



Puget Sound Energy
P.O. Box 97034
Bellevue, WA 98009-9734
PSE.com

September 27, 2013

Washington Utilities and Transportation Commission
Pipeline Safety Section
PO Box 47250
Olympia, WA 98504-7250

RECEIVED
SEP 27 2013
State of Washington
UTC
Pipeline Safety Program

RE: Bare Steel Replacement Program annual Risk Assessment (Docket PG-030128)

Dear Mr. Lykken;

Pursuant to the King/Pierce County Settlement Agreement reached under Dockets PG-030080 and PG-030128, Puget Sound Energy (PSE) is required to complete an annual system risk assessment of bare steel pipeline segments utilizing a risk model as detailed in the Bare Steel Replacement Program document. Please find enclosed a copy of PSE's 2013 Risk Assessment for the 2014 Bare Steel Replacement Program. This will be the last Risk Assessment report that PSE will send, as all remaining bare steel will be replaced by December 31st 2014.

If you have any questions, please call me at 425-462-3207.

Sincerely,

Cheryl McGrath
Manager of Compliance & Regulatory Audits - Gas

Enc.

cc: Steve Secrist
Booga Gilbertson
Cathy Koch
Jenifer Tada
Harry Shapiro
Duane Henderson

Risk Assessment
Final 2014 projects

UN AREA #	SUB AREA #	Notification #	Prioritization Method	Status	Field Completion Date	Approval Date	BS & W/ Footage	Cumulative Fee	Score /Mile	Planned Replacement Year	Comments	
Footage by Risk Model				65,907	Total 2014 Planned Replacement Footage				65,907			
Cast Iron Coordination Footage				-	Target 2014 Replacement Footage				-			
"Other" Footage				-	Planned versus Target				-			
PI Opportunity Footage				-	Total Non-Program Footage				-			
Field Identified Footage				-	Total 2014 Footage				65,907			
044	2	11017850	Model	design		3/1/2013	1268	92962	0.000	2014	Released to Service Provider	
024	2	11017918	Model	design		3/1/2013	820	93782	0.000	2014	Released to Service Provider	
038	1	11016418	Model	design		3/1/2013	1250	95032	0.000	2014	Released to Service Provider	
158	10	11016431	Model	pmit		6/6/2013	140	95172	2.638	2014	Released to Service Provider	
083	1	11016448	Model	dev		3/1/2013	1920	97092	0.078	2014	Released to Service Provider	
030	6	11017940	Model	design		3/1/2013	110	97202	0.208	2014	Released to Service Provider	
104	12	11016445	Model	design		4/30/2013	1675	98877	0.148	2014	Released to Service Provider	
055	1	11017949	Model	design		3/1/2013	150	99027	0.090	2014	Released to Service Provider	
163	3	11018058	Model	dev		6/6/2013	155	99182	1.068	2014	Released to Service Provider	
016	2	11017932	Model	dev		3/1/2013	1292	100474	0.009	2014	Released to Service Provider	
186	5	11016438	Model	dev		6/27/2013	150	100624	0.076	2014	Released to Service Provider	
156	13	11016441	Model	dev		6/6/2013	175	100799	0.541	2014	Released to Service Provider	
206	1	11016443	Model	design		4/30/2013	100	100899	0.102	2014	Released to Service Provider	
094	2	11017966	Model	pmit		11/9/2012	200	101099	0.057	2014	Released to Service Provider	
198	2	11018107	Model	design		5/14/2013	375	101474	0.017	2014	Released to Service Provider	
124	1	11017797	Model	pmit		9/27/2012	4200	105674	0.003	2014	Released to Service Provider	
138	2	11018065	Model	dev		4/29/2013	100	105774	0.211	2014	Released to Service Provider	
173	30	11017794	Model	dev		6/27/2013	3238	109012	0.058	2014	Released to Service Provider	
135	3	11018014	Model	dev		4/29/2013	1200	110212	0.003	2014	Released to Service Provider	
104	1	11016447	Model	design		4/30/2013	500	110712	0.202	2014	Released to Service Provider	
165	3	11017778	Model	dev		6/27/2013	690	111402	0.053	2014	Released to Service Provider	
134	1	11017800	Model	dev		4/29/2013	950	112352	0.015	2014	Released to Service Provider	
199	3	11018108	Model	dev		5/14/2013	700	113052	0.021	2014	Released to Service Provider	
142	6	11017824	Model	dev			200	113252	0.092	2014	PSE scoping	
210	7	11017841	Model	dev			900	114152	0.013	2014	PSE scoping	
131	7	11017827	Model	pmit		9/18/2012	1500	115652	0.002	2014	Released to Service Provider	
209	3	11017843	Model	pmit		1/31/2013	1021	116673	0.011	2014	Released to Service Provider	
194	2	11017845	Model	dev		5/14/2013	300	116973	0.061	2014	Released to Service Provider	
044	3	11017846	Model	dev		3/1/3012	1200	118173	0.010	2014	Released to Service Provider	

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153	5	11017848	Model	dev			700	118873	0.005	2014	PSE scoping
173	24	11017849	Model	dev		6/27/2013	2000	120873	0.006	2014	Released to Service Provider
050	8	11017861	Model	pmit		41,305	3361	124234	0.002	2014	Released to Service Provider
999	11	11017828	Model	pmit		1/31/2013	2600	126834	0.007	2014	Released to Service Provider
142	7	11017864	Model	dev		4/29/2013	450	127284	0.066	2014	Released to Service Provider
156	36	11017871	Model	design		6/6/2013	85	127369	0.270	2014	Released to Service Provider
158	13	11018054	Model	dev		6/6/2013	700	128069	0.005	2014	Released to Service Provider
014	1	11017914	Model	dev		4/30/2013	626	128695	0.001	2014	Released to Service Provider
086	2	11017916	Model	dev		4/30/2013	684	129379	0.002	2014	Released to Service Provider
999	2	11017823	Model	pmit		1/31/2013	700	130079	0.001	2014	Released to Service Provider
090	3	11017917	Model	dev		2/28/2013	700	130779	0.001	2014	Released to Service Provider
019	9	11017875	Model	pmit		3/14/2012	2800	133579	0.000	2014	Released to Service Provider
019	10	11017875	Model	pmit		3/14/2012	200	133779	0.002	2014	Released to Service Provider
130	12	11017998	Model	pmit		1/31/2013	200	133979	0.000	2014	Released to Service Provider
190	2	11018096	Model	pmit		5/17/2013	700	134679	0.000	2014	Released to Service Provider
190	4	11018096	Model	pmit		5/17/2013	600	135279	0.000	2014	Released to Service Provider
012	5	11017928	Model	dev		4/30/2013	590	135869	0.000	2014	Released to Service Provider
012	6	11017929	Model	dev			450	136319	0.000	2014	PSE scoping
012	7	11017930	Model	dev		4/30/2013	750	137069	0.000	2014	Released to Service Provider
013	1	11017931	Model	dev		4/30/2013	350	137419	0.000	2014	Released to Service Provider
025	8	11017798	Model	design		3/1/2013	525	137944	0.000	2014	Released to Service Provider
029	10	11017939	Model	design		3/1/2013	220	138164	0.000	2014	Released to Service Provider
029	11	11018000	Model	design		3/1/2013	800	138964	0.000	2014	Released to Service Provider
030	7	11017941	Model	design		3/1/2013	140	139104	0.000	2014	Released to Service Provider
031	13	11017943	Model	design		3/1/2013	150	139254	0.000	2014	Released to Service Provider
033	1	11017944	Model	design		3/1/2013	220	139474	0.000	2014	Released to Service Provider
067	1	11017952	Model	dev		12/24/2012	150	139624	0.000	2014	Released to Service Provider
070	4	11017954	Model	dev		2/28/2013	250	139874	0.000	2014	Released to Service Provider
071	5	11017955	Model	design		3/1/2013	300	140174	0.000	2014	Released to Service Provider
084	1	11017958	Model	design		3/1/2013	10	140184	0.000	2014	Released to Service Provider
085	4	11017995	Model	dev		4/30/2013	600	140784	0.000	2014	Released to Service Provider
086	3	11017960	Model	dev		4/30/2013	200	140984	0.000	2014	Released to Service Provider
087	3	11017961	Model	dev		2/28/2013	160	141144	0.000	2014	Released to Service Provider
088	1	11017962	Model	dev		2/28/2013	340	141484	0.000	2014	Released to Service Provider

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091	2	11017963	Model	design		2/28/2013	320	141804	0.000	2014	Released to Service Provider
092	2	11017964	Model	design		2/28/2013	140	141944	0.000	2014	Released to Service Provider
092	3	11017965	Model	design		2/28/2013	160	142104	0.000	2014	Released to Service Provider
096	1	11017967	Model	dev		4/30/2013	500	142604	0.000	2014	Released to Service Provider
103	10	11017983	Model	dev		12/24/2013	439	143043	0.000	2014	Released to Service Provider
104	6	11017985	Model	dev		2/28/2013	214	143257	0.000	2014	Released to Service Provider
104	9	11017959	Model	dev		4/30/2013	400	143657	0.000	2014	Released to Service Provider
104	10	11017986	Model	dev		2/28/2013	200	143857	0.000	2014	Released to Service Provider
135	4	11018016	Model	dev		5/23/2013	220	144077	0.000	2014	Released to Service Provider
140	2	11018019	Model	design		4/29/2013	200	144277	0.000	2014	Released to Service Provider
142	5	11018066	Model	dev		4/29/2013	300	144577	0.000	2014	Released to Service Provider
142	25	11018033	Model	design		4/29/2013	200	144777	0.000	2014	Released to Service Provider
142	28	11018035	Model	design		6/6/2013	200	144977	0.000	2014	Released to Service Provider
153	4	11017848	Model	dev			600	145577	0.000	2014	Released to Service Provider PSE scoping
156	30	11018047	Model	dev		6/6/2013	220	145797	0.000	2014	Released to Service Provider
156	39	11018051	Model	dev		6/6/2013	50	145847	0.000	2014	Released to Service Provider
158	14	11018055	Model	dev		6/6/2013	180	146027	0.000	2014	Released to Service Provider
163	1	11018057	Model	dev		6/6/2013	100	146127	0.000	2014	Released to Service Provider
163	4	11018059	Model	design		6/6/2013	125	146252	0.000	2014	Released to Service Provider
164	3	11017997	Model	dev		4/30/2013	80	146332	0.000	2014	Released to Service Provider
164	4	11018060	Model	design		4/30/2013	65	146397	0.000	2014	Released to Service Provider
165	5	11018061	Model	dev		6/27/2013	250	146647	0.000	2014	Released to Service Provider
173	7	11018067	Model	dev		6/27/2013	400	147047	0.000	2014	Released to Service Provider
173	8	11018068	Model	dev		6/27/2013	400	147447	0.000	2014	Released to Service Provider
173	11	11018071	Model	dev		6/27/2013	450	147897	0.000	2014	Released to Service Provider
173	15	11018072	Model	dev		6/27/2013	300	148197	0.000	2014	Released to Service Provider
173	17	11018073	Model	dev		6/27/2013	250	148447	0.000	2014	Released to Service Provider
173	23	11018074	Model	dev		6/27/2013	900	149347	0.000	2014	Released to Service Provider
173	25	11018075	Model	dev		6/27/2013	104	149451	0.000	2014	Released to Service Provider
173	31	11018078	Model	dev		6/27/2013	20	149471	0.000	2014	Released to Service Provider
173	32	11018079	Model	dev		6/27/2013	20	149491	0.000	2014	Released to Service Provider
179	2	11018081	Model	dev		6/27/2013	200	149691	0.000	2014	Released to Service Provider
179	3	11018082	Model	dev		6/27/2013	50	149741	0.000	2014	Released to Service Provider
186	10	11018088	Model	dev			70	149811	0.000	2014	Released to Service Provider PSE scoping

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186	11	11018089	Model	dev		6/27/2013	1200	151011	0.000	2014	Released to Service Provider
187	3	11018090	Model	dev		5/17/2013	375	151386	0.000	2014	Released to Service Provider
187	24	11018091	Model	dev		5/17/2013	990	152376	0.000	2014	Released to Service Provider
187	26	11018095	Model	dev		6/6/2013	80	152456	0.000	2014	Released to Service Provider
187	28	11017987	Model	dev		5/17/2013	100	152556	0.000	2014	Released to Service Provider
199	1	11018110	Model	dev		5/14/2013	225	152781	0.000	2014	Released to Service Provider
201	5	11018140	Model	design		1/31/2013	100	152881	0.000	2014	Released to Service Provider
203	3	11017942	Model	dev		5/14/2013	150	153031	0.000	2014	Released to Service Provider
204	1	11018038	Model	pmitt		5/14/2013	230	153261	0.000	2014	Released to Service Provider
205	4	11017988	Model	dev		5/14/2013	100	153361	0.000	2014	Released to Service Provider
205	9	11017999	Model	design		5/14/2013	450	153811	0.000	2014	Released to Service Provider
206	4	11018129	Model	dev			500	154311	0.000	2014	PSE scoping
210	4	11018133	Model	dev		4/30/2013	100	154411	0.000	2014	Released to Service Provider
210	6	11018134	Model	dev			350	154761	0.000	2014	PSE scoping
210	8	11018135	Model	dev			250	155011	0.000	2014	PSE scoping
210	9	11018136	Model	design		4/30/2013	100	155111	0.000	2014	Released to Service Provider
210	10	11018137	Model	design		4/30/2013	20	155131	0.000	2014	Released to Service Provider
999	4	11016440	Model	design		1/31/2013	795	155926	0.000	2014	Released to Service Provider
999	5	11017982	Model	pmitt		1/31/2013	900	156826	0.000	2014	Released to Service Provider
999	8	11017826	Model	pmitt		1/31/2013	775	157601	0.000	2014	Released to Service Provider