Appendix I

John Hatch, Barrett - Interview and Deposition Transcripts

Pipeline Rupture and Fire Bellingham, Washington June 10, 1999 DCA-99-MP-008

UNITED STATES OF AMERICA NATIONAL TRANSPORTATION SAFETY BOARD

IN RE: OLYMPIC PIPELINE COMPANY; Pipeline Rupture and Fire, June 10, 1999, Bellingham, WA DCA-99-WP-008

INTERVIEW UNDER OATH
OF
JOHN HATCH

July 14, 1999

APPEARANCES:

MR. ALLAN C. BESHORE, NTSB Pipeline Investigator, 490 L-Enfant Plaza East, SW, Washington, D.C. 20594-2000;

MR. JOE SUBSITS, Department of Ecology, Spills Program, P. O. Box 47600, Olympia, WA 98504;

MR. DOUGLAS D. BEU, Operations Manager, Olympic Pipeline Company, P. O. Box 1800, Renton, WA 98057;

MR. TERENCE J. SCANLAN, 1301 Fifth Avenue, Suite 3401, Seattle, WA 98101-2605.

ALLEN R. EMERSON & ASSOCIATES
COURT REPORTERS
1226 McGarigle
Sedro-Woolley, WA 98284
(360) 856-2618/Skagit County
(360) 734-2262/Whatcom County

ORIGINAL

- Interview under oath of Mr. John Hatch, a witness in 1 2 the above-entitled matter, taken at the instance of the National Transportation and Safety Board, at the Cascade 3 Conference Room of the Best Western Lakeway Inn, City of 4 Bellingham, County of Whatcom, State of Washington, before 5 Allen R. Emerson & Associates, commencing at the hour of 6 10:00 o'clock a.m. on Wednesday, July 14, 1999; 7 WHEREUPON, the following proceedings were had, to-8 wit: 9 JOHN HATCH 10 Being duly sworn as a witness in this matter, 11 testified on his oath, as follows: 12 DIRECT EXAMINATION 13 1.4 MR. BESHORE: First let me introduce myself. I am Allan Beshore and I 15 am the investigator in charge for the National 16 Transportation and Safety Board investigation into the 17 pipeline rupture and fire that occurred on June 10th. I 18 will start out by asking you a few questions and thank 19 you for coming in and helping us out. Since the other 20 gentlemen in the room may also have some questions for 21 you once I am through, I want you to know who they 22
- MR. BEU: I am Doug Beu, Olympic Pipeline operations manager.

are and who they represent.

- 1 MR. SUBSITS: Joe Subsits, Department of Ecology.
- 2 MR. SCANLAN: I am Terence Scanlan and I am
- 3 appearing on behalf of Earth Tech from the law firm of
- 4 Skellenger & Bender.
- 5 MR. BESHORE:
- 6 Q Would you state your full name please for the record?
- 7 A John Martin Hatch.
- 8 Q And John, you are employed by whom?
- 9 A By Earth Tech.
- 10 Q And how long have you been employed by Earth Tech?
- 11 A Well I have been with Earth Tech since they bought the
- 12 Barrett Consulting Group a few years ago and I don't
- 13 know exactly when that occurred, five or six years ago.
- 14 O How long were you with Barrett before then?
- 15 A I was with Barrett Pool Engineering was my previous
- 16 employer which was purchased by Barrett. So I have been
- with Barrett since they purchased Pool Engineering and
- that was I think in '82 when I joined Pool Engineering.
- 19 Q What is your position there?
- 20 A I am project manager.
- 21 Q Was that the same position you held at the time of this
- 22 water plant construction or did you have a different
- 23 role?
- 24 A Essentially the same position. At that time I was also
- 25 the construction service manager.

- 1 Q Okay maybe you can just go back and obviously we're
- 2 interested in the water treatment pump station
- 3 construction project, can you just kind of take us back
- when you became involved in that project and what your
- 5 role was at that time?
- 6 A I became involved in the project during the building
- 7 phase. I was aware of the project design in our office,
- knew it was going on and was also involved in the
- 9 sister project that was occurring at the same time and
- my role then was to manage the construction for our
- 11 larger projects. So I was the construction manager for
- the pump station project and reservoir project at the
- 13 same time.
- 14 Q Okay now did Tom Franklin report to you?
- 15 A Yes Tom worked for me.
- 16 O And his role was then to do what?
- 17 A Tom was our field representative and his role was to be
- on site full time during the construction phase and
- 19 report to me.
- 20 Q So how often did you have an opportunity to be out on
- site? Was that a regular occurrence for you?
- 22 A I was on site frequently and I think during the
- construction we tried to have weekly meetings on site
- 24 and I wasn't always able to attend those but I tried to
- 25 be there on a weekly basis.

- 1 Q Okay during the construction part of the project I
- 2 guess what was your involvement? Did you have any
- 3 interaction whatsoever on the Olympic Pipeline during
- 4 that project?
- 5 A I don't remember having any direct contract with
- 6 Olympic during that time.
- 7 Q Okay do you remember if the line was ever exposed? Do
- 8 you recall seeing the pipeline in there during any of
- 9 your visits?
- 10 A Not specifically. There was a lot of activity going on,
- on site, a lot of excavation as we were going through
- the construction and I don't specifically remember
- seeing the Olympic line exposed.
- 14 Q Did anybody make you aware of any problems that might
- be associated with the Olympic Pipeline being there?
- 16 A No.
- 17 O Or with it being damaged?
- 18 A No.
- 19 O Did EMCO do all of the excavation work or did they
- 20 contract any of that out, do you recall?
- 21 A My recollection is that EMCO did all of that work
- themselves.
- 23 Q What about the concrete work, did they sub that out?
- 24 A No I believe they also did the concrete work.
- 25 Q Do you remember any modifications that occurred during

- the field part of the work, were any changes made to
- the plans I guess that occurred as a result of Olympic
- 3 Pipeline being in that corridor anywhere?
- 4 A Not that I remember.
- 5 Q Do you recall if, for example and I am not saying it
- 6 occurred but if the pipeline was struck during that
- 7 project in any way, what would you expect the
- 8 contractor to do? To report that to you or Tom, how
- 9 would that process work?
- 10 A I don't know for sure what EMCO would do in that
- instance. It would be speculation on my part how they
- 12 would react.
- 13 Q So you don't recall whether there were specific things
- they needed to do?
- 15 A The contract required the contractor to be in touch
- with the utilities and to notify when they were working
- in the area of other utilities. I don't know
- specifically whether EMCO did that or not, I have no
- record, no recollection of that occurring. That would
- 20 have been the responsibility of EMCO.
- 21 Q Did you consider I guess EMCO to be a good contractor?
- 22 A They completed the project, met the requirements of the
- contract documents as far as we're concerned. The
- 24 project was accepted.
- 25 Q There was no litigation that resulted or any kind of

- 1 problem, lawsuit or anything after the project was
- 2 over?
- 3 A Not that I am aware of.
- 4 O Did they meet their deadline, close to the deadline for
- finalization of construction or do you recall?
- 6 A The completion of the project was extended, they were
- 7 given a time extension and I don't remember
- specifically the quantity or for how long, but it was
- 9 basically to complete deficiency corrections, a punch
- 10 list of work.
- 11 Q Were there monetary damages if they extended past the
- contract deadline associated with the project?
- 13 A There is a point called substantial completion which is
- identified in the contract documents and when they
- reach that point usually the clock stops as long as
- they persist with due diligence.
- 17 Q And they met that deadline?
- 18 A Yes.
- 19 O Were they rushed to meet that deadline or do you recall
- 20 that?
- 21 A I don't remember being specifically urgent.
- 22 O They didn't all of a sudden start working twelve (12)
- 23 hour days?
- 24 A No.
- MR. BESHORE: I am going to see if Doug has any

- 1 questions here, Doug?
- MR. BEU: I don't have any questions.
- 3 MR. BESHORE: Joe?
- 4 MR. SUBSITS:
- 5 O In terms of your experience in working with EMCO was
- 6 this one job you're only experienced with them or were
- 7 there other jobs?
- 8 A EMCO did an earlier small contract at the water
- 9 treatment plant. I believe it was called chemical feed,
- 10 a systems modification and they were the contractor for
- 11 that project.
- 12 Q So that is the extent of your company's experience in
- working with them?
- 14 A That is the extent of my experience working with them.
- 15 Q Do you recall how long the project was in terms of the
- 16 actual construction work?
- 17 A The pump station project?
- 18 O Yes.
- 19 A Not specific days, no. It went on for over a year. I
- 20 couldn't give you dates.
- 21 Q Do you recall during the course of the project what
- types of heavy equipment were used in the area?
- 23 A Not specifically, I don't recall that.
- 24 Q And you were aware Olympic did have a line going
- 25 through the area?

- 1 A Oh yeah.
- 2 MR. SUBSITS: That's all.
- 3 MR. BESHORE:
- 4 Q The chemical feed line project, is that within the
- 5 area?
- 6 A Within the treatment plant.
- 7 Q So in the building?
- 8 A All the work was inside the building.
- 9 Q Okay and just so I am clear, you personally didn't have
- any interaction with Olympic during this construction
- 11 project?
- 12 A I don't recall that occurring no.
- 13 Q Were you aware of whether they had people on site or
- 14 not?
- 15 A Only through our reports. I read our inspection
- 16 reports, they were submitted weekly and I would read
- 17 those and pass them on.
- 18 Q So your recollection is there was no problems
- associated with this that were discussed in a meeting?
- 20 A I don't remember any specific problems.
- MR. BESHORE: I don't have any further questions.
- We can go off the record.
- 23 (WITNESS EXCUSED at 10:10 o'clock a.m. on 7-14-99)

24

STATE OF WASHINGTON) OUNTY OF SKAGIT DECLARATION
Pursuant to the laws of the State of Washington,
I declare under penalty of perjury that the following to be
true:
I have read my interview under oath and the same
is true and accurate save and except for any corrections as
made by me on the correction page, herein.
Signed at, Washington
on theday of, 2000.

MR. JOHN HATCH

1	STATE OF WASHINGTON) C-E-R-T-I-F-I-C-A-T-E
2	COUNTY OF SKAGIT
3	
4	
5	I, ALLEN R. EMERSON, a Notary Public in and for
6	the State of Washington, do hereby certify that the
7	interviews under oath before the National
8	Transportation & Safety Board were reported in a
9	verbatim manner stenographically before me and reduced
10	typewritten form under my direction;
11	I further certify that the interviews under oath
12	before the National Transportation and Safety Board are
13	full true and correct transcript of the proceedings
14	reported by me.
15	IN WITNESS WHEREOF, I have hereunto set my hand
16	and affixed my Official Seal thisday
17	of, 2000.
18	
19	
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22	NOTARY PUBLIC in and for the State of Washington, residing
23	at Sedro Woolley. My Commission expires 6/27/2000.
24	
25	

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1:	IN THE SUPERIOR COURT OF THE STATE OF WASHINGTON IN AND FOR THE COUNTY OF WHATCOM	ŀ	1 EXHIBIT INDEX 2	3- 0
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	and as the Personal Representative of the Estate		149	
1	of STEPHEN M. TSIORVAS, and as Guardian ad Litem for		150	
5	ANDREW R. TSIORVAS AND GEORGE K. TSIORVAS,		5 151	
6	Plaintiffs,	1	6 152	
7	vs. No. 99-2-01468-1		7 153	
8	OLYMPIC PIPE LINE COMPANY, &		B 154	
9	foreign corporation, EQUILON		9 155 - 189	
10	PIPELINE COMPANY LLC, a foreign corporation, and]:	10	
11	EQUILON ENTERPRISES, LLC, a foreign corporation, and FRED	1	11	
12	CROGNÁLE, FRANK HOPF, RON BRENTSON and JOHN DOES,		12	
13	Defendants.		13	
ı	OLYMPIC PIPE LINE COMPANY, a		14	
15	foreign corporation,	į.	15	
1	Third-Party Plaintiff,		16	
16	vs.			
17	IMCO GENERAL CONSTRUCTION		17	
18			18	
19	Third-Party Defendant.		19	
20	VIDEOTAPED DEPOSITION UPON ORAL EXAMINATION OF		20	
21	JOHN HATCH		21	
22			22	
23	June 26, 2000		23	
24	Loraine Hohnstein Court Reporter		24	
25	HOHNSLT5230J		25	
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DE	TLL!!	TO THE BANK			
<u> </u>			Page 5		Page 7
1	x 0 0 1	CARANCES			OHN HATCH, witness herein, having
2	A P F :	· · · · · ·	2	2	been duly sworn by the
3	DA:	VID M. BENINGER	3	}	Notary, testified as follows:
4	DALEN and KING: LU	ERA, BARNETT, BRINOLEY,	4	ļ	
5	At	corneys at Law L Fifth Avenue	5	5	
6	Su	ite 6700	1 6	í	EXAMINATION
7	5e	actle, WA 98104	7	7 в	Y MR. ALLEN:
8	FOR OLYMPIC PIPE LINE C	OMPANY:	8	3	Q. Mr. Hatch, as you heard from the introduction, I'm
9		CHARD F. ALLEN	9) [Dick Allen. I'm going to be asking you questions at the
10	At	ZEN AND O'CONNOR torneys at Law	10	0 (utset of the deposition. I represent Olympic Pipe Line
11	Su	01 Third Avenue ite 5200	11	1 (Company, one of the defendants in the case brought by the
12	Se	attle, WA 98101-3071	12		Dalen plaintiffs.
13		CK S. VERWOLF	1:		Have you ever given a deposition before?
14	At	VIS WRIGHT TREMAINE torneys at Law	14		A. I have not.
15	10	00 Bellevue Place 500 N.E. 8th Street	1:		Q. Let me just say a couple of things at the outset.
16	Se	llevue, WA 98004-4300	1		First, if I ask you a question that you don't understand,
17	FOR IMCO GENERAL CONSTR	UCTION:			eel free to tell me you don't understand the question and
18	DC	UGLAS K. WEIGEL	1		'll attempt to reword it. Secondly, there will be times
19		OYD 6 PFLUEGER torneys at Law			when I will be asking a question and you will want to
26	30	0 Trianon Building 05 Third Avenue	I		nswer. Only one of us can speak at a time so that the
21	Se	attle, WA 98121-1445			
22			2		court reporter can take down the testimony in an orderly
23			I .		way. So if you will wait until I complete a question, and
24			;		cometimes they may be prolonged questions, before you
25			l l		answer, that would be appreciated by the reporter and it
Ĺ			2	2 (will make the record read properly. Do you understand that?
,	FOR EARTH TECH and JOHN	HATCH:	Page 6		Page 8
2		RENCE J. SCANLAN		1	A. Yes, I do.
3		ELLENGER BENDER, P.S. torneys at Law		2	Q. Also, if at any time during the deposition you
4		01 Fifth Avenue ite 3401	ĺ		want to have a break, just tell us that. Sometimes we tend
5		actle, WA 98101-2605			to rattle on a little too long in a deposition proceeding
6	ALSO PRESENT:	TEVE DAHL, PROVIDEO	l l		without taking a break and if you should need a break, let
7				6 ۱	us know that. Are you represented here today by counsel?
8				7	A. Yes, I am.
9				8	Q. And is that Mr. Scanlan who is seated to your
10				9	left?
11			1	0.	A. Yes.
12			ļ -	1	Q. Can you tell us generally what you have done in
13			1		preparation for this deposition to prepare yourself for the
				2	
ľ			1		deposition? Have you looked at any documents?
14			1		deposition? Have you looked at any documents? A. Yes, I have.
14			1	3	A. Yes, I have.
14 15 16			1	13 14 15	A. Yes, I have. Q. Can you tell us what documents you looked through
14 15 16			1	13 14 15	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition?
14 15 16 17] 1 1	13 14 15 16	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at
14 15 16			1 1 1	13 14 15 16 17	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos.
14 15 16 17			 1 1 1	13 14 15 16 17 18	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that
14 15 16 17 19			1 1 1 1 1	13 14 15 16 17 18 19	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that you looked at, what photographs did you take a look at?
14 15 16 17 19 19				13 14 15 16 17 18 19 20 21	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that you looked at, what photographs did you take a look at? A. I looked primarily at excavation photographs that
14 15 16 17 19 19 20				13 14 15 16 17 18 19 20 21 22	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that you looked at, what photographs did you take a look at? A. I looked primarily at excavation photographs that showed the excavation work that was occurring on the
14 15 16 17 18 19 20 21				13 14 15 16 17 18 19 20 21 22	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that you looked at, what photographs did you take a look at? A. I looked primarily at excavation photographs that showed the excavation work that was occurring on the project.
14 15 16 17 18 19 20 21 22				13 14 15 16 17 18 19 20 21 22 23 24	A. Yes, I have. Q. Can you tell us what documents you looked through before the deposition? A. I reviewed the field reports and I have looked at some of the photos. Q. What was the general scope of the photographs that you looked at, what photographs did you take a look at? A. I looked primarily at excavation photographs that showed the excavation work that was occurring on the

3

Page 9

A. John Martin Hatch. 1

Q. And what is your residence address, Mr. Hatch? 2

3

6

O. How long have you lived at that address? 4

A. Since 1987. 5

O. And where did you live before 1987?

A. I lived in Bellevue. 7

O. By whom are you employed?

A. Earth Tech. 9

Q. And how long have you been employed by Earth Tech 10

11 or one of its predecessors?

A. Well, I was employed by Barrett Consulting Group. 12

13 And prior to that, Pool Engineering. It's a succession of

14 ownerships. Basically have been with the same group of

15 people since 1972.

Q. Where are the offices where you are employed now? 16

17 A. In Bellevue.

18 O. What is the address?

A. 10800 Northeast Eighth Street. 19

20 Q. Is that the regional office of Earth Tech?

21 A. Yes.

22 Q. What is your job designation at this point?

23 A. I'm a project manager.

24 Q. As you know, we're going to be asking you

25 questions today about the Dakin-Yew Pump Station project

A. It usually is.

2 Q. And was that usually a Monday?

A. I don't remember what day of the week it was.

Q. And on the other four days of the week, where were

5 you working if you weren't visiting the City of Bellingham?

A. I would primarily be in the office unless I had

7 other construction projects going, I may visit those.

Q. That led me directly to my next question. During

9 the construction phase of the Dakin-Yew Pump Station

10 project, did you have other projects other than the City of

11 Bellingham project that you paid attention to or were

12 assigned to?

13 A. Well, there was a second City of Bellingham

14 project that I was involved in.

15 Q. And would you tell us what that was?

A. That was a Whatcom Falls Reservoir No. 2 project. 16

17 Q. Who was the contractor on that project?

18 A. Baugh Construction.

19 Q. Were you involved in any other projects during

20 1994 from the time that the construction commenced on the

21 Dakin-Yew Pump Station project?

22 A. I don't specifically remember but it could very

23 well have been.

24 Q. Did you keep time sheets in 1994?

A. Yes.

Page 10

1 that was a part of the City of Bellingham water treatment

2 plant projects in the City of Bellingham that was under

3 construction in 1994 and 1995.

Can you tell me what role you played in respect to

5 that project during the construction phase of the project?

A. I was the construction services manager for

7 Barrett Consulting Group.

Q. And what was, what is the general ambit of

9 responsibilities of a construction services manager?

A. Primarily to provide coordination between the city

11 and the contractor.

Q. During the construction phase of the project, were

13 you officed in the Bellevue offices of Earth Tech or then

14 Barrett Consulting Group?

15 A. Yes.

Q. Can you tell me what the normal routine would be

17 with respect to your visiting Bellingham during that

18 project?

19 A. On a project like that, I would go up to the site

20 generally once a week to see what is going on, to meet with

21 the contractor, to meet with our inspector, to meet with the

22 client, in this case the City of Bellingham, to discuss

23 progress of the project.

24 Q. Would that usually have been on the day of the

25 weekly project meeting?

Q. And 1993? 1

> 2 A. Yes.

MR. ALLEN: Mr. Scanlan, for some reason we have

4 been provided 1995 time sheets for Mr. Hatch but no 1994 or

5 1993 time sheets. Would you check to see if there are such

6 records?

MR. SCANLAN: I will. I would suspect, I remember

8 late last summer when we were first gathering these

9 materials and discovering that the time sheets were somehow

10 stored separately than the other materials and that Earth

11 Tech had to go to some effort to locate time sheets, and it

12 may be that we just didn't get a complete grouping of them.

O. Mr. Hatch, can you tell me what your educational 13

14 background is following high school?

A. Yeah, I have a high school degree. And following 15

16 that, I went to work at Boeing directly, I don't have any

17 further degrees. But I have taken a number of continuing

18 education and professional courses.

Q. Are you a licensed professional engineer in the

20 state of Washington?

21 A. No, I'm not.

Q. Have you made statements concerning the Dakin-Yew

23 project to any government investigators since the June 10,

24 1999 incident at Bellingham?

A. Yes.

Page 13

- Q. Can you tell me when you made or were interviewed
- 2 for the first time following that incident?
- 3 A. I don't remember the specific date.
- 4 Q. About when?
- 5 A. Oh, maybe nine months ago. Six, nine months ago.
- Q. And by whom were you interviewed in that instance?
- A. I believe it was Olympic Pipe Line and the NTSB
- 8 representatives.
- 9 O. Was that part of an NTSB inquiry so far as you
- 10 understood it?
- 11 A. Yes.
- 12 O. Where did that interview take place?
- 13 A. In Bellingham.
- 14 Q. And subsequently, have you been interviewed by
- 15 anyone?
- 16 A. Yes.
- 17 Q. And by whom in that case?
- 18 A. US attorneys.
- 19 Q. When and where were you interviewed by the US
- 20 attomeys?
- 21 A. I would believe, it's a couple of months ago,
- 22 again I'm not sure. And that was here in Seattle in their
- 23 offices.
- Q. Were you shown any materials by the US attorneys
- 25 during that interview?

Page 14

- 1 A. Yes.
- 2 Q. Were you shown materials other than correspondence
- 3 concerning the project and diagrams or plans that were
- 4 generated by Barrett Consulting Group?
- 5 A. Not that I remember.
- 6 Q. Were you involved in the Dakin-Yew Pump Station
- 7 project during its design phase? That is, prior to the time
- 8 that the contract was let to a contractor?
- 9 A. I do not remember being involved in the design.
- 10 Q. Do you recall playing any part in determining
- 11 whether underground utilities or structures were present in
- 12 the area, the prospective area of the project prior to or
- 13 during the design phase?
- 14 A. No.
- 15 Q. Let me ask you about some of the individuals who
- 16 were employed on the project. Did you know Tom Collins?
- 17 A. Yes
- 18 Q. And was he another employee of Barrett Consulting
- 19 Group?
- 20 A. Yes, he was.
- 21 Q. Is he still employed by Barrett Consulting Group?
- 22 A. No
- 23 Q. Do you know when his employment ceased at Barrett,
- 24 approximately?
- A. No, I don't.

- 1 Q. Was he employed at Barrett throughout the
- 2 Dakin-Yew project?
- 3 A. I don't recall that.
- 4 Q. What was his job assignment so far as you know?
- 5 A. Tom was a younger engineer and I don't know what
- 6 his specific role in that project was, but he was an
- 7 engineer in our office.
- 8 Q. Did you have any interaction with him in respect
- 9 to the Dakin-Yew Pump Station project?
- 10 A. I don't recall any.
- 11 Q. In the ordinary course of your duties on the
- 12 Dakin-Yew Pump Station project during its construction
- 13 phase, to whom would you report, who did you view as your
- 14 immediate superior?
- 15 A. Dirk Van Woerden.
- 16 Q. What was Mr. Van Woerden's role in the project?
- 17 A. He was the director of engineering and he was our
- 18 primary contact with the City of Bellingham.
- 19 Q. And you said, as I recall it, that you interfaced
- 20 during the project with the city on the one hand; and would
- 21 you have interfaced with the contractor on the other?
- 22 A. Yes.
- 23 Q. Who was your principal contact at the city?
- 24 A. Wan Huang.
- 25 Q. Did you talk to other city people in the course of

gc 17

- 1 your duties on the project?
- A. Yes.
- 3 Q. Was there, if Mr. Huang wasn't available, with
- 4 whom did you principally interface?
- A. Larry Leight.
- 6 Q. And his surname is spelled?
- A. I believe it's L-E-I-G-H-T.
- 8 Q. And what was his position with the city?
- 9 A. He was over Huang. I don't know what his title
- 10 was, he worked in public works.
- 11 Q. When you visited the job site, would it be the
- 12 case that you would see other City of Bellevue employees at
- 13 the construction site?
- 14 A. Yes.
- 15 Q. And on your weekly visits, who would you expect to
- 16 see from the city?
- 17 A. I would expect to see the plant operator, Bill
- 18 Evans, and occasionally to see Huang.
- 19 Q. On what occasions would Mr. Huang be present?
- 20 A. Well, I believe he made sporadic visits to the
- 21 site. He would also have been invited to attend weekly
- 22 meetings.
- 23 Q. Did Barrett Construction Group have a man on the
- 24 site on a daily basis?
- A. Barrett had a man who was on site for certainly

Page 20

1 the majority of the time, yes.

- 2 Q. And would that be Tom Franklin?
- 3 A. Yes.
- 4 Q. What was Mr. Franklin's assignment?
- 5 A. Tom was our inspector, he represented Barrett
- 6 Consulting Group as our field representative.
- 7 Q. Was he the inspector for both the Dakin-Yew Pump
- 8 Station project and the reservoir project?
- 9 A. Yes.
- 10 O. Were those two projects going forward
- 11 simultaneously during 1994?
- 12 A. Yes, they were.
- 13 O. Who was the project manager for the Dakin-Yew Pump
- 14 Station project at Barrett Construction Group?
- 15 A. George Nordby.
- 16 Q. In what circumstances would you interface with Mr.
- 17 Nordby?
- 18 A. I would talk to George about progress of the
- 19 project and any design-related issues that might come up
- 20 that I was aware of.
- Q. On the days of the week that you weren't visiting
- 22 Bellingham, what was your usual routine during the Dakin-Yew
- 23 project in respect to the Bellingham water projects?
- 24 A. Well, primarily I would be involved in
- 25 corresponding with the contractor, written correspondence,

Page 17 1 the project?

- 2 A. My role was construction services manager. And
- 3 again the role was primarily to provide coordination between
- 4 the city and the contractor.
- 5 Q. Did you see the project through to conclusion?
- 6 A. Yes, I did.
- 7 Q. And although we'll get to it in documents later in
- 8 your deposition, about when did the project conclude, as you
- 9 recall it?
- 10 A. I believe it was sometime in '95.
- 11 Q. And do you recall the date offhand that the, the
- 12 month that the city accepted the project as completed?
- 13 A. No, I don't.

A. Yes.

- 14 Q. Were you involved in the process of determining
- 15 substantial completion of the project and its acceptance by
- 16 the city?

17

- 18 Q. What was your role at that point in the project?
- 19 Or was it a continuation of the role you had at the outset?
- 20 A. Yes, it was pretty much a continuation.
- 21 Q. Mr. Hatch, when you started working on the
- 22 project, can you tell me about when that was?
- 23 A. No, I don't recall that.
- 24 Q. Do you recall what your first activities were with
- 25 respect to familiarizing yourself with the scope of the

- 1 verbal conversations.
- Q. With whom in the contractors employ would you
- 3 carry on conversations on a day-to-day basis?
- 4 A. Their project manager.
- 5 Q. Who was the project manager at the outset of the 6 project?
- 7 A. At the beginning of the project, it was Chris
- 8 Hart.
- 9 Q. And about when did Mr. Hart stop being the project
- 10 manager?
- 11 A. I don't recall.
- 12 Q. And who then followed Mr. Hart as the project
- 13 manager?
- 14 A. Paul Krakenberg.
- 15 Q. Did Mr. Krakenberg have a role in the project from
- 16 the contractor's perspective, from the outset?
- 17 A. Yes, I believe he was Chris Hart's assistant.
- 18 Q. And at some point, he took over; is that what
- 19 happened?
- 20 A. Yes
- 21 Q. Did Mr. Hart go on to another project so far as
- 22 you knew?
- 23 A. I believe he did.
- Q. Would you tell me once again, because I've
- 25 forgotten, the exact description of your job assignment on

- 1 project?
- A. Not specifically.
- 3 Q. At the outset, did you look at plans and
- 4 specifications or the project manual or any documents of
- 5 that sort?
- 6 A. My normal routine would be to do that, familiarize
- 7 myself with the project, yes.
- 8 Q. In that familiarization process, did you determine
- 9 that there were underground utilities in the area of the
- 10 project?
- 11 A. Yes.
- 12 O. And did you find that among those utilities was
- 13 the Olympic Pipe Line Company's petroleum products pipeline?
- 14 A. Yes.
- 15 Q. One of the other witnesses has described the
- 16 Olympic Pipe Line Company's pipeline as going through the
- 17 heart of the project in respect to the Dakin-Yew Pump
- 18 Station; would you agree with that characterization?
- 19 A. I would say it went through the site.
- 20 Q. And did you have any interaction with Olympic Pipe
- 21 Line Company's representatives during your, in your role
- 22 during the project?
- 23 A. Not that I recall.
- Q. Do you recall any specific conversations with
- 25 Olympic Pipe Line Company representatives?

- 1 A. No, I do not.
- 2 Q. Did you have any interaction with Christenson
- 3 Engineering Company during the project?
- 4 A. Not that I recall.
- 5 Q. Do you know what role Christenson Engineering
- 6 played in the project?
- 7 A. My understanding was that they did site survey for
- 8 the design.
- 9 Q. Do you know whether Christenson carried out any
- 10 activities in the location of the Olympic Pipeline Company's
- 11 pipeline?
- 12 A. I believe they potholed the pipeline to determine
- 13 its location. Or had that done.
- 14 Q. Were you present during the time of any of the
- 15 potholing of the underground utilities including the Olympic
- 16 Pipe Line Company's pipeline?
- 17 A. No, I was not.
- 18 Q. On your visits to the site, did you see any
- 19 markers designating the presence of underground utilities on
- 20 the site?

1

- 21 A. Yes, I believe I did.
- 22 Q. From time to time, did you see markers indicating
- 23 the presence of Olympic Pipe Line Company's pipeline?
- A. I don't remember that specifically, it could very
- 25 well have been.

- 1 A. Yes, it does.
- 2 Q. Would you use a yellow marker and draw in the Pump
- 3 Station as it's shown on that same exhibit?
- 4 A. Okay.
- 5 Q. As originally designed, were there pipes to be put
- 6 in place during the project that would cross the Olympic
- 7 Pipe Line Company's pipeline?
- 8 A. Yes.
- 9 Q. And can you tell me what those pipes were?
- 10 A. There's a water pipeline, there's two water
- 11 pipelines that appear to cross.
- 12 Q. In the blue pen, would you mark the location of
- 13 those pipelines on the site plan, Exhibit 149?
- 14 A. Okay. I see a third line.
- 15 Q. Okay. Going from the northernmost of the blue
- 16 lines that you have drawn, can you tell me what -- that
- 17 cross the Olympic Pipe Line. First perhaps you could hold
- 18 that exhibit up to the camera so we can see the three lines
- 19 that cross the Olympic Pipe Line in the diagram site plan
- 20 that existed at the outset of the project.
- 21 A. (Witness complies.)
- 22 Q. Referring to the northernmost of those lines, what
- 23 was it?
- 24 A. The northernmost line was an overflow line from
- 25 the water treatment plant overflow for the wet well.

Page 22

- Q. What type of markers do you recall seeing?
- 2 A. I remember seeing markers, I don't remember
- 3 specifically what they were.
- 4 (Exhibit No. 149 marked for identification.)
- 5 (Discussion held off the record.)
- 6 Q. Mr. Hatch, handing you what has been marked as
- 7 Exhibit 149, I'll ask you if that's a document that you
- 8 looked at in the time that you were familiarizing yourself
- 9 with the Dakin-Yew project before you started your role in
- 10 the project, your work on the project?
- 11 A. Yes, it is.
- 12 Q. Can you tell me what that document is?
- 13 A. It's a site plan in the area of the Dakin-Yew Pump
- 14 Station.
- 15 Q. And is the Olympic Pipe Line Company's pipeline
- 16 shown in that site plan?
- 17 A. Yes, it is.
- 18 Q. Once I lay my hands on some markers, I'm going to
- 19 ask you to mark its location.
- 20 Would you trace it with the pink marker?
- 21 A. Okay.
- 22 Q. And essentially does the pipeline run from the
- 23 north to the south, west of the location of the -- or the
- 24 intended location for construction of the Dakin-Yew Pump
- 25 Station?

- Q. And what was the diameter of that overflow line
- 2 that's indicated?
- 3 A. 20 inch.
- 4 Q. And coming from the north to the south, the next
- 5 blue line that you have drawn?
- 6 A. The next line was the suction line for the Pump
- 7 Station, the inlet for the pumps.
- 8 Q. And the diameter of that line?
- 9 A. 24 inch.
- 10 Q. Was there also a, coming to the south, a PVC
- 11 utility duct that was to cross the pipeline?
- 12 A. Yes.
- 13 Q. Would you, using the blue pen, also mark that
- 14 location.
- 15 A. Okay.
- 16 Q. And then continuing to the south, you have
- 17 sketched in a rather large blue marking crossing the Olympic
- 18 Pipe Line existing pipeline?
- 19 A. Yes.
- 20 Q. What is that?
- 21 A. That is the 72-inch pipeline and that's the feed
- 22 to the water reservoir.
- 23 Q. On the plan, is there shown a 24-inch discharge
- 24 line from the pump station into the city water system?
- 25 A. Yes, there is.

Page 27

Page 28

1 Q. Where is that located?

2 A. It's south of the pump station and south of the

3 72-inch line.

4 O. It runs from the pump station over or under the

5 72-inch line and intersects with the 16-inch water main; is

6 that correct?

A. That's correct.

O. Asking you to use this black marker pen, and mark

9 the 16-inch waterline that already existed at the site.

10 A. (Witness complies.)

11 Q. And using a red marker pen, would you mark the

12 24-inch discharge line as it was designed at the outset of

13 the project?

14 A. (Witness complies.)

15 Q. As designed at the outset of the project, was it

16 your understanding then that the intersection of the 24-inch

17 discharge line and the 16-inch waterline was to be somewhere

18 east of the Olympic Pipe Line right-of-way?

19 A. It appears to be that way.

20 Q. And can you tell us approximately how far east

21 would that intersection or junction of the 24-inch line and

22 the existing 16-inch waterline have taken place?

A. It looks to be about 15 feet or so.

Q. Although we'll get back to it later in the

25 examination when we're looking at some documents, was there 25

I assistant or what was his role as you saw it?

2 A. Ron was one of our main engineers, and our

3 organization is such that the groupings of people changed

4 depending on the project. So Ron wouldn't necessarily have

5 worked directly for George.

Q. Did you understand that George Nordby had the role

7 of project manager with respect to this project?

A. George was the overall project manager, yes.

9 Q. Is Mr. Dorn still employed at Earth Tech?

10 A. Yes, he is.

1 Q. I saw some other names as I was going through

12 documents. I thought this is as good an opportunity as any

13 to ask you about them. Jim Lutz, L-U-T-Z?

14 A. Yes.

15 Q. Is he still employed by Earth Tech?

A. Yes, he is.

17 Q. And what is his job assignment now as you

18 understand it?

19 A. Jim is our senior structural engineer.

20 Q. And another name, if I recall correctly, is Chen

21 Shen. C-H-E-N, S-H-E-N. Can you tell me who Chen Shen is

22 or was in the organization?

23 A. Chen is still with Earth Tech and he is one of our

24 senior process engineers.

Q. What role does a process engineer play in a

Page 26

1 a redesign in respect to the T-joint intersection of the

2 24-inch discharge line and the 16-inch waterline during the

3 course of the project?

4 A. Yes. _.

Q. Do you recall approximately when that redesign

6 occurred?

7 A. No, I do not.

8 Q. Do you recall, Mr. Hatch, that you had some

9 involvement in your role in that redesign effort?

10 A. No, I do not.

11 Q. Did you have any contact or communication with

12 anyone in respect to the redesign effort as you recall it?

13 A. Not that I recall.

14 Q. Who would have undertaken the redesign from the

15 engineering perspective at Barrett Consulting Group?

16 A. The redesign would have been managed by George

17 Nordby.

18 Q. During 1994, did you work with Mr. Nordby or Ron

19 Dorn in any direct way?

20 A. Yes.

21. Q. In what respect would you have worked with them in

22 respect to this project?

23 A. They would have provided design support during the

24 construction phase.

25 Q. Did Mr. Dorn work for Mr. Nordby, was he an

1 project?

A. He would design treatment processes such as

3 chlorine feed equipment, chemical feed equipment, that sort

4 of thing

5 Q. Would you have expected him to be more involved in

6 the reservoir side of the City of Bellingham project than

7 the pump station side?

8 A. No.

9 Q. Let's take a break for just a minute while I

10 organize some documents here.

11 THE VIDEOGRAPHER: Going off the record, the time

12 is approximately 10:20 a.m.

13 (Deposition resumed after a short recess.)

14 THE VIDEOGRAPHER: Back on the record, the time is

15 approximately 10:26.

16 Q. Mr. Hatch, I'm going to ask you some questions

17 about the commencement of construction at the Dakin-Yew Pump

18 Station on that project. First, were you involved with the

19 project before the selection of a contractor for the

20 Dakin-Yew Pump Station project?

A. I don't recall specifically but it could very well

22 have been.

Q. Do you recall the identity of the contractor that

24 was chosen for the project?

A. Imco.

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- 1 Q. And it was Imco that you worked with then through
- 2 the project?
- 3 A. Yes.
- 4 Q. Was there a preconstruction meeting for the
- 5 project?
- 6 A. Yes, there was.
- Q. And handing you what has been marked in a prior
- 8 deposition as Exhibit 67, is that a letter concerning the
- 9 preconstruction meeting?
- 10 A. Yes, it is.
- 11 Q. And it's a letter that you wrote?
- 12 A. Yes.
- 13 O. To whom is it addressed?
- 14 A. It's addressed to Chris Hart.
- 15 Q. I think you have already told us he was your
- 16 principal contact at Imco General Construction Company
- 17 during the early phase of the project?
- 18 A. That's correct.
- 19 Q. And does it outline an agenda for the meeting?
- 20 A. Yes, it does.
- 21 Q. Turning I believe to Exhibit 69, is that in fact
- 22 the actual agenda of the meeting?
- 23 A. It appears to be.
- 24 Q. Is there -- go back for a moment. Did you attend
- 25 the preconstruction meeting, as you recall?

- 1 recall any of those requirements?
 - 2 A. No, I do not.
- 3 Q. Do you recall that there were such requirements?
- 4 A. No, not specifically.
- 5 Q. During the project, what was your understanding as
- 6 to who the party was that would have the requirement of
- 7 coordinating with Olympic Pipe Line or any other underground
- 8 utility owner, if the construction activity was going to
- 9 relate to their utility?
- 10 A. That would have been the contractor.
- 11 Q. During the project, did you play any role in
- 12 coordinating with Olympic Pipe Line Company or any other
- 13 utility?
- 14 A. Not that I recall,
- 15 Q. Do you ever recall calling to the contractor's
- 16 attention its obligation to coordinate with the underground
- 17 utilities?
- 18 A. Not specifically.
- 19 Q. Do you recall in any general way a discussion of
- 20 that sort with the contractor at any point in the project?
- 21 A. No.
- 22 Q. Is there an attendance list attached to Exhibit
- 23 69?
- 24 A. Yes, there is.
- Q. You said just a moment ago that you expected you

- A. I don't specifically recall but I probably did,
- 2 that would be my role.
- 3 Q. Do you recall who else attended the meeting? Or
- 4 do you have no recollection of the meeting at all?
- A. I don't remember the meeting specifically, no.
- 6 Q. Is one of the agenda items concerned with Olympic
- 7 Pipe Line?
- 8 A. Yes, it is.
- 9 Q. And what does the section concerning Olympic Pipe
- 10 Line say?
- 11 A. Contact person, phone number, emergency phone
- 12 number, requirements for protection of pipeline,
- 13 notification when working and pipeline right-of-way.
- 14 Q. Do you recall those points being discussed at a
- 15 preconstruction meeting?
- 16 A. No, I don't.
- 17 Q. Do you recall the requirements of Olympic Pipe
- 18 Line Company in respect to notification if work was
- 19 occurring along its right-of-way?
- 20 A. No, not specifically.
- 21 Q. Do you know whether such documents were at hand
- 22 during the project time? That is, whether Olympic Pipe Line
- 23 Company's requirements in respect to coordination with it
- 24 whenever there was construction or digging near its
- 25 pipeline, whether those requirements were available; do you

- 1 would have attended that meeting, but are you listed on the
- 2 attendance sheet signatures?
- A. No, I'm not.
- 4 Q. Might you, or you have already testified that you
- 5 probably have been there. Is it possible you were there and
- 6 did not sign the attendance list?
- 7 A. Yes, it's very likely.
- 8 Q. You have now gone back a page and are looking at
- 9 some notes that are attached to the copy of the meeting
- 10 agenda as a part of Exhibit 69. Have you seen those notes
- 11 before?
- 12 A. Those are my notes.
- 13 Q. And to what do they refer?
- 14 A. There's a discussion about USWest and who got
- 15 billed. There's a note here about city providing a trench,
- 16 I don't know what for, it doesn't say. There's a note that
- 17 says Olympic has delivered a package to Imco, it doesn't say
- 18 what the package was.
- 19 Q. Do you have any recollection as to what that
- 20 package was?
- 21 A. No, I do not.
- 22 Q. Do you recall whether or not you saw the package
- 23 at the time?
- 24 A. No, I do not.
 - 25 Q. You just note that Olympic has delivered a package

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- 1 to Imco who were the general contractors?
- 2 A. Yes.
- Q. Do you know whether those notes were written in
- 4 respect to the other documents with which they were provided
- 5 to us, that is, as a part of the preconstruction meeting?
- 6 A. Yes, I would say those were notes that I took
- 7 during that meeting.
 - Q. On the attendance list, there doesn't seem to be
- 9 any entry or signature of a person from, a representative of
- 10 Olympic Pipe Line. Would you have expected that an Olympic
- 11 Pipe Line Company representative was there given the note
- 12 that you have attached?
- 13 A. I don't know because I don't know when the package
- 14 was delivered.
- 15 Q. Turning to Exhibit 70, the next exhibit in order,
- 16 it's I will represent to you the face page of the project
- 17 manual. And the whole manual is an exhibit, if you would
- 18 like to look through it. But if you will turn to the next
- 19 page, there is a page from the project requirements section
- 20 of the manual and it's project requirement 14.
- 21 Is that the requirement with respect to the
- 22 contractor's obligation to coordinate its construction
- 23 activities with the underground utilities whose utilities
- 24 are located on or near the project site?
- 25 A. Yes, it is.

- 1 Q. And what does it say about Olympic Pipe Line
- 2 Company?
- 3 A. Buried waterlines owned and operated by the Owner,
- 4 a buried petroleum products pipeline owned and operated by
- 5 Olympic Pipe Line Company, and a buried telephone conductor
- 6 conduit owned and operated by U. S. West Communications are
- 7 located within the construction area. The Contractor shall
- 8 perform any and all work required to protect the existing
- 9 utilities from damage and to maintain the existing utilities
- 10 in continuous operation -- or service, pardon me.
- 11 Q. Do you recall having any discussion at any time
- 12 during the project concerning that project requirement with
- 13 representatives of Imco Construction Company?
- 14 A. Other than what was mentioned in the agenda for
- 15 the preconstruction, no.
- 16 Q. After the -- strike that. Do you recall there
- 17 being a partnering workshop with respect to the Dakin-Yew
- 18 Pump Station project?
- 19 A. Yes, I do.
- 20 Q. Did you attend the partnering workshop?
- 21 A. Yes, I did.
- 22 Q. And what was the purpose of the partnering
- 23 workshop?
- A. The purpose of the partnering workshop was to
- 25 develop a relationship between the contractor, the city, and

- 1 Barrett Consulting Group.
- Q. And in conjunction with the partnering workshop,
- 3 do you recall seeing what has been marked as Exhibit 72, a
- 4 key personnel organization chart?
 - A. I don't specifically recall -- or I don't recall
- 6 this document.
- Q. It has a profile that shows City of Bellingham,
- 8 Barrett Consulting Group, Imco General Construction Company,
- 9 and names, phone numbers, in boxes for each of those
- 10 organizations with lines drawn between some boxes in one
- 11 column, that is, the Imco General Construction Company
- 12 column and Barrett construction company -- or Barrett
- 13 Consulting Group, and the City of Bellingham; is that
- 14 correct?
- 15 A. Yes, that's correct.
- 16 Q. And do you see your name in that chart.
- 17 organization chart?
- 18 A. Yes, I do.
- 19 Q. Is it generally correct in showing the
- 20 relationships that you had, that is, the lines drawn from
- 21 one of the boxes to another?
- 22 A. Yes, this would be a typical arrangement for a
- 23 construction project like this.
- Q. And it shows that your coordination with Imco
- 25 General Construction Company is to be with Chris Hart, the
- Page 36
 1 principal line of communication, and as you have testified
- 2 earlier, with Wan Huang in the city; is that correct?
- 3 A. That's correct.
- Q. And that you are in the line of communication
- 5 within Barrett construction company between Dirk Van Woerden
- 6 who was the overall manager of the project, as I understand
- 7 it, and Tom Franklin who is the inspector on the site; is
- , and roun rannam was to do mapped on the one,
- 8 that correct?
- 9 A. That's correct.
- 10 Q. What was your understanding with respect to Tom
- 11 Franklin's role in respect to the City of Bellingham on that
- 12 project?
- 13 A. I don't understand the question.
- 14 Q. Was Mr. Franklin playing the role of being the
- 15 city inspector on the site under the arrangement that was in
- 16 place in the contracts between the city and Barrett
- 17 construction or Barrett Consulting Group?
- 18 A. Mr. Franklin was Barrett Consulting Group's
- 19 inspector. Barrett Consulting Group had a contract with the
- 20 City of Bellingham to provide those services.
- 21 Q. So then could it be said that Tom Franklin served
- 22 as the city's inspector on the site with respect to that
- 23 project?
- 24 A. I don't know if I could answer it that way.
- 25 Q. Turning to Exhibit 73, tell us whether that's a

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1 document that you wrote?

- 2 A. It appears to be, yes.
- 3 MR. SCANLAN: I'm sorry, which exhibit?
- 4 MR. ALLEN: 73.
- 5 Q. Do you recall the circumstance that caused you to
- 6 write that short letter?
- 7 A. Not specifically, no.
- 8 Q. Generally, do you have a recollection?
- 9 A. No.
- 10 O. What the issue was?
- 11 A. No.
- 12 O. Turning to Exhibit 74, is that a document that you
- 13 have seen before?
- 14 A. Yes.
- 15 Q. Going to the cover sheet which says Serial Letter
- 16 No. 8, what is intended by that reference "serial letter,"
- 17 if you could tell us?
- 18 A. We used the serial letter method to have a
- 19 continuous numbering of our correspondence.
- 20 O. So --
- 21 A. So this would have been the eighth letter in a
- 22 series.
- 23 Q. And a series concerning a given subject or just
- 24 concerning the project overall?
- 25 A. Project in general.

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- Q. So it would have been the eighth letter you would
- 2 have written to the contractor concerning the project?
- 3 A. Yes.
- 4 Q. That's the method, okay. And concerning what
- 5 subjects?
- 6 A. In the case of this letter?
- 7 Q. Yes?
- 8 A. The letter appears to address questions that were
- 9 raised at a meeting on February 18, 1994. And it's on a
- 10 number of different topics.
- 11 Q. Were those topics prompted, according to the
- 12 letter, by matters that were raised in a weekly project
- 13 meeting?
- 14 A. It doesn't say that specifically. It says a
- 15 meeting on February 18, it was probably a weekly meeting.
- 16 Q. Handing you what has been marked as Exhibit 103
- 17 which is a group of documents, take a moment and look
- 18 through them and I'm going to ask you whether you have seen
- 19 these documents before in your role in the project, and
- 20 whether you would have routinely seen these documents which 20
- 21 are minutes of the weekly project meetings?
- 22 A. Yes.
- 23 Q. First I will ask you to look through those and
- 24 tell me whether any employer representative of Olympic Pipe
- 25 Line Company attended any of the weekly project meetings?

- A. I do not see Olympic listed as an attendee.
- 2 Q. Who kept the minutes of the weekly project
- 3 meetings?
- 4 A. These minutes were kept by Imco.
- Q. Do you know who wrote them within the Imco
- 6 organization?
- A. No, I do not.
- 8 Q. Did you routinely review them when they were
- 9 received at Barrett Consulting Group?
- 10 A. I would have looked through them, yes, and then
- 11 filed them.
- 12 Q. Do you recall any discussions of the effort to
- 13 locate the buried underground utilities on the project site
- 14 during any of those meetings?
- 15 A. No.
- 16 Q. I will ask you to look at the minutes of the
- 17 meeting of October 29 and tell me whether or not there is a
- 18 reference there that all utility locators have been to the
- 19 site.

22

- 20 MR. VERWOLF: What date is this?
- 21 MR. ALLEN: March 29.
 - THE WITNESS: Oh, March 29.
- 23 MR. ALLEN: Excuse me, did I say October?
- 24 THE WITNESS: October.
- 25 MR. ALLEN: March 29.

- 1 MR. SCANLAN: And your question was what again?
 2 MR. ALLEN: Whether all utility locators have been
- 3 to the site.
- 4 MR. SCANLAN: Thank you.
- 5 A. There is a reference to that, yes.
- 6 Q. When you reviewed those minutes, can you tell us
- 7 what you understood by that reference?
- 8 MR. SCANLAN: Object as to form, do you mean
- 9 understood then or understood now?
- 10 Q. Did you have an understanding at the time as to
- 11 what that meant, and do you have that understanding now?
- A. I don't recall this specific item from that time.
- 13 Q. And reading it now, what is your understanding of
- 14 that reference?
- A. The sentence says all utility locators have been
- 16 to site. I would assume that's what that means.
- 17 Q. Does that mean that all the utilities have been
- 18 located on the site?
- 19 A. Not necessarily.
- 20 Q. Do you have any specific understanding of what was
- 21 done to locate the Olympic Pipe Line Company's pipeline in
- 22 the position that it's shown on Exhibit 149, the site plan?
- 23 A. I believe the pipeline was potholed to locate it
- 24 and the location of those potholes would have been picked up 25 in the survey.

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- Q. Are there any indications on that exhibit of the
- 2 location of potholes or the potholing effort?
- 3 A. Yes, there are.
- 4 Q. And just using a black pen, would you put a circle
- 5 around those locations?
- A. (Witness complies.)
- Q. What are the references that you see on the
- 8 exhibit, the site plan?
- 9 A. There's a circle with an X in it with an elevation
- 10 next to it.
- 11 O. And what does that communicate to you?
- 12 A. That would tell me that that was the horizontal
- 13 location of the pipeline in an elevation to probably the top
- 14 of the pipeline.
- 15 Q. And what is the elevation number that's shown?
- 16 A. There's two numbers. The north number is 256.0.
- 17 The south number is 253 point something, I can't read the
- 18 last, the tenth of a foot, I can't read that.
- 19 O. Could that number be 263 rather than 253?
- 20 A. Yes, it could.
- 21 Q. On the south number?
- 22 A. Yes, it could. There's a contour line right
- 23 there, it's hard to read the number.
- 24 Q. Did you have an understanding of whether the
- 25 elevation of the grade of the Olympic Pipe Line increased or

- 1 should be in the same volume of exhibits.
- A. Yes.
- 3 Q. Do you see a reference to the same elevation?
- 4 A. Yes.
- 5 Q. Then what does that indicate in respect to the
- 6 position of the pipeline or the tendency of the pipeline to
- 7 ascend or descend as it transits the construction site?
- A. The southern elevation is 253.6 inch and the
- 9 northern elevation was 256. So it appears to be descending
- 10 in a southerly direction.
- 11 Q. Similarly, are any elevations shown for the
- 12 16-inch waterline that existed in the area of the
- 13 construction project?
- 14 A. Not that I see.
- 15 Q. Do you know whether there was any problem that
- 16 arose during the construction project concerning the
- 17 accuracy of the location of the 16-inch waterline?
- 18 A. Not that I recall.
- 19 Q. And you don't presently recall any, or do you
- 20 presently recall any conversations during the time of the
- 21 project concerning the accuracy of the survey that was
- 22 furnished to the contractor in respect to either the 16-inch
- 23 waterline's location or the Olympic Pipe Line Company's
- 24 pipeline location?
- 25 A. No.

- 1 decreased as the pipeline transited the construction site
- 2 from north to south?
- 3 A. No.
- 4 Q. You don't know whether it was tending up or down?
- 5 A. No, I do not.
- 6 Q. Did you ever learn that information during the 7 project?
- 8 A. Not that I recall.
- 9 Q. If the southernmost elevation is correct, or my
- 10 characterization of it as 263 is correct, and the elevation
- 11 at the north is 256, would that communicate to you that it
- 12 was on an ascending grade as it went through the
- 13 construction site?
- 14 MR. SCANLAN: Object as to form.
- 15 Q. You can go ahead and answer.
- 16 A. It appears to rise in elevation from north to
- 17 south.
- 18 MR. WEIGEL: Off record for a minute here.
- 19 THE VIDEOGRAPHER: Going off the record, the time
- 20 is approximately 10:57 a.m.
- 21 (Discussion held off the record.)
- 22 THE VIDEOGRAPHER: Back on the record, the time is
- 23 approximately 10:58 a.m.
- Q. We have had the record set straight here, that is
- 25 a 253 at the south. And if you turn to Exhibit 115 which

- 1 Q. On the organization chart that was indicated
- 2 earlier, there is another name I didn't ask you about, a
- 3 Barrett Consulting Group employee, Bob Morley. Do you
- 4 recall what his role was in the job?
- 5 A. Bob was our senior inspector and would have
- 6 provided consultation on inspection matters during the7 project.
- 8 Q. And am I correct in recalling that he is no longer
- 9 employed at Barrett Consulting Group or Earth Tech?
- 0 A. Yes, that's correct.
- 11 Q. Has he retired or gone to other employment?
- 12 A. I believe Bob is retired.
- 13 Q. Do you know where he is, where he's residing at
- 14 this time, do you maintain contact?
- 15 A. I don't know where he is right now, I haven't
- 16 talked to him for awhile. He was living in West Seattle.
- 17 Q. Handing you what has been marked as Exhibit 77,
- 18 and again I'll ask you if that's a document you have seen
- 19 before?
- 20 A. I don't recall it specifically but it's from me,
- 21 so it must be mine.
- 22 Q. Do you recall the subject matter that it
- 23 discusses?
- 24 A. It discusses pending changes to the project.
- 25 Q. And what are those changes?

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- A. Revised vertical alignment of the 72-inch pipeline
- 2 to clear the 16-inch waterline, revise alignment of the
- 3 24-inch Dakin-Yew Pump Station discharge so it does not
- 4 cross the 72-inch pipeline, revise manifold vault to prevent
- 5 flotation and infiltration due to high groundwater, revise
- 6 alignment of 60-inch pipeline in the pipeline corridor to
- 7 avoid conflict with actual location of existing pipelines.
 - O. Do you have a recollection now of any of those
- 9 redesign issues that arose back in 1994?
- 10 A. No, I don't.
- 11 Q. Can you tell us whether that document refreshes
- 12 your recollection as to redesign projects that occurred in
- 13 the Dakin-Yew project?
- 14 A. No.

8

- 15 Q. Do you recall anything, any redesign of the
- 16 72-inch pipeline's vertical alignment?
- 17 A. No, I don't.
- 18 Q. When it says in that document that there are
- 19 changes currently under design, who would have been
- 20 undertaking that, the design of those changes?
- 21 A. For this project, the design effort would have
- 22 been managed by George Nordby.
- 23 Q. Then would it be Mr. Nordby or someone assisting
- 24 him who would have performed those redesigns?
- 25 A. Yes.

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- Q. The second of the items is revise alignment of the
- 2 24-inch Dakin-Yew station discharge so it does not cross the
- 3 72-inch pipeline. Do you recall that redesign effort?
- 4 A. I don't recall it from that time. I was aware of
- 5 it later.
- 6 Q. And when you say you were aware of it later, in
- 7 becoming aware of it later, did you become aware of it only
- 8 after the June 10, 1999 incident?
- 9 A. Yes.
- 10 Q. Has it been the subject of investigators'
- 11 questions to you both during the NTSB investigation and the
- 12 later government investigation?
- 13 A. Yes.
- 14 Q. Has it been a matter of discussion within Earth
- 15 Tech since the June 10, 1999 incident?
- 16 A. Yes.
- 17 Q. Who have you discussed that design change with
- 18 within Earth Tech since the June 10, 1999 incident?
- 19 A. George Nordby.
- 20 Q. Anyone else?
- 21 A. Tom Franklin.
- 22 O. And anyone else?
- 23 A. No
- 24 Q. During those discussions, did you find out who it
- 25 was that actually did the engineering redesign of the

- 1 24-inch to 16-inch -- the 24-inch discharge line
- 2 intersection to the 16-inch existing waterline?
- 3 A. No.
- Q. Did you go to the construction site at any time
- 5 just in respect to this redesign effort?
- A. Not that I recall.
- Q. Did you ever see the construction site during the
- 8 time that the 24-inch discharge line tie-in to the 16-inch
- 9 line was under construction, was being dug?
- 10 A. I don't recall seeing that particular pipeline
- 11 alignment, no.
- 12 Q. Do you recall seeing the excavation for the
- 13 T-joint intersection between the 24-inch discharge line and
- 14 the 16-inch line while that excavation was uncovered?
- 15 A. No.
- 16 Q. Do you recall or do you know the purpose of the
- 17 redesign, why was it done?
- 18 A. I believe the redesign was done so that it didn't
- 19 have to cross the 72-inch pipeline.
- 20 Q. At the time of the redesign effort, did you see
- 21 drawings of the redesigned location and intersection of the
- 22 24-inch discharge line with the 16-inch existing waterline?
- 23 A. I don't recall those drawings.
- Q. Let's take a break, if we may, for a few minutes
- 25 while we find the drawings.

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THE VIDEOGRAPHER: Going off the record, the time

- 2 is approximately 11:09 a.m.
- 3 (Deposition resumed after a short recess.)
- 4 (Exhibit No. 150 marked for identification.)
- 5 THE VIDEOGRAPHER: Back on the record, the time is
- 6 approximately 11:17 a.m.
- 7 Q. Mr. Hatch, I've had what has been marked as
- 8 Exhibit 103 placed in front of you, can you tell us what
- 9 this document is?
- 10 A. This says Exhibit 150. This is a plan and profile
- 11 for the 72-inch pipeline.
- 12 Q. And is that one of the pipelines that were to be
- 13 installed as a part of the Dakin-Yew Pump Station project
- 14 that crossed the right-of-way of the Olympic Pipe Line
- 15 Company gasoline pipeline?
- 16 A. Yes.
- 17 Q. Is the Olympic Pipe Line Company pipeline location
- 18 shown in Exhibit 150?
- 19 A. Yes, it is.
- 20 Q. First of all, tell us whether or not there are two
- 21 or more separate parts shown on Exhibit 150, that is, plan
- 22 view and elevation?
- 23 A. Yes, it has a plan and a profile.
- Q. Is the location of the Olympic Pipe Line Company
- 25 petroleum products pipeline shown on both the plan view and

- 1 the profile?
- 2 A. Yes, it is.
- 3 Q. Again taking that pink marker, would you mark it
- 4 on the plan view and on the profile view where it is shown?
- 5 A. (Witness complies.)
- 6 O. Is the existing 16-inch waterline shown on either
- 7 the plan view or the profile view in respect to the 72-inch
- 8 waterline?
- 9 A. Yes, it is.
- 10 Q. And using the blue pen, would you show where the
- 11 existing 16-inch waterline is located?
- 12 A. (Witness complies.)
- 13 Q. Now you have indicated on the profile view the
- 14 location of the 16-inch waterline which is a blue ellipse;
- 15 is that correct?
- 16 A. Yes, that's correct.
- 17 Q. And the 16-inch petroleum pipeline is a pink
- 18 ellipse?
- 19 A. Yes.
- 20 Q. Does the profile location of the 16-inch pipeline
- 21 indicate it at the elevation that was shown on the site plan
- 22 we looked at earlier, and I was corrected to say that it was
- 23 253.6?
- 24 A. It seems to be in that general elevation, yes.
- Q. I notice there's a -- is scale the proper

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25

- 1 reference -- series of numbers on the left-hand margin of
- 2 the profile on Exhibit 150 showing in ascending order 240,
- 3 245, 250 and so forth; do you see those?
- 4 A. Yes, I do.
- 5 Q. Is there a different scale in play when we move
- 6 across to the locations where you have marked the Olympic
- 7 Pipe Line and the 16-inch waterline?
- 8 A. It's not a change in scale, it's a shift in how
- 9 the picture is drawn. They are shifted relative to each
- 10 other vertically.
- 11 Q. So that between, if we look at the numbers that
- 12 are adjacent to the locations where you have marked the
- 13 16-inch pipeline and the 16-inch waterline, between the
- 14 crosshatched lines or the dotted lines going from the bottom
- 15 up, is 250 to 255. And then one goes three dotted lines
- ap, to see to see that the good as to see
- 16 further up the page to get to 260; is that correct?
 17 A. Yes, those represent, the 250 and 255 represent
- 18 elevations to the right. There's a vertical line that's a
- To old which to the region while the state of the
- 19 heavy line that's a split between the elevations. So the
- 20 250 and 255 represent elevations to the right. The 260 and
- 21 265 represent elevations to the left.
- 22 Q. And then approximately what would the difference
- 23 in height at the location of the 72-inch pipeline be between
- 24 the top of the Olympic Pipe Line and the bottom of the
- 25 16-inch waterline as shown on this profile, Exhibit 150?

- A. It appears to be about five feet.
- 2 Q. As I would see it, it's -- argue with you now a
- 3 little bit. Would you agree with me that it would be a foot
- 4 and a half from, a foot and a half from the top of the
- 5 pipeline to the 255 marker?
- A. Yes, approximately.
- MR. SCANLAN: Just so we're clear, counsel, by
- 8 saying from the top of the pipeline, you mean the petroleum
- 9 products pipeline?
- 10 Q. Pipeline, yes. And then it's about a three-foot
- 11 difference is what you're saying then, from the bottom of
- 12 the water pipeline to the Olympic Pipe Line as it's shown on
- 13 this plan?
- 14 A. Well, it's closer to 2 1/2 feet.
- 15 Q. Would you take a look at Exhibit 115, and I may
- 16 have it here. Here it is. Does this Exhibit 115, first I
- 17 will ask you if this is a document you have seen before
- 18 today?
- 19 A. Yes.
- 20 Q. And did you see it during the time of the project?
- 21 A. I don't recall whether I did or not.
- 22 Q. Does it show the relocated position of the
- 23 intersection between the 16-inch existing waterline and the
- 24 24-inch discharge line from the Dakin-Yew Pump Station?
 - A. Yes, it does.

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- Q. Did you see any drawings of the design change at
- 2 the time the design change occurred?
- 3 A. Not that I recall.
- 4 Q. It's going to take me a few minutes to look for
- 5 the letter here, we'll go off the record.
- 6 THE VIDEOGRAPHER: Off the record, the time is
- 7 approximately 11:27 a.m.
- 8 (Discussion held off the record.)
- 9 THE VIDEOGRAPHER: Back on the record, the time is
- 10 approximately 11:30 a.m.
- 11 Q. Mr. Hatch, I'm handing you what has been marked
- 12 Exhibit 89 in Mr. Franklin's deposition and ask you if this
- 13 is a document you have reviewed since the June 10, 1999
- 14 incident?
- 15 A. No, it isn't.
- 16 Q. Take a moment and look at it, is it a document you
- 17 recall?

- 18 A. No, I don't recall the document itself.
- 19 Q. Did you write it?
- 20 A. Yes, I did.
 - Q. And do you recall the subject matter?
- 22 A. The subject has to do with the discharge
- 23 connection from the pump station.
 - Q. Does it relate to the coordination that's required
- 25 between the city and the contractor in effecting the tie-in

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- I from the 24-inch discharge line to the 16-inch existing
- 2 waterline, the Dakin-Yew line?
- 3 A. Yes, it does.
- 4 Q. Can you tell me from the city's perspective what
- 5 had to be done in order to allow that placement of the
- 6 T-joint in the 16-inch waterline?
- 7 MR. SCANLAN: Object to the form of the question,
- 8 calls for speculation.
- 9 A. Well, it appears that the city needed to operate
- 10 some valves and close down part of their system.
- 11 Q. So is it your understanding then that a part of
- 12 the city's water system would have to be shut down or
- 13 partially shut down in order to accomplish the placement of
- 14 the T?
- 15 A. Yes.
- 16 Q. Do you have any recollection of the timing of that
- 17 shutdown?
- 18 A. No, I don't.
- 19 Q. Do you recall any discussions with the contractor
- 20 or persons at the city with respect to the shutdown of the
- 21 16-inch Dakin-Yew pipeline in order to accomplish the
- 22 placement of the T-joint?
- 23 A. No, I don't.
- 24 Q. Did you play any role in the coordination of the
- 25 shutdown of the 16-inch waterline?

- 1 attendees at that meeting?
 - 2 A. Yes, I do.
 - 3 Q. Do you see any reference there to the placement of
 - 4 the T-joint in the 16-inch waterline?
 - 5 A. Yes, I do.
 - 6 Q. And is there any reference there to the change in
 - 7 the schedule for that?
- 8 A. Yes, it does say that it will be postponed to the
- 9 seventh of July, I don't know from what date.
- 10 Q. So you don't know whether or not it was originally
- 11 scheduled to be accomplished in May or June or sometime
- 12 before July 7?
- 13 A. No.
- 14 Q. Do you know whether or not the placement of the
- 15 T-joint in the 16-inch waterline actually occurred on July
- 16 7?
- 17 A. No, I don't.
- 18 Q. Have you heard any discussion of the actual date
- 19 that occurred, since the event?
- 20 A. No.
- 21 Q. Or since the incident of June 10, 1999?
- 22 A. No.
- 23 Q. Take another look here?
- 24 A. Okay.
- 25 Q. Turning to the next weekly minute, it's the minute

- A. I don't remember specific roles. I obviously
- 2 wrote this memo having to do with that operation.
- 3 Q. Can you take a moment to look at the memo and
- 4 synopsize for us what the city had to do in order to shut
- 5 down the 16-inch line.
- 6 A. Well, the city had to close some valves on the
- 7 pipeline and they possibly had to close down a portion of a
- 8 system adjacent to this in order to stop flow while the
- $9\,$ contractor installed the T. It appears to be some concern
- 10 about fire protection during that time, too, because the
- 11 pipeline would have been shut off.
- 12 Q. Do you have any recollection as to whether the
- 13 shutdown of the 16-inch waterline and the placement of the
- 14 T-joint in the 16-inch waterline occurred on the date
- 15 originally scheduled or whether there were shifts in
- 16 scheduling?
- 17 A. No. I don't recall what date the actual connection
- 18 occurred.
- 19 Q. Do you recall whether there were shifts in
- 20 schedule dates?
- 21 A. No, I don't.
- Q. Handing you what has been marked as Exhibit 103,
- 23 this is again the weekly project notes. And I'm referring
- 24 you to the minutes of the weekly project meeting for June
- 25 21, 1994. Do you see that you are listed as one of the

- 1 of June 28, the minute to the weekly project meeting, again
- 2 part of the same exhibit. There's a reference to John and I
- 3 see you're the only John among the persons listed, handing
- 4 out something with respect to building repair. Do you
- 5 recall the circumstances that relate to that entry?
- 6 A. I believe there was some damage done to the floor
- 7 inside the building during construction and this was
- 8 instructions for how to repair that damage.
- 9 Q. Do you recall whether you handed out a direction
- 10 to the contractor at that meeting to immediately repair the
- 11 damage to the structure of the pump station building?
- 12 A. No, I don't.
- 13 (Exhibit No. 151 marked for identification.)
- 14 Q. Mr. Hatch, would you take a moment and look at
- 15 this document and then I will ask you whether you have seen
- 16 that before?
- 17 A. I don't recall this letter.
- 18 Q. Do you have any reason to believe that you did not
- 19 receive this letter during the time that's shown on the
- 20 letter as the date of the letter?
- 21 A. No.
- 22 Q. Would you expect that if this document was in
- 23 Earth Tech's records with respect to the Dakin-Yew project,
- 24 you did receive and read the letter?
- 25 A. Yes.

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- Q. This is a letter from Imco General Construction
- 2 Company; is that correct?
- 3 A. Yes, it is.
- 4 Q. And field Serial Letter No. 5, does that have any
- 5 specific meaning?
- 6 A. That would be Imco's numbering system for their 7 serial letter -- for their letters.
- 8 Q. Sort of corresponding to the Serial Letter No. 8
- 9 that we saw in a reference from one of your earlier letters?
- 10 A. Yes.
- 11 Q. And this letter in fact does respond to your
- 12 Serial Letter No. 14; is that correct?
- 13 A. Yes, it does.
- O. Okay, we'll look at that in a moment but I want
- 15 you to look at the first paragraph of the letter and see if
- 16 there's any statement there concerning the location of the
- 17 16-inch waterline at the point where the 16-inch waterline
- 18 crosses under the 72-inch pipeline?
- 19 A. Yes, there is.
- 20 Q. And does it indicate a problem with the vertical
- 21 alignment as shown in the plans for the project?
- 22 A. It says that the 16-inch line was found to be
- 23 lower than shown on the plans.
- Q. If we go back to Exhibit 150 for a minute, which I
- 25 think you still have in front of you?
- Page 58

- A. Oh, I'm sorry, yes, I do.
- Q. I think you told us that it looked like the
- 3 16-inch waterline as shown on the plans is something in the
- 4 range of four and a half feet from the Olympic Pipe Line
- 5 pipeline?
- 6 A. The 16-inch waterline?
- 7 Q. Waterline, yes, from the Olympic Pipe Line
- 8 petroleum products pipeline?
- 9 A. No, I didn't say that.
- 10 O. Take another look then at this exhibit which is
- 11 150?
- 12 A. Right.
- 13 Q. You have marked in the profile the location of the
- 14 16-inch waterline and you have marked in the profile the
- 15 location of the Olympic Pipe Line petroleum products
- 16 pipeline?
- 17 A. Yes.
- 18 Q. And would you tell me what the difference is
- 19 between the top of the, or the distance is from the top of
- 20 the Olympic Pipe Line pipeline as shown on this profile to
- 21 the bottom of the waterline?
- 22 A. Which waterline?
- 23 Q. The 16-inch waterline?
- A. It appears to be about six feet.
- 9.5 Q. I think we'll go through this again?

- A. Okay.
- 2 Q. Does it appear that the Olympic Pipe Line is shown
- 3 at an elevation of about 253.6?
- 4 A. Yes.
- 5 Q. And from there to the dotted line above where it
- 6 says 255, would that indicate about a foot and a half
- 7 difference?
 - A. Yes, it would.
- 9 O. And then the distance in the three next
- 10 crosshatched lines is five feet overall; is it not?
- 1 A. The distance between the horizontal dotted lines
- 12 is five feet.
- 13 Q. If we go up three horizontal dotted lines, do we
- 14 get to 260, from 255?
- 15 A. No, no, you do not.
- 16 Q. Oh, okay. Am I misreading that, and I obviously
- 17 am. Can you help me out in that respect?
- A. Yeah, as I said earlier, the numbers 250 and 255
- 19 represent the vertical elevations, represent elevations to
- 20 the right of that solid vertical line.
- Q. Okay, and it's 260 then that's on the right-hand
- 22 margin?
- 23 A. Yes.

- Q. And not the 260 that's vertically above?
 - A. The 260 that's vertically above represents the
- 1 elevations to the left.
- Q. Okay, okay, I see it.
- 3 THE VIDEOGRAPHER: Excuse me, we have to go off
- 4 this tape in about three minutes to switch.
- 5 MR. ALLEN: Okay, we'll probably take a break at
- 6 that point.
- 7 Q. But in any case, according to Exhibit 151, the
- 8 pipeline according to Mr. Krakenberg from Imco is lower than
- 9 shown on the plans?
- 10 MR. WEIGEL: Object to the form of the question.
- 11 It's not clear which plans you're referring to in field
- 12 Serial Letter No. 5. Apart from that, I'm not sure if it's
- 13 referring to the revised plan or the original plan.
- 14 Q. Can you answer the question.
- 15 A. Serial Letter No. 5 says that the 16-inch line was
- 16 found to be lower than shown on the plans. In reading it
- 17 again, it doesn't say which 16-inch line, there was two of
- 18 them.
- 19 Q. And are there two of them that are in the way of
- 20 the 72-inch line?
- A. No, according to Exhibit 150, the 16-inch
- 22 waterline is in the way.
- 23 Q. And in the same paragraph, when it discusses
- 24 shutting down the 16-inch line, is that reference to the
- 25 16-inch waterline?

	Page 61		Page 63
١.	A. I would assume it is.	1	1 age 03
1	O. Would you assume that all the references to the	2	
2			
3	16-inch line in that paragraph are the 16-inch waterline?	3	AFTERNOON SESSION
4	A. Yes. Having read that, yes, I would assume that	4	1:11 p.m.
5	that's the case.	5	
6	Q. Had you asked Imco Construction Company to make an	6	THE VIDEOGRAPHER: This is the beginning of tape
7	allowance in the project cost to reflect a savings from the		number two in the deposition of John Hatch, the time is
	relocation of the 24-inch discharge line to the tie-in to	8	approximately 1:11 p.m.
9	the 16-inch existing waterline?	9	
10	A. I don't recall making that request.	10	EXAMINATION (Cont'd)
11	Q. Is it a fair reading of Exhibit 151 to conclude	11	BY MR. ALLEN:
12	that Imco General Construction Company in any case is not	12	Q. Mr. Hatch, would you take another look at Exhibit
13	going to make any allowance, that is, decrease in project	13	89. I think the exhibit book is in front of you there. Is
14	costs owing to the relocation of the 24-inch discharge line	14	this a document you authored?
15	tie-in into the 16-inch waterline?	15	A. Yes, it is.
16	A. It appears that their position is that, well,	16	Q. And do you recall it?
1	basically they said all things considered, these changes	17	A. No, I do not.
l .	equal out between the benefits and the impacts. So I would	18	Q. Is that your signature that's shown on the upper
i	say that they were saying it was a no change no-cost		
ł	change.	20	A. Yes, it is.
21	Q. And does Imco say that the relocation in the	21	Q. And what is this communication?
	vertical alignment of the 72-inch line necessitated the	22	A. This is a memorandum to Wan Huang, City of
1	redesign of the location of the T-joint placement in the	23	
		24	
	16-inch existing waterline?		Q. And this is the discharge connection between the
25	A. Yes.	23	existing 16-inch Dakin-Yew waterline and the 24-inch
├ ─			
	Page 62		Page 64
1	Q. Okay, no further questions at this point. We'll		Page 64 discharge line that comes out of the south side of the
ı	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward.		Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct?
ı	Q. Okay, no further questions at this point. We'll		Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes.
2	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward.	2	Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct?
2	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward. MR. SCANLAN: You're not saying you are done?	3 4	Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes.
2 3 4 5	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward. MR. SCANLAN: You're not saying you are done? MR. ALLEN: I'm not done. THE VIDEOGRAPHER: This is the end of tape number one in the deposition of John Hatch, the time is	2 3 4 5	Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes. Q. Is there any indication as to when that junction
2 3 4 5	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward. MR. SCANLAN: You're not saying you are done? MR. ALLEN: I'm not done. THE VIDEOGRAPHER: This is the end of tape number	2 3 4 5 6	Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes. Q. Is there any indication as to when that junction was to be made, that is, the T section put in the 16-inch
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward. MR. SCANLAN: You're not saying you are done? MR. ALLEN: I'm not done. THE VIDEOGRAPHER: This is the end of tape number one in the deposition of John Hatch, the time is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes. Q. Is there any indication as to when that junction was to be made, that is, the T section put in the 16-inch waterline by the contractor Imco at the time this memorandum was written on June 16, 1994? A. Yes. Q. And what does it indicate? A. It says that Imco plans to install a connection on July 7, 1994. Q. Okay, and is the purpose of this letter to advise the city about the timing of shutdown of the 16-inch waterline and the necessary coordination for putting the T-joint in the 16-inch waterline? A. Yes. Q. And we have discussed that earlier, as I recall? A. That's correct. Q. Do you see your statement that the discussion will be made on July 5 as to when the work can be performed; can you tell me what that means?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. Okay, no further questions at this point. We'll take a break for lunch and resume afterward. MR. SCANLAN: You're not saying you are done? MR. ALLEN: I'm not done. THE VIDEOGRAPHER: This is the end of tape number one in the deposition of John Hatch, the time is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Page 64 discharge line that comes out of the south side of the Dakin-Yew Pump Station; is that correct? A. Yes. Q. Is there any indication as to when that junction was to be made, that is, the T section put in the 16-inch waterline by the contractor Imco at the time this memorandum was written on June 16, 1994? A. Yes. Q. And what does it indicate? A. It says that Imco plans to install a connection on July 7, 1994. Q. Okay, and is the purpose of this letter to advise the city about the timing of shutdown of the 16-inch waterline and the necessary coordination for putting the T-joint in the 16-inch waterline? A. Yes. Q. And we have discussed that earlier, as I recall? A. That's correct. Q. Do you see your statement that the discussion will be made on July 5 as to when the work can be performed; can you tell me what that means? A. No, nothing, I can't add anything to what the statement says.

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1 correct?

- A. Yes.
- Q. And the exact scheduling of that work would then 3
- 4 be determined at that time; is that correct?
- A. Yes, it says when the work would be performed
- 6 during the day or at night, yes.
- O. Do you recall that there was work in that time
- 8 period of the project at night?
- A. I believe Imco was doing some nighttime work, yes,
- 10 I don't recall specifics.
- Q. What were Mr. Franklin's usual working hours on 11
- 12 the project?
- A. Well, he worked during the day, I don't remember 13
- 14 exactly when he began and ended.
- Q. If night work were going on on the project, who 15
- 16 was the inspector for the night work? First, was there an
- 17 inspector for night work?
- A. It would have depended on what was going on. If
- 19 there was an inspector on site, it would have been Tom.
- Q. Then are you telling me that you don't recall 20
- 21 anyone else being employed as an on-site inspector when
- 22 there were long shifts or second shifts on the project other
- 23 than Mr. Franklin who was the day shift inspector?
- 24 A. No, I don't recall that.
- 25 Q. Would you turn to the next exhibit, 90. Do you

- A. No, I do not. 1
 - 2 Q. Do you recall -- take a moment to look through it.
 - 3 A. Okav.
 - Q. Is it fair to say that this document reflects that
 - 5 some serious structural damage was done to the Dakin-Yew
 - 6 Pump Station by a demolition effort undertaken by Imco
 - 7 Construction Company?
 - A. No, the damage occurred in the water treatment
 - 9 plant.
 - 10 Q. Oh, excuse me, the water treatment plant, all
 - 11 right. Otherwise, is that statement correct?
 - 12 A. Yes.
 - 13 Q. And is this letter a direction to Imco to repair,
 - 14 that is, remedy the conditions caused by the demolition
 - 15 work?
 - 16 A. Yes, it is.
 - 17 O. And was it a direction that the remedial work
 - 18 commence immediately?
 - 19 A. Yes.
 - 20 Q. Look at Exhibit 92. Again, is this a document
 - 21 that you wrote, a memorandum that you wrote?
 - 22 A. Yes, it is.
 - 23 Q. Do you have any recollection of the circumstances
 - 24 under which it was written?
 - 25 A. No.

- Q. Would you look at Exhibit 116. Is this a document
- 2 you have seen before?
- A. I don't recall it.
- Q. Do you recall our discussion this morning
- 5 concerning a redesign of the 24-inch discharge line from the
- 6 Dakin-Yew station and its connection with the 16-inch
- 7 waterline?
- A. Yes, I do.
- Q. And do you recall our discussing a letter where
- 10 you indicated that design changes were being accomplished in
- 11 respect to that intersection of the 16-inch waterline and
- 12 the 24-inch discharge line?
- 13 A. Yes.
- Q. Would you take a look at Exhibit 116, just the
- 15 covering letter, and see if the design changes are being
- 16 forwarded to Imco General Construction Company in part by
- 17 this letter?
- 18 A. Yes.
- 19 Q. And the letter is dated what?
- 20 A. The letter is dated May 16, 1994.
- 21 Q. And are there sets of plans attached to Exhibit
- 22 116?
- 23 A. Yes, there are.
- 24 Q. In fact, they're listed in the fourth paragraph of
- 25 the letter; are they not?

- 1 recall this memorandum?
- 2 A. No.
- Q. And again, is this a memorandum that you authored
- 4 and is that your signature on the upper part of the page?
- A. Yes. 5
- 6 O. The "From" line?
- A. Yes.
- Q. Do you know what this is in regard to, this
- 9 memorandum?
- A. Yeah, it has to do with working a second shift to
- 11 install the pipelines that went to the reservoir, or in the
- 12 direction of the reservoir.
- 13 Q. Does it outline a requirement that where there is
- 14 an excavation for laying pipe that there not be any backfill
- 15 until the pipe has been inspected by your inspector?
- 16 A. Yes.
- 17 Q. Would that have been a condition throughout the
- 18 project that backfilling not occur until pipeline put in
- 19 trenches had been inspected?
- 20 A. Yes.
- Q. Would you look at Exhibit 91. Again is this a 22 document that you authored?
- 23 A. Yes, it is.
- 24 Q. Do you recall the circumstances which led to its
- 25 being written?

1 A. Yes, they are.

2 Q. A number of revised drawings?

3 A. Yes.

4 O. And they include C1 through C5 and a revised P1,

5 do they not?

A. Yes.

13

Q. Would you take a moment to look at those and tell

8 me if some of those plans reflect the change that had been

9 redesigned as to the location of the T-joint intersection of

10 the 16-inch waterline to 24-inch discharge line. And

11 attached to that document are some plans, and we may have to

12 find some of these documents in other places, but.

A. Yes, those drawings reflect the revision to the

14 24-inch discharge line.

15 Q. Was a copy of these revised drawings sent to

16 Olympic Pipe Line Company?

17 A. Oh, I don't know.

18 Q. Did your letter, does your letter indicate that

19 you sent copies to anyone other than the addressee at Imco

20 General Construction Company?

21 A. Yes.

22 Q. To whom did you send copies of these revised

23 drawings?

24 A. Wan Huang and Tom Franklin.

25 Q. Do you recall at the time having a conversation

1 A. This appears to relate to a pipeline that crossed,

2. This appears to relate to a profittle that crosse

2 the pipelines that crossed Hannah Creek.

3 Q. And was this additional survey work that was

4 carried out by Christenson Engineering Company?

5 A. Yes.

6 Q. Did you have a particular contact at Christenson

7 Engineering?

A. No one that I remember specifically.

9 Q. Have you had occasion to work with Christenson

10 Engineering since this project in 1994?

A. Not that I recall.

12 Q. Was Christenson Engineering the only surveyors

13 retained by Barrett Consulting Group in conjunction with the

14 Dakin-Yew project?

15 A. I don't know.

16 Q. Do you recall any other surveyors being employed

17 to do survey work on the project?

18 A. No, I don't.

19 Q. Would you look at Exhibit 88. Again is that a

20 memorandum that you authored?

21 A. Yes, it is.

22 Q. And it's your signature that's shown?

23 A. Yes.

24 Q. Do you recall the circumstances -- first, do you

25 recall this memorandum?

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1 with anyone concerning coordination of these changes with

2 Olympic Pipe Line Company?

3 A. No, I do not.

4 Q. In the other course of your duties, would you have

5 had such a conversation with the Imco General Construction

6 Company representative with whom you were in touch as the

7 project went on?

8 A. Yes.

9 Q. Would you have relied on the Imco General

10 Construction Company representatives to then be in touch

11 with Olympic Pipe Line if coordination were needed?

12 A. I don't know.

13 Q. Who would you have expected would send Olympic

14 Pipe Line Company's company copies of these revised

15 drawings, if anyone would?

16 A. I probably would have expected Imco to coordinate

17 that.

18 Q. Do you know whether they did so or not?

19 A. No, I do not.

20 Q. Would you look at Exhibit 87.

21 A. Okay.

22 Q. Can you tell me what, first, is this a letter that

23 was addressed to you?

24 A. Yes, it is.

25 Q. Can you tell me what work this relates to?

I A. No.

Q. And do you recall upon reading it, does it refresh

3 your recollection as to the circumstances that caused this

4 memorandum to be written?

5 A. It appears that this was written in response to

6 some work that Imco had done in Hannah Creek where they had

7 overexcavated the pipe trench.

8 Q. What is the purpose of the letter -- or the

9 memorandum?

10 A. It's to give them some instruction on how to

11 backfill and to tell them that they had taken unilateral

12 action in doing that overexcavation, and basically that they

13 weren't going to get paid for it.

14 Q. Would you take a look at Exhibit 115, I believe it

15 is, if you have that handy. I believe I asked you when we

16 looked at Exhibit 115 this morning whether you had seen that

17 document before today. And did you tell me you have no

18 recollection of having seen it or not?

19 A. No, I have seen this document.

20 Q. You have seen it?

21 A. Um-hum.

22 Q. And do you recall having seen that document in

23 1994?

24 A. No, I do not.

Q. But you had reference to this document since the

13

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Page 75

- 1 1999 incident at Bellingham?
- 2 A. Yes.
- 3 Q. Is the Olympic Pipe Line shown on that document?
- 4 A. Yes, it is.
- 5 Q. And someone, some witness before you has colored
- 6 it with a pink line; have they not?
- A. Yes.
- 8 Q. And is the intersection of, that is, the T-joint
- 9 intersection of the 24-inch discharge line from the
- 10 Dakin-Yew Pump Station and the 16-inch Dakin-Yew waterline
- 11 shown?
- 12 A. Yes, it is.
- 13 Q. Is it fair to say that as shown on that plan the
- 14 T-joint between the 16-inch waterline and the 24-inch
- 15 discharge line is placed directly above the Olympic Pipe
- 16 Line petroleum pipeline?
- 17 A. Yes, as shown on the drawing, it is.
- 18 Q. Do you know whether that's an as-built drawing or
- 19 not?
- 20 A. No, I do not.
- Q. Do you know anything of a, what I would call a
- 22 field change, being made with respect to a slight relocation
- 23 of that line from the position that's shown in this drawing?
- 24 A. No
- Q. I'll ask you to look at Exhibit 94, if you would.

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- 1 Have you seen this document before?
- 2 A. I don't recall it.
- 3 Q. The first page, is it fair to say, are what appear
- 4 to be faxed memoranda which become a contract clarification
- 5 request?
- 6 A. Yes.
- 7 Q. Or interpretation request?
- 8 A. Yes.
- 9 Q. That's the title of the form, at least. And is
- 10 this a request for a slight change in the location of the
- 11 intersection of the placement of the T-joint in the 16-inch
- 12 waterline?
- 13 A. Yes, it is.
- 14 Q. Or if not of the -- strike that.
- 15 And what is the second page of that document which
- 16 I will represent to you comes from Earth Tech's files?
- 17 A. It appears to be a profile of the 24-inch
- 18 waterline discharge line from the pump station with a
- 19 centerline drawn in a different alignment than is shown on
- 20 the original drawing.
- 21 Q. And do you know, first, is that a Barrett
- 22 Consulting Group drawing?
- 23 A. Yes.
- Q. And do you know who the engineer is that drew
- 25 that?

- 1 A. No, I don't.
- 2 Q. Does the attached drawing show the location of the
- 3 Olympic Pipe Line petroleum products pipeline?
- 4 A. No, it does not.
- 5 Q. Do you have any recollection of the week in 1994
- 6 when that document Exhibit 94 was written?
- A. No, I do not.
- 8 Q. Just, if you would take another quick look at it,
- 9 it appears that the date on the reply has been changed.
- 10 That is, the request seems to be dated October 7 and in fact
- 11 that's what the fax caption from the Dakin-Yew job site fax
- 12 shows at the top of the page.
 - MR. SCANLAN: Do you mean July 7?
- 14 Q. July 7, July 7, 1994 or 7/7/94. And at the
- 15 bottom, the reply appears to originally have been dated
- 16 7/10/94, and the ten has been struck through and a seven put
- 17 under it. Do you know who made that change?
- 18 MR. SCANLAN: Objection, calls for speculation.
- 19 He's already testified that he has never seen this document 20 before.
- 21 Q. If you can answer the question, please do so?
- 22 A. No, I don't.
- 23 Q. Would you look at Exhibit 98, Mr. Hatch. Again
- 24 I'll ask you if this is a letter you wrote?
- 25 A. Yes, it is.

Page 76 Q. Do you have any present recollection of the

- 2 circumstances that led you to write that letter?
- 3 A. Yes, I do.
- 4 Q. Okay, what was the situation?
- 5 A. Our inspection determined that some sections of
- 6 the large diameter pipe were out of round, out of tolerance,
- 7 and we relayed a method of repair.
- 8 Q. And did you receive a response to that letter from
- 9 Imco General Construction Company? And I'll refer you to
- 10 Exhibit 99 if you don't recall whether you received one or
- 11 not?
- 12 A. No, I don't recall.
- 13 Q. Does this reflect, does this refresh your
- 14 recollection by looking at Exhibit 99? Or the two letters
- 15 aren't connected?
- 16 A. No, I believe they're connected.
- 17 (Exhibit No. 152 marked for identification.)
 - MR. SCANLAN: Is that in the bundle that you gave
- 19 us?

18

- 20 MR. ALLEN: It's in the bundle.
 - MR. SCANLAN: Do you know what --
- MR. ALLEN: It's the first document, believe it or
- 23 not. Or is it not?
- 24 MR. SCANLAN: Not --
- 25 MR. ALLEN: Oh, then it's not in the bundle I gave

D/	ALEN vs OLYMPIC PIPE LINE Conde	nse	JOHN HATCH
Γ	Page 77		Page 79
١,	you and it's my fault.	1	A. The statement is waterline and Olympic Pipe Line
2	(Discussion held off the record.)	2	personnel identified utilities in area.
3	Q. Mr. Hatch, is that a letter or a memorandum	3	Q. Thank you, that's all I'm going to ask on that.
4	that you wrote?	4	MR. SCANLAN: Is this an extra?
5	www.company.com	5	MR. ALLEN: Off the record.
6	a 1 Mars and Marillian Danden in that account	6	THE VIDEOGRAPHER: Going off the record, the time
7		7	is approximately 1:51 p.m.
8	1 · Cal	8	(Discussion held off the record.)
9		9	THE VIDEOGRAPHER: Back on the record, the time is
10		10	approximately 1:52 p.m.
11	The state of the s	11	(Exhibit No. 153 marked for identification.)
	Dakin-Yew Pump Station project; is that correct?	12	Q. With apologies to counsel because this document
13		ļ	already has been marked but I don't have the exhibit number
14		14	so I pulled another. It's in the packet, it's OPL 5003125.
_	write this memorandum?	15	MR. SCANLAN: Do you know which packet?
16		16	MR. ALLEN: It's in there.
17		17	MR. SCANLAN: May I see that.
	reports were forwarded?	18	THE WITNESS: Yes.
19		19	MR. ALLEN: January 28, 1994 letter.
20		20	MR. SCANLAN: You don't have any idea where in
21		21	·
22		22	MR. ALLEN: I've marked it, have I not, as Exhibit
23			153?
24		24	:
25		25	Q. Again Mr. Hatch, is this a letter that you have
-	Page 78	1	Page 80
1		1	written?
ļ	witness not to answer the question.	2	
3		3	_ '
1	objection?	1 -	any respect?
5	- · · · · · · · · · · · · · · · · · · ·	5	
1	privilege.	6	
1 7		7	letter?
8	highlighting be accomplished?	8	A. USWest Communications.
9		9	
1	witness not to answer the question.		Construction Company?
11		11	
1	numbers 46 through 118 of the daily reports referring to	12	
	Exhibit 64 which as I recall from Mr. Franklin's deposition		14; do you recall that?
1	is a compilation of the daily reports.	14	
15		15	
1	report 118 is dated August 9, 1994.		letter?
17		17	
18	-	18	
19		1	the contractor to carry out all necessary coordination with
20			the underground utilities owners?
l		21	-
21		22	·
22	· ·		•
23	A. Yes, there is.	23	MR. ALLEN: This is the big packet with respect to

24 Intermountain Corrosion.

MR. SCANLAN: Okay, the whole packet.

Q. What is the statement with respect to Olympic Pipe

25 Line?

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- Q. Mr. Hatch, what role did Intermountain Corrosion
- 2 play in the Dakin-Yew project?
- A. They provided design services for cathodic
- 4 protection systems and construction inspection for those 5 facilities.
- O. Did you have any role in working with them in the 7 project?
- A. Yes. 8
- O. What was that role?
- A. I would have coordinated their activities during 10
- 11 construction.
- O. And can you tell me what this document, which was 12
- 13 obtained from Earth Tech's files and there's quite a few
- 14 pages, constitutes? And I will just ask you to take a look
- 15 through it?
- A. It's a collection of letters written to me on a 16
- 17 number of subjects relating to the project.
- Q. Do they all relate to the cathodic protection 18
- 19 program that Intermountain Corrosion was designing?
- 20 A. No.
- 21 Q. What other subjects are incorporated, just
- 22 generally?
- 23 A. There's some discussion about force account,
- 24 grades, change orders, markups, more change orders.
 - Q. Would this appear to be, this collection appear to

- A. I don't think so.
- Q. Do you know what it relates to?
- A. This is a proposal for a construction services
- 4 from Christenson Engineering.
- Q. And do you know what those services incorporated
- 6 -- strike that. Were part of Christenson's services that
- 7 these quotes relate to staking the centerline and offsets
- 8 for all buried piping?
- A. Yes.
- Q. Do you recall working with Christenson Engineering
- 11 in respect to that surveying project during the design stage
- 12 of the Dakin-Yew project?
- 13 A. No.
- Q. Was this surveying that's reflected by the
- 15 December 16, 1993 letter, Exhibit 155, a part of the
- 16 construction project itself?
- 17 A. Yes.
- 18 Q. Can you tell us what Christenson Engineering
- 19 Corporation was being required to do in respect to item
- 20 three, if it's anything more than what is stated. What were
- 21 you expecting that they would accomplish?
 - A. No, I can't expand on what was stated there.
- Q. What is meant by offsets in that term of
- 24 reference, "Stake centerline and offsets for all buried
- 25 piping"?

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- 1 be the Barrett Consulting Group or Earth Tech file with
- 2 respect to Intermountain Corrosion's participation in this 3 job?
- A. I'm not sure I understand the question.
- Q. Would this appear to be the contents of a file
- 6 related to Intermountain Corrosion's role in the Dakin-Yew
- 7 project, or the Bellingham water treatment project?
- MR. SCANLAN: Calls for speculation. 8
- A. Intermountain Corrosion Service was certainly a
- 10 part of this pile of documents.
- Q. And I can see that I probably have handed you
- 12 something that is not related, one thing to the other. And
- 13 we may have to go through each document and we probably
- 14 should mark them all separately. We'll take a break at this
- 15 time and do that.
- 16 THE VIDEOGRAPHER: Going off the record, the time 17 is approximately 1:59 p.m.
- (Exhibit Nos. 155 189 marked for
- 19 identification.)
- 20 THE VIDEOGRAPHER: Back on the record, the time is
- 21 approximately 2:08 p.m.
- Q. Mr. Hatch, it's my intention to go through a
- 23 number of documents very quickly with you here. We put
- 24 aside, if you will put aside what has been marked as Exhibit
- 25 154. And have we discussed Exhibit 155 earlier today?

- A. Centerline would be a stake over the top of the
- 2 pipe. Offset would be another stake placed at a known
- 3 distance from that centerline stake as a reference point.
- Q. And then looking at Exhibit 156, what is the date
- 5 of this document?
- A. It's dated January 28, 1994.
- Q. And does that provide a project organization chart
- 8 for Imco Construction Company and its participation in the
- 9 project?
- 10 A. Yes, it does.
- Q. Turning to Exhibit 157, is this a letter to you
- 12 from Imco Construction Company?
- 13 A. Yes, it is.
- 14 Q. What is the general subject area?
- A. This is in regards to the connection between the 15
- 16 24-inch discharge line and an existing 16-inch waterline.
- Q. Is that what installation of the 16-inch service
- 18 line refers to, the 16-inch waterline? Or is there another
- 19 16-inch service line on the project?
- A. No, you're right. In looking at it again, I'll
- 21 correct myself. I believe this has to do with the service
- 22 line that comes out of the wet well.
- 23 MR. BENINGER: Out of the wet well?
 - THE WITNESS: Out of the wet well, yes, out of the
- 25 pump station.

- A. Try one more time here, sorry. This has to do
- 2 with the existing waterline that comes out of the water
- 3 treatment plant.
- 4 Q. Could you take a look at Exhibit 150, I believe it
- 5 is, probably on the bottom of that stack in front of you.
- 6 We're surrounding you with paper at this point.
- 7 MR. SCANLAN: This is 150 here, is it not.
- 8 Q. 149. Can you show us where that 16-inch line is
- 9 located on -- referring to Exhibit 149 -- maybe if you hold
- 10 it up to the camera.
- 11 A. It's this line right here that was relocated.
- 12 O. And you have already marked the existing 16-inch
- 13 waterline on that exhibit, have you not?
- A. That's correct, it's this line right here.
- 15 Q. So the reference to 16-inch line is not in
- 16 relation to the Dakin-Yew 16-inch waterline to which the
- 17 24-inch line was to be connected?
- 18 A. That's correct.
- 19 Q. And Exhibit 158, please.
- 20 A. Okay.
- 21 Q. Again is this correspondence to you?
- 22 A. Yes, it is.
- 23 Q. And is there a list of equipment attached to this
- 24 document?
- 25 A. Yes, there is.

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- Q. Is it your recollection or do you have any
- 2 recollection as to whether the contract called for the
- 3 contractor to furnish equipment which would be billed by the
- 4 hour of usage?
- 5 A. There is a provision in the construction contract
- 6 for force account work where the equipment would be charged
- 7 by the hour.
- 8 Q. And does this set up a schedule then for the
- 9 hourly charges for use of specific pieces of equipment which
- 10 were to be employed on the project?
- 11 A. Yes, it does.
- 12 Q. Let's look at Exhibit 159. Can you tell us what
- 13 this document is. First, is it a document, correspondence
- 14 to you with attachments?
- 15 A. Yes, it is.
- 16 Q. And concerning what subject?
- 17 A. This is in regards to contract change orders one
- 18 through five. This is Imco's cost proposal for those
- 19 changes.
- 20 Q. What was the process on this job, just so that we
- 21 have a context, for accomplishing change orders. How would
- 22 they be initiated, who would they flow through and who would
- 23 finally approve them, what was the approval process?
- 24 A. Changes could be initiated either by the
- 25 contractor or by the engineer or by the owner. Contract

- 1 change orders would come through me as a construction
- 2 services manager. And the ultimate approval was given by
- 3 the owner, City of Bellingham.
- 4 Q. Would you expect there's also documentation
- 5 showing that ultimate approval, if we look through all these
- 6 files, maybe we'll get to some before we finish this file?
- 7 A. There would be an executed contract change order,
- 8 yes.
- Q. To whom would you pass a request for a change
- 10 order that had been initiated by the contractor?
- 1 A. If I had reviewed this and felt that costs were
- 12 reasonable, I would have forwarded this to the City of
- 13 Bellingham to Wan Huang.
- 14 Q. Look at Exhibit 160 then. This is a document
- 15 written by Imco General Construction Company to Barrett
- 16 Consulting Group. Can you tell us what this is?
- 17 A. This is a submittal for material. In this case,
- 18 this is CDF or controlled density fill, Imco would submit
- 19 this to us for approval.
- 20 Q. In this instance, the CDF was to be supplied by
- 21 another company whose quote is attached, or at least there's
- 22 some documents attached from Cowden Gravel and Ready Mix?
- 23 A. Yes.

24

- Q. Were they a materials supplier on this project
- 25 throughout the project?
- 1 A. I don't know if I would say throughout the
 - 2 project. They provided concrete.
 - 3 Q. And they provided concrete on more than one
 - 4 occasion during the project; is that correct?
 - 5 A. I don't know the answer to that, I would assume
 - 6 they did.
 - 7 Q. Do you recall whether there were other concrete or
 - 8 concrete products that were suppliers of wet concrete on the
 - 9 project?
 - 10 A. Do I understand that there were others?
 - 11 Q. Other suppliers of concrete on the project, cement
 - 12 or concrete?
 - 13 A. No, I don't know the answer to that.
 - 14 Q. The next document we're going to pass by has been
 - 15 marked as Exhibit 161, but it also says on its face it's
 - 16 also Exhibit 87. Let me just take a look at it.
 - Would you just take a look at Exhibit 161 and tell
 - 18 us what that -- first, it is a letter to you?
 - 19 A. Yes, it is.
 - 20 Q. And specifically to what part of the project does
 - 21 it relate?
 - 22 A. This has to do with the area in the neighborhood
 - 23 of Hannah Creek.
 - 24 Q. And Exhibit 162, again is this another piece of
 - 25 correspondence to you?

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- A. Yes, it is. i
- Q. And what was transmitted by this document? 2
- A. This is from Imco and it lists their calculations
- 4 for overhead and profit for them and their subcontractors.
- Q. Do you have any recollection of why this document
- 6 was being, that is, the calculations of overhead and profit
- 7 for their work and their subcontractors work, was being
- 8 forwarded in May of 1994, well after the project had
- 9 commenced?
- A. No. I don't. 10
- Q. And do you know why there was a requirement for, 11
- 12 or why if not a requirement, why it's stated it would be
- 13 appreciated if there were a response by June 1, 1994?
- 14 A. No. I don't.
- Q. I will ask you to look at Exhibit 163. This is 15
- 16 another piece of correspondence bearing the same date, May
- 17 24, 1994, also from Mr. Krakenberg to you. What was the
- 18 purpose of this letter, if you can tell by reviewing it?
- 19 A. Yeah, they're asking to work two shifts to do
- 20 excavation during the day and to lay pipe at night.
- 21 Q. There's a reference in Exhibit 163 to speeding up
- 22 the work on the project; is that correct?
- 23 A. Yes.
- 24 Q. Do you have any recollection as to whether the
- 25 project by May of 1994 was falling behind schedule?

- Q. Do they relate to the same problem?
- 2 A. Yes, they do.
- 3 Q. Do you recall there being an issue concerning the
- 4 profile view of whatever plan was relevant to that portion
- 5 of the project being misleading, that is, inaccurate?
 - A. I don't recall that.
- Q. Does this letter to you appear to make the point
- 8 that the profile furnished the contractor in the plans and
- 9 drawings was misleading?
- 10 A. That's what the letter states.
- 11 Q. Is it fair to say that Imco is asserting that the
- 12 topographical profile in respect to that portion of the
- 13 project was incorrect?
- 14 A. I think that's their implication.
- 15 Q. Okay, let's go to Exhibit 165. I believe you told
- 16 us earlier today that Jim Lutz was a structural engineer or
- 17 an engineer who worked on this project?
- 18 A. Yes, that's correct.
- 19 Q. And is Exhibit 165 a report from Mr. Lutz to you
- 20 concerning two trips that he made to the project?
- 21 A. Yes, it is.
- 22 Q. What is the subject matter of the, that took him
- 23 to the Bellingham project in May and early June 1994?
 - A. Jim wanted to look at some structural issues at
- 25 the project and this is his comments.

- A. No, I don't.
- Q. Do you have any recollection of the project
- 3 meeting schedule being a concern throughout the project?

- Q. Do you have any recollection as to whether or not
- 6 there was delay in completion of the project?
- A. I don't remember there being a delay.
- Q. Would you take a look at Exhibit 164, sir. Again
- 9 is this another letter from Mr. Krakenberg to you written
- 10 the next day from the prior two exhibits, May 25, 1994?
- 11 A. Yes, it is.
- 12 Q. And I think earlier we looked at a document
- 13 written by you in respect to the overexcavation at Hannah
- 14 Creek; is that correct?
- 15 A. Yes, that's correct.
- Q. Is this a response to the letter we were
- 17 discussing, and I can't recall the exhibit number, in
- 18 respect to overexcavation and the problem that created?
- 19 MR. VERWOLF: It was Exhibit 88.
- 20 MR. ALLEN: I believe it was, yes. Thank you,
- 21 counsel.
- 22 A. Without looking at the other exhibit, I can't say.
- 23 Q. Okay, let's take a look at Exhibit 88 and see.
- 24 A. Exhibit 164 is dated May 25. Exhibit 88 is dated 25 May 30.

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- Q. What kind of structural issues was he addressing
- 2 on those two trips, what were the structural issues he was 3 addressing?
- A. In one he has comments about the floor slab inside
- 5 the water treatment plant. About a crack in a concrete
- 6 pipeline. About damage to a slab, again in the building.
- 7 Cracked sealing of the reservoir which was the adjacent
- project. And comments regarding cutting in the clearwell.
- Q. Why is he addressing these points to you in this
- 10 memorandum?
- A. This would be the equivalent of a field report, it
- 12 was Jim's practice that when he went to a job site he would
- 13 write up a little memo of what he had observed and issues
- 14 that he thought needed to be addressed.
- 15 Q. And would you then relay those issues to both the
- 16 city and the contractor?
- 17 A. It depended on what they were.
- Q. In this instance, do you recall whether you
- 19 addressed the issues to the contractor or the city?
- 20 A. No, I don't.
- 21 Q. There's a copy to Dirk; is that a reference to Mr.
- 22 Van Woerden?
- 23 A. Yes, it is.
- 24 Q. Take a look at Exhibit 166. Again, is this a
- 25 letter written to you?

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- A. Yes, it is.
- 2 Q. The date of the letter?
- 3 A. Date is June 8, 1994.
- 4 Q. Do you recall receiving this letter?
- 5 A. No, I don't.
- 6 Q. Who are Casne Engineering, Inc.?
- 7 A. Casne Engineering was our electrical consulting
- 8 engineer on this project.
- 9 O. Does this letter reflect that some problem had
- 10 arisen between Imco and Casne in regard to the project?
- 11 A. It appears to imply that, yes.
- 12 Q. And it states in part that Imco is alleging that
- 13 Casne has provided inaccurate information; is that correct?
- 14 A. Yes.
- 15 Q. And that was, it was slow in getting information
- 16 out so that the project was being delayed?
- 17 A. Yes.
- 18 Q. Do you have any specific recollection of those
- 19 problems or those issues between Casne and Imco as we sit
- 20 here today?
- 21 A. No, not from that time, no.
- 22 Q. Let's mark Exhibit 167. This is a document that
- 23 you viewed earlier today and it is Imco's field Serial
- 24 Letter No. 5. And I think we discussed it this morning in
- 25 respect to the statement in the third sentence that the

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 1 Imco on the Dakin-Yew Pump Station project?
 - 2 A. I don't recall that. The letter is signed Paul
 - 3 Krakenberg, Project Manager.
 - 4 Q. And you do recall that at sometime during the
 - 5 project that evolution did occur, Mr. Hart was no longer the
 - 6 project manager and Mr. Krakenberg became the project
 - 7 manager for Imco?
 - 8 A. Yes.
 - 9 Q. And the letter reflects that there was going to be
 - 10 a night shift working and that it would not work past twelve
 - 11 o'clock midnight?
 - 12 A. Yes, that's correct.
 - 13 Q. What was the concern reflected by the statement
 - 14 that they would not work past twelve o'clock midnight, if
 - 15 you know?
 - 16 A. I don't know.
 - 17 Q. What were the ordinary working hours of the
 - 18 project when they were working just a day shift? When did
 - 19 they knock off work, as you would say?
 - 20 A. My recollection was that Imco was working four
 - 21 10's at least through a pretty good part of the project. I
 - 22 don't know exactly when they began and ended.
 - 23 Q. By four 10's, you mean four days a week, ten hours
 - 24 a day?
 - 25 A. Yes.

- 1 16-inch line was found to be lower than shown on the plans?
- A. Yes, that's correct.
- 3 Q. And did we finally agree that it was the 16-inch
- 4 Dakin-Yew waterline that was lower than shown on the plans
- 5 as alleged here?
- 6 A. Yes.
- 7 Q. Do you recall any action being taken to determine
- 8 the accuracy of the position of the 16-inch waterline,
- 9 existing 16-inch waterline as shown on the plans furnished
- 10 to the contractor?
- 11 A. Not specifically, no.
- 12 Q. Did you go to Bellingham following the June 10,
- 13 1999 incident?
- 14 A. No, I did not.
- 15 Q. I take it that when you say that, you were not
- 16 present during the excavation of the area of the rupture of
- 17 the Olympic Pipe Line petroleum pipeline?
- 18 A. Yes, that's correct.
- 19 Q. Take a look at Exhibit 168. Again this is, we
- 20 have talked about the subject before but perhaps haven't
- 21 seen this document. It's a June 16 letter from Mr.
- 22 Krakenberg again to you; is that correct?
- 23 A. Yes, that's correct.
- Q. Do you recall whether by June 16, 1994 Mr.
- 25 Krakenberg had replaced Mr. Hart as the project manager for

- 1 Q. And do you know what the, when the ten hours would
- 2 commence and terminate?
- 3 A. No, I don't.
- Q. Let's look at Exhibit 169. I think we have seen a
- 5 part of this document earlier but could you tell me what
- 6 this is?
- 7 A. Well, there's two fax transmittal forms, one from
- 8 the City of Bellingham followed by one from myself to Wan
- 9 Huang. And my fax transmittal had some memorandums attached
- 10 to it. One memorandum was to Paul Krakenberg regarding
- 11 night shift work.
- 12 Q. Yes?
- 13 A. And the second one regarding a topography
- 14 discrepancy west of Hannah Creek.
- 15 Q. And does that memorandum indicate that based on a
- 16 survey performed by Greg Bruce and Tom Franklin yesterday,
- 17 which would have been June 15, 1994, there was a discrepancy
- 18 between the topography indicated on the plans and the actual
- 19 ground elevation between the creek and the reservoir?
- 20 A. Yes.
- 21 Q. Let's take a look at 170 then. Is this a document
- 22 that was directed to you?
- 23 A. Yes
- Q. At the Barrett Consulting Company fax number in
- 25 Bellevue?

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A. Yes, it is.

- 2 Q. And from whom is this document sent?
- 3 A. This is from Gary Hess.
- Q. Is he an employee of the City of Bellingham? Or
- 5 was he?
- A. Yes.
- 7 Q. And what is attached to his memorandum?
- 8 A. They appear to be drawings that show portions of
- 9 the city water system.
- 10 Q. And do they show the portions that include the
- 11 16-inch Dakin-Yew waterline that's going to be shut down so
- 12 the 24-inch to 16-inch T-joint could be installed?
- 13 A. Yes, they do.
- 14 Q. Do you expect that the June 21 construction
- 15 meeting that's referred to in that covering memorandum to
- 16 you is the June 21, 1994 weekly project meeting?
- 17 A. Yes.
- 18 Q. Exhibit 171. Again, this is a letter from Mr.
- 19 Krakenberg to you, is it, sir?
- 20 A. Yes, it is.
- 21 Q. And to what does it refer?
- 22 A. It refers to structural problems in the existing
- 23 pump station.
- Q. Does this relate to your direction that some
- 25 remedial work should be commenced immediately, the document

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 1 which I see is a letter again from Mr. Krakenberg to you on
 - 2 July 6, 1994?
 - 3 A. The issue is regarding a markup for change order
 - 4 work.
 - 5 Q. Is it a request that a higher markup than you had
 - 6 allowed be permitted for the subcontractor work?
 - 7 A Yes
 - 8 Q. Is the statement to the effect that the markup
 - 9 that was being allowed was insufficient to allow a
 - 10 reasonable profit to income?
 - 11 A. Yes.
 - 12 Q. Let's look at Exhibit 179. Excuse me, 174. If
 - 13 one writes a "3" very carelessly, it looks like an "8."
 - I'm not going to ask you any questions about this
 - 15 because we'll come back later on and I'll supplement this,
 - 16 if it's permissible with counsel, with the attachments to
 - 17 this letter which are missing from it as it's presently
 - 18 submitted.
 - 19 Let's go to the Imco Serial Letter No. 14 on pipe
 - 20 which is marked as Exhibit 175. Would you take a moment and
 - 21 look at this exhibit. What is the issue that's being
 - 22 reflected by this document, Mr. Hatch?
 - 23 A. This has to do with deflection of the large
 - 24 diameter pipelines, 60-inch and 72-inch.
 - 25 Q. And does it relate to a complaint concerning the

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- Page 100
 1 procedure that's being followed, a complaint by Imco? Or is
 - 2 that not a fair characterization?
 - 3 A. I'm not sure I can categorize it as a complaint or
 - 4 not.
 - 5 Q. How would you categorize it?
 - 6 A. I would say it's a discussion of the issues.
 - 7 Q. Is there some disagreement apparent between
 - 8 Barrett Consulting Group and Imco concerning the issue of
 - 9 the pipe deflection and the remedy for that situation?
 - 10 A. Yes, there appears to be.
- 11 Q. Let's look at the next of these documents, Exhibit
- 12 176. What is the date of this document, sir?
- 13 A. The fax transmittal is dated August 5. The letter
- 14 from Imco to myself is dated August 2, 1994. And there's
- 15 another letter to Paul Krakenberg from me dated August 5,
- 16 1994.
- 17 Q. And does this document also relate to the issue of
- 18 the deflection in the large diameter pipe and the remedy for
- 19 that situation?
- 20 A. Yes
- 21 Q. Does this exchange of correspondence reflect a
- 22 disagreement between Barrett Consulting Group and Imco
- 23 Construction Company concerning the actions taken and to be
- 24 taken with respect -- or to be taken with respect to the
- 25 pipe deflection issues?

ra.

- I we discussed a few minutes ago?
- A. It's not clear to me what this refers to.
- 3 Q. It does refer to your June 22, 1994 letter; is
- 4 that correct?
- 5 A. Yes.
- 6 Q. Let's look at Exhibit 172. What is this document,
- 7 sir?
- 8 A. This is an agreement for surveying services from
- 9 Leonard, Boudinot & Skodje.
- 10 Q. And Leonard, Boudinot & Skodje, it says are
- 11 professional engineers and land surveyors. And the work
- 12 that they are being called upon to do in July of 1994 is
- 13 construction staking services; is that correct?
- 14 A. Yes, it is.
- 15 Q. Do you recall the nature of the construction
- 16 staking they were going to undertake in July of 1994?
- 17 A. Yes, they were to provide or they are proposing --
- 18 back up. The agreement is for construction staking
- 19 associated with the waste site which was located west of the
- 20 reservoir.
- 21 Q. And again, the reservoir, is the reservoir east or
- 22 west of the pump station?
- 23 A. The reservoir is west of the pump station and this
- 24 would have been west of that.
- 25 Q. Exhibit 173. What is the issue in this letter

	Page 101		· · · · · · · · · · · · · · · · · · ·	Page 103
1	A. Yes.	1	CERTIFICATE	-
2	Q. Will you look at the next document which is a	2	STATE OF WASHINGTON) ss.	
3	letter of December 8, 1994. Is this again a letter from Mr.	3 (COUNTY OF KING)	
4	Krakenberg to you?	4	I, the undersigned Notary Public in and for the	
5	A. Yes, it is.	5 :	State of Washington, do hereby certify:	
6	Q. Does it reflect a complaint or disagreement on	6	That the annexed and foregoing deposition of each	
7	Imco General Construction Company's part with actions taken	7 .	witness named herein was taken stenographically before me	
8	by or directions given by Barrett Consulting Group on behalf	8	and reduced to typewriting under my direction;	
9	of the city?	9	I further certify that the deposition was	
10	A. I'm sorry, restate or would you say that again.	10	submitted to each said witness for examination, reading and	
11	(The record was read back by the reporter.)	11 :	signature after the same was transcribed, unless indicated	
12	A. Yes, I would say this is a complaint.	12	in the record that the parties and each witness waive the	
13	Q. I think we better stop there if we're going to	13	signing;	
14	make our medical appointments.	14	I further certify that all objections made at the	
15	THE VIDEOGRAPHER: This adjourns the deposition of	15	time of said examination to my qualifications or the manner	
16	John Hatch, the time is approximately 2:57 p.m.	16	of taking the deposition, or to the conduct of any party,	
17		17	have been noted by me upon said deposition;	
18		18	I further certify that I am not a relative or	
19		19	employee or attorney or counsel of any of the parties to	
20		20	said action, or a relative or employee of any such attorney	
21		21	or counsel, and that I am not financially interested in the	
22		22	said action or the outcome thereof;	
23		23	I further certify that each witness before	
24		24	examination was by me duly sworn to testify the truth, the	
م د ا		25	whole truth and nothing but the truth;	
25		123		
25	Page 102	-5		Page 104
1	Page 102	1	I further certify that the deposition, as	Page 104
	-	1		Page 104
1	AFFIDAVIT	1 2	I further certify that the deposition, as	Page 104
1 2	-	1 2 3	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the	Page 104
1 2 3 4	A F F I D A V I T STATE OF WASHINGTON	1 2 3 4	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all	Page 104
1 2 3 4	A F F I D A V I T STATE OF WASHINGTON) ss	1 2 3 4	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and	Page 104
1 2 3 4 5	A F F I D A V I T STATE OF WASHINGTON) ss	1 2 3 4 5 6	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination;	Page 104
1 2 3 4 5 6	A F F I D A V I T STATE OF WASHINGTON) ss	1 2 3 4 5 6 7	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the	Page 104
1 2 3 4 5 6 7 8	A F F I D A V I T STATE OF WASHINGTON) SS COUNTY OF KING)	1 2 3 4 5 6 7 8	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and	Page 104
1 2 3 4 5 6 7 8 9	A F F I D A V I T STATE OF WASHINGTON) ss COUNTY OF KING) I have read my within deposition, and	1 2 3 4 5 6 7 8	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and marking "Deposition" with the name of each witness, and	Page 104
1 2 3 4 5 6 7 8 9	A F F I D A V I T STATE OF WASHINGTON) ss COUNTY OF KING I have read my within deposition, and the same is true and accurate, save and except for	1 2 3 4 5 6 7 8 9	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and marking "Deposition" with the name of each witness, and promptly delivering the same to the proper party.	Page 104
1 2 3 4 5 6 7 8 9	A F F I D A V I T STATE OF WASHINGTON) ss COUNTY OF KING) I have read my within deposition, and the same is true and accurate, save and except for changes and/or corrections, if any, as indicated by	1 2 3 4 5 6 7 8 9 10 11	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and marking "Deposition" with the name of each witness, and promptly delivering the same to the proper party. Unless otherwise requested, all records pertaining	Page 104
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1 2 3 4 5 6 7 8 9 10 11 12 13	A F F I D A V I T STATE OF WASHINGTON) ss COUNTY OF KING I have read my within deposition, and the same is true and accurate, save and except for changes and/or corrections, if any, as indicated by me on the CORRECTIONS page hereof,	1 2 3 4 5 6 7 8 9 10 11 12 13	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and marking "Deposition" with the name of each witness, and promptly delivering the same to the proper party. Unless otherwise requested, all records pertaining to this deposition will be discarded three years from today's date. WITNESS MY HAND AND SEAL this 3rd day of July, 2000. AMULTICATION HOINSTEIN	Page 104
1 2 3 4 5 6 7 8 9 10 11 12 13 14	A F F I D A V I T STATE OF WASHINGTON) ss COUNTY OF KING I have read my within deposition, and the same is true and accurate, save and except for changes and/or corrections, if any, as indicated by me on the CORRECTIONS page hereof,	1 2 3 4 5 6 7 8 9 10 11 12 13 14	I further certify that the deposition, as transcribed, is a full, true and accurate transcript of the testimony, including questions and answers, and all objections, motions, and exceptions of counsel made and taken at the time of the foregoing examination; I further certify that I am sending the deposition with the title of the above cause thereon; and marking "Deposition" with the name of each witness, and promptly delivering the same to the proper party. Unless otherwise requested, all records pertaining to this deposition will be discarded three years from today's date. WITNESS MY HAND AND SEAL this 3rd day of July,	Page 104
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