

## Redmond District Unit Data

### Pipeline Data

Answer in table format for Questions: 5,6,7,8,9

Lateral Name	Beginning Lat	Beginning Long	End Lat	End Long	Year of Installation	Pipe Size
30" Ignacio to Sumas Loop Line (1401)	46.7942751	-122.7542	48.032095	-122.0548	1971, 1972, 1993	30"
36" Ignacio to Sumas Loop Line #2 (1408)	46.8530798	-122.67699	48.032095	-122.0548	2003, 2007	36"
20" Gray's Harbor (2495)	46.8535541	-122.67691	46.971495	-123.4783	2002	20"
10.75" & 6.625" Olympia (2432)	46.8535541	-122.67691	46.959874	-122.7985	1957	10.75" & 6.625"
12.75" Olympia Loop (2487)	46.8535541	-122.67691	46.959874	-122.7985	1995, 2009	12.75"
10.75" Shelton (2433)	46.9484908	-122.78578	47.191717	-123.1316	1963, 1971, 2000, 2002	10.75"
8.625" McCleary (2438)	47.0411857	-123.05317	47.043072	-123.2635	1963, 1971, 2002	8.625"
12.75" Scott (2496)	47.0854131	-122.35893	47.085522	-122.3634	2001	12.75"
8.625" South Tacoma (2437)	47.0954596	-122.3495	47.134263	-122.3924	1960, 1988, 2007	8.625"
8.625" North Tacoma (2427)	47.2351376	-122.20864	47.235518	-122.2254	1956	8.625"
10.75 North Tacoma Loop (2482)	47.2351376	-122.20864	47.235518	-122.2254	1992	10.75"
10.75" South Seattle (2429)	47.4528069	-122.03398	47.461294	-122.2076	1956, 1959, 1970, 1993, 2001, 2002	10.75" & 12.75"
10.75" & 16" South Seattle Loop (2454)	47.4528069	-122.03398	47.461294	-122.2076	1966, 1993, 1970, 2001	10.75", 16"
8.625" North Seattle (2428)	47.8323427	-122.05278	47.828025	-122.2808	1956, 1963, 1968, 1971, 2000, 2004, 2006	8.625"
16" North Seattle Loop (2448)	47.8323427	-122.05278	47.828025	-122.2808	1963, 1968, 2002, 2006	16"
6.625" Grotto (2404)	47.8868329	-122.0446	47.860384	-121.6899	1957, 2009	6.625"

### Pigging Data

Answers to Question 19

SEGMENT/ LINE NAME	LINE #	Year	Miles	Digs	Tool Type
Mt. Vernon - Snohomish	1401	2007	46.8	7	Geo, MFL
Snohomish - Sumner	1401	2006	41.7	10	Geo, MFL
Sumner - Chehalis	1401	2006	62.24	7	Geo, MFL
Sumner - Snohomish	1408	2009	3.46	0	Geo, MFL
North Seattle	2428	2009	10.4	5	Geo, MFL, AFD
North Seattle Loop	2448	2009	10.4	5	Geo, MFL, AFD
South Seattle	2429	2009	8.5	5	Geo, MFL, AFD
South Seattle Loop	2454	2009	6.2	1	Geo, MFL, AFD
South Tacoma	2437	2008	3.9	3	Geo, MFL
<b>Total miles pigged</b>			<b>193.6</b>		

Pipe Spec (manufacture procedure)	Grade	Seam Type	Coating Type	Normal Operating Pressure	MAOP/MOP	% SMYS
API 5L	Typically X60	SSA, DSA	FBE	960	varies	varies
API 5L	X70	SWD, DSA	FBE	960	varies	varies
API 5L	X70	ERW	FBE	977	varies	varies
API 5L	B, X42, X52	DSA, ERW	Asphalt Based	809	varies	varies
API 5L	X42, X46, X52, X60,	ERW	FBE	809	varies	varies
API 5L	B, X42, X52	ERW, SM	Coal Tar Glass/Enamel	809	varies	varies
Unknown	B, X42	ERW, SM	Coal Tar Glass/Enamel, Epoxy	809	varies	varies
API 5LX	X52	DSA	FBE	973	varies	varies
API 5LX	B, X42	SM, EW, ERW	Coal Tar Glass/Enamel, Epoxy	762	varies	varies
Unknown	B, X42, X52	SM, EW, ERW	Asphalt Based	728	varies	varies
Unknown	B, X46	SM	FBE	960	varies	varies
Mostly Unknown, ASS53	B, X42, X46, X52	SM, ERW	Asphalt Based , Cold Applied Polytape	747	varies	varies
AP5L, ASS53	B, X52, X56, X60	SM, ERW	Coal Tar Glass/Enamel, Cold Applied Polytape	809	varies	varies
Mostly Unknown, ASS53	B, X42, X52	SM, ERW	Asphalt Based , Hot Applied Tapecoat	809, 600, 441	varies	varies
Mostly Unknown, API 5L	B, X42, X52, X60	SM, ERW	Coal Tar Glass/Enamel, Epoxy	960	varies	varies
Unknown	B, X42, X52	SM, ERW	Coal Tar Glass/Enamel, Epoxy	809, 634	varies	varies