

**AVISTA CORP.  
RESPONSE TO REQUEST FOR INFORMATION**

JURISDICTION:	WASHINGTON	DATE PREPARED:	04/25/2014
CASE NO:	UE-140188 & UG-140189	WITNESS:	Joseph Miller
REQUESTER:	Public Counsel	RESPONDER:	Kellee Quick/Neil Thorson
TYPE:	Data Request	DEPT:	Utility Accounting/Operations
REQUEST NO.:	PC-161	TELEPHONE:	(509)495-2893(509)495-4776
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**REQUEST:**

**Re: Joseph D. Miller Workpapers, Nos. JDM-G-44 through JDM-G-46.**

Please provide all source documents, workpapers, spreadsheets, and analyses, etc. that support the determinations of the “Current Price” for each of the Mains by Pipe Size and Material Code.

**RESPONSE:**

The workpaper used to identify the current price of mains is the Fixed Asset Property Retirement Notice (FAPRN) unit price report for 2012 provided in the workpapers on page JDM-G-46. This document is the retirement unit cost report determined annually by plant accounting/fixed assets with the current period total costs of the specified items transferred to plant divided by the current period units installed. These values are prepared for use in the fixed asset system when the specified plant units from a given vintage year are retired. Please see the attachment labeled “PC\_DR\_161 Attachment A” for the calculations of the 2012 unit prices.

There are many main sizes still in service from installations over time that are not commonly chosen for installation today, consequently, the price of the pipe size that would be installed today is used on the feet of pipe in service of the older sizes where no current unit price is available.

# 2012 GAS UNIT COSTS AVISTA UTILITIES

## HANDY-WHITMAN INDEX

10 10 10 11 11 12 12 13  
Jan'10 Jul'10 Jan'11 Jul'11 Jan'12 Jul'12 Jan'13

682 711 757 774 870 863 862  
491 491 499 506 524 531 532  
573 583 608 616 662 661 665  
529 529 544 547 565 569 575

1.0891339 MAINS STEEL  
1.0407862 MAINS PLASTIC  
1.0587530 SVS STEEL  
1.0340445 SVS PLASTIC

yellow is input area

Wash. & Idaho MAIN	Ret. Code	TYPE	SIZE	TYPE	FEET	2011		2012		%	2012		2012 COST/FT
						EST COST/FT	ADJ. FACTOR	EST COST	EST COST		ADDITIONS		
	17004	3/4"	PE		14.23	1.0407862	14.81	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17006	3/4"	STL		20.80	1.0891339	22.65	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17016	1 1/4"	PE		14.23	1.0407862	14.81	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17017	1 1/4"	STL		14.71	1.0891339	16.02	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17020	2"	PE	37,453	24.07	1.0407862	25.06	\$938,424.14		.27637	\$2,029,770.46	\$54.20	\$54.20
	17025	2"	STL	0	19.01	1.0891339	20.70	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17030	3"	PE	0	17.75	1.0407862	18.47	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17040	4"	PE	0	28.46	1.0407862	29.62	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17045	4"	STL	0	33.95	1.0891339	36.98	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17060	6"	PE	42,436	43.12	1.0407862	44.88	\$1,904,604.29		.56092	\$4,119,575.95	\$97.08	\$97.08
	17065	6"	STL	15,576	32.57	1.0891339	35.47	\$552,479.32		.16271	\$1,194,988.66	\$76.72	\$76.72
	17085	8"	STL	0	55.03	1.0891339	59.94	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	17125	12"	STL	0	1087.24	1.0891339	1184.15	\$0.00		.00000	\$0.00	\$0.00	\$0.00
				95,465				\$3,395,507.75		1.00000	\$7,344,335.07		
Wash. & Idaho SERVICE	18000	1/2"	PE		11.52	1.0340445	11.92	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18004	3/4"	PE	215,615	11.64	1.0340445	12.04	\$2,595,151.13		.99511	\$5,532,251.57	\$25.66	\$25.66
	18006	3/4"	STL	0	15.96	1.0587530	16.89	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18016	1 1/4"	PE		12.18	1.0340445	12.60	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18017	1 1/4"	STL(1)		17.91	1.0587530	18.97	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18020	2"	PE	82	12.74	1.0340445	13.17	\$1,080.22		.00041	\$2,302.78	\$28.08	\$28.08
	18025	2"	STL	548	19.20	1.0587530	20.33	\$11,141.90		.00427	\$23,751.90	\$43.34	\$43.34
	18030	3"	PE	0	19.82	1.0340445	20.49	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18040	4"	PE	24	21.70	1.0340445	22.44	\$538.62		.00021	\$1,148.21	\$47.84	\$47.84
	18045	4"	STL	377	33.74	1.0587530	35.73	\$13,469.28		.00516	\$28,713.34	\$76.16	\$76.16
	18060	6"	PE	0	17.78	1.0340445	18.39	\$0.00		.00000	\$0.00	\$0.00	\$0.00
	18065	6"	STL	85	26.42	1.0587530	27.98	\$2,378.05		.00091	\$5,069.43	\$59.64	\$59.64
	18085	8"	STL	0	1258.18	1.0587530	1332.10	\$0.00		.00000	\$0.00	\$0.00	\$0.00
				216,731				\$2,607,911.87		1.00000	\$5,559,454.46		