excavation at (inaudible) to get the water around the
20 corner.

21 The preferred alternative here for District 12 Dike
22 is the ugly. They've been a problem for 50 years, maybe
23 100, they've passed the water up river, Sterling,
24 (inaudible) Sedro-Woolley, Clear Lake. They passed it down
25 river to all the rest of the dike districts and Fir Island.

1 They have to be made to take water over the top of their
2 district for anything to work as a dike project or as a
3 flood project in Skagit County. They have to take their
4 share. It has to be spread out and evenly distributed. The
5 Fir Island just can't stand it, and neither can the Samish
6 River Valley. They had a flood out there a few years ago in
7 Samish and they didn't farm all summer up there, just from
8 their own river let alone the Skagit's. Thank you.

9 MR. LEWIS: Carol and then Jason Easton. And Jason
10 is the last person I have recorded so, again, if somebody
11 else would like to speak, please sign up with Scott.

12 MS. EHLERS: Carol Ehlers, E-H-L-E-R-S. You have my
13 address because when I testified at the scoping, you did the
14 right kind of process and sent me a postcard about this
15 meeting. I'd like to compliment you. You're doing so much
16 better than the Navy did a couple of months ago.

17 There is something that I wish you would do.
18 Anacortes is part of the County, but this document isn't in
19 their library. Concrete is part of the County, the document
20 is not in their library. It's a long way to come. And if
21 one person here in Mount Vernon is reading the document, you
22 have wasted (inaudible). And many of us, especially people
23 who work and think like I do, want to a read a paper
24 document so that you can put your finger in one point and
25 another finger in another point and flip back and forth, and

1 see how this section relates to this section, and why this
2 is proposed when you didn't think it should be, but, oh,
3 this is a new idea.

4 Now, there's a lot of people in this room that have
5 been taking part forever. I think my first light (ph)
6 community meeting was in 1988. So there's a lot of old
7 faces and we've spent a lot of time, and I never thought we
8 would get here. So that's the third nice thing you can say.
9 As long as you give us the paper copy to read.

10 Now, thank heavens you are finally able to connect
11 one part of the flood protection on the Skagit River, the
12 lower part (ph) and Lyman's Park. I've been trying to
13 figure out why it hasn't been overflowed all these years,
14 and you're going to actually do it. You're also going to
15 protect the senior citizens in Burlington, but as it was
16 brought up, you're not going to protect the senior citizen
17 homes by the hospital in Sedro-Woolley. Now, when New York
18 City didn't bother protecting the seniors, they've gotten
19 sued for it. And they're going to have to pay a fortune
20 because when seniors are in a home, they aren't mobile.
21 They can't get up and drive away. There's no place in the
22 emergency management process in this County to take them
23 anywhere. They're no place to take them. They're working
24 on a National Hazard Mitigation plan now. I don't see any
25 relationship between that document and this one. And you

1 need to have it. You need to be working together because
2 what you do in this, relates to what they do and can do,
3 might do, or can't do. And you've got to help Mark do it.
4 He's got to get it done this summer.

5 So those are the things that someone living well out
6 of the floodplain -- and pirates knew what floods were
7 because of what my grandfather said back in 1903, you didn't
8 build a house in a floodplain (inaudible.) And thank
9 heavens you're not going to direct all the worst of the
10 water onto the (inaudible) and destroy. I'm so proud of
11 that.

12 MR. LEWIS: Jason Easton.

13 MR. EASTON: I want to thank the Corps and the
14 County for the opportunity to speak, but also the
15 opportunity to serve on the Flood Control Zone Advisory
16 District, the longest acronym committee in the history of
17 the County. As the vice chair of that said along with
18 serving with Chairman Darrell here and other members that
19 are here, we appreciate the opportunity to participate in
20 this decision as they were being made not just to comment at
21 the end.

22 And so, you know, as a resident of Anacortes -- and
23 I apologize I didn't tell you where I was from. I'm from
24 Anacortes. For 12 years I lived in Anacortes. For about
25 eight years I've been involved in this issue. And like John

1 said earlier, I started out very skeptical about the GI
2 study. Those who introduced me to being involved in this
3 whole idea of understanding what GI even stood for, and what
4 the Corps was doing and how all this flood stuff worked, we
5 were very skeptical. And the amount of money that is spent
6 to get to a point of finishing a study, does reinforce at
7 times your skepticism.

8 I will say with respect to the Corps and the County,
9 the resources were quite large. But the results today are
10 better than what we had when we started. And if we
11 implement what's being proposed, we're better than where we
12 were today and where we would be 20 years from now. If we,
13 like other communities, made the mistake of kicking this
14 down the road again -- sometimes the enemy of perfect is
15 good, sometimes the enemy of good is perfect. I think in
16 this case our common enemy is the uncontrolled river at
17 times, but also our common friend. It serves our
18 agriculture community amazingly, serves us with amazing fish
19 and wildlife systems, but it's also a challenge to figure
20 out how to keep everyone protected and safe. We're close.

21 I'm not happy, I'm not extremely excited about what
22 is going to happen to some of these areas. I'm concerned
23 about how the Samish and the Skagit work together to make
24 Highway 20 a real challenge at times. But remember when you
25 protect Burlington and you protect Mount Vernon, you are

1 protecting the economics of the spoken wheel system in this
2 community. Anacortes doesn't -- as they famously tell you,
3 they don't sell socks in Anacortes. They buy them in
4 Burlington and Mount Vernon. And so we continue to work
5 together as a community, find ways to make this thing and
6 improve this thing. We have a world-class drainage system
7 and amazing agricultural system in an unbelievably beautiful
8 place to live. But if we could do a better job of managing
9 the river when it comes at us hard, we are in much better
10 shape. Thank you.

11 MR. LEWIS: Okay. This is the last speaker I have
12 on my list again. Certainly there is opportunity since
13 there is time left. Oscar Lagerlund.

14 MR. LAGERLUND: Oscar Lagerlund, 19501 Dahlstedt
15 Road, Burlington, Washington. I'm one of the expendables.
16 I live in the Samish River flood zone. Don Nelson (ph) was
17 the Flood Control Engineer for the County, some of you
18 remember him, maybe us old-timers. Once again, I look
19 around and I think I'm the oldest guy in the room. Some of
20 you might argue with that, but if you don't know, I do a lot
21 of hard work and drink a lot of milk and not much whisky.

22 So you said we will never flood the Samish and
23 Skagit at the same time. Well, guess what. In 1990, we
24 did. Both basins were full. The question is when you run
25 it through that Samish Basin and it's full, what happens.

1 So the thing that -- I wasn't going to say anything,
2 but then I'm thinking about the dairy farmers. And there's
3 two dairies right where you're proposing to make the dike
4 around Burlington and Industrial Park, and I'm thinking,
5 okay, we're the expendables. Give us a chance to get out
6 alive. Not me, but with the cows. Because I got called at
7 4:50 -- 4:30 in the morning in 1990, and it said evacuate.
8 Have you ever tried to evacuate 600 livestock plus the guys
9 that were down at the organic farm. I said, you know what,
10 make them put the dike on the other side of the organic
11 farms because everybody needs organic, the rest of us, they
12 don't need it. And so those who can survive it, you get
13 your dike on the other side of your farm which is right next
14 Industrial Park. High value, right. What about a buffer
15 for that high value stuff like you talk about buffers for
16 habitats and salmon, and everything else. How about a
17 buffer for a farmer in a flood zone.

18 Now I've been here a long time. These guys are
19 young guys, got two sons with him, an organic farmer. I
20 said, put your dikes way out there so when you get it, tell
21 them you have to stay as an organic farm. So that when you
22 get it, the dike built, then you can sell it for industrial
23 because that was his alternative, to sell out.

24 So that's what a lot of things are looking at.
25 (Inaudible). I fought to preserve egg land. A lot of you

1 know it (inaudible), the whole works. Now I'm asking myself
2 for what. For habitat. My son says we are going to turn it
3 all into swamp, we got the high spots, that's where we will
4 build the houses. Well, that's what they already did. My
5 ancestors sat on (inaudible) Bayview, looked out across the
6 valley and said, oh, there's a high spot -- this is in the
7 1800s -- there's a high spot, there's a high spot
8 (inaudible), house on it. Hopefully, we are sitting on a
9 high spot where we have our farm, but we don't know because
10 the Army Corps hasn't run a "where's the water going to
11 run."

12 And the other thing is like John Roozen said, if we
13 are going to take the water, help us get it out, because we
14 don't have the structure to let it back out through the
15 dikes. Thank you.

16 MR. LEWIS: Are there any other people that would
17 like to speak? Okay. With that, I'll turn it back over to
18 Lynn.

19 MS. WETLZER: Thanks everyone. Thanks Evan. Thank
20 you everyone for your comments tonight. Just one last
21 reminder about the formal comment period ending on the 21st
22 of July. How to submit comments either written to the
23 address here, via e-mail to the address here. You can also
24 call the phone number on the screen, and there are comment
25 forms that you'll pass on the table as you leave, as well as

1 business cards with the location of the document
2 electronically. And it's also available in three libraries,
3 as well as the Skagit County Office. So thank you for
4 coming tonight, and thank you for your interest in this
5 important project.

6 (End of public hearing at 7:41 p.m.)

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

CERTIFIED COURT REPORTER'S CERTIFICATE

STATE OF WASHINGTON)
) ss.
COUNTY OF SNOHOMISH)

I, Tara L. Cunha, CCR No. 3310, the undersigned
Washington State Certified Court Reporter, pursuant to RCW
5.28.010, authorized to administer oaths and affirmations in
and for the State of Washington, do hereby certify:

That the foregoing hearing of Skagit River General
Investigation Project, Public Meeting was taken before me
and completed on June 19, 2014, and thereafter was
transcribed under my direction; that the typewritten
transcript is a full, true and accurate translation of said
hearing;

That I am not a relative, employee, attorney or
counsel of any party to this hearing, or relative or
employee of any such attorney or counsel or person, and that
I am not financially interested in the said hearing or the
outcome thereof;

IN WITNESS WHEREOF, I have set my hand in my office
in the County of Snohomish, State of Washington, this
11th day of July, 2014.

TARA L. CUNHA, CCR
Washington State Certified Court
Reporter No. 3310, residing
at Lake Stevens, Washington

A

ability 26:14
able 5:15 34:10
absolutely 23:10
accept 27:2
accommodate
 28:16
accounts 24:16,19
accurate 17:7 41:9
achieve 13:25
achieved 14:2
achieving 28:6
acres 18:9,10
acronym 35:16
Act 7:7 13:17,23
 15:1
action 8:14,15,20
 13:16
add 4:3 20:2 28:22
added 9:9,14
addition 11:7
additional 9:2,10
 24:3
Additionally 2:17
address 3:2 4:6,25
 7:3 8:7,8 23:19
 33:13 39:23,23
addressed 24:11
addresses 3:18
adequate 28:12
administer 41:5
adverse 9:19
Advisory 35:15
affect 13:8 18:1
affirmations 41:5
afford 17:24
Agency 7:8 14:5,6
 14:15
agency's 15:7
aggressively 3:23
ago 26:21 31:21
 33:6,16
agree 28:9
Agreement 10:24
agricultural 3:10
 9:19 37:7

agriculture 18:1
 20:23 27:18
 36:18
ahead 25:22 30:22
aligned 4:5,9
alive 38:6
alternative 8:15,16
 8:20 9:18,20 10:1
 10:3,11,16 11:6
 11:18,22 12:8,9
 12:16 13:12,16
 24:2 32:21 38:23
alternatives 3:6
 7:15 8:5,8,10,12
 8:14,19,25 9:5,7
 9:8,9,14,15 12:13
 13:2,14,16 14:3
 15:11 29:24
altitude 28:5
amazed 22:20
amazing 36:18
 37:7
amazingly 36:18
amount 17:22,24
 18:11 36:5
Anacortes 33:18
 35:22,24,24 37:2
 37:3
analysis 11:5,8,9
 12:20 13:19
 15:14
analyze 18:13
analyzed 11:19
 12:25 13:4
analyzing 13:12
ancestors 29:3
 39:5
and/or 13:6 32:18
Annie 26:15
annual 6:16,20
 12:3,5,12,13
 24:17,23
annualized 12:11
 12:11
answered 24:13
anybody 28:21

anyway 30:17 31:2
 31:24
apologize 35:23
appeal 22:7
applaud 23:7
applauds 20:24
appreciate 2:8,21
 5:7 35:19
appreciation 20:14
approach 13:8
 20:25
appropriate 13:7
 14:18
approximately
 6:16 12:7 24:16
 24:19
area 7:21,21,22 8:1
 23:4 27:5 30:1
 31:3
areas 7:23 9:18
 10:4,12 11:2 12:8
 36:22
argue 37:20
argued 22:24
Army 1:6 5:7,15
 27:20 39:10
array 8:10,12,14
 8:21,25 9:4,7,14
 9:15 11:7 13:2,14
Article 10:23
asked 27:12 31:6
asking 39:1
aspects 29:21
assembled 8:7
assessment 13:14
assumes 10:10
assuming 28:17
assurance 21:4
attention 15:7
attorney 21:12
 41:10,11
August 14:3 15:9
authorization 4:2
 14:1,25
authorized 41:5
available 3:12

15:19,21 40:2
avoided 11:14
 29:22
awesome 19:1 22:4

B

B 10:23
back 5:15 8:2
 13:18 16:5 19:13
 28:12 29:25
 33:25 35:7 39:14
 39:17
bad 32:7,12
Baker 7:24 9:10
 10:17,19,21,22
 10:24 11:1 32:8
bank 19:9,9
based 3:15 13:4,15
 23:25 29:23
basic 29:7
basically 28:14
 32:12
Basin 2:10,24 3:3
 3:18 4:25 6:13
 7:4,14,24 8:7
 10:11 17:16
 27:23 37:25
basins 37:24
Bay 8:23
Bayview 29:5 39:5
beautiful 37:7
Beaver 17:3
behalf 21:15,16
believe 29:6,17,22
benefit 9:10
benefit-cost 12:17
benefits 11:14,15
 12:6,12,12,12,14
 12:17
best 9:23 13:10
 19:17 21:20
 29:23 30:7,12
better 18:21 26:3
 33:16 36:10,11
 37:8,9
beyond 17:23

big 25:8,22
bigger 22:13
bit 7:25 13:18
 31:17
Bob 26:17 27:25
 28:1
bother 34:18
box 12:18
bridge 19:7,10
 32:16,16
bridges 10:11
brief 29:10
briefly 2:15
brothers 17:4
brought 32:10
 34:16
buck 27:13
Buclet 2:18
budgets 3:25
buffer 38:14,17
buffers 38:15
build 17:6 35:8
 39:4
building 25:12
buildings 18:2
built 19:2 38:22
Burlington 10:4,6
 10:13 11:2 12:9
 15:22 20:9,10,24
 24:16,18 25:7,21
 25:24 29:3,5
 32:18 34:15
 36:25 37:4,15
 38:4
bus 27:24
business 15:20
 27:8 40:1
businesses 26:10
busy 2:9
buy 37:3
buyouts 9:13
bypass 8:21,22,23
bypasses 9:2,3

C

call 39:24

called 16:7 38:6	come 3:21 5:4,15	comparison 9:4	4:18 12:24 14:12	23:8 25:20 26:12
Cantwell's 2:20	16:8,9,18,23 22:3	13:15 15:12	25:14	27:11,12,21
capacity 27:16	25:22 27:11 31:8	compensate 25:16	consistent 10:22	28:25 29:4 33:3
card 16:17	31:19 33:20	complete 3:2 9:8	13:16 21:1	33:18,19 34:22
cards 15:20 40:1	comes 27:7 31:2	10:15 14:23	construct 9:2,21	35:14,17 36:8
Careful 20:19	37:9	completed 14:24	constructing 10:6	37:17 40:3 41:3
Carol 32:2 33:9,12	coming 19:24,25	41:8	construction 3:8	41:14
case 9:10 36:16	40:4	completion 3:23	25:4	couple 15:25 19:18
CCR 1:25 41:4,18	comment 2:3 3:14	compliment 33:15	context 29:20	33:16
certain 17:24	4:18 5:12 6:2,9	Comprehensive	continue 3:1 4:7	course 22:14 31:3
certainly 19:20	7:20 14:10 15:3	8:16 9:25 11:5,17	30:13 37:4	court 16:11,19,25
24:25 29:11	15:18 16:4,10,13	11:21 12:7,16	continues 3:23,25	21:10 25:1 41:1,5
37:12	16:14 19:23	20:25 24:1	continuing 21:3	41:18
CERTIFICATE	23:15,18 35:20	conceptual 9:6	contribute 11:12	cows 38:6
41:1	39:21,24	10:10 13:3,5	12:14	create 27:4,24
Certified 41:1,5,18	commenting 6:4	concern 15:8 28:11	control 21:15,18	created 27:1
certify 41:6	comments 3:21	concerned 36:22	21:24 30:23	criteria 9:16,16,21
cetera 20:23	4:12,16 5:14,16	concerns 25:10	35:15 37:17	critical 6:14 19:13
chair 35:17	5:16 6:1,7 7:16	Concrete 17:11	convinced 23:18	29:9
Chairman 2:14 5:1	7:19 14:11,12	33:19	copy 34:9	criticism 22:7
35:18	15:4,10,15,17,25	concurrence 14:6	cord 19:24	criticize 21:25
challenge 36:19,24	16:5,12 17:4	14:16,21	corner 32:20	crops 18:2
chance 6:16,21	19:18 24:4 26:2,4	concurrent 3:13	Corps 1:6 2:25	Cross 10:6
24:23 38:5	28:9 39:20,22	7:8,16 14:9	3:19 5:7,15 7:1,8	crowd 5:4
change 13:6,7,8	commercial 24:20	condition 13:9,11	7:10 13:22,23,24	cultural 20:22
changes 14:18 26:3	Commission 10:24	conducted 7:8 11:8	14:6 15:14 20:10	cumulative 13:13
channel 8:22	Commissioner	11:8 12:20 13:20	21:4,6,19,19	Cunha 1:25 41:4
charged 29:16	2:14 5:2	15:14	22:14 23:7,19	41:18
checked 6:6	commissioners	confluence 11:4	25:24 27:9,10,19	curious 28:7
choked 19:11	26:20	congratulations	27:20,23 28:14	current 7:20 10:10
Christian 22:3	commitment 4:25	25:7	30:12 32:16	15:18 16:21
citizen 34:16	committed 2:25	Congress 4:7 14:1	35:13 36:4,8	Cutoff 10:7
citizens 15:2 34:15	21:3	14:25 29:13	39:10	
city 20:9,10,24	committee 35:16	congressional 4:2	Corps' 24:1	D
21:2 25:20,23	common 21:5	5:19	corridor 32:16,17	Dahlstedt 2:14
32:9 34:18	36:16,17	connect 34:10	cost-effectively	37:14
civil 4:23 20:17	communities 4:9	Conner 15:22	10:1	dairies 38:3
cleaning 32:14	36:13	25:22	costly 9:21	dairy 38:2
clear 4:10 25:7,8	community 4:5,11	consequences 13:1	costs 3:9 11:15	Dam 9:10 10:17,19
32:24	24:22,25 25:19	consider 3:22	12:9,11,13	10:21 11:1
climate 13:6,8	25:19 34:6 36:18	considerate 4:13	counsel 41:11,11	damage 3:7 12:6
Clint 32:6	37:2,5	30:7	counties 7:22	24:21
close 36:20	community's 15:8	consideration 7:17	county 2:12,14 3:2	damaged 22:12
closer 5:6 17:1	compare 9:5	15:11 18:8 20:20	4:11 5:2,8 8:11	damages 2:25 6:13
collect 4:12	compared 9:15	26:5,12	15:14,22,23 17:3	6:23 10:2 11:14
combined 8:7	12:11	considered 3:6	17:20 21:6,19	12:3,5,5 24:17,20

25:17
damaging 11:7
dams 30:24 31:10
 31:18,20,21 32:8
Dan 20:3 27:25
 28:20,24
Darrell 35:18
Darrin 16:22 20:1
day 18:11,17 22:2
 22:16 41:14
deal 19:14 21:20
decision 14:6,16
 35:20
decision-making
 15:7
declining 3:24
DelBene's 2:19
delighted 20:10
demonstrated
 20:21
demonstrates
 20:19
depths 30:15
Deputy 2:5
deserves 30:16
design 7:18 10:10
 12:21 14:8,14,17
 14:20,22,23 18:7
designed 13:3
designs 9:6 13:5
destroy 35:10
detail 13:19,21
determine 11:10
determined 12:23
determines 4:7
 11:13
developed 8:5,6
developing 7:13
development 11:11
 11:12,20,23
 12:14,19
dialogue 24:4
diaster 27:3
difference 17:13
different 12:1
 23:11

dike 5:10 21:2,12
 21:12,13 22:6,16
 22:21 23:4,12,24
 23:25 24:5 28:13
 29:1,7 32:15,18
 32:21,25 33:2
 38:3,10,13,22
dikes 23:3 38:20
 39:15
Dillon 2:15
direct 13:13 15:7
 35:9
direction 41:8
directions 30:15
Director 20:9
disappointed
 25:18
disaster 26:25 27:1
 27:4
discharges 18:19
discusses 7:12
discussion 20:12
disorganization
 22:8
dispute 22:6
distribute 18:24
distributed 33:4
district 1:7 2:6,6
 21:2,3,12,12,13
 22:11 23:24 24:5
 25:12 26:13,20
 26:21 27:3,7,17
 27:22,23 29:1,7
 29:16,19 32:18
 32:21 33:2 35:16
districts 5:10,10
 21:17 22:10,20
 23:12,14 25:15
 32:25
document 33:18,19
 33:21,24 34:25
 40:1
documenting
 16:11
doing 19:16 21:4
 22:6 24:3 26:22

31:11 32:8 33:15
 36:4
Don 37:16
Downes 2:20
downstream 11:3
draft 6:1 7:5,11,12
 8:4 13:1 14:18
 15:15,19 20:13
drainage 18:9
 22:22 23:14,15
 25:14 26:13,19
 27:3,7,22,23 37:6
draining 18:9,11
dramatically 29:12
drink 37:21
drive 34:21
drop 31:8
due 14:11

E

E 1:19
E-H-L-E-R-S
 33:12
e-mail 16:5 20:5
 39:23
earlier 5:25 10:20
 13:2 14:4 20:21
 36:1
early 9:13 10:18
 32:12
earthwork 9:2
Easton 33:9 35:12
 35:13
Eastwood 32:6
economic 3:7 11:9
 11:11,12,20,23
 12:14,19,23
 24:22
economics 37:1
economy 20:22
Ed 28:20 30:19,20
effects 13:14,15
effort 21:3
efforts 6:22 24:1
egg 38:25
Ehlers 32:3 33:12

33:12
eight 35:25
either 39:22
electronically 40:2
elevating 9:12
elevations 12:2
emergency 34:22
employee 41:10,11
encourages 15:1
ends 6:3 31:25
enemy 36:14,15,16
Energy 10:23
engaged 21:14
engaging 20:17
engineer 2:6 23:24
 28:7 37:17
engineering 20:17
 20:18
engineers 1:6 7:10
 27:20 30:25 31:5
ensuring 9:17
environmental 6:2
 7:6,7 9:19 11:8
 12:24 13:1,15,17
 13:19,23 14:19
 15:1 20:20
environmentally
 11:6
era 3:24
escape 31:17,18
especially 33:22
essentially 9:23
establish 13:11
estate 9:20
et 20:23
evacuate 38:7,8
evaluate 4:15 9:6
 11:10
evaluated 9:15
 11:19 12:25 13:7
evaluating 7:14
 13:13
evaluation 15:12
Evan 16:14,17
 39:19
evening 2:1 4:24

9:17
evenly 18:24 33:4
event 9:5 13:3
everybody 2:8
 16:20 23:18
 38:11
excavation 32:19
exceed 24:9
exceedance 6:17
 6:21 24:24
exception 8:20
excited 36:21
exciting 17:19
existing 6:15 8:17
 9:1 10:5 13:10,11
expect 15:16
expectation 4:22
expected 12:4,4
 24:17,20
expecting 27:10
expendables 37:15
 38:5
expert 5:20
explained 30:14
extend 28:12
External 7:9
extremely 36:21

F

faces 34:7
facilitate 16:14
facility 26:9
fact 22:14
faint 8:1
famously 37:2
far 25:22 27:14
farm 17:3 33:7
 38:9,13,21 39:9
farmer 17:2 38:17
 38:19
farmers 38:2
farming 29:4 31:3
farms 38:11
fast 18:6
favor 23:13
feasibility 6:1 7:5

7:18 14:1,19 20:13 feasibility-level 12:21 14:7,13,17 14:20,22,23 features 12:1 federal 3:25 4:4 8:15 10:23 11:11 11:13 12:15 15:6 feel 25:18,20 26:3 29:5 feet 17:9,11,15,16 31:9 felt 22:25 fight 6:22 figure 34:13 36:19 fill 32:16 filling 31:16 film 32:6 final 4:16 7:18 8:12,14,21,25 9:4 9:7,14,14 11:7 13:2,14 14:23 15:16 16:13 26:13 finally 34:10 financial 30:10 financially 41:12 find 23:12 37:5 finger 33:24,25 finishing 36:6 Fir 32:25 33:5 fire 10:13 25:11 first 5:21 14:2 16:23 17:6 21:25 32:8 34:5 fish 36:18 five 7:1 13:24 flash 31:13 flimflammed 30:17 flip 33:25 flood 2:23,24 3:2 3:18 4:1 6:12,22 7:3,14,14 8:7 9:18 10:2,3,8,18 10:19,20 11:2	17:20 20:12,16 21:13,14,18,24 22:9 28:6 31:13 33:3,6 34:11 35:15 36:4 37:16 37:17,22 38:17 flood-proofing 9:13 flooding 2:25 4:25 8:8 29:11 floodplain 7:24 24:11,22 35:6,8 floods 11:15 22:9 35:6 flowed 19:9 flows 11:3 focuses 7:23 folks 2:8 22:22 25:8,9 followed 20:1,3,6 21:7 23:21 25:5 26:17 27:25 28:7 28:8,20 30:19 32:2 following 5:24 14:20 foot 28:5 force 27:6 foregoing 41:7 forever 34:5 Fork 19:7,10 form 17:7 21:17 23:5 formal 39:21 formed 21:13 26:21 forms 16:4 39:25 formulation 7:15 15:11 forth 33:25 fortune 34:19 forward 4:1,7,18 5:9,17 7:3 14:7 14:13,15,17,21 21:5 24:25 25:3,4 foster 4:22	fought 38:25 found 4:4 foundation 17:6 four 29:4 frame 10:22 freeway 29:12 friend 36:17 friends 21:20 25:12,24 front 30:8 full 37:24,25 41:9 funded 3:25 4:8 23:11 Further 12:20 future 12:3 13:9	19:12,14,15,25 22:22 23:16 24:10 26:7 27:4,5 27:6 28:19 30:5,9 31:15 32:1,1 34:14,14,16,19 35:9 36:22 38:1 39:2,10,13 good 2:1 5:4,16 19:4 23:19 27:21 30:9 32:7,7 36:15 36:15 gotten 5:22 34:18 grading 5:10 grandfather 35:7 gray 12:18 great 2:7 22:16 23:8,8 greater 11:15 12:17 13:20 grew 29:1 group 5:8 grow 19:11 guess 23:2 37:23 guy 37:19 guys 23:8,16 38:8 38:18,19	happens 19:4 37:25 happy 36:21 hard 3:20 30:5,8 37:9,21 Hazard 34:24 hear 3:5,17,21 16:19,20,25 21:9 heard 26:4 31:16 hearing 40:6 41:7 41:9,11,12 hearings 15:2 heavens 34:10 35:9 height 28:17 held 15:10 help 4:22 5:20 32:9 35:3 39:13 helped 5:19 21:13 helps 17:7 Helton 26:18 27:25 28:1,1,4 high 38:14,15 39:3 39:6,7,7,9 higher 28:13 Highway 25:11 26:8 30:21 36:24 hill 10:6 27:6 history 35:16 hold 16:15 31:9,15 home 26:8 34:20 homes 34:17 hope 4:6 11:13 18:7,12 25:14 hopefully 30:17 39:8 hospital 10:15 23:1 23:3 25:11 26:9 26:11 34:17 hospitals 6:15 hot 18:17 house 35:8 39:8 housed 28:13 houses 39:4 housing 26:9 huge 20:17 husband's 26:10
		<hr/> G <hr/>		
		gap 29:10 gates 18:21 general 1:1 2:11 6:11 10:15 20:14 26:6 29:20,21 41:7 generations 29:4 getting 5:6 23:9 25:25 28:21 32:9 GI 21:25 22:13,19 32:5 36:1,3 give 2:12 18:18 26:13 34:9 38:5 given 20:20 22:22 gives 20:13 21:4 go 2:4 5:21 6:9 15:24,25 16:3 18:4,5,10,13,14 18:15,16 19:7,10 19:15 22:25 31:11 goal 21:5 Goat 32:15 goes 18:4,4,5,22 19:5,5,13 31:10 going 5:17 15:24 17:4,13,14,16,17 17:19,25 18:1,12 18:12,13,16,20		
			<hr/> H <hr/>	
			H 23:2 H-A-L-V-E-R-S... 32:5 habitat 20:22 39:2 habitats 38:16 half 12:7 Halverson 30:19 32:2,4,4 Hamilton 30:20 31:4 hand 41:13 handle 27:15 handled 27:12 handout 8:2 hands 19:1 happen 30:3 36:22 happening 17:8	

hydraulics 20:18
hydroelectric 7:25
 31:21

I

idea 27:13 30:24
 34:3 36:3
identified 3:4 8:12
 9:25 11:16 12:19
identify 9:6,22
 11:19,23
identifying 11:9
impact 3:10 6:2
 7:6 14:19
impacts 9:19,20
 12:24
implement 36:11
importance 2:23
important 3:22
 4:11 15:5 17:5
 18:3,15 19:4
 23:16 24:24
 29:19 40:5
importantly 22:24
impossible 17:21
improve 18:19
 27:17,18 37:6
improved 18:22
improvement 8:16
 8:17 9:25 11:6,18
 11:21 12:8,16
 20:25 21:1 24:2
improvements 9:1
 17:20 22:17
improving 10:5
inaudible 2:17,18
 2:18 21:9 22:6,10
 22:11,23,23 27:2
 28:6 30:21 31:3
 32:17,19,24
 33:22 35:8,10
 38:25 39:1,5,8
include 4:16 8:25
 10:17 12:1
included 16:12
includes 22:19

24:20
including 3:14
 7:14 24:4
increased 29:12
incremental 11:1
Independent 7:9
independently
 21:2
indirect 13:13
individuals 16:2
industrial 24:21
 38:4,14,22
ineffective 26:7
inform 7:17
information 13:10
infrastructure 6:14
 25:10 29:9
infrastructures
 26:22
initiated 14:11,20
injured 22:12
input 3:13,15,22
 7:11
inputs 15:15
insurance 28:19
Integrated 7:5
 14:18 15:15
Intent 15:9
interest 2:10 4:24
 11:13 40:4
interested 6:3,8
 16:1 41:12
Interstate 29:10
introduce 2:5
introduced 36:2
Investigation 1:1
 2:11 5:5 6:11
 20:14 41:7
invite 3:11 4:19
involved 5:11
 35:25 36:2
involvement 2:10
 15:5
Island 32:15,25
 33:5
Islands 31:3

issue 20:12 35:25
issues 20:20,22

J

jaded 22:2
Jason 33:9,9 35:12
job 23:8,8 26:14
 29:16 37:8
Joe 2:20 8:21
John 16:22,24 17:2
 20:6 21:7,7,9,11
 21:21 22:3 23:21
 23:23 35:25
 39:12
judgment 13:10
Julien 2:19
July 6:3 14:12
 39:22 41:14
June 1:10 14:11
 41:8

K

Karen 24:3
keep 16:15 36:20
Ken 2:14
Kera 16:15,15
key 8:18
kicking 36:13
Kincaid 1:19
kind 24:5 27:10,14
 29:5 30:24 32:6
 33:14
kinds 29:11
knew 35:6
know 12:6 16:2
 17:21 18:15,24
 22:10,21 24:9
 27:15 28:18 29:4
 29:8,10,15 30:15
 35:22 37:20 38:9
 39:1,9
Knutzen 25:5
 26:17,19,19

L

L 1:25 41:4,18
L-E-F-E-B-E-R

28:25
La 15:21 25:22
Lagerlund 37:13
 37:14,14
Lake 25:7,8 32:24
 41:19
land 18:2 19:15
 38:25
lands 3:10
large 7:22 36:9
Leary 8:21
leave 39:25
Lefeber 27:25
 28:24,24
left 37:13
legislative 5:18
Leonard 30:19
 32:2,4
let's 5:23 30:16
levee 6:15 8:16,18
 9:25 10:7,7 11:5
 11:17,21 12:1,7
 12:16 20:25 21:1
 24:1 28:16
leveeing 19:3
levees 8:17,17 9:1
 9:1 10:5,6 23:4
 24:6,7
level 6:17,18 7:18
 9:6 11:24,24,25
 12:2 13:3,6 28:15
 28:17
levels 11:18 24:8
Lewis 16:14,18
 19:20,23 20:3,6
 21:7 23:21 25:5
 26:15,17 27:25
 28:20 30:19 32:2
 33:9 35:12 37:11
 39:16
libraries 3:12
 15:22 40:2
library 33:19,20
life 3:6 10:2 19:16
 29:17 30:6
lifetime 30:9

lifetimes 30:4
light 19:1 32:9
 34:5
limit 4:21
limited 18:10
line 7:25 27:5
link 15:19
Lipsey 28:20 30:19
 30:20,20 31:24
list 5:13 28:23
 37:12
listen 4:12 30:11
listened 30:12
little 7:25 13:18
 17:1,6 18:25
 21:21 28:1 31:17
live 16:24 25:23
 30:22 31:4 37:8
 37:16
lived 35:24
livestock 38:8
living 31:2 35:5
local 3:12 4:5 5:10
locally 29:13
located 7:24 10:7,8
location 40:1
logistics 2:4
Loh 2:19
Lohman 26:15,16
long 5:4,20 28:18
 30:2 31:21 33:20
 34:9 38:18
long-term 6:24
longest 35:16
look 4:14 5:13 6:20
 11:20 12:21
 14:16 19:10 21:5
 24:25 25:3,8,21
 37:18
looked 11:17,23
 27:13 39:5
looking 22:19
 38:24
looks 5:12
loosened 31:17
lot 21:22,23 23:20

25:13,15,16
 26:11 27:21,21
 29:13 34:4,6,7
 37:20,21 38:24
 38:25
louder 21:22
lower 2:23 3:3,8
 7:23 10:21 24:10
 31:15,25 34:12
lowest 3:9,10
Lyman 30:20
Lyman's 10:8
 34:12
Lynn 2:1,7 39:18

M

M-A-T-T-E-R-A...
 25:6
main 29:16
maintain 28:13,16
maintenance 3:9
making 20:15
management 2:23
 3:3,18 6:12 8:6
 34:22
Manager 28:25
managing 37:8
map 8:2
March 10:21
Mark 35:3
Marsh 17:3
Marv 20:4,6,8
matter 17:12 18:3
Matterand 23:22
 25:6,6
maximize 11:14
maximized 12:13
maximizes 12:16
mean 23:14 31:18
measure 9:11,11
 10:18 11:1
measures 8:5,6 9:8
 10:17 12:22
meet 25:25
meeting 1:2 8:9
 15:9,10 33:15

34:6 41:7
meetings 15:3 26:4
meets 9:23 10:1
members 3:18
 35:18
mention 22:14
 24:14
mentioned 5:25
 6:6 10:12 13:2
 31:12
message 4:10
mic 16:19 17:1
microphone 16:8,9
miles 22:17
milestone 6:25
 14:4,5,6,15,16
milestones 7:1
 13:25 14:3,3
milk 37:21
million 12:10
mind 17:6
minus 12:12
minute 16:16
minutes 2:2 16:11
 16:17
missed 25:1
mistake 36:13
Mitigation 34:24
mobile 34:20
modification 9:11
 10:11
modified 3:15
modify 14:13
moment 17:19
money 17:22 23:6
 25:16 27:18,19
 36:5
month 10:20
months 33:16
morning 38:7
Morrison 16:22
 20:1,2
motorcycle 19:8
Mount 1:21 10:4
 10:13 11:2 12:9
 15:21 24:16 29:1

29:5 33:21 36:25
 37:4
Mountain 28:1
mountains 28:5
mouth 17:10
move 3:25 4:7,18
 14:7,13,17,21
moved 28:2
moving 25:3 28:5

N

name 2:1 16:9,20
 16:23 20:8 21:9
 21:11 28:23,24
names 16:4 28:22
nation's 11:12
national 7:7 11:10
 11:20,23 12:14
 12:18,23 13:17
 13:22 15:1 26:25
 34:24
natural 27:3
Navy 33:16
near 26:9
necessary 26:23
need 5:13 17:1
 18:15,19 23:17
 28:3 29:14,15,17
 30:7,11,13 35:1,1
 38:12
needs 18:22 31:16
 32:9 38:11
neighbors 25:13
neither 33:5
Nelson 37:16
NEPA 1:2 15:5
net 11:14 12:12,13
 12:17
never 22:3 31:12
 34:7 37:22
new 8:17 9:1 10:6
 34:3,17
nice 5:3 34:8
No-Action 13:12
 13:16
non-federal 2:13

non-structural
 9:11 10:17 12:22
North 19:7,10
notice 6:20 15:9
number 3:13 21:15
 21:16 39:24
numbers 25:21
 30:14
nursing 26:8

O

o'clock 2:3,4
O'Donnell 20:3,5
oaths 41:5
objective 11:11
objectives 6:12
 9:23 10:2
obtain 3:21
obvious 25:21
obviously 8:19
October 10:20,21
office 2:20,20
 15:23 25:12
 26:10 40:3 41:13
offset 12:22
oh 21:23 25:3 34:2
 39:6
okay 20:3,6 21:23
 37:11 38:5 39:17
old 18:25 19:8 28:8
 34:6
old-timers 37:18
oldest 37:19
Olton 2:6
once 4:24 5:14
 11:16 12:23 24:9
 37:18
online 3:12 15:19
open 19:9
opening 5:2
Operational 9:11
operations 3:8
 28:25
opinion 27:22
opportunity 4:20
 6:1,7 7:11 15:6

15:13 35:14,15
 35:19 37:12
option 20:25
orally 15:4
order 16:3,8 26:23
 27:24
organic 38:9,10,11
 38:19,21
organization 23:6
origin 17:10
Oscar 37:13,14
outcome 41:12
outcomes 30:16
outlet 8:22
output 8:24
outside 7:10 25:23
overflows 27:1
overflow 17:25
 19:13,14
overflowed 34:13
overflowing 17:25
overlay 8:19
overtops 27:5

P

P-U-L-S-T 20:8
p.m 1:13 16:14
 40:6
Padilla 8:23
page 24:18
pages 22:4
painstaking 26:22
paper 33:23 34:9
paperwork 32:14
Park 10:8 27:8
 34:12 38:4,14
part 17:6 18:3 19:4
 19:5,14 25:2
 31:15,18 32:7
 33:18,19 34:5,11
 34:12
participate 15:2,6
 35:19
participation
 12:15
particularly 25:11

parties 21:13	9:24 10:16 11:10	28:15	6:24 10:12 11:2	read 6:19 22:4
partners 3:2	11:11,16,20,23	prevented 6:22	11:18,24,25,25	33:23 34:9
partnership 21:18	12:19,23,24 14:4	12:5	12:2,8 24:9,22	reader 20:14
parts 17:25	14:7,13,16,21	previously 6:22	28:13 34:11	reading 33:21
party 41:11	20:11 23:2 24:6	prior 16:10 28:9	proud 26:24 35:10	real 9:20 36:24
pass 27:13 28:3	25:3,14,23 28:11	probably 29:24	provide 3:12,16	really 2:8 5:3,7
39:25	28:14,19 30:18	30:9	4:14,20 6:7,24	21:16 22:5,20
passed 32:23,24	34:24	problem 27:9 31:1	7:11 9:9 10:3	25:19,25 27:21
paths 28:8	planning 7:1,12	31:2 32:22	11:1 12:2 15:15	30:8,14
pay 22:15,15 34:19	8:4 13:22,24	problems 22:21,22	provides 6:16	realm 29:6
pays 22:14	plans 11:22 26:13	22:23 28:4	10:12,18	reasonably 11:13
peak 31:9	plant 10:14 23:1,3	procedure 15:24	providing 2:23	12:13
Peer 7:9	please 6:4 16:8	process 2:11 4:9	10:19 16:10	received 7:16
people 5:11 21:25	19:25 26:13	7:1,2,12,13 13:22	public 1:2 3:14 7:7	recognize 2:13,17
29:15,25 31:20	28:22 33:11	13:23 15:5,7,12	8:9 14:9,10,11	recommendation
33:22 34:4 39:16	plus 38:8	19:15 30:13	15:2,4,6 20:9,21	7:2
percent 6:16 22:15	point 9:17 17:10	33:14 34:22	40:6 41:7	recommended
22:15 24:17,19	24:12 27:9 28:8	produced 20:11	Puget 31:20	12:15
24:20,21,23	33:24,25 36:6	professional 13:10	Pulst 20:4,6,8,8	recommending 4:1
perfect 29:24 30:6	Policy 7:7 13:17,23	program 5:22	purposes 9:4	recorded 33:10
30:6,18 36:14,15	15:1	project 3:19,19,20	pursuant 41:5	red 16:17
period 3:14 6:2	population 6:13	4:10 5:6,9,12,16	pursue 3:23	reduce 2:24 7:13
7:17,20 14:10,10	portion 2:5	5:20 6:11 7:23,25	put 5:14 13:25	12:6
15:18 16:13,14	positive 28:9	8:1 10:25 12:1,3	18:23 24:12 27:7	reduced 3:6 11:3
39:21	possible 13:11	12:4,5,6 13:8,9	32:15 33:24	reduces 9:18
periods 15:3	19:17	13:25 14:2,2,25	38:10,20	reducing 6:13 10:2
permanent 29:2	post 25:12	21:1 22:16 27:9	putting 8:23	reduction 4:1 10:4
permission 27:19	postcard 33:14	27:21,24 32:5,5		reexamination
permit 22:25	posters 13:18	33:2,3 40:5 41:7	Q	32:11
person 16:21,21	potential 2:24 7:13	projects 4:3,8 5:21	question 28:14	refine 30:13
33:10,21 41:11	7:15 13:13 24:21	22:9,11	31:6 37:24	refined 8:11
personally 3:11	30:16	promised 32:12	questions 4:13,16	regional 20:22
ph 16:15 22:3 34:5	potentials 29:22	promptly 16:13	24:2,8,12	regions 24:15
34:12 37:16	Power 31:20	property 19:16	quite 21:15 22:20	Regulatory 10:23
phase 12:21	preferred 32:21	proposed 7:3 10:16	25:9 30:22 36:9	reinforce 36:6
phone 39:24	preliminary 8:10	34:2 36:11	quotes 24:15	relates 34:1 35:2
pink 27:5	23:25	proposing 38:3	R	relation 13:9
pipelines 6:15	premise 29:7	protect 17:22,23	R-O-O-Z-E-N	relationship 34:25
pirates 35:6	present 4:20 16:6	19:16 29:8,15	16:24	relative 41:10,11
pitting 25:18	presentation 2:2	34:15,16 36:25	railroad 32:17	remaining 16:16
place 25:16 34:21	5:25 6:10,18	36:25	rain 23:2 31:1	remains 23:11
34:23 37:8	presented 6:25	protected 24:6	raising 9:12 10:5	remarks 5:2
places 18:2	8:10	36:20	range 9:16 12:10	remember 36:24
plan 3:5,7,11,13,15	preserve 38:25	protecting 6:13,14	ratio 12:17	37:18
3:17 4:1 6:24 7:3	pretty 21:14 22:2	34:18 37:1	RCW 41:5	reminder 39:21
7:3 8:13 9:7,22	25:21 26:7,7,24	protection 6:17,18		reminds 32:6

Removal 32:18	right 2:5 10:8 14:9 18:21,22 19:7,10 21:4 23:10 26:24 27:7,16 29:20 33:14 38:3,13,14	20:21	send 4:9 20:5 30:1	situations 30:6
repair 22:10	risk 2:23,24 3:2,18 4:1 6:12 7:4,14 8:7 9:18 10:2,2,3	salmon 38:16	senior 26:9 34:15 34:16	six 22:17
report 4:17 6:1,19 7:5,12,12,18 8:4 13:1,20 14:1,19 14:24,24 15:15 15:16,16,19 16:13 20:13,18	risks 7:15 12:23	Samish 27:1,16,23 33:5,7 36:23 37:16,22,25	seniors 34:18,20	six-step 13:22
REPORTED 1:25	risky 6:23	sat 39:5	sent 33:14	Skagit 1:1,17 2:10 2:12,13,24 3:1 4:11,25 5:2,5 6:11 7:4,23 10:5 14:2 15:23 17:3 17:20 20:12,16 24:24 28:25 29:4 32:9 33:3 34:11 36:23 37:23 40:3 41:7
reporter 16:11,19 16:25 21:10 25:1 41:5,19	river 1:1 2:10,24 4:25 5:5 6:11 7:4 7:24,25 10:5,24 11:4 17:9 18:5,14 19:5,9 22:17 24:7 24:10 27:1,16 29:12 30:23 31:9 31:15,25 32:9,14 32:17,23,25 33:6 33:8 34:11 36:16 37:9,16 41:7	says 31:7,10,11,11 39:2	serve 35:15	Skagit's 33:8
REPORTER'S	Riverbend 10:7 22:23 23:4	scales 11:17,21,25	serves 36:17,18	Skagit-Baker 11:4
41:1	road 17:3 28:1 32:5 36:14 37:15	scenarios 30:3	serving 35:18	skeptical 36:1,5
reports 31:19	Rockport 17:11	schedules 2:9	session 2:3	skepticism 36:7
represent 23:24	Roger 25:5 26:17 26:19	schools 6:14 10:13 25:11	set 4:22 41:13	skills 20:18
representative	Ron 2:14	scoping 15:2,9 33:13	setting 4:23	slide 12:25 21:8 22:5
2:18,19,19	room 13:18 34:4 37:19	Scott 28:22 33:11	Settlement 10:24	slideshow 20:21
representatives	Roozen 16:22,23 16:24 17:2,2 19:22 39:12	screen 39:24	shape 37:10	slope 28:12
2:12 4:8,10	roughly 8:1 17:10	screening 7:15	share 4:19 30:2 33:4	Slough 8:21,24
research 23:7	routine 7:2	sea 13:6 24:7 28:17	Sharon 2:15	slows 17:14
reserve 28:16 29:20	run 37:24 39:10,11	sea-level 28:15	sheet 6:5	Snohomish 41:3,14
residence 29:2	runs 22:16	seasonal 10:18	short 26:1	snow 31:1
resident 35:22	rural 24:6	Seattle 1:7 2:6	shortening 23:9	socks 37:3
residing 41:19	<hr/>	second 6:25	shown 7:21 12:4 12:3,25	solution 29:24
residual 12:22	S	section 24:14 34:1 34:1	shows 8:18 11:5 12:3,25	solutions 7:13
resolution 22:1	S-E-M-R-A-U	Sedro-Woolley	Shultz 20:7 21:7,8 21:9,11,11,23	solved 28:4
resource 13:6	23:23	10:14 22:24 25:9	shut 31:10	Solving 20:16
resources 9:19,20 12:25 13:4 24:23 36:9	safe 4:23 36:20	29:2 30:21 32:24 34:17	sic 6:17,21 19:3 24:24	somebody 33:10
respect 36:8	safety 3:7 10:3	see 2:7 7:19 12:18 15:17 16:19 23:2 24:18 27:20 28:22 31:8 32:13 32:14 34:1,24	side 3:1,1 19:24 38:10,13	son 39:2
respectful 4:23		seek 14:6	sign 16:16 33:11	sons 38:19
respond 23:15		seeking 14:22,25	sign-up 6:5	sorry 17:1 21:10 21:23 25:1
responses 4:14,14 4:16 7:19 15:17		selected 3:4,7 6:24 8:13 9:7,22,24 11:10,16,22 14:4 20:11	signed 6:4 15:21 16:3,7,8	sounds 26:6
rest 19:15 32:25 38:11		selection 20:24	significant 3:24	space 28:12
result 12:17		sell 37:3 38:22,23	signing 16:1	spanning 7:22
results 29:8 36:9		Semrau 21:7 23:21 23:23,23 25:3	similar 10:22	speak 2:15 21:15 21:21 26:16 33:11 35:14 39:17
review 3:11,14 7:7 7:9,10,16 14:9,10 15:13 23:25 29:20		Senator 2:20	Simons 16:15	speaker 4:20 21:21 26:15 37:11
reviews 3:14 7:8		senators 5:19	simple 17:5 28:15	speakers 28:10,21
			simply 20:17	
			single 18:11	
			single-purpose 6:12	
			sir 16:25 25:1	
			sitting 39:8	
			situation 17:20 18:5 28:7 29:17	

speaking 6:8
special 5:22
specifically 9:17
specifics 3:17
spell 16:9
spelled 28:24
spend 23:7
spent 34:7 36:5
spoken 37:1
sponsor 2:13
sponsors 3:19
spot 39:6,7,7,9
spots 39:3
spread 33:4
Spring 8:9
ss 41:2
staff 5:8
stages 11:3
stakeholders 3:20
stand 19:6,10 33:5
stand-alone 9:8
 10:16
start 16:21 31:5
 32:7
started 21:8 36:1
 36:10
starting 10:20
state 16:9 41:2,5,6
 41:14,18
Statement 7:6
 14:19
statements 6:2
Station 1:17
stations 10:14
status 3:16
stay 38:21
stays 19:5
step 19:25
Sterling 22:18 27:5
 32:4,23
Stevens 41:19
stick 26:1
stood 3:7 36:3
storage 10:18,19
 10:20
storm 31:8,10

story 8:4 23:11
Street 1:19
strive 13:9
strong 29:14
structure 39:14
structures 9:12
studies 13:24,24
study 2:11,25 3:4
 3:17,22,24,25 5:5
 6:12 7:1,21,21
 9:23 20:11,15
 21:25 22:5,13,19
 23:9,25 24:15
 29:8 36:2,6
study's 2:13
stuff 19:19 30:22
 30:24 36:4 38:15
submit 15:4 16:1
 19:20 39:22
submitted 7:19
 15:18
success 4:4
successfully 13:25
sued 34:19
summer 18:17
 29:10 33:7 35:4
support 23:16
 25:15
supportive 25:20
supports 24:1 29:7
 29:19
sure 6:4 16:18
 24:11 30:14,21
survive 30:2 38:12
swamp 39:3
Swanson 2:6,7
Swinomish 8:24
Sylvia 23:21 25:5,6
sync 13:23
system 4:4 6:15
 18:9,22 26:23,23
 27:2 32:13 37:1,6
 37:7
systems 9:13 36:19

T

table 6:5 12:2
 15:20 24:18
 32:10 39:25
take 4:15 8:2 17:9
 17:22 18:16
 23:17 26:12 33:1
 33:3 34:22,23
 39:13
taken 7:17 8:15
 15:10 41:7
talk 30:25 38:15
talked 24:3
Tara 1:25 41:4,18
task 20:17 30:5
tasks 9:12
taxing 19:18
taxpayer 28:11
teacher 28:11
team 3:4,19,22
Technical 7:9
tell 35:23 37:2
 38:20
tells 8:4 22:5
tentatively 3:4
 6:24 8:13 9:7,22
 9:24 11:9,16,22
 14:4 20:11
terminology 6:19
 6:21
testified 33:13
text 24:15
thank 2:9 4:24 5:3
 5:14,18,23,24
 19:22 27:24
 28:19 30:18 32:1
 33:8 34:10 35:8
 35:13 37:10
 39:15,19 40:3,4
thanks 2:7,12
 39:19,19
theory 18:25
thereof 41:12
thing 5:21 21:5
 23:19 34:8 37:5,6
 38:1 39:12
things 5:13 23:20

 26:12,25 27:20
 29:11 30:25
 31:12 32:15 35:5
 38:24
think 17:18 19:19
 22:17 23:12 25:8
 25:13 27:22
 28:18 30:8,11,12
 31:14,24 33:23
 34:2,5 36:15
 37:19
thinking 22:2 38:2
 38:4
third 14:5 34:8
thorough 20:13,23
thought 28:4 34:7
thoughtful 4:13
thoughts 3:23 4:19
threat 20:16
threats 3:6 20:12
three 11:17,18,21
 13:15 16:10,17
 23:9 26:20 29:3
 32:16 40:2
three-foot 28:16
thrown 27:23
tide 18:14,21
time 2:9 4:15,21
 6:8 10:22 16:15
 18:11 21:15
 23:14,15,18,24
 31:19,21 34:7
 37:13,23 38:18
times 36:7,17,24
today 36:9,12
told 19:3 31:5,20
Tom 2:18
tonight 2:8,16,22
 3:5,16,21 4:13,15
 5:4,11,23 6:4,6,8
 6:25 15:3,25 16:2
 16:6,12 17:4
 39:20 40:4
tonight's 6:18
 16:13
top 5:13 33:1

topside 27:6
tosses 27:8
total 24:17,19
tough 27:17
tougher 27:18
track 23:10
tracks 32:17
tractors 21:22
traffic 29:12
train 28:3 31:23
transcribed 41:8
transcript 41:9
transferred 12:22
translation 41:9
treat 29:18
treated 29:18
treatment 10:14
 23:1,3
trees 19:9,11
tried 38:8
true 41:9
try 18:24 30:11
trying 30:23 34:12
turn 5:1 39:2,17
two 8:5 10:6 13:18
 14:2 22:10 26:25
 38:3,19
type 21:18
typewritten 41:8
Typically 13:7

U

U.S 1:6
ugly 32:7,22
unbelievably 17:19
 37:7
uncontrolled 36:16
undergoing 3:13
undersigned 41:4
understand 2:22
understanding
 36:3
unfairly 30:1
UNIDENTIFIED
 21:21
uninterrupted

4:21
unique 24:5
united 10:15 26:6
 30:8
unreliable 6:23
update 3:16
updates 7:18 14:18
upper 10:19,22
 30:24 31:25
upstream 11:2
urban 8:16,17 9:18
 9:25 10:4,12 11:5
 11:17,21 12:7,8
 12:16 20:25 24:1
 24:6,15
urge 4:19
use 6:18 12:21
 13:10 31:20

V

valley 17:23 18:10
 20:13,16 33:6
 39:6
value 38:14,15
Vernon 1:21 10:4
 10:13 11:3 12:9
 15:21 24:16 29:1
 29:5 33:21 36:25
 37:4
versus 30:1
vice 35:17
views 4:21
virtually 17:21
vitality 23:15
volume 27:14,15
volumes 27:10
 30:15

W

WA 1:21
wait 28:3
walked 6:6
wall 10:8 26:6
want 2:11 4:13 5:7
 5:18 9:16 19:23
 24:14 26:16

29:18 33:23
 35:13
warning 9:13
 32:12
Washington 7:23
 37:15 41:2,5,6,14
 41:18,19
wasn't 38:1
wasted 33:22
wastewater 10:14
 23:1,3
watch 19:25
water 17:24,25
 18:13,16,23
 22:21,25 23:17
 23:17 24:10 27:4
 30:1,15 31:10,15
 32:19,23 33:1
 35:10 39:10,13

way 5:5 19:17 23:5
 26:2 33:20 38:20
ways 6:9,23 15:25
 30:22 37:5
we'll 2:4 4:14
 14:16 16:21
we're 2:22 4:12
 5:11 15:3,24
 17:13,16,17
 26:24 30:9,23
 31:25 32:1,8
 36:11,20 38:5
we've 3:21 5:9
 15:13 21:17,18
 21:19,23 22:8
 31:14 34:7

weather 31:6,7,18
week 25:25
went 19:8
Wesen 2:14 5:1,3
west 29:1
western 7:22
wet 17:13,14,16,17
 31:4,4
WETLZER 39:19
Wetzler 2:1,2 5:24
 28:3

wheel 37:1
WHEREOF 41:13
wherewithal 30:10
whisky 37:21
wide 19:9
wildlife 36:19
win 32:1,1
wing 32:18
winner 25:22
winners 25:8
winter 18:17
wish 33:17
WITNESS 41:13
witnessed 29:9
work 4:7 5:7 8:18
 14:15 15:13
 18:20,20 19:1
 21:24 26:11 29:2
 30:7,17 31:19
 33:2,23 36:23
 37:4,21

worked 3:20 21:18
 21:19 36:4
workers 5:9
working 3:1 14:5
 19:2 21:2,5,17
 31:6,7,24 34:23
 35:1

works 20:9 39:1
world-class 18:8
 37:6
worry 26:8
worse 19:6,6,11,12
 19:12,12,12
worst 35:9
wouldn't 5:22
write 16:5
writing 19:21
 24:12
written 15:4 16:4
 24:4 39:22
wrong 30:23

X

Y

year 6:17 14:4 19:6
years 5:5 19:8
 20:11,15 21:17
 21:24 22:1,8 23:9
 26:21 28:17 31:1
 32:22 33:6 34:13
 35:24,25 36:12
yellow 16:16
York 34:17
young 38:19

Z

zero 18:17
zone 35:15 37:16
 38:17

0

1

1 21:12,13,16
 22:21 23:4
1.9 12:18
100 22:4 28:17
 32:23
100-year 9:5 11:24
 13:3,4
105 1:19
107 10:23
11558 32:4
11th 41:14
12 21:2,12,14,16
 22:6,16 23:24,25
 24:5 29:1,7 32:18
 32:21 35:24
125 26:21
14 26:20 27:3,23
15 19:8
15th 10:20,21
16031 17:3
17 22:1,8
1800s 39:7
1890 26:21
19 1:10 41:8
1903 35:7
19501 37:14
1965 19:8
1975 32:13

1988 34:6
1990 32:13 37:23
 38:7
1999 28:6
1st 10:21

2

2,700 17:11
20 6:17 8:6 26:8
 36:12,24
2011 15:9
2012 8:9 14:3
2014 1:10 41:8,14
2015 14:23,24
 15:16
203 12:10
21032 28:1
21st 6:3 14:12
 39:21
22 21:13
228 12:10
24 31:13,13
25 6:17
25-year 24:9
250-year 11:25
 12:15
28 31:9

3

3 21:13
3,000 17:9
3.2.1 24:15
3.5 24:18
30 2:2
30,000 18:10
300 17:15
30816 30:20
3310 1:25 41:4,19
35 22:15
38 24:19
3809 28:5
39 24:21

4

4 6:16 24:23
4:30 38:7
4:50 38:7

45-day 7:6 14:10
46 24:17

5

5 6:16 29:10
5.28.010 41:5
50 17:15 18:9
32:22

6

6:31 1:13
60,000 18:9
600 38:8
65 22:15
69 24:20
6th 14:11

7

7 2:3
7:41 40:6
72 21:14
75-year 11:24

8

8 2:4
8:00 16:14

9

9 25:11
98273 1:21
99 22:11