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WASHINGTON STATE
UTILITY TRANS-
MISSIONMSC-24
P.O. Box 3727
Spokane, WA 99220

8/4/08

Ms. Anne F. Soiza
Pipeline Safety Director
Utilities & Transportation Commission
P.O. Box 47250
Olympia, WA 98504-7250

Re: Proposed Kettle Falls 12" Natural Gas Main – Proximity Considerations

Dear Ms. Soiza,

Pursuant to WAC 480-93-020, Avista Utilities is requesting approval to operate a natural gas pipeline up to 500 psig within 100 ft of existing buildings. Avista is proposing to install approximately 19,500 ft of 12" main from the new Nine Mile Falls Gate Station to the 11400 block of N. Indian Trail Rd. The new main will replace approximately 8,800 ft of existing 8" main from the Indian Trail Gate Stn to 11400 block of N Indian Trail Rd. The existing 8" main was installed in 1972 and has a 500 psig MAOP operating @ 27.3% SMYS. Avista plans to retire the section of 8" not located in public right-of-way (approximately 3,100'), and the portion in right-of-way (approximately 5,700') will operate at intermediate pressure.

The proposed pipeline project will improve public safety around the existing section of 8" Kettle Falls main that is being replaced. The Kettle Falls main serves portions of north Spokane County and north to Kettle Falls, WA. Encroachment due to growth in the North Spokane (Indian Trail) area has made maintenance and/or replacement of the existing pipeline facilities challenging and/or impossible. Relocation of the main is necessary to ensure continued safe and reliable operation of this pipeline segment.

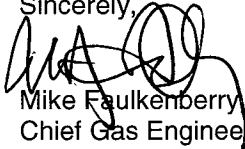
The new main will reduce overall public exposure related to proximity considerations, operate at a lower percent SMYS, and be constructed of pipe with improved mechanical properties and a heavier wall thickness. The number of buildings within the 100' proximity buffer of the proposed pipeline will be 25. There are currently 88 buildings within 100' of the existing 8" main that is to be replaced. In addition, the number of buildings within the proximity buffer will have an improved setback distance. Refer to the enclosed pipeline drawing and summary of buildings located within 100 ft of the proposed and existing routes.

Avista's proposed route represents the best possible alternative based upon public exposure, terrain, road right-of-ways, and existing easements. Approximately 9,800 ft of the project will be located within existing Avista easements or on land owned by Avista. In the majority of this section, the main will be 95 ft from the property line. Taking set-backs into account, this should preclude the construction of any future buildings within 100 ft. The remainder of the pipe will be installed within the Washington State DOT Right of Way of Hwy 291 in accordance with their location restrictions and right of way conditions.

The pipe specification for the new main will be 12.75" O.D., 0.312" W.T., API-5L Gr. X-52, operating at 19.7% SMYS at 500 psig. The high pressure main will be installed in accordance with industry and Avista standards. To ensure a higher level of integrity and confidence, Avista will test the pipe at a pressure in excess of the 1.5 x MAOP required by standards. Additionally, the pipe will have 42" of cover, more than the 36" required.

I look forward to your approval of this project. Should you have further questions regarding this request I can be reached at 509-495-8499.

Sincerely,



Mike Faulkenberry PE
Chief Gas Engineer

/jaw

cc: File

/attachments:

- Buildings within 100' of the proposed 12" HP Kettle Falls Main
- Buildings within 100' of existing 8" HP Kettle Falls main that is to be retired, or reduced in pressure
- Drawings E-36884, Kettle Falls 12" HP Gas Main

BUILDINGS WITHIN 100 FT OF THE PROPOSED 12" HP KETTLE FALLS MAIN

DATE: 08-04-2008

#	SITE ADDRESS	HOMEOWNER NAME	HOMEOWNER ADDRESS, IF DIFFERENT	PARCEL ID	TYPE OF BUILDING	DISTANCE FROM PIPELINE	NOTES
1	8220 N LEMON LANE	ROSEMARY FLEMING	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0615	DUPLEX	55	CONDO
2	8222 N LEMON LANE	CAROL NOLAN	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0615	DUPLEX	60	CONDO
3	8312 N LEMON LANE	DENTON MCFARLIN	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0612	DUPLEX	60	CONDO
4	8314 N LEMON LANE	RAYMOND IDEUS	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0615	DUPLEX	60	CONDO
5	8320 N LEMON LANE	THOMAS MAGEE	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0615	DUPLEX	65	CONDO
6	8318 N LEMON LANE	JUDY MILLER	RIVER PARK ESTATES CONDOS HOA, 8308 N LEMON LN, NINE MILE FALLS, 99026	26214.0615	DUPLEX	85	CONDO
7	6806 W PARKWAY RD	STEVE EMERY		26213.1120	HOME	70	
8	8527 N NINE MILE RD	EDITH FERGUSON		26213.0513	HOME	75	
9	8805 N NINE MILE RD	DARRIN WITTKOPP		26212.0615	HOME	90	
10	6814 W BURGHWOOD AVE	GERALD BOLLES		26212.2408	SHOP	65	SHOP OR HOUSE?
11	6813 W DOGWOOD	ANATOLY BUDMIR		26212.2401	HOME	95	
12	6816 W DOGWOOD	HAROLD MALMSTEN		26212.2301	SHED	85	
13	6811 W JOHANNSEN AVE	WILLIAM ANDERSON		26212.2801	HOME	75	
14	6806 W JOHANNSEN AVE	CLANCY BEAN		26163.0101	HOME	25	
15	RT. 1 NINE MILE RD	SUNDANCE GOLF COURSE	8426 N PINE MEADOWS LN, NINE MILE FALLS, 99026	26163.9028	SHOP	20	SOUTH-WESTERN SHOP
16	RT. 1 NINE MILE RD	SUNDANCE GOLF COURSE	8426 N PINE MEADOWS LN, NINE MILE FALLS, 99026	26163.9028	SHOP	50	SOUTH-EASTERN SHOP
17	7003 W KENDICK AVE	GREG OSTLIE		26163.0401	HOME	25	
18	7010 W KENDICK AVE	MARVIN JONES		26163.0301	HOME	30	
19	7205 W RIDGECREST AVE	JAMIE COX		26162.0804	HOME	40	
20	7212 W RIDGECREST AVE	CAMERON PRESTON		26162.0701	HOME	80	
21	10304 N BONNIE CT	DAVID SPRECHER	3327 W INDIAN TRIAL RD #154, SPOKANE, 99208	26162.0702	GARAGE	60	
22	10310 N BONNIE CT	ERIC SLEETH		26162.0703	HOME	95	
23	10316 N BONNIE CT	DUSTIN RIPPY		26162.0704	HOME	85	
24	10324 N BONNIE CT	DENNIS ST ANDRIDGE		26162.0705	HOME	95	
25	10915 N NINE MILE RD	JENNIFER MORPHIS		26171.9004	SHED	65	

BUILDINGS WITHIN 100 FT. OF THE EXISTING 8" HP KETTLE FALLS MAIN THAT IS TO BE RETIRED OR REDUCED IN PRESSURE

DATE: 08-04-2008

SITE ADDRESS, 99208	HOMEOWNER NAME	HOMEOWNER ADDRESS, IF DIFFERENT	PARCEL ID	TYPE OF BNCE FROM PIPELIN NOTES		
1 9110 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3116	SHED	2	
2 9110 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3116	HOME	67	
3 9114 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3117	HOME	66	
4 9118 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3118	HOME	86	
5 9202 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3119	HOME	57	
6 9206 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3120	HOME	78	
7 9210 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3112	HOME	78	VACANT ON ORTHO
8 9214 SUNDANCE DR	BLACKSTONE HOMES	1421 N MEADOWS LN #200, LIBERTY LAKE, 99019	26211.3113	HOME	83	VACANT ON ORTHO
9 6003 W SHAWNEE AVE	JOSHUA CLARK	4728 N JEFFERSON, SPOKANE 99205	26164.0101	HOME	66	
10 5907 W SHAWNEE AVE	JOHN MARGER		26153.1601	HOME	26	
11 5901 W SHAWNEE AVE	TERRENCE DOYLE		26153.1602	HOME	47	
12 5815 W SHAWNEE AVE	JAMES HALEY		26153.1603	GARAGE	23	
13 5815 W SHAWNEE AVE	JAMES HALEY		26153.1603	HOME	66	
14 5811 W SHAWNEE AVE	R & V ZIMMERMAN		26153.1604	HOME	13	
15 5807 W SHAWNEE AVE	LORI WILSON		26153.1605	HOME	36	
16 5715 W SHAWNEE AVE	COREY TURMAN		26153.1608	HOME	48	
17 5707 W SHAWNEE AVE	SAMUEL DAVIS		26153.1609	HOME	21	
18 5701 W SHAWNEE AVE	V & S THORNSBERRY		26153.1610	HOME	67	
19 5619 W SHAWNEE AVE	MARY RIDGEWAY		26153.1611	HOME	34	
20 5615 W SHAWNEE AVE	SHAWN KING		26153.1612	HOME	41	
21 5611 W SHAWNEE AVE	SHARON SULLIVAN		26153.1613	SHED	4	
22 5611 W SHAWNEE AVE	SHARON SULLIVAN		26153.1613	HOME	40	
23 5607 W SHAWNEE AVE	ELISSA MATTSON		26153.1501	HOME	7	
24 5523 W SHAWNEE AVE	JOHN SAVILLE		26153.0113	HOME	15	
25 5517 W SHAWNEE AVE	RICHARD SPARKS		26153.0112	HOME	33	
26 5509 W SHAWNEE AVE	ARLEE PETERSON	PO BOX 9003, SPOKANE, 99209	26153.0111	HOME	47	
27 5423 W SHAWNEE AVE	DENNIS SDAO		26153.0110	SHED	0	
28 5423 W SHAWNEE AVE	DENNIS SDAO		26153.0110	HOME	50	
29 5420 GARAGES	MORNING SIDE	815 E ROSEWOOD AVE	26222.0133	GARAGE	15	GARAGE UNITS FOR
30 5417 W SHAWNEE AVE	SCOTT BARRICK		26153.0109	SHED	0	
31 5417 W SHAWNEE AVE	SCOTT BARRICK		26153.0109	HOME	34	
32 5411 W SHAWNEE AVE	FRANKIE LEE		26153.0108	HOME	24	
33 5327 W SHAWNEE AVE	DALE HIMELSPACH		26153.0806	HOME	94	
34 5412 W SHAWNEE AVE	ETUX SCHULER		26153.0208	HOME	28	
35 5330 W SHAWNEE AVE	JOHN FROHLICH	5027 W PROSPERITY LN, SPOKANE,	26153.0724	SHED		
36 9615 N INDIAN TRAIL RD	MELVIN WHITE	723 E PARKHILL DR, SPOKANE, 99208	26153.0229	DUPLEX	31	DUPLEX W/ 9617
37 5329 W BENTWOOD CT	LW DAVENPORT		26153.0716	DUPLEX		
38 9621 N INDIAN TRAIL RD	SANDSTROM LIVING TRUST	9623 N INDIAN TRAIL RD, SPOKANE, 99208	26153.0228	DUPLEX	31	DUPLEX W/ 9623

BUILDINGS WITHIN 100 FT OF THE EXISTING 8" HP KETTLE FALLS MAIN THAT IS TO BE RETIRED OR REDUCED IN PRESSURE

39	5324 W BENTWOOD CT	EDWIN MACK			26153.0715	DUPLEX	26	DUPLEX W/ 9629
40	9627 N INDIAN TRAIL RD	A & L GILLES	10806 W OLSON RD, NINE MILE FALLS,		26153.0227	DUPLEX	26	DUPLEX W/ 9629
41	5325 W BAYWOOD CT	GREG KREIN			26153.0709	DUPLEX	26	DUPLEX W/ 9707
42	9705 N INDIAN TRAIL RD	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0232	DUPLEX	31	DUPLEX W/ 9715
43	9711 N INDIAN TRAIL RD	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0231	DUPLEX	31	DUPLEX W/ 9715
44	5329 W BAYWOOD CT	E J KUPERS			26153.0708	DUPLEX	31	DUPLEX W/ 9721
45	9719 N INDIAN TRAIL RD	WILLIAM NOTTLE			26153.0230	SHED	96	
46	5324 W BAYWOOD CT	RODNEY MAHLKE			26153.0707	SHED	96	
47	5415 W NAVAHO AVE	HAROLD BORRHEMAN			26153.0201	DUPLEX	31	DUPLEX W/ 5417
48	5329 W NAVAHO AVE	MIKE BOWCUTT			26153.0701	HOME	96	
49	5412 W NAVAHO AVE	STEVEN PAYNE			26153.0533	DUPLEX	28	DUPLEX W/ 5416
50	5328 W NAVAHO AVE	STEVEN STEWART			26153.0611	HOME	99	
51	9811 N INDIAN TRAIL RD	GREG HUHMANN	5511 W RIFLE CLUB RD, SPOKANE, 99208		26153.0540	DUPLEX	29	DUPLEX W/ 9815
52	5325 W GARWOOD CT	LARRY KNIGHT			26153.0605	DUPLEX	29	DUPLEX W/ 9821
53	9819 N INDIAN TRAIL RD	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0542	DUPLEX	29	DUPLEX W/ 9821
54	5329 W GARWOOD CT	GF PETERS			26153.0604	SHOP	90	
55	9825 N INDIAN TRAIL RD	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0541	DUPLEX	29	DUPLEX W/ 9827
56	9905 N INDIAN TRAIL RD	K W WOLVERTON			26153.0541	DUPLEX	29	DUPLEX W/ 9909
57	9911 N INDIAN TRAIL RD	ALAN GILLES	10806 W OLSON RD, NINE MILE FALLS,		26153.0537	DUPLEX	29	DUPLEX W/ 9915
58	9919 N INDIAN TRAIL RD	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0535	DUPLEX	28	DUPLEX W/ 9923
59	5505 W COMANCHE AVE	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0534	DUPLEX	27	DUPLEX W/ 9923
60	5504 W COMANCHE AVE	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.0530	DUPLEX	26	DUPLEX W/ 5507
61	5605 W CREE CT	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.1208	DUPLEX	14	DUPLEX W/ 5506
62	5604 W CREE CT	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.1207	DUPLEX	12	DUPLEX W/ 5607
63	5801 W LONEWOLF AVE	TOM ERRENBACH	17623 N MEADOWBROOK RD, COLBERT,		26153.2004	DUPLEX	11	DUPLEX W/ 5606
64	5801 W LONEWOLF AVE	TOM ERRENBACH			26153.2008	SHED	7	
65	5802 W LONEWOLF AVE	JEFF ETUX			26153.2008	HOME	44	
66	5801 W RIDGECREST DR	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.2007	HOME	51	
67	5808 W RIDGECREST DR	T G PROPERTIES	17623 N MEADOWBROOK RD, COLBERT,		26153.2001	DUPLEX	9	DUPLEX W/ 5803
68	10306 N MOORE CT	PAT PAUL			26153.2101	DUPLEX	14	DUPLEX W/ 5810
69	10409 N RUSSETT DR	MATHEW JOHNSON			26152.0204	HOME	26	
70	10409 N RUSSETT DR	MATHEW JOHNSON			26152.0204	HOME	54	
71	10310 N MOORE CT	SCHENACH ETUX			26152.0421	HOME	52	
72	10415 N RUSSETT DR	GARRY LUDSCHER			26152.0205	HOME	87	
73	10314 N MOORE CT	RUSSELL KRUPKE			26152.0420	SHED	87	
74	10501 N RUSSETT DR	NANCY HULL			26152.0206	HOME	96	
75	10505 N RUSSETT DR	EARL HOOPER			26152.0207	SHOP	49	
76	10505 N RUSSETT DR	EARL HOOPER			26152.0207	HOME	51	
77	10505 N RUSSETT DR	EARL HOOPER			26152.0207	SHED	4	
78	10509 N RUSSETT DR	SPENCER SOWL	8415 N JEFFERSON DR, SPOKANE, 99208		26152.0208	HOME	47	
79	5906 W CHIPPEWA CT	TREASE LIVING TRUST			26152.0405	SHED	90	
80	10511 N RUSSETT DR	STEVEN BEEBE			26152.0209	HOME	41	
81	10511 N RUSSETT DR	STEVEN BEEBE			26152.0209	SHED	28	
82	10515 N RUSSETT DR	MARTIN SCOFIELD			26152.3101	HOME	32	
83	10609 N QUINCY CT	ROBERT NIEHENKE			26152.3103	SHOP	16	
84	10609 N QUINCY CT	ROBERT NIEHENKE			26152.3103	HOME	30	
85	10614 N QUINCY CT	HENRY MENDOZA			26152.3104	HOME	36	
86	5657 W BEDFORD AVE	CONNIE & ANITA BURNETT			26152.0901	HOME	9	
87	5657 W BEDFORD AVE	CONNIE & ANITA BURNETT			26152.0901	SHED	71	
88	5649 W BEDFORD AVE	LEONARD RENNER			26152.0902	HOME	92	