

Avista Corp.
1411 East Mission PO Box 3727
Spokane, Washington 99220-3727
Telephone 509-489-0500
Toll Free 800-727-9170



October 12, 2007

Public Utility Commission of Oregon
Attn: Filing Center
PO Box 2148
Salem, OR 97308-2148

RE: Petition of Avista Corporation

Enclosed for filing with the Commission is the Company's Petition Requesting Authority to Revise its Book Depreciation Rates.

Please direct any questions regarding this filing to Liz Andrews at (509) 495-8601.

Sincerely,

A handwritten signature in cursive script that reads "Kelly Norwood".

Kelly O. Norwood
Vice President, State and Federal Regulation

Enclosure

c: See attached service list

CERTIFICATE OF SERVICE

I **HEREBY CERTIFY** that I have this day served a Depreciation Study of Avista Utilities', a division of Avista Corporation, upon the parties listed below by mailing a copy thereof, postage prepaid and/or by electronic mail.

Mr. Edward Finklea
Cable Huston Benedict
Haagensen & Lloyd, LLP
1001 SW 5th, Suite 2000
Portland, OR 97204-1136
efinklea@chbh.com

Citizens' Utilities Board
610 SW Broadway, Suite 308
Portland, OR 97205-3404
Jason@OregonCUB.org
Bob@OregonCUB.org
Lowrey@OregonCUB.org

Ms. Paula Pyron
Executive Director
Northwest Industrial Gas Users
4113 Wolfberry Court
Lake Oswego, OR 97035
ppyron@nwigu.org

I declare under penalty of perjury that the foregoing is true and correct.

Dated at Spokane, Washington this 11th day of October 2007.



Patty Olsness
Rates Coordinator

1 **BEFORE THE PUBLIC UTILITY COMMISSION**
2 **OF OREGON**

3 In the Matter of the Petition)
4 of AVISTA CORPORATION, dba) Docket UM _____
5 AVISTA UTILITIES, Requesting Authority)
6 to Revise its Book Depreciation Rates) Petition of AVISTA CORP.
7

8 In accordance with ORS 757.140 and OAR 860-013-020, Avista Corporation,
9 doing business as Avista Utilities (hereinafter Avista, Company or Applicant), files a
10 depreciation study the Public Utility Commission of Oregon (hereinafter PUC or
11 Commission) and respectfully requests an order authorizing Avista to revise its book
12 depreciation rates. In support of this Petition, Avista provides the following information.

13 **I. INTRODUCTION**

14 Avista requests authorization to revise its book depreciation rates consistent with
15 the results of a study recently undertaken by the Company. The study provided an update
16 of book depreciation rates. That study shows that the annual depreciation expense on the
17 Company's books should be reduced by approximately \$3.1¹ million based on the average
18 service life rates of gas plant in service as of December 31, 2006. Accordingly, Avista
19 requests authorization to revise its depreciation rates to reflect this \$3.1 million decrease
20 in book depreciation expense.

21 Avista acquired and began operating the Oregon natural gas utility assets and the
22 allocated service territory of the CP National Corporation in September 1991. At that
23 time, Avista assumed the depreciation rates that had been in effect and continues to use
24 these rates today.

¹ Exhibit A includes computation of adjustment.

1 community served in the area is Spokane, Washington, which is the location of the
2 corporate headquarters.

3 **Communication regarding this petition should be addressed to:**

David J. Meyer, Esq.
Chief Counsel for Regulatory and
Governmental Affairs
Avista Corporation
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Spokane, Washington 99220-3727
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Kelly Norwood
Vice President, State and Federal
Regulation
Avista Corporation
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5 **III. OBJECTIVE OF THE DEPRECIATION STUDY**

6 Avista hired Gannett Fleming, Inc. to undertake a depreciation study of its
7 depreciable electric, gas and common plant in service as of December 31, 2004. The
8 objective of this assignment was to recommend depreciation rates to be utilized by Avista
9 for accounting and ratemaking purposes. Additional work papers including the detailed
10 Depreciation Study (for common and gas properties) prepared by Gannett Fleming, Inc.
11 are included with the Company filing.

12 The primary outcome of a depreciation study is to calibrate annual depreciation
13 expense accruals and depreciation rates by utility plant families. Continued review and
14 periodic revisions are normally required to maintain continued use of appropriate annual
15 depreciation accrual rates with the goal of balancing the remaining plant investment on
16 the Company's balance sheet with the remaining life of the assets. An assumption that
17 accrual rates can remain unchanged over a long period of time implies a disregard for the
18 inherent variability in service lives and salvage and for the change of the composition of

1 property in service. The annual accrual rates proposed in this filing were calculated in
2 accordance with the straight-line remaining life method of depreciation using the average
3 service life procedures based on estimates which reflect considerations of historical
4 evidence and expected future conditions.

5 New depreciation rates are being proposed in this filing because accounting
6 theory requires matching of expenses with either consumption or revenues to ensure that
7 financial statements reflect results of operations as accurately as possible. The matching
8 principle of financial accounting is often referred to as the “cause and effect” principle.
9 Because utility revenues are determined through regulation, changes in asset
10 consumption are not automatically reflected in revenues until regulated revenues are
11 adjusted to reflect the changes in asset consumption. Consumption of utility assets must
12 be measured directly by conducting a book depreciation study to accurately determine
13 mortality characteristics. Matching is an element of regulatory philosophy that addresses
14 intergenerational equity. Intergenerational equity means costs are borne by the
15 generation of customers that caused them to be incurred, not by a later generation. This
16 matching concept is one principle that can be used to ensure that charges to customers
17 reflect the actual costs of providing service. Also, proper matching of costs and revenues
18 related to group (mass) asset consumption will provide for not only sufficient recovery of
19 existing assets in service, but also provide for a mechanism to fund replacements of
20 retired assets on a timely basis, thus reducing rate impacts by way of limiting “catch-up”
21 adjustments in future depreciation studies.

22 The depreciation study consisted of the following processes:

1 1) Life Analysis consisting of statistical historical retirement experience and an
2 evaluation of the applicability of that experience to surviving property.

3 2) Net Salvage Analysis consisting of a study of salvage value and cost of
4 removal experience and an evaluation of the applicability of that experience to surviving
5 property.

6 3) Determination of the average service lives, the retirement dispersion by Iowa-
7 type curves for Distribution and General Plant, and the net salvage factors applicable to
8 surviving property for all categories of plant.

9 4) Determination of the depreciation accrual rates applicable to each plant group,
10 recognizing the results of the previous three processes, and a comparison with the
11 existing rates.

12 Historical retirements were used as a basis for the actuarial method of Life
13 Analysis. This statistical analysis can be performed since the vintage of retired and
14 surviving property is known. Generally, retirement data for the years 1989-2004 were
15 used in the actuarial life computations. From this, original survivor curves were visually
16 and statistically fitted to Iowa-type survivor curves².

17 The salvage and cost of removal ratios that are proposed by the Company were
18 based upon actual salvage and cost of removal experience from 1983 through 2004.
19 Salvage and cost of removal factors were developed for each property group by dividing
20 salvage and cost of removal amounts by the original cost of the retired property. Since

² Iowa Curves represent frequency dispersion of retirements identified by a simple nomenclature. The nomenclature is a combination of a letter and a number, the letter refers to the shape of the retirement dispersion, whereas, the number represents the concentration of retirements near the average service life. For example, an "L" curve has the majority of retirements occurring prior to the average service life or to the left of the mean. An "R" curve has the majority of retirements occurring after the average service life or to the right of the mean. An "S" curve is symmetrical to the mean or average service life.

1 the average dollar age of retirements of plant is young relative to the expected age of
2 surviving property at retirement, this results in overstating salvage factors and
3 understating the cost of removal factors applicable to surviving property, if history serves
4 as the sole basis for net salvage determination. From this, salvage factors would be
5 overstated because young property retirements are more likely to have a salvage value
6 than older reused items. In addition, cost of removal factors are understated because the
7 amount of inflation reflected in the cost to remove young property is much less than the
8 amount that will be reflected in the cost to remove the surviving property when it is
9 retired. The average age of original installations at retirement is equal to the average
10 service life, meaning that the average age of surviving property at retirement will be
11 higher than the average service life and much higher than the age of current retirements.
12 Reaction to this situation resulted in an inflation adjustment to historical cost of removal
13 ratios.

14 **IV. SUMMARY OF ADJUSTMENT**

15 The Study updates the Company's book depreciation accrual rates based on all
16 plant in service as of December 31, 2006. The results of the Study show that the
17 Company's current annual depreciation expense for its Oregon jurisdiction should be
18 decreased by approximately \$3.1 million in order to set the depreciation accrual rates at
19 the most appropriate level for assets in place as of December 31, 2006. This
20 recommended change is necessary to update asset lives and existing depreciation accrual
21 rates, which are based on a depreciation study performed prior to 1991.

1 Following is a table that shows a summary of the existing rates and the
2 recommended rates (Exhibit A shows the detail by FERC account.)

<u>Functional Gas Group</u>	<u>Depreciation Rates</u>	
	<u>Existing %</u>	<u>Recommended %</u>
Distribution Plant	3.73	1.82
General Plant	5.08	5.44

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9 The composite rate for gas property under the study changed from 3.76% to
10 1.89%. As a group, life changes were mostly increases. Net salvage changes were
11 mostly decreases due to decreased salvage and increased cost of removal. The
12 relationship of increased asset life and net salvage decreases is expected due to the fact
13 that cost of removal is sensitive to price level changes that reflect labor costs, while the
14 salvage value of an asset will inherently decrease as its age increases.

15 By utilizing the new rates recommended in the study and applying them to system
16 gas plant monthly average balances for the twelve months ended December 31, 2006,
17 depreciation expense decreased by approximately 47.2%.

18 The reduced depreciation expense would decrease Avista's Oregon cost of service
19 by approximately \$3.1 million (pre-tax), with a corresponding decrease in Avista's
20 revenue requirement.

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V. REQUEST FOR APPROVAL

WHEREFORE, the Applicant respectfully requests the Public Utility Commission of Oregon to enter a written order authorizing approval of the proposed depreciation rates as described in this Petition. Avista requests that the new depreciation rates be approved to be implemented coincident with the effective date of the new general rates resulting from Avista's general rate case filing dated October 12, 2007.

Dated at Spokane, Washington this 10th day of October 2007.

Respectfully submitted,
AVISTA CORPORATION

By  _____
David J. Meyer
Chief Counsel for Regulatory and Governmental Affairs

VERIFICATION

STATE OF WASHINGTON)
County of Spokane)

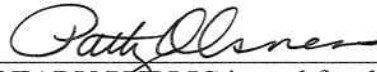
David J. Meyer, being first duly sworn on oath, deposes and says: That he is Chief Counsel for Regulatory and Governmental Affairs of Avista Corporation and makes this verification for and on behalf of said corporation, being thereto duly authorized;

That he has read the foregoing Petition, knows the contents thereof, and believes the same to be true.

 _____

SIGNED AND SWORN to before me this 10th day of October 2007, by David J. Meyer.





NOTARY PUBLIC in and for the State of
Washington, residing at Spokane.

Commission Expires: 2/22/10

EXHIBIT A

AVISTA UTILITIES
Pro Forma Depreciation Adjustment - Electric Gas
For the Year Ended December 31, 2006

	2006 Deprec. at Existing Rate	2006 Deprec. at Proposed Rate	Pro Forma Adjustment
Production Plant	1,244	3,645	2,401
Distribution Plant	6,078,824	2,956,963	(3,121,861)
General Plant - Direct	169,934	182,019	12,085
Transportation Plant - Direct	3,369	3,399	30
General Plant-See Allocation WS	330,858	331,990	1,132
TOTAL GAS PLANT	6,584,229	3,478,016	(3,106,213)
DEFERRED TAX IMPACT @ 35%			<u>(1,087,174)</u>

OR Accumulated Depreciation/Deferred Tax Impact:

	Accumulated Depecciation Balance	Deferred FIT Balance
Dec-05	0	0
Jan-06	(258,851)	(90,598)
Feb-06	(517,702)	(181,196)
Mar-06	(776,553)	(271,794)
Apr-06	(1,035,404)	(362,391)
May-06	(1,294,255)	(452,989)
Jun-06	(1,553,106)	(543,587)
Jul-06	(1,811,957)	(634,185)
Aug-06	(2,070,808)	(724,783)
Sep-06	(2,329,659)	(815,381)
Oct-06	(2,588,510)	(905,979)
Nov-06	(2,847,362)	(996,577)
Dec-06	(3,106,213)	(1,087,175)
Average of Monthly Average	<u>(1,553,106)</u>	<u>(543,587)</u>

AVISTA UTILITIES
 Pro Forma Depreciation Adjustment - Electric Gas
 For the Year Ended December 31, 2006

2006 Actual Depreciation

Utility Code	System	Electric	Gas-North	Gas-South
0	3,128,561	3,128,561	-	-
7	3,669,461	2,698,558	674,557	296,346
8	114,601	-	80,089	34,512
9	1,080,269	866,354	213,915	-
Total	7,992,892	6,693,473	968,561	330,858

0	100.000%	100.000%	0.000%	0.000%
7	100.000%	73.541%	18.383%	8.076%
8	100.000%	0.000%	69.885%	30.115%
9	100.000%	80.198%	19.802%	0.000%

2006 Proposed Depreciation at Updated Rates

Utility Code	System	Electric	Gas-North	Gas-South
0	2,071,957	2,071,957	-	-
7	3,779,431	2,779,431	694,773	305,227
8	88,870	-	62,107	26,763
9	846,716	679,050	167,667	-
Total	6,786,974	5,530,438	924,547	331,990

0	100.000%	100.000%	0.000%	0.000%
7	100.000%	73.541%	18.383%	8.076%
8	100.000%	0.000%	69.885%	30.115%
9	100.000%	80.198%	19.802%	0.000%

2006 Actual Amortization

Utility Code	System	Electric	Gas-North	Gas-South
0	1,788,902	1,788,902	-	-
1 & 2	59,615	-	59,615	-
7	2,328,034	1,712,059	427,962	188,012
8	142,566	-	99,632	42,934
9	21,063	16,892	4,171	-
Total	4,340,180	3,517,853	591,380	230,946

0	100.000%	100.000%	0.000%	0.000%
7	100.000%	73.541%	18.383%	8.076%
8	100.000%	0.000%	69.885%	30.115%
9	100.000%	80.198%	19.802%	0.000%

AVISTA UTILITIES
Pro Forma Depreciation Adjustment - Electric Gas
For the Year Ended December 31, 2006

Account Number	[1] Description	[2] 2006 Avg. Balance \$	[3] Existing Rate %	[4] Existing Annual Deprec. \$	[5] Study Rate %	[6] Proposed Annual Deprec. \$	[7] Increase or (Decrease) \$
COMMON PLANT							
GENERAL PLANT Utility 7							
390.1	Structures & Improvements	25,112,759	1.86	465,996	1.85	464,586	(1,410)
391.0	Office Furniture & Equipment	6,332,392	4.56	289,007	9.62	609,176	320,169
391.1	Computer Equipment	10,587,875	20.56	2,176,513	19.83	2,099,576	(76,937)
391.7	Office Furniture & Equipment-Lease	3,106,109	4.53	140,707	3.70	114,926	(25,781)
394.0	Tools, Shop & Garage Equipment	607,942	4.50	27,378	4.25	25,838	(1,540)
395.0	Laboratory Equipment	90,732	3.46	3,140	3.27	2,967	(173)
397.0	Communication Equipment	4,566,930	9.76	445,689	7.24	330,646	(115,043)
397.2	Communication Equipment-Portable	34,574	11.51	3,980	7.80	2,697	(1,283)
397.7	Communication Equipment-Lease	515,853	9.82	50,657	9.84	50,760	103
398.0	Miscellaneous Equipment	614,070	3.72	22,836	7.28	44,704	21,868
	Total	<u>51,569,236</u>		<u>3,625,903</u>		<u>3,745,875</u>	<u>119,972</u>
GENERAL PLANT Utility 9							
389.3	Removing Property of Others	25,277	2.68	677	1.16	293	(384)
389.4	Land Easements	39,787	2.68	1,066	3.15	1,253	187
390.1	Structures & Improvements	8,340,853	2.01	167,757	1.85	154,306	(13,451)
393.0	Stores Equipment	950,549	2.41	22,907	3.22	30,608	7,701
394.0	Tools, Shop & Garage Equipment	356,632	4.50	16,042	4.25	15,157	(885)
395.0	Laboratory Equipment	767,259	3.34	25,629	3.27	25,089	(540)
397.0	Communication Equipment	7,026,217	9.82	690,073	7.24	508,698	(181,375)
397.2	Communication Equipment-Portable	910,752	11.54	105,125	7.80	71,039	(34,086)
398.0	Miscellaneous Equipment	20,615	3.73	768	7.28	1,501	733
	Total	<u>18,437,941</u>		<u>1,030,044</u>		<u>807,944</u>	<u>(222,100)</u>
TRANSPORTATION PLANT Utility 7							
392.0	Transportation Equipment	47,502	5.04	2,394	3.81	1,810	(584)
396.0	Power Operated Equipment	554,036	7.43	41,165	5.73	31,746	(9,419)
	Total	<u>601,538</u>		<u>43,559</u>		<u>33,556</u>	<u>(10,003)</u>
TRANSPORTATION PLANT Utility 9							
392.0	Transportation Equipment	285,199	4.92	14,039	3.81	10,866	(3,173)
396.0	Power Operated Equipment	487,024	7.43	36,186	5.73	27,906	(8,280)
	Total	<u>772,223</u>		<u>50,225</u>		<u>38,773</u>	<u>(11,452)</u>
TOTAL COMMON PLANT		<u>71,380,938</u>		<u>4,749,731</u>		<u>4,626,147</u>	<u>(123,584)</u>

AVISTA UTILITIES
Pro Forma Depreciation Adjustment - Electric Gas
For the Year Ended December 31, 2006

Account Number	[1] Description	[2] 2006 Avg. Balance \$	[3] Existing Rate %	[4] Existing Annual Deprec. \$	[5] Study Rate %	[6] Proposed Annual Deprec. \$	[7] Increase or (Decrease) \$
GAS PLANT							
UNDERGROUND STORAGE							
350.2	Rights of Way	32,723	2.00	655	1.69	553	(102)
351.0	Structures & Improvements	1,065,109	1.75	18,633	1.44	15,338	(3,295)
352.0	Storage Wells	5,817,514	2.00	116,348	1.73	100,643	(15,705)
352.1	Wells	254,354	2.54	6,453	0.92	2,340	(4,113)
352.2	Reservoirs	203,330	2.22	4,514	2.35	4,778	264
352.3	Cushion Natural Gas	5,971,926	2.54	151,687	1.88	112,272	(39,415)
353.0	Lines	823,423	2.06	16,962	2.36	19,433	2,471
354.0	Compressor Station Equipment	2,043,859	2.32	47,484	1.81	36,994	(10,490)
355.0	Measuring & Regulating Equipment	171,919	2.66	4,573	4.88	8,390	3,817
356.0	Purification Equipment	407,250	2.97	12,095	2.35	9,570	(2,525)
357.0	Other Equipment	1,681,643	2.77	46,583	2.01	33,801	(12,782)
	Total	<u>18,473,050</u>		<u>425,987</u>		<u>344,112</u>	<u>(81,875)</u>
DISTRIBUTION PLANT							
375.0	Structures & Improvements	518,673	2.19	11,375	1.96	10,166	(1,209)
376.0	Mains	160,645,516	2.39	3,833,236	1.81	2,907,684	(925,552)
378.0	Measuring/Regulating Station Equipment	3,511,639	2.13	74,878	3.06	107,456	32,578
379.0	Measuring/Regulating City Gate Equipment	1,491,098	2.24	33,399	3.08	45,926	12,527
380.0	Services	117,362,693	2.67	3,132,926	2.77	3,250,947	118,021
381.0	Meters	37,199,504	1.94	721,937	3.22	1,197,824	475,887
385.0	Measuring/Regulating Industrial Equipment	2,263,561	2.44	55,124	1.85	41,876	(13,248)
	Total	<u>322,992,684</u>		<u>7,862,875</u>		<u>7,561,878</u>	<u>(300,997)</u>
GAS GENERAL PLANT							
390.1	Structures & Improvements	605,452	2.59	15,653	2.96	17,921	2,268
393.0	Stores Equipment	56,900	2.48	1,412	3.93	2,236	824
394.0	Tools, Shop & Garage Equipment	1,567,219	4.24	66,464	4.69	73,503	7,039
395.0	Laboratory Equipment	553,814	3.27	18,110	4.54	25,143	7,033
397.0	Communication Equipment	771,590	9.77	75,382	4.36	33,641	(41,741)
398.0	Miscellaneous Equipment	31,332	1.28	401	1.20	376	(25)
	Total	<u>3,586,307</u>		<u>177,422</u>		<u>152,821</u>	<u>(24,601)</u>
GAS TRANSPORTATION PLANT							
392.0	Transportation Equipment	286,905	5.00	14,334	5.00	14,345	11
396.0	Power Operated Equipment	1,144,449	7.44	85,113	6.18	70,727	(14,386)
	Total	<u>1,431,354</u>		<u>99,447</u>		<u>85,072</u>	<u>(14,375)</u>
COMMON GAS GENERAL PLANT Utility 8							
391.0	Office Furniture & Equipment	378,871	4.53	17,163	9.62	36,447	19,284
394.0	Tools, Shop & Garage Equipment	142,360	4.13	5,879	5.11	7,275	1,396
395.0	Laboratory Equipment	17,266	3.27	565	4.49	775	210
397.0	Communication Equipment	864,974	10.52	90,994	5.13	44,373	(46,621)
	Total	<u>1,403,471</u>		<u>114,601</u>		<u>88,870</u>	<u>(25,731)</u>
	TOTAL GAS PLANT	<u>347,886,866</u>		<u>8,680,332</u>		<u>8,232,753</u>	<u>(447,579)</u>

AVISTA UTILITIES
Pro Forma Depreciation Adjustment - Electric Gas
For the Year Ended December 31, 2006

Account Number	[1] Description	[2] 2006 Avg. Balance \$	[3] Existing Rate %	[4] Existing Annual Deprec. \$	[5] Study Rate %	[6] Proposed Annual Deprec. \$	[7] Increase or (Decrease) \$
GAS PLANT - OREGON							
PRODUCTION - LPG & LNG							
311.0	Liquified Petroleum Gas Equipment	67,374	1.85	1,244	5.41	3,645	2,401
	Total	<u>67,374</u>		<u>1,244</u>		<u>3,645</u>	<u>2,401</u>
DISTRIBUTION PLANT							
375.0	Structures & Improvements	191,762	3.05	5,847	2.40	4,602	(1,245)
376.0	Mains	82,434,223	3.41	2,814,252	1.42	1,170,566	(1,643,686)
378.0	Measuring/Regulating Station Equipment	1,181,089	4.97	58,733	1.41	16,653	(42,080)
379.0	Measuring/Regulating City Gate Equipment	652,399	4.67	30,443	2.09	13,635	(16,808)
380.0	Services	51,528,771	4.60	2,371,142	2.02	1,040,881	(1,330,261)
381.0	Meters	26,036,298	2.91	756,389	2.71	705,584	(50,805)
385.0	Measuring/Regulating Industrial Equipment	775,599	5.42	42,051	0.65	5,041	(37,010)
387.0	Other Equipment	539	(6.12)	(33)	0.00	0	33
	Total	<u>162,800,680</u>		<u>6,078,824</u>		<u>2,956,963</u>	<u>(3,121,861)</u>
GAS GENERAL PLANT							
390.1	Structures & Improvements	1,797,882	6.08	109,353	0.85	15,282	(94,071)
391.1	Computer Equipment	6,705	9.49	636	20.00	1,341	705
393.0	Stores Equipment	55,173	3.00	1,655	4.22	2,328	673
394.0	Tools, Shop & Garage Equipment	828,234	4.00	33,160	9.20	76,198	43,038
395.0	Laboratory Equipment	343,390	3.19	10,971	12.41	42,615	31,644
397.0	Communication Equipment	307,600	4.42	13,609	12.79	39,342	25,733
397.2	Communication Equipment - Portable	7,696	7.15	550	63.85	4,914	4,364
	Total	<u>3,346,680</u>		<u>169,934</u>		<u>182,019</u>	<u>12,085</u>
GAS TRANSPORTATION PLANT							
392.0	Transportation Equipment	16,932	8.41	1,424	8.41	1,424	(0)
396.0	Power Operated Equipment	26,056	7.46	1,945	7.58	1,975	30
	Total	<u>42,988</u>		<u>3,369</u>		<u>3,399</u>	<u>30</u>
	TOTAL GAS PLANT - OREGON	<u>166,257,722</u>		<u>6,253,371</u>		<u>3,146,026</u>	<u>(3,107,345)</u>

AVISTA UTILITIES
Pro Forma Depreciation Adjustment - Electric Gas
For the Year Ended December 31, 2006

Account Number	Description	Current Parameters			Proposed Parameters		
		Average Service Life	Curve	Net Salvage	Average Service Life	Curve	Net Salvage
GAS PLANT - OREGON							
PRODUCTION - LPG & LNG							
311.0	Liquified Petroleum Gas Equipment	45	SQ	-5	45	R3	-10
DISTRIBUTION PLANT							
375.0	Structures & Improvements	40	SQ	-5	50	R2.5	-5
376.0	Mains	45	S4	-40	65	R3	-25
378.0	Measuring/Regulating Station Equipment	22	R2.5	0	36	R1.5	-5
379.0	Measuring/Regulating City Gate Equipment	22	R2.5	0	36	R2	-5
380.0	Services	39	R3	-60	45	R4	-25
381.0	Meters	34	S3	0	40	S2.5	-10
385.0	Measuring/Regulating Industrial Equipment	22	R2.5	0	45	R3	-5
387.0	Other Equipment	20	SQ	0	15	R4	0
GAS GENERAL PLANT							
390.1	Structures & Improvements	12.5	SQ	0	35	S0.5	-5
391.1	Computer Equipment	16	R5	0	5	SQ	0
393.0	Stores Equipment	25	R1	0	25	SQ	0
394.0	Tools, Shop & Garage Equipment	25	S6	0	20	SQ	0
395.0	Laboratory Equipment	30	R2	0	15	SQ	0
397.0	Communication Equipment	15	R2	0	15	SQ	0
397.2	Communication Equipment - Portable	13	R2	0	10	SQ	0