National Transportation Safety Board Internal Inspection Factual Bellingham, Washington Accident DCA99-MP008

Appendix 13

Olympic diagrams of changes

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Stationing Te

Take Up

New of Used Pipe

# DIAGRAM OF CHANGES

PIPE---LAID, IN RED. TAKEN UP. IN BLACK crossed with RED.

0-10(4-201-)

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842+646 STATIONING \_

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# DIAGRAM OF CHANGES

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## DIAGRAM OF CHANGES

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-	Bate Of Test	Stationing	Take Up	New or	Size	P.E ar	Type of	Specified Brade	Taight		Costing	forsen t
	Bate Of Test	Stationing	Take Up	New or	Size	P.E ar	Type of	Specified Brade	Veight		Costing	
CONFIDENTIAL	Bate Of Test	Stationing	Take Up	New or	Size	P.E ar	Type of	Specified Grade	Voight		Costing	
	Date Of Test		t.	<u> </u>	D 4	PF NA'	T A					

### OLYMPIC PIPE LINE CO. Leak, Maintenance, and Exposed Pipe Report

<u>. 8-12-94</u>	Report Number
IDENTIFICATION	N
Area FE-AL /6" M.L. Loc. Code 77202	<b>†</b>
Distance & Direction from Nearest Facility: 15.7 m: les South	
East of Ferndale Station	├-' <b>  ' </b>
Distance & Direction from Nearest M.P. 3/10 M. Le Aucth of mp 16.	<u> </u>
Line Size 16.00 Wt. 52.36 W.T. 313 Grade 54x52	
Location & County (SecTwpRg. or Survey-Block-Section No.) Rellington	<u>├</u> . \ .—┤
Whateen Sec 28 T38N R3E	
Operating Pressure of Line ispsi.	Sketch: Show M.P. Location,
Last Hydrostatic Test Number: #8	Mag. Anodes Installed, Test Point Installed, Leak, etc.
	Your instance, Leak, etc.
LEAK REPORT	
R.O.W. Number:	Date of Leak:
Leak Reported by:	Date Repaired:
Cause of Leak: Type of Fluid Los	t:
Tal Barrels Lost: Barrels Recovered:	Net Barrels Lost:
of Property Damaged: Extent of Damag	ge:
Damage Estimate (other the OPI	
Type & Method of Cleanup:	·
Tenant/Landowners Name, Address & Phone Number:	
D.O.T. Report Required: If Yes, Date Information Furnished to Renton Office:	·
REPORTS MADE TO GOVERNMENT AGENCIES:	DATE FILED
REPORT PREPARED BY: KEVIN WITHMEN	TITLE:
REMARKS:	
	·
REMARKS:	
REMARKS.	
Date: / Livin -	
	Supervisor
REMARKS:	<del></del>
Date:	Manager
	0000110

CONFIDENTIAL DO NOT COPY

#### MAINTENANCE REPORT

leason for Maintenance:
ermanent or Temporary Repair-Method Used:
Universal Transfer #
'ipe Installed: YesNoIf yes; Footage, Type, Weight
V.T, Grade Replacement Coating Type
lydrostatic Test Number
Zertified Welders Name Welding Inspectors Name
EXPOSED PIPE REPORT
Pipe was exposed between Station Number 843 +04 and Station Number 843 +14 due to Installing 24" Steel water Line, 4" PUC water Line, 2" PUC water Line
Average depth of cover was 20" inches. Type of Soil ROCK (5h9 le)
Was there evidence of Corrosion? YesNo_X Corrosion, if present, was internalexternal, or both and was
determined to be active inactive Type of corrosion was Pitting General Corrosion was present on the
top, bottom, sideof the pipe.
PITTING CORROSION: Size of Pits: Depth of Pits: Number Pits Per Foot
GENERAL CORROSION: Remaining Wall Thickness of the pipe isinch.
The existing type of coating is CT Primer CT Granel. The condition of the coating is Good - Depairs
were made and a wrap was made on the Rottom of Pipe. Gating is in Good Cond.
Is existing coating bonded to Pipe? YES Distance to nearest rectifier or anode is 2.2 m. Les worth to Red. Ger mp
Post Accident Review:
sind I have been been Sund
Signed.
Date: 8-79-99