Avista Corp.
1411 East Mission P.O. Box 3727
Spokane, Washington 99220-3727
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2005 NOV 30 AM 10: 14
IDAHO PUBLIC
UTILITIES COMMISSION

AVISTA Corp.

November 29, 2005

AVU-E-05-09
AVU-G-05-03

State of Idaho
Idaho Public Utilities Commission
472 W. Washington Street
Boise, ID 83702

Attention: Ms. Jean Jewell, Secretary

Re: Application for Accounting Order Regarding Treatment of Certain Asset Retirement Obligations (SFAS 143)

Enclosed please find an original and seven copies of Avista Corporation's Application for an accounting order related to SFAS 143, *Accounting for Asset Retirement Obligations*. Also enclosed are an original and seven copies of work papers showing proposed accounting entries together with the calculations of the estimated values supporting the entries.

Questions regarding this Application should be directed to Theresa Melvin at (509) 495-8165.

Sincerely,

Kelly Norwood

Kelly Norwood
Vice President, State & Federal Regulation
Avista Corporation

Enclosures

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UTILITIES COMMISSION

Kelly O. Norwood
Vice President State and Federal Regulation
1411 E. Mission Avenue
P. O. Box 3727
Spokane, Washington 99220
Phone: (509) 495-4267, Fax: (509) 495-8058

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION OF AVISTA CORPORATION FOR AN ACCOUNTING ORDER REGARDING TREATMENT OF CERTAIN ASSET REQUIREMENT OBLIGATIONS RESULTING FROM IMPLEMENTATION OF SFAS 143	)	CASE NO. AVU-E-05-09 CASE NO. AVU-G-05-03

I. INTRODUCTION

Avista Corporation doing business as Avista Utilities (hereinafter Avista or Company), at 1411 East Mission Avenue, Spokane, Washington, and in accordance with the provisions of Idaho Code § 61-524, and RP 052, respectfully applies for an accounting order authorizing the Company to (1) record, as a regulatory asset or a regulatory liability, the cumulative financial statement impact resulting from the Company's implementation of Statement of Financial Accounting Standards (SFAS) 143; and (2) record on an ongoing basis, as a regulatory asset or a regulatory liability, an amount equal to the difference between the annual SFAS 143 accretion and depreciation expense and the annual depreciation expense based on Commission-approved depreciation rates. The Commission granted similar accounting treatment to Idaho Power Company in Case No. IPC-E-03-11, Order No. 29414, issued January 8, 2004.

In support of this Application, Avista states that, the Company is a natural gas and electrical company and is subject to the jurisdiction of the Idaho Commission with regard to its rates, service and accounting practices. This Application is filed pursuant to Idaho Code § 61-524, which authorizes the Commission to prescribe the accounting to be used by public utilities subject to its jurisdiction.

Communications in reference to this Application should be addressed to:

Kelly O. Norwood
Vice President State and Federal Regulation
Avista Corporation
1411 E. Mission Avenue
Spokane, Washington 99220
Phone: (509) 495-4267
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II. BACKGROUND

Under the accounting method currently used by the Company for both financial reporting and ratemaking purposes, the cost of removing a tangible long-lived asset at retirement is included in the calculation of depreciation rates as negative salvage and is recovered over the useful life of the asset. Under this method, the accrued removal cost is included in Account 108, Accumulated Depreciation.

In June 2001, the Financial Accounting Standards Board (FASB) issued SFAS 143, *Accounting for Asset Retirement Obligations*, effective for fiscal years after June 15, 2002. Under SFAS 143, entities are required to recognize and account for certain asset retirement obligations in a manner different from the way that Avista and other public utilities have previously recognized and accounted for such costs. Specifically, if a legally enforceable asset retirement obligation (ARO), as defined by SFAS 143, is deemed to exist, an entity must measure and record the liability for the ARO on its books. The liability must be recorded at fair market value in the period during which the

1 liability is incurred. SFAS 143 defines "fair market value" as the amount that the entity would be
2 required to pay in an active market to settle the ARO. SFAS 143 also provides that, if market prices
3 are not available, estimates of fair value can be calculated by discounting the estimated cash flows
4 associated with the ARO to their present value at the date the liability is to be recorded.

5 Under SFAS 143, at the time the liability is recorded, a corresponding ARO asset is also
6 recorded on the entity's books as part of the cost of the associated tangible asset. The ARO asset is
7 then depreciated over the life of the associated tangible asset. In addition, accretion is added to the
8 ARO liability annually to account for the time value of money, so that at the time of retirement, the
9 recorded ARO liability will be sufficient to meet the legal obligation. Entities are also required to
10 recognize the cumulative effect of the implementation of SFAS 143 on their financial statements.

11 SFAS 143 recognizes that differences may exist between its requirements and the treatment
12 of ARO costs for regulatory purposes and provides that a regulated entity subject to SFAS 71,
13 *Accounting for the Effects of Certain Types of Regulation*, can recognize any differences between the
14 two approaches as a regulatory asset or a regulatory liability, subject to the requirements of SFAS 71.

15 Avista is required to implement SFAS 143 in order to comply with Generally Accepted
16 Accounting Principles. Due to the lack of an active market for determining AROs, the Company will
17 use the expected present value method to account for its ARO liabilities and offsetting assets.

18 After a thorough review, Avista has determined that it will be required to record AROs under
19 SFAS 143 for certain assets. Under the proposed accounting treatment, the resulting transactions
20 will have no impact for ratemaking purposes.

21 In addition to the cumulative ARO entries that will be recorded December 31, 2005, SFAS
22 143 accounting will require three annual entries. One entry will be required to record the annual

increase in the ARO liability from the accretion of interest and another will be necessary to record the annual depreciation of the associated ARO asset on a straight-line basis over its remaining life. The third entry will adjust the accumulated removal costs included in accumulated depreciation to the current amount. Since the Company will continue to use the Commission-approved depreciation rates to determine annual asset retirement costs for ratemaking purposes, these new accounting entries will not change the level of costs included in rates.

Nothing in this Application is intended to request any approval regarding future ratemaking treatment. However, consistent with past rate proceedings, the Company will continue to seek recovery of prudently incurred removal costs, not previously recovered through depreciation expense, in future rate case proceedings.

In order to comply with the requirements of SFAS 143 and maintain revenue neutrality with respect to these costs as they relate to regulatory accounting, Avista seeks Commission approval to record the effect of the annual SFAS 143 accretion and depreciation expense as an adjustment to the regulatory asset and the net change in accumulated removal costs as an adjustment to the related regulatory liability.

III. SUMMARY

WHEREFORE, Avista respectfully requests that the Commission consider this matter under Modified Procedure pursuant to RP 201-204 and issue its Order as follows:

1. Authorizing Avista to record, as a regulatory asset or a regulatory liability, the cumulative financial statement impact resulting from the Company's implementation of SFAS 143.

2. Authorizing Avista to record, on an ongoing basis, as a regulatory asset or regulatory liability, an amount equal to the difference between the annual SFAS 143 accretion and depreciation expense and the annual depreciation expense based on Commission-approved depreciation rates.

3. Confirming that asset removal costs, in the form of negative net salvage, are currently accrued through annual depreciation expense, which is recoverable in rates; that these costs are based on estimates of the final removal cost; and that such costs are trued-up for ratemaking purposes at the time the related assets are retired and the actual removal costs are determined.

The accounting entries that result from the implementation of SFAS 143 will be recorded on the Company's books as of December 31, 2005. Avista hereby requests that the Commission grant the requested accounting treatment by January 15, 2006, in order to facilitate the closing of the Company's 2005 financial statements in accordance with this request.

Dated at Spokane, Washington this 29th day of November 2005.

AVISTA CORPORATION

BY Kelly Norwood

Kelly O. Norwood
Vice President, State and Federal Regulation

AVISTA CORPORATION

ASSET RETIREMENT OBLIGATIONS

WORK PAPERS

Summary of Assets and
Liabilities to be Recorded

Avista Corporation
FAS 143 Implementation

	CS2	COLSTRIP	OFFICE BUILDING	TRANSFORMERS	TOTAL
Asset Retirement Cost	351,681	134,589	351,680	129,707	967,657
Cumulative Effect/Regulatory Asset	87,655	373,017	1,604,988	675,294	2,740,954
Asset Retirement Obligation	(420,401)	(442,357)	(1,651,731)	(728,235)	(3,242,724)
Accumulated Depreciation	(18,935)	(65,249)	(304,937)	(76,766)	(465,887)
	-	-	-	-	-

Amounts shown are initial calculations and are subject to change prior to preparation of the 12/31/2005 FAS 143 journal entries.

Avista Corporation
FAS 143 Implementation

Transition entries to record as of 12/31/2005	FERC Account Description	FERC Account	Dr.	Cr.
To record the liabilities for asset retirement obligations with offsetting increase to carrying amount of related assets.	ARO Assets	101	967,657	
	ARO Liabilities	230		967,657
To record the accretion of interest on asset retirement obligation liabilities through 12/31/05.	Cumulative Effect adjustment	Regulatory Asset	2,275,068	
	ARO Liabilities	230		2,275,068
To record the depreciation on asset retirement obligation assets through 12/31/05.	Cumulative Effect adjustment	Regulatory Asset	465,887	
	Accum Deprec - ARO assets	108		465,887
To record cumulative effect of implementation of FAS 143 as regulatory assets.	Regulatory Assets	182	2,740,955	
	Cumulative Effect adjustment	Regulatory Asset		2,740,955
Net effect of above entries	ARO Assets	101	967,657	
	Accum Deprec - ARO assets	108		465,887
	Regulatory Assets	182	2,740,955	
	ARO Liabilities	230		3,242,725

Amounts shown are initial calculations and are subject to change prior to preparation of the 12/31/2005 FAS 143 journal entries.

Avista Corporation
FAS 143 Implementation
ACCRETION OF INTEREST

YEAR	CS2	COLSTRIP	OFFICE BUILDING	TRANSFORMERS	TOTAL
1977				7,951.06	
1978				8,438.46	
1979				8,955.74	
1980			21,557.95	9,504.73	
1981			22,879.46	10,087.37	
1982			24,281.97	10,705.72	
1983			25,770.45	11,361.98	
1984			27,350.18	12,058.47	
1985			29,026.75	12,797.66	
1986		8,250.33	30,806.09	13,582.15	
1987		8,756.08	32,694.50	14,414.74	
1988		9,292.83	34,698.67	15,298.36	
1989		9,862.48	36,825.70	16,236.15	
1990		10,467.05	39,083.12	17,231.43	
1991		11,108.68	41,478.91	18,287.71	
1992		11,789.64	44,021.57	19,408.75	
1993		12,512.34	46,720.09	20,598.51	
1994		13,279.35	49,584.03	21,861.19	
1995		14,093.37	52,623.53	23,201.29	
1996		14,957.30	55,849.36	24,623.52	
1997		15,874.18	59,272.92	26,132.95	
1998		16,847.27	62,906.35	27,734.90	
1999		17,880.00	66,762.51	29,435.05	
2000		18,976.05	70,855.05	31,239.41	
2001		20,139.28	75,198.47	33,154.39	
2002		21,373.82	79,808.14	35,186.75	
2003	21,558.08	22,684.03	84,700.37	37,343.70	
2004	22,879.59	24,074.56	89,892.51	39,632.87	
2005	24,282.11	25,550.33	95,402.92	42,062.37	
Cumulative Effect of Accretion	68,719.79	307,768.95	1,300,051.59	598,527.38	2,275,067.71

Avista Corporation
FAS 143 Implementation

Year 2006 Accretion, Depreciation, and Settlement Entries	FERC Account Description	FERC Account	Dr.	Cr.
To record 2006 accretion on asset retirement obligations.	Regulatory Asset (Accretion expense)	182	198,778	
	ARO Liabilities	230		198,778
To record 2006 depreciation on ARO assets.	Regulatory Asset (Depreciation expense)	182	23,949	
	Accumulated Depreciation - ARO Assets	108		23,949
To record adjustments to the ARO Liability and Regulatory Asset for the cash settlement of the liability.	ARO Liabilities	230	91,716	
	Regulatory Asset	182		91,716

Amounts shown are initial calculations and are subject to change prior to preparation of the 12/31/2005 FAS 143 journal entries.

AVISTA CORPORATION

ASSET RETIREMENT OBLIGATIONS

WORK PAPERS

CS2

CS2 ARO

Lease dated August 9, 1993
Term of lease is for 50 years. (2043)
Renewal options: 5 successive terms of 10 years each. (2093)
PGE is estimating probable life on: 25% at 50 yrs
75% at 100 yrs
Since PGE is operator, Avista will use same estimated life.

CPI		3.74%	3.74%
Credit adjusted risk free rate		6.13%	6.13%
Cost		2,000,000.00	2,000,000.00
	2006	2,074,800.00	2,074,800.00
	2007	2,152,397.52	2,152,397.52
	2008	2,232,897.19	2,232,897.19
	2009	2,316,407.54	2,316,407.54
	2010	2,403,041.18	2,403,041.18
	2011	2,492,914.92	2,492,914.92
	2012	2,586,149.94	2,586,149.94
	2013	2,682,871.95	2,682,871.95
	2014	2,783,211.36	2,783,211.36
	2015	2,887,303.47	2,887,303.47
	2016	2,995,288.62	2,995,288.62
	2017	3,107,312.41	3,107,312.41
	2018	3,223,525.89	3,223,525.89
	2019	3,344,085.76	3,344,085.76
	2020	3,469,154.57	3,469,154.57
	2021	3,598,900.95	3,598,900.95
	2022	3,733,499.85	3,733,499.85
	2023	3,873,132.74	3,873,132.74
	2024	4,017,987.91	4,017,987.91
	2025	4,168,260.65	4,168,260.65
	2026	4,324,153.60	4,324,153.60
	2027	4,485,876.95	4,485,876.95
	2028	4,653,648.74	4,653,648.74
	2029	4,827,695.21	4,827,695.21
	2030	5,008,251.01	5,008,251.01
	2031	5,195,559.60	5,195,559.60
	2032	5,389,873.52	5,389,873.52
	2033	5,591,454.79	5,591,454.79
	2034	5,800,575.20	5,800,575.20
	2035	6,017,516.72	6,017,516.72
	2036	6,242,571.84	6,242,571.84

2037	6,476,044.03	6,476,044.03
2038	6,718,248.07	6,718,248.07
2039	6,969,510.55	6,969,510.55
2040	7,230,170.25	7,230,170.25
2041	7,500,578.61	7,500,578.61
2042	7,781,100.26	7,781,100.26
2043	8,072,113.40	8,072,113.40
2044	8,374,010.45	8,374,010.45
2045	8,687,198.44	
2046	9,012,099.66	
2047	9,349,152.19	
2048	9,698,810.48	
2049	10,061,545.99	
2050	10,437,847.81	
2051	10,828,223.32	
2052	11,233,198.87	
2053	11,653,320.51	
2054	12,089,154.69	
2055	12,541,289.08	
2056	13,010,333.29	
2057	13,496,919.76	
2058	14,001,704.55	
2059	14,525,368.31	
2060	15,068,617.08	
2061	15,632,183.36	
2062	16,216,827.02	
2063	16,823,336.35	
2064	17,452,529.13	
2065	18,105,253.72	
2066	18,782,390.20	
2067	19,484,851.60	
2068	20,213,585.05	
2069	20,969,573.13	
2070	21,753,835.16	
2071	22,567,428.60	
2072	23,411,450.43	
2073	24,287,038.67	
2074	25,195,373.92	
2075	26,137,680.91	
2076	27,115,230.17	
2077	28,129,339.78	
2078	29,181,377.09	
2079	30,272,760.59	
2080	31,404,961.84	
2081	32,579,507.41	
2082	33,797,980.99	

2083		35,062,025.48	
2084		36,373,345.23	
2085		37,733,708.34	
2086		39,144,949.03	
2087		40,608,970.12	
2088		42,127,745.61	
2089		43,703,323.29	
2090		45,337,827.58	
2091		47,033,462.34	
2092		48,792,513.83	
2093		50,617,353.84	
PV (2005)		$269,488.96	$873,138.74
PV (2003)		$225,437.67	$730,413.46

	PV	Accretion	balance
2003	$225,437.67	13,819.33	$239,257.00
2004	$239,257.00	14,666.45	$253,923.46
2005	$253,923.46	15,565.51	$269,488.96
2006	$269,488.96	16,519.67	$286,008.64
2007	$286,008.64	17,532.33	$303,540.97
2008	$303,540.97	18,607.06	$322,148.03
2009	$322,148.03	19,747.67	$341,895.70
2010	$341,895.70	20,958.21	$362,853.91
2011	$362,853.91	22,242.94	$385,096.85
2012	$385,096.85	23,606.44	$408,703.29
2013	$408,703.29	25,053.51	$433,756.80
2014	$433,756.80	26,589.29	$460,346.09
2015	$460,346.09	28,219.22	$488,565.31
2016	$488,565.31	29,949.05	$518,514.36
2017	$518,514.36	31,784.93	$550,299.29
2018	$550,299.29	33,733.35	$584,032.64
2019	$584,032.64	35,801.20	$619,833.84
2020	$619,833.84	37,995.81	$657,829.66
2021	$657,829.66	40,324.96	$698,154.61
2022	$698,154.61	42,796.88	$740,951.49
2023	$740,951.49	45,420.33	$786,371.82
2024	$786,371.82	48,204.59	$834,576.41
2025	$834,576.41	51,159.53	$885,735.95
2026	$885,735.95	54,295.61	$940,031.56
2027	$940,031.56	57,623.93	$997,655.49
2028	$997,655.49	61,156.28	$1,058,811.78
2029	$1,058,811.78	64,905.16	$1,123,716.94
2030	$1,123,716.94	68,883.85	$1,192,600.79

Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
	($2,477.34)	($2,477.34)	$225,437.67	$222,960.34
($2,477.34)	($2,477.34)	($4,954.67)	$225,437.67	$220,483.00
($4,954.67)	($2,477.34)	($7,432.01)	$225,437.67	$218,005.66
($7,432.01)	($2,477.34)	($9,909.35)	$225,437.67	$215,528.32
($9,909.35)	($2,477.34)	($12,386.69)	$225,437.67	$213,050.99
($12,386.69)	($2,477.34)	($14,864.02)	$225,437.67	$210,573.65
($14,864.02)	($2,477.34)	($17,341.36)	$225,437.67	$208,096.31
($17,341.36)	($2,477.34)	($19,818.70)	$225,437.67	$205,618.98
($19,818.70)	($2,477.34)	($22,296.03)	$225,437.67	$203,141.64
($22,296.03)	($2,477.34)	($24,773.37)	$225,437.67	$200,664.30
($24,773.37)	($2,477.34)	($27,250.71)	$225,437.67	$198,186.97
($27,250.71)	($2,477.34)	($29,728.04)	$225,437.67	$195,709.63
($29,728.04)	($2,477.34)	($32,205.38)	$225,437.67	$193,232.29
($32,205.38)	($2,477.34)	($34,682.72)	$225,437.67	$190,754.95
($34,682.72)	($2,477.34)	($37,160.06)	$225,437.67	$188,277.62
($37,160.06)	($2,477.34)	($39,637.39)	$225,437.67	$185,800.28
($39,637.39)	($2,477.34)	($42,114.73)	$225,437.67	$183,322.94
($42,114.73)	($2,477.34)	($44,592.07)	$225,437.67	$180,845.61
($44,592.07)	($2,477.34)	($47,069.40)	$225,437.67	$178,368.27
($47,069.40)	($2,477.34)	($49,546.74)	$225,437.67	$175,890.93
($49,546.74)	($2,477.34)	($52,024.08)	$225,437.67	$173,413.59
($52,024.08)	($2,477.34)	($54,501.42)	$225,437.67	$170,936.26
($54,501.42)	($2,477.34)	($56,978.75)	$225,437.67	$168,458.92
($56,978.75)	($2,477.34)	($59,456.09)	$225,437.67	$165,981.58
($59,456.09)	($2,477.34)	($61,933.43)	$225,437.67	$163,504.25
($61,933.43)	($2,477.34)	($64,410.76)	$225,437.67	$161,026.91
($64,410.76)	($2,477.34)	($66,888.10)	$225,437.67	$158,549.57
($66,888.10)	($2,477.34)	($69,365.44)	$225,437.67	$156,072.24

2031	$1,192,600.79	73,106.43	$1,265,707.21	($69,365.44)	($2,477.34)	($71,842.77)	$225,437.67	$153,594.90
2032	$1,265,707.21	77,587.85	$1,343,295.07	($71,842.77)	($2,477.34)	($74,320.11)	$225,437.67	$151,117.56
2033	$1,343,295.07	82,343.99	$1,425,639.05	($74,320.11)	($2,477.34)	($76,797.45)	$225,437.67	$148,640.22
2034	$1,425,639.05	87,391.67	$1,513,030.73	($76,797.45)	($2,477.34)	($79,274.79)	$225,437.67	$146,162.89
2035	$1,513,030.73	92,748.78	$1,605,779.51	($79,274.79)	($2,477.34)	($81,752.12)	$225,437.67	$143,685.55
2036	$1,605,779.51	98,434.28	$1,704,213.79	($81,752.12)	($2,477.34)	($84,229.46)	$225,437.67	$141,208.21
2037	$1,704,213.79	104,468.31	$1,808,682.10	($84,229.46)	($2,477.34)	($86,706.80)	$225,437.67	$138,730.88
2038	$1,808,682.10	110,872.21	$1,919,554.31	($86,706.80)	($2,477.34)	($89,184.13)	$225,437.67	$136,253.54
2039	$1,919,554.31	117,668.68	$2,037,222.99	($89,184.13)	($2,477.34)	($91,661.47)	$225,437.67	$133,776.20
2040	$2,037,222.99	124,881.77	$2,162,104.76	($91,661.47)	($2,477.34)	($94,138.81)	$225,437.67	$131,298.86
2041	$2,162,104.76	132,537.02	$2,294,641.78	($94,138.81)	($2,477.34)	($96,616.15)	$225,437.67	$128,821.53
2042	$2,294,641.78	140,661.54	$2,435,303.33	($96,616.15)	($2,477.34)	($99,093.48)	$225,437.67	$126,344.19
2043	$2,435,303.33	149,284.09	$2,584,587.42	($99,093.48)	($2,477.34)	($101,570.82)	$225,437.67	$123,866.85
2044	$2,584,587.42	158,435.21	$2,743,022.63	($101,570.82)	($2,477.34)	($104,048.16)	$225,437.67	$121,389.52
2045	$2,743,022.63	168,147.29	$2,911,169.92	($104,048.16)	($2,477.34)	($106,525.49)	$225,437.67	$118,912.18
2046	$2,911,169.92	178,454.72	$3,089,624.63	($106,525.49)	($2,477.34)	($109,002.83)	$225,437.67	$116,434.84
2047	$3,089,624.63	189,393.99	$3,279,018.62	($109,002.83)	($2,477.34)	($111,480.17)	$225,437.67	$113,957.50
2048	$3,279,018.62	201,003.84	$3,480,022.46	($111,480.17)	($2,477.34)	($113,957.50)	$225,437.67	$111,480.17
2049	$3,480,022.46	213,325.38	$3,693,347.84	($113,957.50)	($2,477.34)	($116,434.84)	$225,437.67	$109,002.83
2050	$3,693,347.84	226,402.22	$3,919,750.06	($116,434.84)	($2,477.34)	($118,912.18)	$225,437.67	$106,525.49
2051	$3,919,750.06	240,280.68	$4,160,030.74	($118,912.18)	($2,477.34)	($121,389.52)	$225,437.67	$104,048.16
2052	$4,160,030.74	255,009.88	$4,415,040.63	($121,389.52)	($2,477.34)	($123,866.85)	$225,437.67	$101,570.82
2053	$4,415,040.63	270,641.99	$4,685,682.62	($123,866.85)	($2,477.34)	($126,344.19)	$225,437.67	$99,093.48
2054	$4,685,682.62	287,232.34	$4,972,914.96	($126,344.19)	($2,477.34)	($128,821.53)	$225,437.67	$96,616.15
2055	$4,972,914.96	304,839.69	$5,277,754.65	($128,821.53)	($2,477.34)	($131,298.86)	$225,437.67	$94,138.81
2056	$5,277,754.65	323,526.36	$5,601,281.01	($131,298.86)	($2,477.34)	($133,776.20)	$225,437.67	$91,661.47
2057	$5,601,281.01	343,358.53	$5,944,639.53	($133,776.20)	($2,477.34)	($136,253.54)	$225,437.67	$89,184.13
2058	$5,944,639.53	364,406.40	$6,309,045.94	($136,253.54)	($2,477.34)	($138,730.88)	$225,437.67	$86,706.80
2059	$6,309,045.94	386,744.52	$6,695,790.45	($138,730.88)	($2,477.34)	($141,208.21)	$225,437.67	$84,229.46
2060	$6,695,790.45	410,451.95	$7,106,242.41	($141,208.21)	($2,477.34)	($143,685.55)	$225,437.67	$81,752.12
2061	$7,106,242.41	435,612.66	$7,541,855.07	($143,685.55)	($2,477.34)	($146,162.89)	$225,437.67	$79,274.79
2062	$7,541,855.07	462,315.72	$8,004,170.78	($146,162.89)	($2,477.34)	($148,640.22)	$225,437.67	$76,797.45
2063	$8,004,170.78	490,655.67	$8,494,826.45	($148,640.22)	($2,477.34)	($151,117.56)	$225,437.67	$74,320.11
2064	$8,494,826.45	520,732.86	$9,015,559.31	($151,117.56)	($2,477.34)	($153,594.90)	$225,437.67	$71,842.77
2065	$9,015,559.31	552,653.79	$9,568,213.10	($153,594.90)	($2,477.34)	($156,072.24)	$225,437.67	$69,365.44
2066	$9,568,213.10	586,531.46	$10,154,744.56	($156,072.24)	($2,477.34)	($158,549.57)	$225,437.67	$66,888.10
2067	$10,154,744.56	622,485.84	$10,777,230.40	($158,549.57)	($2,477.34)	($161,026.91)	$225,437.67	$64,410.76
2068	$10,777,230.40	660,644.22	$11,437,874.63	($161,026.91)	($2,477.34)	($163,504.25)	$225,437.67	$61,933.43
2069	$11,437,874.63	701,141.71	$12,139,016.34	($163,504.25)	($2,477.34)	($165,981.58)	$225,437.67	$59,456.09
2070	$12,139,016.34	744,121.70	$12,883,138.04	($165,981.58)	($2,477.34)	($168,458.92)	$225,437.67	$56,978.75
2071	$12,883,138.04	789,736.36	$13,672,874.40	($168,458.92)	($2,477.34)	($170,936.26)	$225,437.67	$54,501.42
2072	$13,672,874.40	838,147.20	$14,511,021.60	($170,936.26)	($2,477.34)	($173,413.59)	$225,437.67	$52,024.08
2073	$14,511,021.60	889,525.62	$15,400,547.23	($173,413.59)	($2,477.34)	($175,890.93)	$225,437.67	$49,546.74
2074	$15,400,547.23	944,053.55	$16,344,600.77	($175,890.93)	($2,477.34)	($178,368.27)	$225,437.67	$47,069.40
2075	$16,344,600.77	1,001,924.03	$17,346,524.80	($178,368.27)	($2,477.34)	($180,845.61)	$225,437.67	$44,592.07
2076	$17,346,524.80	1,063,341.97	$18,409,866.77	($180,845.61)	($2,477.34)	($183,322.94)	$225,437.67	$42,114.73

2077	$18,409,866.77	1,128,524.83	$19,538,391.61	($183,322.94)	($2,477.34)	($185,800.28)	$225,437.67	$39,637.39
2078	$19,538,391.61	1,197,703.41	$20,736,095.01	($185,800.28)	($2,477.34)	($188,277.62)	$225,437.67	$37,160.06
2079	$20,736,095.01	1,271,122.62	$22,007,217.63	($188,277.62)	($2,477.34)	($190,754.95)	$225,437.67	$34,682.72
2080	$22,007,217.63	1,349,042.44	$23,356,260.08	($190,754.95)	($2,477.34)	($193,232.29)	$225,437.67	$32,205.38
2081	$23,356,260.08	1,431,738.74	$24,787,998.82	($193,232.29)	($2,477.34)	($195,709.63)	$225,437.67	$29,728.04
2082	$24,787,998.82	1,519,504.33	$26,307,503.15	($195,709.63)	($2,477.34)	($198,186.97)	$225,437.67	$27,250.71
2083	$26,307,503.15	1,612,649.94	$27,920,153.09	($198,186.97)	($2,477.34)	($200,664.30)	$225,437.67	$24,773.37
2084	$27,920,153.09	1,711,505.38	$29,631,658.47	($200,664.30)	($2,477.34)	($203,141.64)	$225,437.67	$22,296.03
2085	$29,631,658.47	1,816,420.66	$31,448,079.14	($203,141.64)	($2,477.34)	($205,618.98)	$225,437.67	$19,818.70
2086	$31,448,079.14	1,927,767.25	$33,375,846.39	($205,618.98)	($2,477.34)	($208,096.31)	$225,437.67	$17,341.36
2087	$33,375,846.39	2,045,939.38	$35,421,785.77	($208,096.31)	($2,477.34)	($210,573.65)	$225,437.67	$14,864.02
2088	$35,421,785.77	2,171,355.47	$37,593,141.24	($210,573.65)	($2,477.34)	($213,050.99)	$225,437.67	$12,386.69
2089	$37,593,141.24	2,304,459.56	$39,897,600.80	($213,050.99)	($2,477.34)	($215,528.32)	$225,437.67	$9,909.35
2090	$39,897,600.80	2,445,722.93	$42,343,323.73	($215,528.32)	($2,477.34)	($218,005.66)	$225,437.67	$7,432.01
2091	$42,343,323.73	2,595,645.74	$44,938,969.47	($218,005.66)	($2,477.34)	($220,483.00)	$225,437.67	$4,954.67
2092	$44,938,969.47	2,754,758.83	$47,693,728.30	($220,483.00)	($2,477.34)	($222,960.34)	$225,437.67	$2,477.34
2093	$47,693,728.30	2,923,625.54	$50,617,353.84	($222,960.34)	($2,477.34)	($225,437.67)	$225,437.67	$0.00

	PV	Accretion	balance
2003	$730,413.46	44,774.34	$775,187.80
2004	$775,187.80	47,519.01	$822,706.81
2005	$822,706.81	50,431.93	$873,138.74
2006	$873,138.74	53,523.40	$926,662.14
2007	$926,662.14	56,804.39	$983,466.53
2008	$983,466.53	60,286.50	$1,043,753.03
2009	$1,043,753.03	63,982.06	$1,107,735.09
2010	$1,107,735.09	67,904.16	$1,175,639.25
2011	$1,175,639.25	72,066.69	$1,247,705.94
2012	$1,247,705.94	76,484.37	$1,324,190.32
2013	$1,324,190.32	81,172.87	$1,405,363.18
2014	$1,405,363.18	86,148.76	$1,491,511.94
2015	$1,491,511.94	91,429.68	$1,582,941.63
2016	$1,582,941.63	97,034.32	$1,679,975.95
2017	$1,679,975.95	102,982.53	$1,782,958.47
2018	$1,782,958.47	109,295.35	$1,892,253.83
2019	$1,892,253.83	115,995.16	$2,008,248.99
2020	$2,008,248.99	123,105.66	$2,131,354.65
2021	$2,131,354.65	130,652.04	$2,262,006.69
2022	$2,262,006.69	138,661.01	$2,400,667.70
2023	$2,400,667.70	147,160.93	$2,547,828.63
2024	$2,547,828.63	156,181.90	$2,704,010.53
2025	$2,704,010.53	165,755.85	$2,869,766.37
2026	$2,869,766.37	175,916.68	$3,045,683.05
2027	$3,045,683.05	186,700.37	$3,232,383.42

Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
	($17,814.96)	($17,814.96)	$730,413.46	$712,598.49
($17,814.96)	($17,814.96)	($35,629.92)	$730,413.46	$694,783.53
($35,629.92)	($17,814.96)	($53,444.89)	$730,413.46	$676,968.57
($53,444.89)	($17,814.96)	($71,259.85)	$730,413.46	$659,153.61
($71,259.85)	($17,814.96)	($89,074.81)	$730,413.46	$641,338.64
($89,074.81)	($17,814.96)	($106,889.77)	$730,413.46	$623,523.68
($106,889.77)	($17,814.96)	($124,704.74)	$730,413.46	$605,708.72
($124,704.74)	($17,814.96)	($142,519.70)	$730,413.46	$587,893.76
($142,519.70)	($17,814.96)	($160,334.66)	$730,413.46	$570,078.79
($160,334.66)	($17,814.96)	($178,149.62)	$730,413.46	$552,263.83
($178,149.62)	($17,814.96)	($195,964.59)	$730,413.46	$534,448.87
($195,964.59)	($17,814.96)	($213,779.55)	$730,413.46	$516,633.91
($213,779.55)	($17,814.96)	($231,594.51)	$730,413.46	$498,818.95
($231,594.51)	($17,814.96)	($249,409.47)	$730,413.46	$481,003.98
($249,409.47)	($17,814.96)	($267,224.43)	$730,413.46	$463,189.02
($267,224.43)	($17,814.96)	($285,039.40)	$730,413.46	$445,374.06
($285,039.40)	($17,814.96)	($302,854.36)	$730,413.46	$427,559.10
($302,854.36)	($17,814.96)	($320,669.32)	$730,413.46	$409,744.13
($320,669.32)	($17,814.96)	($338,484.28)	$730,413.46	$391,929.17
($338,484.28)	($17,814.96)	($356,299.25)	$730,413.46	$374,114.21
($356,299.25)	($17,814.96)	($374,114.21)	$730,413.46	$356,299.25
($374,114.21)	($17,814.96)	($391,929.17)	$730,413.46	$338,484.28
($391,929.17)	($17,814.96)	($409,744.13)	$730,413.46	$320,669.32
($409,744.13)	($17,814.96)	($427,559.10)	$730,413.46	$302,854.36
($427,559.10)	($17,814.96)	($445,374.06)	$730,413.46	$285,039.40

2028	$3,232,383.42	198,145.10	$3,430,528.53	($445,374.06)	($17,814.96)	($463,189.02)	$730,413.46	$267,224.43
2029	$3,430,528.53	210,291.40	$3,640,819.92	($463,189.02)	($17,814.96)	($481,003.98)	$730,413.46	$249,409.47
2030	$3,640,819.92	223,182.26	$3,864,002.18	($481,003.98)	($17,814.96)	($498,818.95)	$730,413.46	$231,594.51
2031	$3,864,002.18	236,863.33	$4,100,865.52	($498,818.95)	($17,814.96)	($516,633.91)	$730,413.46	$213,779.55
2032	$4,100,865.52	251,383.06	$4,352,248.58	($516,633.91)	($17,814.96)	($534,448.87)	$730,413.46	$195,964.59
2033	$4,352,248.58	266,792.84	$4,619,041.41	($534,448.87)	($17,814.96)	($552,263.83)	$730,413.46	$178,149.62
2034	$4,619,041.41	283,147.24	$4,902,188.65	($552,263.83)	($17,814.96)	($570,078.79)	$730,413.46	$160,334.66
2035	$4,902,188.65	300,504.16	$5,202,692.82	($570,078.79)	($17,814.96)	($587,893.76)	$730,413.46	$142,519.70
2036	$5,202,692.82	318,925.07	$5,521,617.89	($587,893.76)	($17,814.96)	($605,708.72)	$730,413.46	$124,704.74
2037	$5,521,617.89	338,475.18	$5,860,093.06	($605,708.72)	($17,814.96)	($623,523.68)	$730,413.46	$106,889.77
2038	$5,860,093.06	359,223.70	$6,219,316.77	($623,523.68)	($17,814.96)	($641,338.64)	$730,413.46	$89,074.81
2039	$6,219,316.77	381,244.12	$6,600,560.88	($641,338.64)	($17,814.96)	($659,153.61)	$730,413.46	$71,259.85
2040	$6,600,560.88	404,614.38	$7,005,175.27	($659,153.61)	($17,814.96)	($676,968.57)	$730,413.46	$53,444.89
2041	$7,005,175.27	429,417.24	$7,434,592.51	($676,968.57)	($17,814.96)	($694,783.53)	$730,413.46	$35,629.92
2042	$7,434,592.51	455,740.52	$7,890,333.03	($694,783.53)	($17,814.96)	($712,598.49)	$730,413.46	$17,814.96
2043	$7,890,333.03	483,677.41	$8,374,010.45	($712,598.49)	($17,814.96)	($730,413.46)	$730,413.46	$0.00
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2003	$351,681.62	$21,558.08	$373,239.70
2004	$373,239.70	$22,879.59	$396,119.30
2005	$396,119.30	$24,282.11	$420,401.41
2006	$420,401.41	$25,770.61	$446,172.01
2007	$446,172.01	$27,350.34	$473,522.36
2008	$473,522.36	$29,026.92	$502,549.28
2009	$502,549.28	$30,806.27	$533,355.55
2010	$533,355.55	$32,694.70	$566,050.25
2011	$566,050.25	$34,698.88	$600,749.13
2012	$600,749.13	$36,825.92	$637,575.05
2013	$637,575.05	$39,083.35	$676,658.40
2014	$676,658.40	$41,479.16	$718,137.56
2015	$718,137.56	$44,021.83	$762,159.39
2016	$762,159.39	$46,720.37	$808,879.76
2017	$808,879.76	$49,584.33	$858,464.09
2018	$858,464.09	$52,623.85	$911,087.94
2019	$911,087.94	$55,849.69	$966,937.63
2020	$966,937.63	$59,273.28	$1,026,210.91
2021	$1,026,210.91	$62,906.73	$1,089,117.63
2022	$1,089,117.63	$66,762.91	$1,155,880.54
2023	$1,155,880.54	$70,855.48	$1,226,736.02
2024	$1,226,736.02	$75,198.92	$1,301,934.94

Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
	($6,311.74)	($6,311.74)	$351,681.62	$345,369.88
($6,311.74)	($6,311.74)	($12,623.49)	$351,681.62	$339,058.13
($12,623.49)	($6,311.74)	($18,935.23)	$351,681.62	$332,746.39
($18,935.23)	($6,311.74)	($25,246.97)	$351,681.62	$326,434.64
($25,246.97)	($6,311.74)	($31,558.72)	$351,681.62	$320,122.90
($31,558.72)	($6,311.74)	($37,870.46)	$351,681.62	$313,811.16
($37,870.46)	($6,311.74)	($44,182.20)	$351,681.62	$307,499.41
($44,182.20)	($6,311.74)	($50,493.95)	$351,681.62	$301,187.67
($50,493.95)	($6,311.74)	($56,805.69)	$351,681.62	$294,875.93
($56,805.69)	($6,311.74)	($63,117.43)	$351,681.62	$288,564.18
($63,117.43)	($6,311.74)	($69,429.18)	$351,681.62	$282,252.44
($69,429.18)	($6,311.74)	($75,740.92)	$351,681.62	$275,940.70
($75,740.92)	($6,311.74)	($82,052.66)	$351,681.62	$269,628.95
($82,052.66)	($6,311.74)	($88,364.41)	$351,681.62	$263,317.21
($88,364.41)	($6,311.74)	($94,676.15)	$351,681.62	$257,005.47
($94,676.15)	($6,311.74)	($100,987.89)	$351,681.62	$250,693.72
($100,987.89)	($6,311.74)	($107,299.64)	$351,681.62	$244,381.98
($107,299.64)	($6,311.74)	($113,611.38)	$351,681.62	$238,070.24
($113,611.38)	($6,311.74)	($119,923.12)	$351,681.62	$231,758.49
($119,923.12)	($6,311.74)	($126,234.87)	$351,681.62	$225,446.75
($126,234.87)	($6,311.74)	($132,546.61)	$351,681.62	$219,135.01
($132,546.61)	($6,311.74)	($138,858.35)	$351,681.62	$212,823.26

2025	$1,301,934.94	$79,808.61	$1,381,743.55	($138,858.35)	($6,311.74)	($145,170.10)	$351,681.62	$206,511.52
2026	$1,381,743.55	$84,700.88	$1,466,444.43	($145,170.10)	($6,311.74)	($151,481.84)	$351,681.62	$200,199.78
2027	$1,466,444.43	$89,893.04	$1,556,337.48	($151,481.84)	($6,311.74)	($157,793.58)	$351,681.62	$193,888.03
2028	$1,556,337.48	$95,403.49	$1,651,740.96	($157,793.58)	($6,311.74)	($164,105.33)	$351,681.62	$187,576.29
2029	$1,651,740.96	$101,251.72	$1,752,992.68	($164,105.33)	($6,311.74)	($170,417.07)	$351,681.62	$181,264.55
2030	$1,752,992.68	$107,458.45	$1,860,451.14	($170,417.07)	($6,311.74)	($176,728.81)	$351,681.62	$174,952.80
2031	$1,860,451.14	$114,045.65	$1,974,496.79	($176,728.81)	($6,311.74)	($183,040.56)	$351,681.62	$168,641.06
2032	$1,974,496.79	$121,036.65	$2,095,533.44	($183,040.56)	($6,311.74)	($189,352.30)	$351,681.62	$162,329.32
2033	$2,095,533.44	$128,456.20	$2,223,989.64	($189,352.30)	($6,311.74)	($195,664.04)	$351,681.62	$156,017.57
2034	$2,223,989.64	$136,330.57	$2,360,320.21	($195,664.04)	($6,311.74)	($201,975.79)	$351,681.62	$149,705.83
2035	$2,360,320.21	$144,687.63	$2,505,007.84	($201,975.79)	($6,311.74)	($208,287.53)	$351,681.62	$143,394.09
2036	$2,505,007.84	$153,556.98	$2,658,564.82	($208,287.53)	($6,311.74)	($214,599.27)	$351,681.62	$137,082.34
2037	$2,658,564.82	$162,970.02	$2,821,534.84	($214,599.27)	($6,311.74)	($220,911.02)	$351,681.62	$130,770.60
2038	$2,821,534.84	$172,960.09	$2,994,494.93	($220,911.02)	($6,311.74)	($227,222.76)	$351,681.62	$124,458.86
2039	$2,994,494.93	$183,562.54	$3,178,057.47	($227,222.76)	($6,311.74)	($233,534.51)	$351,681.62	$118,147.11
2040	$3,178,057.47	$194,814.92	$3,372,872.39	($233,534.51)	($6,311.74)	($239,846.25)	$351,681.62	$111,835.37
2041	$3,372,872.39	$206,757.08	$3,579,629.47	($239,846.25)	($6,311.74)	($246,157.99)	$351,681.62	$105,523.63
2042	$3,579,629.47	$219,431.29	$3,799,060.75	($246,157.99)	($6,311.74)	($252,469.74)	$351,681.62	$99,211.88
2043	$3,799,060.75	$232,882.42	$4,031,943.18	($252,469.74)	($6,311.74)	($258,781.48)	$351,681.62	$92,900.14
2044	$4,031,943.18	$118,826.41	$4,150,769.58	($258,781.48)	($1,858.00)	($260,639.48)	$351,681.62	$91,042.14
2045	$4,150,769.58	$126,110.47	$4,276,880.05	($260,639.48)	($1,858.00)	($262,497.48)	$351,681.62	$89,184.13
2046	$4,276,880.05	$133,841.04	$4,410,721.08	($262,497.48)	($1,858.00)	($264,355.49)	$351,681.62	$87,326.13
2047	$4,410,721.08	$142,045.49	$4,552,766.58	($264,355.49)	($1,858.00)	($266,213.49)	$351,681.62	$85,468.13
2048	$4,552,766.58	$150,752.88	$4,703,519.46	($266,213.49)	($1,858.00)	($268,071.49)	$351,681.62	$83,610.13
2049	$4,703,519.46	$159,994.03	$4,863,513.49	($268,071.49)	($1,858.00)	($269,929.50)	$351,681.62	$81,752.12
2050	$4,863,513.49	$169,801.67	$5,033,315.16	($269,929.50)	($1,858.00)	($271,787.50)	$351,681.62	$79,894.12
2051	$5,033,315.16	$180,210.51	$5,213,525.67	($271,787.50)	($1,858.00)	($273,645.50)	$351,681.62	$78,036.12
2052	$5,213,525.67	$191,257.41	$5,404,783.08	($273,645.50)	($1,858.00)	($275,503.50)	$351,681.62	$76,178.11
2053	$5,404,783.08	$202,981.49	$5,607,764.57	($275,503.50)	($1,858.00)	($277,361.51)	$351,681.62	$74,320.11
2054	$5,607,764.57	$215,424.26	$5,823,188.83	($277,361.51)	($1,858.00)	($279,219.51)	$351,681.62	$72,462.11
2055	$5,823,188.83	$228,629.77	$6,051,818.60	($279,219.51)	($1,858.00)	($281,077.51)	$351,681.62	$70,604.11
2056	$6,051,818.60	$242,644.77	$6,294,463.37	($281,077.51)	($1,858.00)	($282,935.51)	$351,681.62	$68,746.10
2057	$6,294,463.37	$257,518.89	$6,551,982.26	($282,935.51)	($1,858.00)	($284,793.52)	$351,681.62	$66,888.10
2058	$6,551,982.26	$273,304.80	$6,825,287.06	($284,793.52)	($1,858.00)	($286,651.52)	$351,681.62	$65,030.10
2059	$6,825,287.06	$290,058.39	$7,115,345.45	($286,651.52)	($1,858.00)	($288,509.52)	$351,681.62	$63,172.10
2060	$7,115,345.45	$307,838.97	$7,423,184.42	($288,509.52)	($1,858.00)	($290,367.53)	$351,681.62	$61,314.09
2061	$7,423,184.42	$326,709.49	$7,749,893.91	($290,367.53)	($1,858.00)	($292,225.53)	$351,681.62	$59,456.09
2062	$7,749,893.91	$346,736.79	$8,096,630.70	($292,225.53)	($1,858.00)	($294,083.53)	$351,681.62	$57,598.09
2063	$8,096,630.70	$367,991.75	$8,464,622.45	($294,083.53)	($1,858.00)	($295,941.53)	$351,681.62	$55,740.08
2064	$8,464,622.45	$390,549.65	$8,855,172.10	($295,941.53)	($1,858.00)	($297,799.54)	$351,681.62	$53,882.08
2065	$8,855,172.10	$414,490.34	$9,269,662.43	($297,799.54)	($1,858.00)	($299,657.54)	$351,681.62	$52,024.08
2066	$9,269,662.43	$439,898.60	$9,709,561.03	($299,657.54)	($1,858.00)	($301,515.54)	$351,681.62	$50,166.08
2067	$9,709,561.03	$466,864.38	$10,176,425.41	($301,515.54)	($1,858.00)	($303,373.55)	$351,681.62	$48,308.07
2068	$10,176,425.41	$495,483.17	$10,671,908.58	($303,373.55)	($1,858.00)	($305,231.55)	$351,681.62	$46,450.07
2069	$10,671,908.58	$525,856.29	$11,197,764.87	($305,231.55)	($1,858.00)	($307,089.55)	$351,681.62	$44,592.07
2070	$11,197,764.87	$558,091.28	$11,755,856.14	($307,089.55)	($1,858.00)	($308,947.55)	$351,681.62	$42,734.06

2071	$11,755,856.14	$592,302.27	$12,348,158.41	($308,947.55)	($1,858.00)	($310,805.56)	$351,681.62	$40,876.06
2072	$12,348,158.41	$628,610.40	$12,976,768.82	($310,805.56)	($1,858.00)	($312,663.56)	$351,681.62	$39,018.06
2073	$12,976,768.82	$667,144.22	$13,643,913.03	($312,663.56)	($1,858.00)	($314,521.56)	$351,681.62	$37,160.06
2074	$13,643,913.03	$708,040.16	$14,351,953.19	($314,521.56)	($1,858.00)	($316,379.57)	$351,681.62	$35,302.05
2075	$14,351,953.19	$751,443.02	$15,103,396.21	($316,379.57)	($1,858.00)	($318,237.57)	$351,681.62	$33,444.05
2076	$15,103,396.21	$797,506.48	$15,900,902.69	($318,237.57)	($1,858.00)	($320,095.57)	$351,681.62	$31,586.05
2077	$15,900,902.69	$846,393.62	$16,747,296.32	($320,095.57)	($1,858.00)	($321,953.57)	$351,681.62	$29,728.04
2078	$16,747,296.32	$898,277.55	$17,645,573.87	($321,953.57)	($1,858.00)	($323,811.58)	$351,681.62	$27,870.04
2079	$17,645,573.87	$953,341.97	$18,598,915.84	($323,811.58)	($1,858.00)	($325,669.58)	$351,681.62	$26,012.04
2080	$18,598,915.84	$1,011,781.83	$19,610,697.67	($325,669.58)	($1,858.00)	($327,527.58)	$351,681.62	$24,154.04
2081	$19,610,697.67	$1,073,804.06	$20,684,501.73	($327,527.58)	($1,858.00)	($329,385.58)	$351,681.62	$22,296.03
2082	$20,684,501.73	$1,139,628.25	$21,824,129.97	($329,385.58)	($1,858.00)	($331,243.59)	$351,681.62	$20,438.03
2083	$21,824,129.97	$1,209,487.46	$23,033,617.43	($331,243.59)	($1,858.00)	($333,101.59)	$351,681.62	$18,580.03
2084	$23,033,617.43	$1,283,629.04	$24,317,246.47	($333,101.59)	($1,858.00)	($334,959.59)	$351,681.62	$16,722.03
2085	$24,317,246.47	$1,362,315.50	$25,679,561.96	($334,959.59)	($1,858.00)	($336,817.60)	$351,681.62	$14,864.02
2086	$25,679,561.96	$1,445,825.44	$27,125,387.40	($336,817.60)	($1,858.00)	($338,675.60)	$351,681.62	$13,006.02
2087	$27,125,387.40	$1,534,454.54	$28,659,841.94	($338,675.60)	($1,858.00)	($340,533.60)	$351,681.62	$11,148.02
2088	$28,659,841.94	$1,628,516.60	$30,288,358.54	($340,533.60)	($1,858.00)	($342,391.60)	$351,681.62	$9,290.01
2089	$30,288,358.54	$1,728,344.67	$32,016,703.21	($342,391.60)	($1,858.00)	($344,249.61)	$351,681.62	$7,432.01
2090	$32,016,703.21	$1,834,292.20	$33,850,995.41	($344,249.61)	($1,858.00)	($346,107.61)	$351,681.62	$5,574.01
2091	$33,850,995.41	$1,946,734.31	$35,797,729.72	($346,107.61)	($1,858.00)	($347,965.61)	$351,681.62	$3,716.01
2092	$35,797,729.72	$2,066,069.12	$37,863,798.84	($347,965.61)	($1,858.00)	($349,823.62)	$351,681.62	$1,858.00
2093	$37,863,798.84	$2,192,719.16	$40,056,518.00	($349,823.62)	($1,858.00)	($351,681.62)	$351,681.62	($0.00)

AVISTA CORPORATION

ASSET RETIREMENT OBLIGATIONS

WORK PAPERS

COLSTRIP

Colstrip

Identified Asset Retirement Obligations

Property Identified	Location	Action Required
Process Ponds (Ash Ponds/Basins)	Colstrip	Closure of Pond and ongoing monitoring
2 Underground Storage Tanks	Colstrip	Removal and monitoring
Coal Pile - Land Remediation	Colstrip	Remediation of the land under the coal pile

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								$9,542.16
							1986	0
							1987	0
Date in Service	1986	(Unit 3 was 1984, unit 4 was 1986)		Estimate that pond was opened in 1986			1988	0
							1989	0
Remaining life of pond	20						1990	0
							1991	0
Year retired	2026						1992	0
							1993	0
CPI	3.74%						1994	0
							1995	0
Credit Adjusted Risk free rate	6.13%						1996	0
							1997	0
Cost of Closure (3&4)	$ 644,677.77	15%	$ 4,297,851.81				1998	0
Cost of Closure (1-4)	$ 3,472.86	7.50%	$ 46,304.74				1999	0
	$ 648,150.63						2000	0
							2001	0
Ongoing maintenance	$ 2,250.00	7.50%	$ 30,000.00	per year for 30 years after closure			2002	0
							2003	0
	Cost		On-going	$31,362.45			2004	0
							2005	0
2006	672,391.46		2334.15	0			2006	0.00
2007	697,538.90		2,421.45	0			2007	0.00
2008	723,626.86		2,512.01	0			2008	0.00
2009	750,690.50		2,605.96	0			2009	0.00
2010	778,766.33		2,703.42	0			2010	0.00
2011	807,892.19		2,804.53	0			2011	0.00
2012	838,107.35		2,909.42	0			2012	0.00
2013	869,452.57		3,018.23	0			2013	0.00
2014	901,970.10		3,131.11	0			2014	0.00
2015	935,703.78		3,248.22	0			2015	0.00
2016	970,699.10		3,369.70	0			2016	0.00
2017	1,007,003.24		3,495.73	0			2017	0.00
2018	1,044,665.17		3,626.47	0			2018	0.00
2019	1,083,735.64		3,762.10	0			2019	0.00
2020	1,124,267.36		3,902.80	0			2020	0.00
2021	1,166,314.96		4,048.76	0			2021	0.00
2022	1,209,935.13		4,200.19	0			2022	0.00
2023	1,255,186.71		4,357.27	0			2023	0.00
2024	1,302,130.69		4,520.24	0			2024	0.00
2025	1,350,830.38		4,689.29	0			2025	0.00
2026			4,864.67	4,864.67			2026	4,864.67
2027			5,046.61	5,046.61			2027	5,046.61
2028			5,235.35	5,235.35			2028	5,235.35
2029			5,431.16	5,431.15			2029	5,431.15

2030			5,634.28	5,634.28			2030	5,634.28	
2031			5,845.00	5,845.00			2031	5,845.00	
2032			6,063.61	6,063.60			2032	6,063.60	
2033			6,290.39	6,290.38			2033	6,290.38	
2034			6,525.65	6,525.64			2034	6,525.64	
2035			6,769.71	6,769.70			2035	6,769.70	
2036			7,022.89	7,022.89			2036	7,022.89	
2037			7,285.55	7,285.55			2037	7,285.55	
2038			7,558.03	7,558.02			2038	7,558.02	
2039			7,840.70	7,840.69			2039	7,840.69	
2040			8,133.94	8,133.94			2040	8,133.94	
2041			8,438.15	8,438.15			2041	8,438.15	
2042			8,753.74	8,753.73			2042	8,753.73	
2043			9,081.13	9,081.12			2043	9,081.12	
2044			9,420.76	9,420.76			2044	9,420.76	
2045			9,773.10	9,773.09			2045	9,773.09	
2046			10,138.61	10,138.61			2046	10,138.61	
2047			10,517.80	10,517.79			2047	10,517.79	
2048			10,911.16	10,911.16			2048	10,911.16	
2049			11,319.24	11,319.23			2049	11,319.23	
2050			11,742.58	11,742.57			2050	11,742.57	
2051			12,181.75	12,181.74			2051	12,181.74	
2052			12,637.35	12,637.34			2052	12,637.34	
2053			13,109.99	13,109.98			2053	13,109.98	
2054			13,600.30	13,600.29			2054	13,600.29	
2055			14,108.95	14,108.94			2055	14,108.94	
2056			14,636.62	14,636.62			2056	14,636.62	
				275,918.61	Total			275,918.61	
PV (2005)	$410,995.94								
PV (1986)	$125,047.28								

COST OF CLOSURE:									
	PV	Accretion	balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$125,047.28	$7,665.40	$132,712.68			($3,126.18)	($3,126.18)	$125,047.28	$121,921.10
1987	$132,712.68	$8,135.29	$140,847.97		($3,126.18)	($3,126.18)	($6,252.36)	$125,047.28	$118,794.92
1988	$140,847.97	$8,633.98	$149,481.95		($6,252.36)	($3,126.18)	($9,378.55)	$125,047.28	$115,668.73
1989	$149,481.95	$9,163.24	$158,645.19		($9,378.55)	($3,126.18)	($12,504.73)	$125,047.28	$112,542.55
1990	$158,645.19	$9,724.95	$168,370.14		($12,504.73)	($3,126.18)	($15,630.91)	$125,047.28	$109,416.37
1991	$168,370.14	$10,321.09	$178,691.23		($15,630.91)	($3,126.18)	($18,757.09)	$125,047.28	$106,290.19
1992	$178,691.23	$10,953.77	$189,645.00		($18,757.09)	($3,126.18)	($21,883.27)	$125,047.28	$103,164.01
1993	$189,645.00	$11,625.24	$201,270.24		($21,883.27)	($3,126.18)	($25,009.46)	$125,047.28	$100,037.82
1994	$201,270.24	$12,337.87	$213,608.11		($25,009.46)	($3,126.18)	($28,135.64)	$125,047.28	$96,911.64
1995	$213,608.11	$13,094.18	$226,702.28		($28,135.64)	($3,126.18)	($31,261.82)	$125,047.28	$93,785.46
1996	$226,702.28	$13,896.85	$240,599.13		($31,261.82)	($3,126.18)	($34,388.00)	$125,047.28	$90,659.28
1997	$240,599.13	$14,748.73	$255,347.86		($34,388.00)	($3,126.18)	($37,514.18)	$125,047.28	$87,533.10
1998	$255,347.86	$15,652.82	$271,000.68		($37,514.18)	($3,126.18)	($40,640.37)	$125,047.28	$84,406.91
1999	$271,000.68	$16,612.34	$287,613.02		($40,640.37)	($3,126.18)	($43,766.55)	$125,047.28	$81,280.73
2000	$287,613.02	$17,630.68	$305,243.70		($43,766.55)	($3,126.18)	($46,892.73)	$125,047.28	$78,154.55
2001	$305,243.70	$18,711.44	$323,955.14		($46,892.73)	($3,126.18)	($50,018.91)	$125,047.28	$75,028.37
2002	$323,955.14	$19,858.45	$343,813.59		($50,018.91)	($3,126.18)	($53,145.09)	$125,047.28	$71,902.19
2003	$343,813.59	$21,075.77	$364,889.37		($53,145.09)	($3,126.18)	($56,271.28)	$125,047.28	$68,776.00
2004	$364,889.37	$22,367.72	$387,257.08		($56,271.28)	($3,126.18)	($59,397.46)	$125,047.28	$65,649.82
2005	$387,257.08	$23,738.86	$410,995.94		($59,397.46)	($3,126.18)	($62,523.64)	$125,047.28	$62,523.64
2006	$410,995.94	$25,194.05	$436,189.99		($62,523.64)	($3,126.18)	($65,649.82)	$125,047.28	$59,397.46
2007	$436,189.99	$26,738.45	$462,928.44		($65,649.82)	($3,126.18)	($68,776.00)	$125,047.28	$56,271.28
2008	$462,928.44	$28,377.51	$491,305.95		($68,776.00)	($3,126.18)	($71,902.19)	$125,047.28	$53,145.09
2009	$491,305.95	$30,117.05	$521,423.01		($71,902.19)	($3,126.18)	($75,028.37)	$125,047.28	$50,018.91
2010	$521,423.01	$31,963.23	$553,386.24		($75,028.37)	($3,126.18)	($78,154.55)	$125,047.28	$46,892.73
2011	$553,386.24	$33,922.58	$587,308.82		($78,154.55)	($3,126.18)	($81,280.73)	$125,047.28	$43,766.55
2012	$587,308.82	$36,002.03	$623,310.85		($81,280.73)	($3,126.18)	($84,406.91)	$125,047.28	$40,640.37
2013	$623,310.85	$38,208.95	$661,519.80		($84,406.91)	($3,126.18)	($87,533.10)	$125,047.28	$37,514.18
2014	$661,519.80	$40,551.16	$702,070.96		($87,533.10)	($3,126.18)	($90,659.28)	$125,047.28	$34,388.00
2015	$702,070.96	$43,036.95	$745,107.91		($90,659.28)	($3,126.18)	($93,785.46)	$125,047.28	$31,261.82
2016	$745,107.91	$45,675.12	$790,783.03		($93,785.46)	($3,126.18)	($96,911.64)	$125,047.28	$28,135.64
2017	$790,783.03	$48,475.00	$839,258.03		($96,911.64)	($3,126.18)	($100,037.82)	$125,047.28	$25,009.46
2018	$839,258.03	$51,446.52	$890,704.55		($100,037.82)	($3,126.18)	($103,164.01)	$125,047.28	$21,883.27
2019	$890,704.55	$54,600.19	$945,304.74		($103,164.01)	($3,126.18)	($106,290.19)	$125,047.28	$18,757.09
2020	$945,304.74	$57,947.18	$1,003,251.92		($106,290.19)	($3,126.18)	($109,416.37)	$125,047.28	$15,630.91
2021	$1,003,251.92	$61,499.34	$1,064,751.26		($109,416.37)	($3,126.18)	($112,542.55)	$125,047.28	$12,504.73
2022	$1,064,751.26	$65,269.25	$1,130,020.51		($112,542.55)	($3,126.18)	($115,668.73)	$125,047.28	$9,378.55
2023	$1,130,020.51	$69,270.26	$1,199,290.77		($115,668.73)	($3,126.18)	($118,794.92)	$125,047.28	$6,252.36
2024	$1,199,290.77	$73,516.52	$1,272,807.29		($118,794.92)	($3,126.18)	($121,921.10)	$125,047.28	$3,126.18
2025	$1,272,807.29	$78,023.09	$1,350,830.38		($121,921.10)	($3,126.18)	($125,047.28)	$125,047.28	$0.00
2026									

ON-GOING MAINT.:	PV	Accretion	balance	Payment	Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$9,542.16	$584.93	$10,127.09			($136.32)	($136.32)	$9,542.16	$9,405.84
1987	$10,127.09	$620.79	$10,747.88		($136.32)	($136.32)	($272.63)	$9,542.16	$9,269.53
1988	$10,747.88	$658.85	$11,406.73		($272.63)	($136.32)	($408.95)	$9,542.16	$9,133.21
1989	$11,406.73	$699.23	$12,105.96		($408.95)	($136.32)	($545.27)	$9,542.16	$8,996.89
1990	$12,105.96	$742.10	$12,848.06		($545.27)	($136.32)	($681.58)	$9,542.16	$8,860.58
1991	$12,848.06	$787.59	$13,635.64		($681.58)	($136.32)	($817.90)	$9,542.16	$8,724.26
1992	$13,635.64	$835.86	$14,471.51		($817.90)	($136.32)	($954.22)	$9,542.16	$8,587.94
1993	$14,471.51	$887.10	$15,358.61		($954.22)	($136.32)	($1,090.53)	$9,542.16	$8,451.63
1994	$15,358.61	$941.48	$16,300.10		($1,090.53)	($136.32)	($1,226.85)	$9,542.16	$8,315.31
1995	$16,300.10	$999.20	$17,299.29		($1,226.85)	($136.32)	($1,363.17)	$9,542.16	$8,178.99
1996	$17,299.29	$1,060.45	$18,359.74		($1,363.17)	($136.32)	($1,499.48)	$9,542.16	$8,042.68
1997	$18,359.74	$1,125.45	$19,485.19		($1,499.48)	($136.32)	($1,635.80)	$9,542.16	$7,906.36
1998	$19,485.19	$1,194.44	$20,679.63		($1,635.80)	($136.32)	($1,772.12)	$9,542.16	$7,770.04
1999	$20,679.63	$1,267.66	$21,947.29		($1,772.12)	($136.32)	($1,908.43)	$9,542.16	$7,633.73
2000	$21,947.29	$1,345.37	$23,292.66		($1,908.43)	($136.32)	($2,044.75)	$9,542.16	$7,497.41
2001	$23,292.66	$1,427.84	$24,720.50		($2,044.75)	($136.32)	($2,181.07)	$9,542.16	$7,361.09
2002	$24,720.50	$1,515.37	$26,235.87		($2,181.07)	($136.32)	($2,317.38)	$9,542.16	$7,224.78
2003	$26,235.87	$1,608.26	$27,844.13		($2,317.38)	($136.32)	($2,453.70)	$9,542.16	$7,088.46
2004	$27,844.13	$1,706.85	$29,550.97		($2,453.70)	($136.32)	($2,590.01)	$9,542.16	$6,952.14
2005	$29,550.97	$1,811.47	$31,362.45		($2,590.01)	($136.32)	($2,726.33)	$9,542.16	$6,815.83
2006	$31,362.45	$1,922.52	$33,284.97		($2,726.33)	($136.32)	($2,862.65)	$9,542.16	$6,679.51
2007	$33,284.97	$2,040.37	$35,325.33		($2,862.65)	($136.32)	($2,998.96)	$9,542.16	$6,543.20
2008	$35,325.33	$2,165.44	$37,490.78		($2,998.96)	($136.32)	($3,135.28)	$9,542.16	$6,406.88
2009	$37,490.78	$2,298.18	$39,788.96		($3,135.28)	($136.32)	($3,271.60)	$9,542.16	$6,270.56
2010	$39,788.96	$2,439.06	$42,228.03		($3,271.60)	($136.32)	($3,407.91)	$9,542.16	$6,134.25
2011	$42,228.03	$2,588.58	$44,816.60		($3,407.91)	($136.32)	($3,544.23)	$9,542.16	$5,997.93
2012	$44,816.60	$2,747.26	$47,563.86		($3,544.23)	($136.32)	($3,680.55)	$9,542.16	$5,861.61
2013	$47,563.86	$2,915.66	$50,479.53		($3,680.55)	($136.32)	($3,816.86)	$9,542.16	$5,725.30
2014	$50,479.53	$3,094.39	$53,573.92		($3,816.86)	($136.32)	($3,953.18)	$9,542.16	$5,588.98
2015	$53,573.92	$3,284.08	$56,858.00		($3,953.18)	($136.32)	($4,089.50)	$9,542.16	$5,452.66
2016	$56,858.00	$3,485.40	$60,343.40		($4,089.50)	($136.32)	($4,225.81)	$9,542.16	$5,316.35
2017	$60,343.40	$3,699.05	$64,042.45		($4,225.81)	($136.32)	($4,362.13)	$9,542.16	$5,180.03
2018	$64,042.45	$3,925.80	$67,968.25		($4,362.13)	($136.32)	($4,498.45)	$9,542.16	$5,043.71
2019	$67,968.25	$4,166.45	$72,134.70		($4,498.45)	($136.32)	($4,634.76)	$9,542.16	$4,907.40
2020	$72,134.70	$4,421.86	$76,556.56		($4,634.76)	($136.32)	($4,771.08)	$9,542.16	$4,771.08
2021	$76,556.56	$4,692.92	$81,249.48		($4,771.08)	($136.32)	($4,907.40)	$9,542.16	$4,634.76
2022	$81,249.48	$4,980.59	$86,230.07		($4,907.40)	($136.32)	($5,043.71)	$9,542.16	$4,498.45
2023	$86,230.07	$5,285.90	$91,515.98		($5,043.71)	($136.32)	($5,180.03)	$9,542.16	$4,362.13
2024	$91,515.98	$5,609.93	$97,125.91		($5,180.03)	($136.32)	($5,316.35)	$9,542.16	$4,225.81
2025	$97,125.91	$5,953.82	$103,079.72		($5,316.35)	($136.32)	($5,452.66)	$9,542.16	$4,089.50
2026	$103,079.72	$6,318.79	$109,398.51	(4,864.67)	($5,452.66)	($136.32)	($5,588.98)	$9,542.16	$3,953.18
2027	$104,533.84	$6,407.92	$110,941.76	(5,046.61)	($5,588.98)	($136.32)	($5,725.30)	$9,542.16	$3,816.86
2028	$105,895.16	$6,491.37	$112,386.53	(5,235.35)	($5,725.30)	($136.32)	($5,861.61)	$9,542.16	$3,680.55

2029	$107,151.18	$6,568.37	$113,719.54	(5,431.15)	($5,861.61)	($136.32)	($5,997.93)	$9,542.16	$3,544.23
2030	$108,288.39	$6,638.08	$114,926.47	(5,634.28)	($5,997.93)	($136.32)	($6,134.25)	$9,542.16	$3,407.91
2031	$109,292.19	$6,699.61	$115,991.80	(5,845.00)	($6,134.25)	($136.32)	($6,270.56)	$9,542.16	$3,271.60
2032	$110,146.80	$6,752.00	$116,898.80	(6,063.60)	($6,270.56)	($136.32)	($6,406.88)	$9,542.16	$3,135.28
2033	$110,835.19	$6,794.20	$117,629.39	(6,290.38)	($6,406.88)	($136.32)	($6,543.20)	$9,542.16	$2,998.96
2034	$111,339.01	$6,825.08	$118,164.09	(6,525.64)	($6,543.20)	($136.32)	($6,679.51)	$9,542.16	$2,862.65
2035	$111,638.45	$6,843.44	$118,481.88	(6,769.70)	($6,679.51)	($136.32)	($6,815.83)	$9,542.16	$2,726.33
2036	$111,712.18	$6,847.96	$118,560.14	(7,022.89)	($6,815.83)	($136.32)	($6,952.14)	$9,542.16	$2,590.01
2037	$111,537.25	$6,837.23	$118,374.48	(7,285.55)	($6,952.14)	($136.32)	($7,088.46)	$9,542.16	$2,453.70
2038	$111,088.94	$6,809.75	$117,898.69	(7,558.02)	($7,088.46)	($136.32)	($7,224.78)	$9,542.16	$2,317.38
2039	$110,340.66	$6,763.88	$117,104.55	(7,840.69)	($7,224.78)	($136.32)	($7,361.09)	$9,542.16	$2,181.07
2040	$109,263.85	$6,697.87	$115,961.73	(8,133.94)	($7,361.09)	($136.32)	($7,497.41)	$9,542.16	$2,044.75
2041	$107,827.79	$6,609.84	$114,437.63	(8,438.15)	($7,497.41)	($136.32)	($7,633.73)	$9,542.16	$1,908.43
2042	$105,999.49	$6,497.77	$112,497.25	(8,753.73)	($7,633.73)	($136.32)	($7,770.04)	$9,542.16	$1,772.12
2043	$103,743.52	$6,359.48	$110,103.00	(9,081.12)	($7,770.04)	($136.32)	($7,906.36)	$9,542.16	$1,635.80
2044	$101,021.88	$6,192.64	$107,214.52	(9,420.76)	($7,906.36)	($136.32)	($8,042.68)	$9,542.16	$1,499.48
2045	$97,793.76	$5,994.76	$103,788.52	(9,773.09)	($8,042.68)	($136.32)	($8,178.99)	$9,542.16	$1,363.17
2046	$94,015.43	$5,763.15	$99,778.57	(10,138.61)	($8,178.99)	($136.32)	($8,315.31)	$9,542.16	$1,226.85
2047	$89,639.97	$5,494.93	$95,134.90	(10,517.79)	($8,315.31)	($136.32)	($8,451.63)	$9,542.16	$1,090.53
2048	$84,617.11	$5,187.03	$89,804.13	(10,911.16)	($8,451.63)	($136.32)	($8,587.94)	$9,542.16	$954.22
2049	$78,892.98	$4,836.14	$83,729.12	(11,319.23)	($8,587.94)	($136.32)	($8,724.26)	$9,542.16	$817.90
2050	$72,409.89	$4,438.73	$76,848.61	(11,742.57)	($8,724.26)	($136.32)	($8,860.58)	$9,542.16	$681.58
2051	$65,106.04	$3,991.00	$69,097.04	(12,181.74)	($8,860.58)	($136.32)	($8,996.89)	$9,542.16	$545.27
2052	$56,915.30	$3,488.91	$60,404.20	(12,637.34)	($8,996.89)	($136.32)	($9,133.21)	$9,542.16	$408.95
2053	$47,766.86	$2,928.11	$50,694.97	(13,109.98)	($9,133.21)	($136.32)	($9,269.53)	$9,542.16	$272.63
2054	$37,584.99	$2,303.96	$39,888.95	(13,600.29)	($9,269.53)	($136.32)	($9,405.84)	$9,542.16	$136.32
2055	$26,288.66	$1,611.49	$27,900.16	(14,108.94)	($9,405.84)	($136.32)	($9,542.16)	$9,542.16	$0.00
2056	$13,791.22	$845.40	$14,636.62	(14,636.62)	($9,542.16)	$0.00	($9,542.16)	$9,542.16	$0.00

TOTAL									
	PV	Accretion	balance	Payment	Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$134,589.44	$8,250.33	$142,839.77			($3,262.50)	($3,262.50)	$134,589.44	$131,326.94
1987	$142,839.77	$8,756.08	$151,595.85		($3,262.50)	($3,262.50)	($6,525.00)	$134,589.44	$128,064.44
1988	$151,595.85	$9,292.83	$160,888.68		($6,525.00)	($3,262.50)	($9,787.50)	$134,589.44	$124,801.94
1989	$160,888.68	$9,862.48	$170,751.15		($9,787.50)	($3,262.50)	($13,049.99)	$134,589.44	$121,539.45
1990	$170,751.15	$10,467.05	$181,218.20		($13,049.99)	($3,262.50)	($16,312.49)	$134,589.44	$118,276.95
1991	$181,218.20	$11,108.68	$192,326.87		($16,312.49)	($3,262.50)	($19,574.99)	$134,589.44	$115,014.45
1992	$192,326.87	$11,789.64	$204,116.51		($19,574.99)	($3,262.50)	($22,837.49)	$134,589.44	$111,751.95
1993	$204,116.51	$12,512.34	$216,628.85		($22,837.49)	($3,262.50)	($26,099.99)	$134,589.44	$108,489.45
1994	$216,628.85	$13,279.35	$229,908.20		($26,099.99)	($3,262.50)	($29,362.49)	$134,589.44	$105,226.95
1995	$229,908.20	$14,093.37	$244,001.57		($29,362.49)	($3,262.50)	($32,624.99)	$134,589.44	$101,964.45
1996	$244,001.57	$14,957.30	$258,958.87		($32,624.99)	($3,262.50)	($35,887.48)	$134,589.44	$98,701.96
1997	$258,958.87	$15,874.18	$274,833.05		($35,887.48)	($3,262.50)	($39,149.98)	$134,589.44	$95,439.46
1998	$274,833.05	$16,847.27	$291,680.31		($39,149.98)	($3,262.50)	($42,412.48)	$134,589.44	$92,176.96
1999	$291,680.31	$17,880.00	$309,560.32		($42,412.48)	($3,262.50)	($45,674.98)	$134,589.44	$88,914.46
2000	$309,560.32	$18,976.05	$328,536.37		($45,674.98)	($3,262.50)	($48,937.48)	$134,589.44	$85,651.96
2001	$328,536.37	$20,139.28	$348,675.64		($48,937.48)	($3,262.50)	($52,199.98)	$134,589.44	$82,389.46
2002	$348,675.64	$21,373.82	$370,049.46		($52,199.98)	($3,262.50)	($55,462.48)	$134,589.44	$79,126.96
2003	$370,049.46	$22,684.03	$392,733.49		($55,462.48)	($3,262.50)	($58,724.97)	$134,589.44	$75,864.47
2004	$392,733.49	$24,074.56	$416,808.06		($58,724.97)	($3,262.50)	($61,987.47)	$134,589.44	$72,601.97
2005	$416,808.06	$25,550.33	$442,358.39		($61,987.47)	($3,262.50)	($65,249.97)	$134,589.44	$69,339.47
2006	$442,358.39	$27,116.57	$469,474.96		($65,249.97)	($3,262.50)	($68,512.47)	$134,589.44	$66,076.97
2007	$469,474.96	$28,778.82	$498,253.78		($68,512.47)	($3,262.50)	($71,774.97)	$134,589.44	$62,814.47
2008	$498,253.78	$30,542.96	$528,796.73		($71,774.97)	($3,262.50)	($75,037.47)	$134,589.44	$59,551.97
2009	$528,796.73	$32,415.24	$561,211.97		($75,037.47)	($3,262.50)	($78,299.97)	$134,589.44	$56,289.47
2010	$561,211.97	$34,402.29	$595,614.27		($78,299.97)	($3,262.50)	($81,562.46)	$134,589.44	$53,026.98
2011	$595,614.27	$36,511.15	$632,125.42		($81,562.46)	($3,262.50)	($84,824.96)	$134,589.44	$49,764.48
2012	$632,125.42	$38,749.29	$670,874.71		($84,824.96)	($3,262.50)	($88,087.46)	$134,589.44	$46,501.98
2013	$670,874.71	$41,124.62	$711,999.33		($88,087.46)	($3,262.50)	($91,349.96)	$134,589.44	$43,239.48
2014	$711,999.33	$43,645.56	$755,644.89		($91,349.96)	($3,262.50)	($94,612.46)	$134,589.44	$39,976.98
2015	$755,644.89	$46,321.03	$801,965.92		($94,612.46)	($3,262.50)	($97,874.96)	$134,589.44	$36,714.48
2016	$801,965.92	$49,160.51	$851,126.43		($97,874.96)	($3,262.50)	($101,137.46)	$134,589.44	$33,451.98
2017	$851,126.43	$52,174.05	$903,300.48		($101,137.46)	($3,262.50)	($104,399.95)	$134,589.44	$30,189.49
2018	$903,300.48	$55,372.32	$958,672.80		($104,399.95)	($3,262.50)	($107,662.45)	$134,589.44	$26,926.99
2019	$958,672.80	$58,766.64	$1,017,439.44		($107,662.45)	($3,262.50)	($110,924.95)	$134,589.44	$23,664.49
2020	$1,017,439.44	$62,369.04	$1,079,808.48		($110,924.95)	($3,262.50)	($114,187.45)	$134,589.44	$20,401.99

2021	$1,079,808.48	$66,192.26	$1,146,000.74		($114,187.45)	($3,262.50)	($117,449.95)	$134,589.44	$17,139.49
2022	$1,146,000.74	$70,249.85	$1,216,250.58		($117,449.95)	($3,262.50)	($120,712.45)	$134,589.44	$13,876.99
2023	$1,216,250.58	$74,556.16	$1,290,806.74		($120,712.45)	($3,262.50)	($123,974.95)	$134,589.44	$10,614.49
2024	$1,290,806.74	$79,126.45	$1,369,933.20		($123,974.95)	($3,262.50)	($127,237.44)	$134,589.44	$7,352.00
2025	$1,369,933.20	$83,976.91	$1,453,910.10	(1,350,830.38)	($127,237.44)	($3,262.50)	($130,499.94)	$134,589.44	$4,089.50
2026	$103,079.72	$6,318.79	$109,398.51	(4,864.67)	($130,499.94)	($136.32)	($130,636.26)	$134,589.44	$3,953.18
2027	$104,533.84	$6,407.92	$110,941.76	(5,046.61)	($130,636.26)	($136.32)	($130,772.58)	$134,589.44	$3,816.86
2028	$105,895.16	$6,491.37	$112,386.53	(5,235.35)	($130,772.58)	($136.32)	($130,908.89)	$134,589.44	$3,680.55
2029	$107,151.18	$6,568.37	$113,719.54	(5,431.15)	($130,908.89)	($136.32)	($131,045.21)	$134,589.44	$3,544.23
2030	$108,288.39	$6,638.08	$114,926.47	(5,634.28)	($131,045.21)	($136.32)	($131,181.53)	$134,589.44	$3,407.91
2031	$109,292.19	$6,699.61	$115,991.80	(5,845.00)	($131,181.53)	($136.32)	($131,317.84)	$134,589.44	$3,271.60
2032	$110,146.80	$6,752.00	$116,898.80	(6,063.60)	($131,317.84)	($136.32)	($131,454.16)	$134,589.44	$3,135.28
2033	$110,835.19	$6,794.20	$117,629.39	(6,290.38)	($131,454.16)	($136.32)	($131,590.48)	$134,589.44	$2,998.96
2034	$111,339.01	$6,825.08	$118,164.09	(6,525.64)	($131,590.48)	($136.32)	($131,726.79)	$134,589.44	$2,862.65
2035	$111,638.45	$6,843.44	$118,481.88	(6,769.70)	($131,726.79)	($136.32)	($131,863.11)	$134,589.44	$2,726.33
2036	$111,712.18	$6,847.96	$118,560.14	(7,022.89)	($131,863.11)	($136.32)	($131,999.42)	$134,589.44	$2,590.01
2037	$111,537.25	$6,837.23	$118,374.48	(7,285.55)	($131,999.42)	($136.32)	($132,135.74)	$134,589.44	$2,453.70
2038	$111,088.93	$6,809.75	$117,898.69	(7,558.02)	($132,135.74)	($136.32)	($132,272.06)	$134,589.44	$2,317.38
2039	$110,340.66	$6,763.88	$117,104.54	(7,840.69)	($132,272.06)	($136.32)	($132,408.37)	$134,589.44	$2,181.07
2040	$109,263.85	$6,697.87	$115,961.72	(8,133.94)	($132,408.37)	($136.32)	($132,544.69)	$134,589.44	$2,044.75
2041	$107,827.79	$6,609.84	$114,437.63	(8,438.15)	($132,544.69)	($136.32)	($132,681.01)	$134,589.44	$1,908.43
2042	$105,999.48	$6,497.77	$112,497.25	(8,753.73)	($132,681.01)	($136.32)	($132,817.32)	$134,589.44	$1,772.12
2043	$103,743.52	$6,359.48	$110,103.00	(9,081.12)	($132,817.32)	($136.32)	($132,953.64)	$134,589.44	$1,635.80
2044	$101,021.88	$6,192.64	$107,214.52	(9,420.76)	($132,953.64)	($136.32)	($133,089.96)	$134,589.44	$1,499.48
2045	$97,793.76	$5,994.76	$103,788.52	(9,773.09)	($133,089.96)	($136.32)	($133,226.27)	$134,589.44	$1,363.17
2046	$94,015.42	$5,763.15	$99,778.57	(10,138.61)	($133,226.27)	($136.32)	($133,362.59)	$134,589.44	$1,226.85
2047	$89,639.96	$5,494.93	$95,134.89	(10,517.79)	($133,362.59)	($136.32)	($133,498.91)	$134,589.44	$1,090.53
2048	$84,617.10	$5,187.03	$89,804.13	(10,911.16)	($133,498.91)	($136.32)	($133,635.22)	$134,589.44	$954.22
2049	$78,892.98	$4,836.14	$83,729.12	(11,319.23)	($133,635.22)	($136.32)	($133,771.54)	$134,589.44	$817.90
2050	$72,409.88	$4,438.73	$76,848.61	(11,742.57)	($133,771.54)	($136.32)	($133,907.86)	$134,589.44	$681.58
2051	$65,106.04	$3,991.00	$69,097.04	(12,181.74)	($133,907.86)	($136.32)	($134,044.17)	$134,589.44	$545.27
2052	$56,915.29	$3,488.91	$60,404.20	(12,637.34)	($134,044.17)	($136.32)	($134,180.49)	$134,589.44	$408.95
2053	$47,766.86	$2,928.11	$50,694.97	(13,109.98)	($134,180.49)	($136.32)	($134,316.81)	$134,589.44	$272.63
2054	$37,584.99	$2,303.96	$39,888.95	(13,600.29)	($134,316.81)	($136.32)	($134,453.12)	$134,589.44	$136.32
2055	$26,288.66	$1,611.49	$27,900.15	(14,108.94)	($134,453.12)	($136.32)	($134,589.44)	$134,589.44	$0.00
2056	$13,791.21	$845.40	$14,636.61	(14,636.62)	($134,589.44)	$0.00	($134,589.44)	$134,589.44	$0.00

								$9,542.16
							1986	0
							1987	0
Date in Service	1986	(Unit 3 was 1984, unit 4 was 1986)	Estimate that pond was opened in 1986				1988	0
							1989	0
Remaining life of pond	20						1990	0
							1991	0
Year retired	2026						1992	0
							1993	0
CPI	3.74%						1994	0
							1995	0
Credit Adjusted Risk free rate	6.13%						1996	0
							1997	0
Cost of Closure (3&4)	$ 644,677.77	15%	$ 4,297,851.81				1998	0
Cost of Closure (1-4)	$ 3,472.86	7.50%	$ 46,304.74				1999	0
	$ 648,150.63						2000	0
							2001	0
Ongoing maintenance	$ 2,250.00	7.50%	$ 30,000.00	per year for 30 years after closure			2002	0
							2003	0
	Cost		On-going	$31,362.45			2004	0
							2005	0
2006	672,391.46		2334.15	0			2006	0.00
2007	697,538.90		2,421.45	0			2007	0.00
2008	723,626.86		2,512.01	0			2008	0.00
2009	750,690.50		2,605.96	0			2009	0.00
2010	778,766.33		2,703.42	0			2010	0.00
2011	807,892.19		2,804.53	0			2011	0.00
2012	838,107.35		2,909.42	0			2012	0.00
2013	869,452.57		3,018.23	0			2013	0.00
2014	901,970.10		3,131.11	0			2014	0.00
2015	935,703.78		3,248.22	0			2015	0.00
2016	970,699.10		3,369.70	0			2016	0.00
2017	1,007,003.24		3,495.73	0			2017	0.00
2018	1,044,665.17		3,626.47	0			2018	0.00
2019	1,083,735.64		3,762.10	0			2019	0.00
2020	1,124,267.36		3,902.80	0			2020	0.00
2021	1,166,314.96		4,048.76	0			2021	0.00
2022	1,209,935.13		4,200.19	0			2022	0.00
2023	1,255,186.71		4,357.27	0			2023	0.00
2024	1,302,130.69		4,520.24	0			2024	0.00
2025	1,350,830.38		4,689.29	0			2025	0.00
2026			4,864.67	4,864.67			2026	4,864.67
2027			5,046.61	5,046.61			2027	5,046.61
2028			5,235.35	5,235.35			2028	5,235.35
2029			5,431.16	5,431.15			2029	5,431.15

2030			5,634.28	5,634.28			2030	5,634.28	
2031			5,845.00	5,845.00			2031	5,845.00	
2032			6,063.61	6,063.60			2032	6,063.60	
2033			6,290.39	6,290.38			2033	6,290.38	
2034			6,525.65	6,525.64			2034	6,525.64	
2035			6,769.71	6,769.70			2035	6,769.70	
2036			7,022.89	7,022.89			2036	7,022.89	
2037			7,285.55	7,285.55			2037	7,285.55	
2038			7,558.03	7,558.02			2038	7,558.02	
2039			7,840.70	7,840.69			2039	7,840.69	
2040			8,133.94	8,133.94			2040	8,133.94	
2041			8,438.15	8,438.15			2041	8,438.15	
2042			8,753.74	8,753.73			2042	8,753.73	
2043			9,081.13	9,081.12			2043	9,081.12	
2044			9,420.76	9,420.76			2044	9,420.76	
2045			9,773.10	9,773.09			2045	9,773.09	
2046			10,138.61	10,138.61			2046	10,138.61	
2047			10,517.80	10,517.79			2047	10,517.79	
2048			10,911.16	10,911.16			2048	10,911.16	
2049			11,319.24	11,319.23			2049	11,319.23	
2050			11,742.58	11,742.57			2050	11,742.57	
2051			12,181.75	12,181.74			2051	12,181.74	
2052			12,637.35	12,637.34			2052	12,637.34	
2053			13,109.99	13,109.98			2053	13,109.98	
2054			13,600.30	13,600.29			2054	13,600.29	
2055			14,108.95	14,108.94			2055	14,108.94	
2056			14,636.62	14,636.62			2056	14,636.62	
				275,918.61	Total			275,918.61	
PV (2005)	$410,995.94								
PV (1986)	$125,047.28								

COST OF CLOSURE:									
	PV	Accretion	balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$125,047.28	$7,665.40	$132,712.68			($3,126.18)	($3,126.18)	$125,047.28	$121,921.10
1987	$132,712.68	$8,135.29	$140,847.97		($3,126.18)	($3,126.18)	($6,252.36)	$125,047.28	$118,794.92
1988	$140,847.97	$8,633.98	$149,481.95		($6,252.36)	($3,126.18)	($9,378.55)	$125,047.28	$115,668.73
1989	$149,481.95	$9,163.24	$158,645.19		($9,378.55)	($3,126.18)	($12,504.73)	$125,047.28	$112,542.55
1990	$158,645.19	$9,724.95	$168,370.14		($12,504.73)	($3,126.18)	($15,630.91)	$125,047.28	$109,416.37
1991	$168,370.14	$10,321.09	$178,691.23		($15,630.91)	($3,126.18)	($18,757.09)	$125,047.28	$106,290.19
1992	$178,691.23	$10,953.77	$189,645.00		($18,757.09)	($3,126.18)	($21,883.27)	$125,047.28	$103,164.01
1993	$189,645.00	$11,625.24	$201,270.24		($21,883.27)	($3,126.18)	($25,009.46)	$125,047.28	$100,037.82
1994	$201,270.24	$12,337.87	$213,608.11		($25,009.46)	($3,126.18)	($28,135.64)	$125,047.28	$96,911.64
1995	$213,608.11	$13,094.18	$226,702.28		($28,135.64)	($3,126.18)	($31,261.82)	$125,047.28	$93,785.46
1996	$226,702.28	$13,896.85	$240,599.13		($31,261.82)	($3,126.18)	($34,388.00)	$125,047.28	$90,659.28
1997	$240,599.13	$14,748.73	$255,347.86		($34,388.00)	($3,126.18)	($37,514.18)	$125,047.28	$87,533.10
1998	$255,347.86	$15,652.82	$271,000.68		($37,514.18)	($3,126.18)	($40,640.37)	$125,047.28	$84,406.91
1999	$271,000.68	$16,612.34	$287,613.02		($40,640.37)	($3,126.18)	($43,766.55)	$125,047.28	$81,280.73
2000	$287,613.02	$17,630.68	$305,243.70		($43,766.55)	($3,126.18)	($46,892.73)	$125,047.28	$78,154.55
2001	$305,243.70	$18,711.44	$323,955.14		($46,892.73)	($3,126.18)	($50,018.91)	$125,047.28	$75,028.37
2002	$323,955.14	$19,858.45	$343,813.59		($50,018.91)	($3,126.18)	($53,145.09)	$125,047.28	$71,902.19
2003	$343,813.59	$21,075.77	$364,889.37		($53,145.09)	($3,126.18)	($56,271.28)	$125,047.28	$68,776.00
2004	$364,889.37	$22,367.72	$387,257.08		($56,271.28)	($3,126.18)	($59,397.46)	$125,047.28	$65,649.82
2005	$387,257.08	$23,738.86	$410,995.94		($59,397.46)	($3,126.18)	($62,523.64)	$125,047.28	$62,523.64
2006	$410,995.94	$25,194.05	$436,189.99		($62,523.64)	($3,126.18)	($65,649.82)	$125,047.28	$59,397.46
2007	$436,189.99	$26,738.45	$462,928.44		($65,649.82)	($3,126.18)	($68,776.00)	$125,047.28	$56,271.28
2008	$462,928.44	$28,377.51	$491,305.95		($68,776.00)	($3,126.18)	($71,902.19)	$125,047.28	$53,145.09
2009	$491,305.95	$30,117.05	$521,423.01		($71,902.19)	($3,126.18)	($75,028.37)	$125,047.28	$50,018.91
2010	$521,423.01	$31,963.23	$553,386.24		($75,028.37)	($3,126.18)	($78,154.55)	$125,047.28	$46,892.73
2011	$553,386.24	$33,922.58	$587,308.82		($78,154.55)	($3,126.18)	($81,280.73)	$125,047.28	$43,766.55
2012	$587,308.82	$36,002.03	$623,310.85		($81,280.73)	($3,126.18)	($84,406.91)	$125,047.28	$40,640.37
2013	$623,310.85	$38,208.95	$661,519.80		($84,406.91)	($3,126.18)	($87,533.10)	$125,047.28	$37,514.18
2014	$661,519.80	$40,551.16	$702,070.96		($87,533.10)	($3,126.18)	($90,659.28)	$125,047.28	$34,388.00
2015	$702,070.96	$43,036.95	$745,107.91		($90,659.28)	($3,126.18)	($93,785.46)	$125,047.28	$31,261.82
2016	$745,107.91	$45,675.12	$790,783.03		($93,785.46)	($3,126.18)	($96,911.64)	$125,047.28	$28,135.64
2017	$790,783.03	$48,475.00	$839,258.03		($96,911.64)	($3,126.18)	($100,037.82)	$125,047.28	$25,009.46
2018	$839,258.03	$51,446.52	$890,704.55		($100,037.82)	($3,126.18)	($103,164.01)	$125,047.28	$21,883.27
2019	$890,704.55	$54,600.19	$945,304.74		($103,164.01)	($3,126.18)	($106,290.19)	$125,047.28	$18,757.09
2020	$945,304.74	$57,947.18	$1,003,251.92		($106,290.19)	($3,126.18)	($109,416.37)	$125,047.28	$15,630.91
2021	$1,003,251.92	$61,499.34	$1,064,751.26		($109,416.37)	($3,126.18)	($112,542.55)	$125,047.28	$12,504.73
2022	$1,064,751.26	$65,269.25	$1,130,020.51		($112,542.55)	($3,126.18)	($115,668.73)	$125,047.28	$9,378.55
2023	$1,130,020.51	$69,270.26	$1,199,290.77		($115,668.73)	($3,126.18)	($118,794.92)	$125,047.28	$6,252.36
2024	$1,199,290.77	$73,516.52	$1,272,807.29		($118,794.92)	($3,126.18)	($121,921.10)	$125,047.28	$3,126.18
2025	$1,272,807.29	$78,023.09	$1,350,830.38		($121,921.10)	($3,126.18)	($125,047.28)	$125,047.28	$0.00
2026									

ON-GOING MAINT.:	PV	Accretion	balance	Payment	Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$9,542.16	$584.93	$10,127.09			($136.32)	($136.32)	$9,542.16	$9,405.84
1987	$10,127.09	$620.79	$10,747.88		($136.32)	($136.32)	($272.63)	$9,542.16	$9,269.53
1988	$10,747.88	$658.85	$11,406.73		($272.63)	($136.32)	($408.95)	$9,542.16	$9,133.21
1989	$11,406.73	$699.23	$12,105.96		($408.95)	($136.32)	($545.27)	$9,542.16	$8,996.89
1990	$12,105.96	$742.10	$12,848.06		($545.27)	($136.32)	($681.58)	$9,542.16	$8,860.58
1991	$12,848.06	$787.59	$13,635.64		($681.58)	($136.32)	($817.90)	$9,542.16	$8,724.26
1992	$13,635.64	$835.86	$14,471.51		($817.90)	($136.32)	($954.22)	$9,542.16	$8,587.94
1993	$14,471.51	$887.10	$15,358.61		($954.22)	($136.32)	($1,090.53)	$9,542.16	$8,451.63
1994	$15,358.61	$941.48	$16,300.10		($1,090.53)	($136.32)	($1,226.85)	$9,542.16	$8,315.31
1995	$16,300.10	$999.20	$17,299.29		($1,226.85)	($136.32)	($1,363.17)	$9,542.16	$8,178.99
1996	$17,299.29	$1,060.45	$18,359.74		($1,363.17)	($136.32)	($1,499.48)	$9,542.16	$8,042.68
1997	$18,359.74	$1,125.45	$19,485.19		($1,499.48)	($136.32)	($1,635.80)	$9,542.16	$7,906.36
1998	$19,485.19	$1,194.44	$20,679.63		($1,635.80)	($136.32)	($1,772.12)	$9,542.16	$7,770.04
1999	$20,679.63	$1,267.66	$21,947.29		($1,772.12)	($136.32)	($1,908.43)	$9,542.16	$7,633.73
2000	$21,947.29	$1,345.37	$23,292.66		($1,908.43)	($136.32)	($2,044.75)	$9,542.16	$7,497.41
2001	$23,292.66	$1,427.84	$24,720.50		($2,044.75)	($136.32)	($2,181.07)	$9,542.16	$7,361.09
2002	$24,720.50	$1,515.37	$26,235.87		($2,181.07)	($136.32)	($2,317.38)	$9,542.16	$7,224.78
2003	$26,235.87	$1,608.26	$27,844.13		($2,317.38)	($136.32)	($2,453.70)	$9,542.16	$7,088.46
2004	$27,844.13	$1,706.85	$29,550.97		($2,453.70)	($136.32)	($2,590.01)	$9,542.16	$6,952.14
2005	$29,550.97	$1,811.47	$31,362.45		($2,590.01)	($136.32)	($2,726.33)	$9,542.16	$6,815.83
2006	$31,362.45	$1,922.52	$33,284.97		($2,726.33)	($136.32)	($2,862.65)	$9,542.16	$6,679.51
2007	$33,284.97	$2,040.37	$35,325.33		($2,862.65)	($136.32)	($2,998.96)	$9,542.16	$6,543.20
2008	$35,325.33	$2,165.44	$37,490.78		($2,998.96)	($136.32)	($3,135.28)	$9,542.16	$6,406.88
2009	$37,490.78	$2,298.18	$39,788.96		($3,135.28)	($136.32)	($3,271.60)	$9,542.16	$6,270.56
2010	$39,788.96	$2,439.06	$42,228.03		($3,271.60)	($136.32)	($3,407.91)	$9,542.16	$6,134.25
2011	$42,228.03	$2,588.58	$44,816.60		($3,407.91)	($136.32)	($3,544.23)	$9,542.16	$5,997.93
2012	$44,816.60	$2,747.26	$47,563.86		($3,544.23)	($136.32)	($3,680.55)	$9,542.16	$5,861.61
2013	$47,563.86	$2,915.66	$50,479.53		($3,680.55)	($136.32)	($3,816.86)	$9,542.16	$5,725.30
2014	$50,479.53	$3,094.39	$53,573.92		($3,816.86)	($136.32)	($3,953.18)	$9,542.16	$5,588.98
2015	$53,573.92	$3,284.08	$56,858.00		($3,953.18)	($136.32)	($4,089.50)	$9,542.16	$5,452.66
2016	$56,858.00	$3,485.40	$60,343.40		($4,089.50)	($136.32)	($4,225.81)	$9,542.16	$5,316.35
2017	$60,343.40	$3,699.05	$64,042.45		($4,225.81)	($136.32)	($4,362.13)	$9,542.16	$5,180.03
2018	$64,042.45	$3,925.80	$67,968.25		($4,362.13)	($136.32)	($4,498.45)	$9,542.16	$5,043.71
2019	$67,968.25	$4,166.45	$72,134.70		($4,498.45)	($136.32)	($4,634.76)	$9,542.16	$4,907.40
2020	$72,134.70	$4,421.86	$76,556.56		($4,634.76)	($136.32)	($4,771.08)	$9,542.16	$4,771.08
2021	$76,556.56	$4,692.92	$81,249.48		($4,771.08)	($136.32)	($4,907.40)	$9,542.16	$4,634.76
2022	$81,249.48	$4,980.59	$86,230.07		($4,907.40)	($136.32)	($5,043.71)	$9,542.16	$4,498.45
2023	$86,230.07	$5,285.90	$91,515.98		($5,043.71)	($136.32)	($5,180.03)	$9,542.16	$4,362.13
2024	$91,515.98	$5,609.93	$97,125.91		($5,180.03)	($136.32)	($5,316.35)	$9,542.16	$4,225.81
2025	$97,125.91	$5,953.82	$103,079.72		($5,316.35)	($136.32)	($5,452.66)	$9,542.16	$4,089.50
2026	$103,079.72	$6,318.79	$109,398.51	(4,864.67)	($5,452.66)	($136.32)	($5,588.98)	$9,542.16	$3,953.18
2027	$104,533.84	$6,407.92	$110,941.76	(5,046.61)	($5,588.98)	($136.32)	($5,725.30)	$9,542.16	$3,816.86
2028	$105,895.16	$6,491.37	$112,386.53	(5,235.35)	($5,725.30)	($136.32)	($5,861.61)	$9,542.16	$3,680.55

2029	$107,151.18	$6,568.37	$113,719.54	(5,431.15)	($5,861.61)	($136.32)	($5,997.93)	$9,542.16	$3,544.23
2030	$108,288.39	$6,638.08	$114,926.47	(5,634.28)	($5,997.93)	($136.32)	($6,134.25)	$9,542.16	$3,407.91
2031	$109,292.19	$6,699.61	$115,991.80	(5,845.00)	($6,134.25)	($136.32)	($6,270.56)	$9,542.16	$3,271.60
2032	$110,146.80	$6,752.00	$116,898.80	(6,063.60)	($6,270.56)	($136.32)	($6,406.88)	$9,542.16	$3,135.28
2033	$110,835.19	$6,794.20	$117,629.39	(6,290.38)	($6,406.88)	($136.32)	($6,543.20)	$9,542.16	$2,998.96
2034	$111,339.01	$6,825.08	$118,164.09	(6,525.64)	($6,543.20)	($136.32)	($6,679.51)	$9,542.16	$2,862.65
2035	$111,638.45	$6,843.44	$118,481.88	(6,769.70)	($6,679.51)	($136.32)	($6,815.83)	$9,542.16	$2,726.33
2036	$111,712.18	$6,847.96	$118,560.14	(7,022.89)	($6,815.83)	($136.32)	($6,952.14)	$9,542.16	$2,590.01
2037	$111,537.25	$6,837.23	$118,374.48	(7,285.55)	($6,952.14)	($136.32)	($7,088.46)	$9,542.16	$2,453.70
2038	$111,088.94	$6,809.75	$117,898.69	(7,558.02)	($7,088.46)	($136.32)	($7,224.78)	$9,542.16	$2,317.38
2039	$110,340.66	$6,763.88	$117,104.55	(7,840.69)	($7,224.78)	($136.32)	($7,361.09)	$9,542.16	$2,181.07
2040	$109,263.85	$6,697.87	$115,961.73	(8,133.94)	($7,361.09)	($136.32)	($7,497.41)	$9,542.16	$2,044.75
2041	$107,827.79	$6,609.84	$114,437.63	(8,438.15)	($7,497.41)	($136.32)	($7,633.73)	$9,542.16	$1,908.43
2042	$105,999.49	$6,497.77	$112,497.25	(8,753.73)	($7,633.73)	($136.32)	($7,770.04)	$9,542.16	$1,772.12
2043	$103,743.52	$6,359.48	$110,103.00	(9,081.12)	($7,770.04)	($136.32)	($7,906.36)	$9,542.16	$1,635.80
2044	$101,021.88	$6,192.64	$107,214.52	(9,420.76)	($7,906.36)	($136.32)	($8,042.68)	$9,542.16	$1,499.48
2045	$97,793.76	$5,994.76	$103,788.52	(9,773.09)	($8,042.68)	($136.32)	($8,178.99)	$9,542.16	$1,363.17
2046	$94,015.43	$5,763.15	$99,778.57	(10,138.61)	($8,178.99)	($136.32)	($8,315.31)	$9,542.16	$1,226.85
2047	$89,639.97	$5,494.93	$95,134.90	(10,517.79)	($8,315.31)	($136.32)	($8,451.63)	$9,542.16	$1,090.53
2048	$84,617.11	$5,187.03	$89,804.13	(10,911.16)	($8,451.63)	($136.32)	($8,587.94)	$9,542.16	$954.22
2049	$78,892.98	$4,836.14	$83,729.12	(11,319.23)	($8,587.94)	($136.32)	($8,724.26)	$9,542.16	$817.90
2050	$72,409.89	$4,438.73	$76,848.61	(11,742.57)	($8,724.26)	($136.32)	($8,860.58)	$9,542.16	$681.58
2051	$65,106.04	$3,991.00	$69,097.04	(12,181.74)	($8,860.58)	($136.32)	($8,996.89)	$9,542.16	$545.27
2052	$56,915.30	$3,488.91	$60,404.20	(12,637.34)	($8,996.89)	($136.32)	($9,133.21)	$9,542.16	$408.95
2053	$47,766.86	$2,928.11	$50,694.97	(13,109.98)	($9,133.21)	($136.32)	($9,269.53)	$9,542.16	$272.63
2054	$37,584.99	$2,303.96	$39,888.95	(13,600.29)	($9,269.53)	($136.32)	($9,405.84)	$9,542.16	$136.32
2055	$26,288.66	$1,611.49	$27,900.16	(14,108.94)	($9,405.84)	($136.32)	($9,542.16)	$9,542.16	$0.00
2056	$13,791.22	$845.40	$14,636.62	(14,636.62)	($9,542.16)	$0.00	($9,542.16)	$9,542.16	$0.00

TOTAL									
	PV	Accretion	balance	Payment	Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1986	$134,589.44	$8,250.33	$142,839.77			($3,262.50)	($3,262.50)	$134,589.44	$131,326.94
1987	$142,839.77	$8,756.08	$151,595.85		($3,262.50)	($3,262.50)	($6,525.00)	$134,589.44	$128,064.44
1988	$151,595.85	$9,292.83	$160,888.68		($6,525.00)	($3,262.50)	($9,787.50)	$134,589.44	$124,801.94
1989	$160,888.68	$9,862.48	$170,751.15		($9,787.50)	($3,262.50)	($13,049.99)	$134,589.44	$121,539.45
1990	$170,751.15	$10,467.05	$181,218.20		($13,049.99)	($3,262.50)	($16,312.49)	$134,589.44	$118,276.95
1991	$181,218.20	$11,108.68	$192,326.87		($16,312.49)	($3,262.50)	($19,574.99)	$134,589.44	$115,014.45
1992	$192,326.87	$11,789.64	$204,116.51		($19,574.99)	($3,262.50)	($22,837.49)	$134,589.44	$111,751.95
1993	$204,116.51	$12,512.34	$216,628.85		($22,837.49)	($3,262.50)	($26,099.99)	$134,589.44	$108,489.45
1994	$216,628.85	$13,279.35	$229,908.20		($26,099.99)	($3,262.50)	($29,362.49)	$134,589.44	$105,226.95
1995	$229,908.20	$14,093.37	$244,001.57		($29,362.49)	($3,262.50)	($32,624.99)	$134,589.44	$101,964.45
1996	$244,001.57	$14,957.30	$258,958.87		($32,624.99)	($3,262.50)	($35,887.48)	$134,589.44	$98,701.96
1997	$258,958.87	$15,874.18	$274,833.05		($35,887.48)	($3,262.50)	($39,149.98)	$134,589.44	$95,439.46
1998	$274,833.05	$16,847.27	$291,680.31		($39,149.98)	($3,262.50)	($42,412.48)	$134,589.44	$92,176.96
1999	$291,680.31	$17,880.00	$309,560.32		($42,412.48)	($3,262.50)	($45,674.98)	$134,589.44	$88,914.46
2000	$309,560.32	$18,976.05	$328,536.37		($45,674.98)	($3,262.50)	($48,937.48)	$134,589.44	$85,651.96
2001	$328,536.37	$20,139.28	$348,675.64		($48,937.48)	($3,262.50)	($52,199.98)	$134,589.44	$82,389.46
2002	$348,675.64	$21,373.82	$370,049.46		($52,199.98)	($3,262.50)	($55,462.48)	$134,589.44	$79,126.96
2003	$370,049.46	$22,684.03	$392,733.49		($55,462.48)	($3,262.50)	($58,724.97)	$134,589.44	$75,864.47
2004	$392,733.49	$24,074.56	$416,808.06		($58,724.97)	($3,262.50)	($61,987.47)	$134,589.44	$72,601.97
2005	$416,808.06	$25,550.33	$442,358.39		($61,987.47)	($3,262.50)	($65,249.97)	$134,589.44	$69,339.47
2006	$442,358.39	$27,116.57	$469,474.96		($65,249.97)	($3,262.50)	($68,512.47)	$134,589.44	$66,076.97
2007	$469,474.96	$28,778.82	$498,253.78		($68,512.47)	($3,262.50)	($71,774.97)	$134,589.44	$62,814.47
2008	$498,253.78	$30,542.96	$528,796.73		($71,774.97)	($3,262.50)	($75,037.47)	$134,589.44	$59,551.97
2009	$528,796.73	$32,415.24	$561,211.97		($75,037.47)	($3,262.50)	($78,299.97)	$134,589.44	$56,289.47
2010	$561,211.97	$34,402.29	$595,614.27		($78,299.97)	($3,262.50)	($81,562.46)	$134,589.44	$53,026.98
2011	$595,614.27	$36,511.15	$632,125.42		($81,562.46)	($3,262.50)	($84,824.96)	$134,589.44	$49,764.48
2012	$632,125.42	$38,749.29	$670,874.71		($84,824.96)	($3,262.50)	($88,087.46)	$134,589.44	$46,501.98
2013	$670,874.71	$41,124.62	$711,999.33		($88,087.46)	($3,262.50)	($91,349.96)	$134,589.44	$43,239.48
2014	$711,999.33	$43,645.56	$755,644.89		($91,349.96)	($3,262.50)	($94,612.46)	$134,589.44	$39,976.98
2015	$755,644.89	$46,321.03	$801,965.92		($94,612.46)	($3,262.50)	($97,874.96)	$134,589.44	$36,714.48
2016	$801,965.92	$49,160.51	$851,126.43		($97,874.96)	($3,262.50)	($101,137.46)	$134,589.44	$33,451.98
2017	$851,126.43	$52,174.05	$903,300.48		($101,137.46)	($3,262.50)	($104,399.95)	$134,589.44	$30,189.49
2018	$903,300.48	$55,372.32	$958,672.80		($104,399.95)	($3,262.50)	($107,662.45)	$134,589.44	$26,926.99
2019	$958,672.80	$58,766.64	$1,017,439.44		($107,662.45)	($3,262.50)	($110,924.95)	$134,589.44	$23,664.49
2020	$1,017,439.44	$62,369.04	$1,079,808.48		($110,924.95)	($3,262.50)	($114,187.45)	$134,589.44	$20,401.99

2021	$1,079,808.48	$66,192.26	$1,146,000.74		($114,187.45)	($3,262.50)	($117,449.95)	$134,589.44	$17,139.49
2022	$1,146,000.74	$70,249.85	$1,216,250.58		($117,449.95)	($3,262.50)	($120,712.45)	$134,589.44	$13,876.99
2023	$1,216,250.58	$74,556.16	$1,290,806.74		($120,712.45)	($3,262.50)	($123,974.95)	$134,589.44	$10,614.49
2024	$1,290,806.74	$79,126.45	$1,369,933.20		($123,974.95)	($3,262.50)	($127,237.44)	$134,589.44	$7,352.00
2025	$1,369,933.20	$83,976.91	$1,453,910.10	(1,350,830.38)	($127,237.44)	($3,262.50)	($130,499.94)	$134,589.44	$4,089.50
2026	$103,079.72	$6,318.79	$109,398.51	(4,864.67)	($130,499.94)	($136.32)	($130,636.26)	$134,589.44	$3,953.18
2027	$104,533.84	$6,407.92	$110,941.76	(5,046.61)	($130,636.26)	($136.32)	($130,772.58)	$134,589.44	$3,816.86
2028	$105,895.16	$6,491.37	$112,386.53	(5,235.35)	($130,772.58)	($136.32)	($130,908.89)	$134,589.44	$3,680.55
2029	$107,151.18	$6,568.37	$113,719.54	(5,431.15)	($130,908.89)	($136.32)	($131,045.21)	$134,589.44	$3,544.23
2030	$108,288.39	$6,638.08	$114,926.47	(5,634.28)	($131,045.21)	($136.32)	($131,181.53)	$134,589.44	$3,407.91
2031	$109,292.19	$6,699.61	$115,991.80	(5,845.00)	($131,181.53)	($136.32)	($131,317.84)	$134,589.44	$3,271.60
2032	$110,146.80	$6,752.00	$116,898.80	(6,063.60)	($131,317.84)	($136.32)	($131,454.16)	$134,589.44	$3,135.28
2033	$110,835.19	$6,794.20	$117,629.39	(6,290.38)	($131,454.16)	($136.32)	($131,590.48)	$134,589.44	$2,998.96
2034	$111,339.01	$6,825.08	$118,164.09	(6,525.64)	($131,590.48)	($136.32)	($131,726.79)	$134,589.44	$2,862.65
2035	$111,638.45	$6,843.44	$118,481.88	(6,769.70)	($131,726.79)	($136.32)	($131,863.11)	$134,589.44	$2,726.33
2036	$111,712.18	$6,847.96	$118,560.14	(7,022.89)	($131,863.11)	($136.32)	($131,999.42)	$134,589.44	$2,590.01
2037	$111,537.25	$6,837.23	$118,374.48	(7,285.55)	($131,999.42)	($136.32)	($132,135.74)	$134,589.44	$2,453.70
2038	$111,088.93	$6,809.75	$117,898.69	(7,558.02)	($132,135.74)	($136.32)	($132,272.06)	$134,589.44	$2,317.38
2039	$110,340.66	$6,763.88	$117,104.54	(7,840.69)	($132,272.06)	($136.32)	($132,408.37)	$134,589.44	$2,181.07
2040	$109,263.85	$6,697.87	$115,961.72	(8,133.94)	($132,408.37)	($136.32)	($132,544.69)	$134,589.44	$2,044.75
2041	$107,827.79	$6,609.84	$114,437.63	(8,438.15)	($132,544.69)	($136.32)	($132,681.01)	$134,589.44	$1,908.43
2042	$105,999.48	$6,497.77	$112,497.25	(8,753.73)	($132,681.01)	($136.32)	($132,817.32)	$134,589.44	$1,772.12
2043	$103,743.52	$6,359.48	$110,103.00	(9,081.12)	($132,817.32)	($136.32)	($132,953.64)	$134,589.44	$1,635.80
2044	$101,021.88	$6,192.64	$107,214.52	(9,420.76)	($132,953.64)	($136.32)	($133,089.96)	$134,589.44	$1,499.48
2045	$97,793.76	$5,994.76	$103,788.52	(9,773.09)	($133,089.96)	($136.32)	($133,226.27)	$134,589.44	$1,363.17
2046	$94,015.42	$5,763.15	$99,778.57	(10,138.61)	($133,226.27)	($136.32)	($133,362.59)	$134,589.44	$1,226.85
2047	$89,639.96	$5,494.93	$95,134.89	(10,517.79)	($133,362.59)	($136.32)	($133,498.91)	$134,589.44	$1,090.53
2048	$84,617.10	$5,187.03	$89,804.13	(10,911.16)	($133,498.91)	($136.32)	($133,635.22)	$134,589.44	$954.22
2049	$78,892.98	$4,836.14	$83,729.12	(11,319.23)	($133,635.22)	($136.32)	($133,771.54)	$134,589.44	$817.90
2050	$72,409.88	$4,438.73	$76,848.61	(11,742.57)	($133,771.54)	($136.32)	($133,907.86)	$134,589.44	$681.58
2051	$65,106.04	$3,991.00	$69,097.04	(12,181.74)	($133,907.86)	($136.32)	($134,044.17)	$134,589.44	$545.27
2052	$56,915.29	$3,488.91	$60,404.20	(12,637.34)	($134,044.17)	($136.32)	($134,180.49)	$134,589.44	$408.95
2053	$47,766.86	$2,928.11	$50,694.97	(13,109.98)	($134,180.49)	($136.32)	($134,316.81)	$134,589.44	$272.63
2054	$37,584.99	$2,303.96	$39,888.95	(13,600.29)	($134,316.81)	($136.32)	($134,453.12)	$134,589.44	$136.32
2055	$26,288.66	$1,611.49	$27,900.15	(14,108.94)	($134,453.12)	($136.32)	($134,589.44)	$134,589.44	$0.00
2056	$13,791.21	$845.40	$14,636.61	(14,636.62)	($134,589.44)	$0.00	($134,589.44)	$134,589.44	$0.00

Item 1

Project **Process Ponds (Ash Ponds/Basins) Reclamation**
Basis of Estimate: July 1998 Water Monitoring Activity Actual Costs Summary
Compiled in Support of Pilko Phase II Environmental Survey

Actual Costs For Reclamation of Units 1&2 Stage I Evaporation Holding Pond

Time Period	Capital Costs	Ongoing Costs	Pond Acreage	Capital Cost/Acre
1990-2000	$1,256,843.00	$30,000.00	114	$11,024.94

Note : Ongoing Costs consist of yearly monitoring and reporting

Retirement (reclamation) Costs For the Rest of the Ponds

Pond	Acreage	100% **Capital Cost**
1&2 Flyash	27.1	$298,775.84
1&2 Bot. Ash	1.8	$19,844.89
1&2 Brine	11.5	$126,786.79
1&2 CTB	20.5	$226,011.24
1&2 St II EHP	176.0	$1,940,389.19
3&4 ASD	0.23	$2,535.74
3&4 N Plant D	1	$11,024.94
3&4 Washtray	8	$88,199.51
3&4 DC	6	$66,149.63
3&4 Bot. Ash	5.5	$60,637.16
3&4 BA Clwl	2.1	$23,152.37
3&4 EHP	337.0	$3,715,404.31
3&4 EHP Clwl	30	$330,748.16
1-4 SRP	3.6	$39,689.78
1-4 NPSRP	0.6	$6,614.96
Total Capital		$6,955,964.51
Total Yearly	(30 years)	$30,000.00

Is reclamation expected to take 10 years?
No, probably 6 mos to one year per Charlie Baker

$4,297,851.81
Units 3 & 4 process ponds
AVA 15% owner in Units 3 & 4

$23,152 half common 1-4 ponds

$648,151 AVA share capital
$1,125 AVA share ongoing/yr

How does AVA know when ongoing expenditures are made? 10/18/2005:
Yearly costs would occur after reclamation costs at the end of plant life.
A special project will be set up so joint owmers
could identify the expenditures. Charlie Baker says
PPLM did not include the ongoing monitoring costs in the ARO.

Item 2

Project **Removal of Two 10,000 Gallon Underground Storage Tanks**

Basis of Estimate: Vendor Estimate(Removing a tank in late 2002)
One Tank System will be de-registered in 2003,
leaving only two to be retired.
These systems are as follows:
Two tanks - 10,000 gallons each
- 350 feet of pipe
1 year followup monitoring, soil landfarm, and groundwater mitigation
as per cost estimate from Hydrometrics Engineering Consultants

Cost of Removal and Remediation of UST Systems

$27,120	100% Per 3rd Party Vendor Estimate

Common to all four Colstrip Units

$13,560 U3 & U4

$2,034 AVA share

10-18-2005
Asbestos and poles (FIN 47):
Reviewing but having a hard time quantifying the amount
of asbestos that may exist in all PPLM properties, Colstrip included.
Most likely any asbestos is encapsulated, and there are no
plans to disturb it.
Will keep AVA in the loop on asbestos determination
sometime around Dec. 1.

Item 3

Project **Removal/Remediation of Areas Under Coal Piles**

Basis of Estimate: July 1998 Water Monitoring Activity Actual Costs Summary
Compiled in Support of Pilko Phase II Environmental Survey

Area Underlying Coal Piles is not lined. This estimate assumes that a groundwater collection will would be installed under each former pile (6 total) to collect impacted groundwater and operate for a period of 30 years after installation. An investigation prior to the placement of the wells would be requires. This activity is similar to the 1995 portion of item # 7 in the referenced Phase II support document.

Estimated Cost to Retire/Remediate 6 coal Storage Piles at Colstrip

Capital Cost	Ongoing Costs
$120,000	$15,000 (30 years)

Three of the six coal piles relate to Units 3 & 4

$60,000 U3 & U4

$9,000 AVA share

AVISTA CORPORATION

ASSET RETIREMENT OBLIGATIONS

WORK PAPERS

MISSION OFFICE BUILDING

CPI		4.00%	4.00%	4.00%	4.00%	4.00%
Credit adjusted risk free rate		6.16%	6.16%	6.16%	6.16%	6.16%
Cost		42,961	216,820	-	902,611	648,350
	1980	44,679	225,493	0	938,716	674,284
	1981	46,466	234,512	0	976,264	701,255
	1982	48,325			1,015,315	729,306
	1983	50,258			1,055,928	758,478
	1984	52,268				788,817
	1985	54,359				
	1986	56,533				
	1987	58,795				
	1988	61,147				
	1989	63,592				
	1990	66,136				
	1991	68,782				
	1992	71,533				
	1993	74,394				
	1994	77,370				
	1995	80,465				
	1996	83,683				
	1997	87,031				
	1998	90,512				
	1999	94,132				
	2000	97,898				
	2001	101,814				
	2002	105,886				
	2003	110,122				
	2004	114,526				
	2005	119,107				
	2006	123,872				
	2007					
	2008					
	2009					
	2010					
Present Value		$24,661.97	$200,083.28	$0.00	$739,078.33	$500,078.72

Avista											
Asbestos Abatement Costs - Mission Building for HVAC Project											
Original Estimate prepared March 1998											
		1998 Estimated		**2004 Estimated**			**Asbestos Abatement Costs by Year**				
Item #	**Project Name**	**Total Cost**	**Asbestos Abatement**	**Total Cost**	**Asbestos Abatement**	**2004 Project Date**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**
16	Tool crib	22,233	3,381	22,393	4,115	2005	4,526				
17	C&M Shop	60,858	26,766	61,307	32,575	2005	35,832				
19	Open Shop	20,890	1,944	21,188	2,366	2005	2,602				
4	cafeteria area	248,052	106,312	252,158	129,383	2006		142,322			
5	auditorium	102,184	10,900	105,154	13,265	2006		14,592			
18	Elec shop	114,404	21,016	118,119	25,577	2006		28,134			
20	Meter shop	203,288	10,083	209,902	12,271	2006		13,498			
21	warehouse	31,291	-	32,307	-	2006		-			
22	warehouse ac-6	69,532	13,650	71,791	16,612	2006		18,273			
28	cafeteria basement	29,029	-	29,974	-	2006		-			
6-10	South office penthouse	2,213,491	-	2,342,611	-	2007			-		
13	So office 3rd	576,380	222,355	625,252	270,610	2008				297,670	
14	So office 4th	576,384	222,355	625,252	270,610	2008				297,670	
15	So office 5th	584,416	229,526	633,975	279,337	2008				307,270	
11	So office 1st	625,097	265,848	712,432	323,541	2009					355,895
12	So office 2nd	572,021	218,459	636,036	265,868	2009					292,455
23-24	No office penthouse	229,575	-	261,645	-	2010					
25-26	No office bldg	452,828	-	516,089	-	2010					
29	2nd floor computer room	44,131	-	-	-						
	Engineering fees (separated in 2005)	-	-	969,015	-						
Subtotal		6,776,084	1,352,595	8,246,600	1,646,129		42,961	216,820	-	902,611	648,350
1	Remove tool crib boiler	10,141	800	-	-						
2	Locker & radio relay	268,556	16,100	-	-						
3	Line office and break room	192,936	11,030	-	-						
27	Office expansion in carpenter shop	174,007	10,925	-	-						
Subtotal - completed projects		645,640	38,855	-	-						
	Curtain Wall (new in 2005)	-	-	829,733	-						
TOTAL		7,421,724	1,391,450	9,076,333							
Information obtained from WWP Mechanical System Study prepared											
by MW Consulting Engineers in March 1998.											

	2006	2007	2008	2009	2010				
CPI	3.74%	3.74%	3.74%	3.74%	3.74%				
Credit adjusted risk free rate	6.13%	6.13%	6.13%	6.13%	6.13%				
Cost	42,961	216,820	-	902,611	648,350				
Year 1	44,568	224,929	0	936,369	672,598				
Year 2		233,341	0	971,389	697,754				
Year 3				1,007,719	723,850				
Year 4				1,045,408	750,922				
Year 5					779,006		2,102,323		
Present Value (today)	$41,993.32	$207,164.55	$0.00	$824,011.15	$578,562.10				
Present Value (1980)	$8,941.04	$44,108.59	$0.00	$175,444.93	$123,184.97				
Life	27	28	29	30	31				

2006 Expenditures									
	PV	Accretion	Balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1980	$8,941.04	$548.09	$9,489.12		0	(331.15)	(331.15)	$8,941.04	$8,609.89
1981	$9,489.12	$581.68	$10,070.81		(331.15)	(331.15)	(662.30)	$8,941.04	$8,278.74
1982	$10,070.81	$617.34	$10,688.15		(662.30)	(331.15)	(993.45)	$8,941.04	$7,947.59
1983	$10,688.15	$655.18	$11,343.33		(993.45)	(331.15)	(1,324.60)	$8,941.04	$7,616.44
1984	$11,343.33	$695.35	$12,038.68		(1,324.60)	(331.15)	(1,655.75)	$8,941.04	$7,285.29
1985	$12,038.68	$737.97	$12,776.65		(1,655.75)	(331.15)	(1,986.90)	$8,941.04	$6,954.14
1986	$12,776.65	$783.21	$13,559.85		(1,986.90)	(331.15)	(2,318.05)	$8,941.04	$6,622.99
1987	$13,559.85	$831.22	$14,391.07		(2,318.05)	(331.15)	(2,649.20)	$8,941.04	$6,291.84
1988	$14,391.07	$882.17	$15,273.25		(2,649.20)	(331.15)	(2,980.35)	$8,941.04	$5,960.69
1989	$15,273.25	$936.25	$16,209.50		(2,980.35)	(331.15)	(3,311.50)	$8,941.04	$5,629.54
1990	$16,209.50	$993.64	$17,203.14		(3,311.50)	(331.15)	(3,642.64)	$8,941.04	$5,298.39
1991	$17,203.14	$1,054.55	$18,257.69		(3,642.64)	(331.15)	(3,973.79)	$8,941.04	$4,967.24
1992	$18,257.69	$1,119.20	$19,376.89		(3,973.79)	(331.15)	(4,304.94)	$8,941.04	$4,636.09
1993	$19,376.89	$1,187.80	$20,564.69		(4,304.94)	(331.15)	(4,636.09)	$8,941.04	$4,304.94
1994	$20,564.69	$1,260.62	$21,825.31		(4,636.09)	(331.15)	(4,967.24)	$8,941.04	$3,973.79
1995	$21,825.31	$1,337.89	$23,163.20		(4,967.24)	(331.15)	(5,298.39)	$8,941.04	$3,642.64
1996	$23,163.20	$1,419.90	$24,583.10		(5,298.39)	(331.15)	(5,629.54)	$8,941.04	$3,311.50
1997	$24,583.10	$1,506.94	$26,090.05		(5,629.54)	(331.15)	(5,960.69)	$8,941.04	$2,980.35
1998	$26,090.05	$1,599.32	$27,689.37		(5,960.69)	(331.15)	(6,291.84)	$8,941.04	$2,649.20
1999	$27,689.37	$1,697.36	$29,386.72		(6,291.84)	(331.15)	(6,622.99)	$8,941.04	$2,318.05
2000	$29,386.72	$1,801.41	$31,188.13		(6,622.99)	(331.15)	(6,954.14)	$8,941.04	$1,986.90
2001	$31,188.13	$1,911.83	$33,099.96		(6,954.14)	(331.15)	(7,285.29)	$8,941.04	$1,655.75
2002	$33,099.96	$2,029.03	$35,128.99		(7,285.29)	(331.15)	(7,616.44)	$8,941.04	$1,324.60
2003	$35,128.99	$2,153.41	$37,282.40		(7,616.44)	(331.15)	(7,947.59)	$8,941.04	$993.45
2004	$37,282.40	$2,285.41	$39,567.81		(7,947.59)	(331.15)	(8,278.74)	$8,941.04	$662.30
2005	$39,567.81	$2,425.51	$41,993.32		(8,278.74)	(331.15)	(8,609.89)	$8,941.04	$331.15
2006	$41,993.32	$2,574.19	$44,567.51		(8,609.89)	(331.15)	(8,941.04)	$8,941.04	$0.00
2007					(8,941.04)	0.00	(8,941.04)	$8,941.04	$0.00
2008					(8,941.04)	0.00	(8,941.04)	$8,941.04	$0.00
2009					(8,941.04)	0.00	(8,941.04)	$8,941.04	$0.00
2010					(8,941.04)	0.00	(8,941.04)	$8,941.04	$0.00

2007 Expenditures									
	PV	Accretion	Balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1980	$44,108.59	$2,703.86	$46,812.45		0	(1,575.31)	(1,575.31)	$44,108.59	$42,533.28
1981	$46,812.45	$2,869.60	$49,682.05		(1,575.31)	(1,575.31)	(3,150.61)	$44,108.59	$40,957.98
1982	$49,682.05	$3,045.51	$52,727.56		(3,150.61)	(1,575.31)	(4,725.92)	$44,108.59	$39,382.67
1983	$52,727.56	$3,232.20	$55,959.76		(4,725.92)	(1,575.31)	(6,301.23)	$44,108.59	$37,807.36
1984	$55,959.76	$3,430.33	$59,390.09		(6,301.23)	(1,575.31)	(7,876.53)	$44,108.59	$36,232.06
1985	$59,390.09	$3,640.61	$63,030.70		(7,876.53)	(1,575.31)	(9,451.84)	$44,108.59	$34,656.75
1986	$63,030.70	$3,863.78	$66,894.49		(9,451.84)	(1,575.31)	(11,027.15)	$44,108.59	$33,081.44
1987	$66,894.49	$4,100.63	$70,995.12		(11,027.15)	(1,575.31)	(12,602.45)	$44,108.59	$31,506.14
1988	$70,995.12	$4,352.00	$75,347.12		(12,602.45)	(1,575.31)	(14,177.76)	$44,108.59	$29,930.83
1989	$75,347.12	$4,618.78	$79,965.90		(14,177.76)	(1,575.31)	(15,753.07)	$44,108.59	$28,355.52
1990	$79,965.90	$4,901.91	$84,867.81		(15,753.07)	(1,575.31)	(17,328.37)	$44,108.59	$26,780.22
1991	$84,867.81	$5,202.40	$90,070.20		(17,328.37)	(1,575.31)	(18,903.68)	$44,108.59	$25,204.91
1992	$90,070.20	$5,521.30	$95,591.51		(18,903.68)	(1,575.31)	(20,478.99)	$44,108.59	$23,629.60
1993	$95,591.51	$5,859.76	$101,451.27		(20,478.99)	(1,575.31)	(22,054.29)	$44,108.59	$22,054.29
1994	$101,451.27	$6,218.96	$107,670.23		(22,054.29)	(1,575.31)	(23,629.60)	$44,108.59	$20,478.99
1995	$107,670.23	$6,600.19	$114,270.41		(23,629.60)	(1,575.31)	(25,204.91)	$44,108.59	$18,903.68
1996	$114,270.41	$7,004.78	$121,275.19		(25,204.91)	(1,575.31)	(26,780.22)	$44,108.59	$17,328.37
1997	$121,275.19	$7,434.17	$128,709.36		(26,780.22)	(1,575.31)	(28,355.52)	$44,108.59	$15,753.07
1998	$128,709.36	$7,889.88	$136,599.24		(28,355.52)	(1,575.31)	(29,930.83)	$44,108.59	$14,177.76
1999	$136,599.24	$8,373.53	$144,972.78		(29,930.83)	(1,575.31)	(31,506.14)	$44,108.59	$12,602.45
2000	$144,972.78	$8,886.83	$153,859.61		(31,506.14)	(1,575.31)	(33,081.44)	$44,108.59	$11,027.15
2001	$153,859.61	$9,431.59	$163,291.20		(33,081.44)	(1,575.31)	(34,656.75)	$44,108.59	$9,451.84
2002	$163,291.20	$10,009.75	$173,300.95		(34,656.75)	(1,575.31)	(36,232.06)	$44,108.59	$7,876.53
2003	$173,300.95	$10,623.35	$183,924.30		(36,232.06)	(1,575.31)	(37,807.36)	$44,108.59	$6,301.23
2004	$183,924.30	$11,274.56	$195,198.86		(37,807.36)	(1,575.31)	(39,382.67)	$44,108.59	$4,725.92
2005	$195,198.86	$11,965.69	$207,164.55		(39,382.67)	(1,575.31)	(40,957.98)	$44,108.59	$3,150.61
2006	$207,164.55	$12,699.19	$219,863.74		(40,957.98)	(1,575.31)	(42,533.28)	$44,108.59	$1,575.31
2007	$219,863.74	$13,477.65	$233,341.38		(42,533.28)	(1,575.31)	(44,108.59)	$44,108.59	$0.00
2008					(44,108.59)	0.00	(44,108.59)	$44,108.59	$0.00
2009					(44,108.59)	0.00	(44,108.59)	$44,108.59	$0.00
2010					(44,108.59)	0.00	(44,108.59)	$44,108.59	$0.00

2009 Expenditures									
	PV	Accretion	Balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1980	$175,444.93	$10,754.77	$186,199.70		0	(5,848.16)	(5,848.16)	$175,444.93	$169,596.76
1981	$186,199.70	$11,414.04	$197,613.74		(5,848.16)	(5,848.16)	(11,696.33)	$175,444.93	$163,748.60
1982	$197,613.74	$12,113.72	$209,727.47		(11,696.33)	(5,848.16)	(17,544.49)	$175,444.93	$157,900.44
1983	$209,727.47	$12,856.29	$222,583.76		(17,544.49)	(5,848.16)	(23,392.66)	$175,444.93	$152,052.27
1984	$222,583.76	$13,644.38	$236,228.15		(23,392.66)	(5,848.16)	(29,240.82)	$175,444.93	$146,204.11
1985	$236,228.15	$14,480.79	$250,708.93		(29,240.82)	(5,848.16)	(35,088.99)	$175,444.93	$140,355.94
1986	$250,708.93	$15,368.46	$266,077.39		(35,088.99)	(5,848.16)	(40,937.15)	$175,444.93	$134,507.78
1987	$266,077.39	$16,310.54	$282,387.93		(40,937.15)	(5,848.16)	(46,785.31)	$175,444.93	$128,659.61
1988	$282,387.93	$17,310.38	$299,698.31		(46,785.31)	(5,848.16)	(52,633.48)	$175,444.93	$122,811.45
1989	$299,698.31	$18,371.51	$318,069.82		(52,633.48)	(5,848.16)	(58,481.64)	$175,444.93	$116,963.29
1990	$318,069.82	$19,497.68	$337,567.50		(58,481.64)	(5,848.16)	(64,329.81)	$175,444.93	$111,115.12
1991	$337,567.50	$20,692.89	$358,260.39		(64,329.81)	(5,848.16)	(70,177.97)	$175,444.93	$105,266.96
1992	$358,260.39	$21,961.36	$380,221.75		(70,177.97)	(5,848.16)	(76,026.14)	$175,444.93	$99,418.79
1993	$380,221.75	$23,307.59	$403,529.34		(76,026.14)	(5,848.16)	(81,874.30)	$175,444.93	$93,570.63
1994	$403,529.34	$24,736.35	$428,265.69		(81,874.30)	(5,848.16)	(87,722.46)	$175,444.93	$87,722.46
1995	$428,265.69	$26,252.69	$454,518.38		(87,722.46)	(5,848.16)	(93,570.63)	$175,444.93	$81,874.30
1996	$454,518.38	$27,861.98	$482,380.35		(93,570.63)	(5,848.16)	(99,418.79)	$175,444.93	$76,026.14
1997	$482,380.35	$29,569.92	$511,950.27		(99,418.79)	(5,848.16)	(105,266.96)	$175,444.93	$70,177.97
1998	$511,950.27	$31,382.55	$543,332.82		(105,266.96)	(5,848.16)	(111,115.12)	$175,444.93	$64,329.81
1999	$543,332.82	$33,306.30	$576,639.12		(111,115.12)	(5,848.16)	(116,963.29)	$175,444.93	$58,481.64
2000	$576,639.12	$35,347.98	$611,987.10		(116,963.29)	(5,848.16)	(122,811.45)	$175,444.93	$52,633.48
2001	$611,987.10	$37,514.81	$649,501.91		(122,811.45)	(5,848.16)	(128,659.61)	$175,444.93	$46,785.31
2002	$649,501.91	$39,814.47	$689,316.38		(128,659.61)	(5,848.16)	(134,507.78)	$175,444.93	$40,937.15
2003	$689,316.38	$42,255.09	$731,571.47		(134,507.78)	(5,848.16)	(140,355.94)	$175,444.93	$35,088.99
2004	$731,571.47	$44,845.33	$776,416.80		(140,355.94)	(5,848.16)	(146,204.11)	$175,444.93	$29,240.82
2005	$776,416.80	$47,594.35	$824,011.15		(146,204.11)	(5,848.16)	(152,052.27)	$175,444.93	$23,392.66
2006	$824,011.15	$50,511.88	$874,523.03		(152,052.27)	(5,848.16)	(157,900.44)	$175,444.93	$17,544.49
2007	$874,523.03	$53,608.26	$928,131.30		(157,900.44)	(5,848.16)	(163,748.60)	$175,444.93	$11,696.33
2008	$928,131.30	$56,894.45	$985,025.75		(163,748.60)	(5,848.16)	(169,596.76)	$175,444.93	$5,848.16
2009	$985,025.75	$60,382.08	$1,045,407.82		(169,596.76)	(5,848.16)	(175,444.93)	$175,444.93	$0.00
2010					(175,444.93)	0.00	(175,444.93)	$175,444.93	$0.00

2010 Expenditures									
	PV	Accretion	Balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1980	$123,184.97	$7,551.24	$130,736.20		0	(3,973.71)	(3,973.71)	$123,184.97	$119,211.26
1981	$130,736.20	$8,014.13	$138,750.33		(3,973.71)	(3,973.71)	(7,947.42)	$123,184.97	$115,237.55
1982	$138,750.33	$8,505.40	$147,255.73		(7,947.42)	(3,973.71)	(11,921.13)	$123,184.97	$111,263.84
1983	$147,255.73	$9,026.78	$156,282.51		(11,921.13)	(3,973.71)	(15,894.83)	$123,184.97	$107,290.13
1984	$156,282.51	$9,580.12	$165,862.62		(15,894.83)	(3,973.71)	(19,868.54)	$123,184.97	$103,316.42
1985	$165,862.62	$10,167.38	$176,030.00		(19,868.54)	(3,973.71)	(23,842.25)	$123,184.97	$99,342.71
1986	$176,030.00	$10,790.64	$186,820.64		(23,842.25)	(3,973.71)	(27,815.96)	$123,184.97	$95,369.01
1987	$186,820.64	$11,452.11	$198,272.75		(27,815.96)	(3,973.71)	(31,789.67)	$123,184.97	$91,395.30
1988	$198,272.75	$12,154.12	$210,426.87		(31,789.67)	(3,973.71)	(35,763.38)	$123,184.97	$87,421.59
1989	$210,426.87	$12,899.17	$223,326.03		(35,763.38)	(3,973.71)	(39,737.09)	$123,184.97	$83,447.88
1990	$223,326.03	$13,689.89	$237,015.92		(39,737.09)	(3,973.71)	(43,710.79)	$123,184.97	$79,474.17
1991	$237,015.92	$14,529.08	$251,544.99		(43,710.79)	(3,973.71)	(47,684.50)	$123,184.97	$75,500.46
1992	$251,544.99	$15,419.71	$266,964.70		(47,684.50)	(3,973.71)	(51,658.21)	$123,184.97	$71,526.75
1993	$266,964.70	$16,364.94	$283,329.64		(51,658.21)	(3,973.71)	(55,631.92)	$123,184.97	$67,553.05
1994	$283,329.64	$17,368.11	$300,697.74		(55,631.92)	(3,973.71)	(59,605.63)	$123,184.97	$63,579.34
1995	$300,697.74	$18,432.77	$319,130.52		(59,605.63)	(3,973.71)	(63,579.34)	$123,184.97	$59,605.63
1996	$319,130.52	$19,562.70	$338,693.22		(63,579.34)	(3,973.71)	(67,553.05)	$123,184.97	$55,631.92
1997	$338,693.22	$20,761.89	$359,455.11		(67,553.05)	(3,973.71)	(71,526.75)	$123,184.97	$51,658.21
1998	$359,455.11	$22,034.60	$381,489.71		(71,526.75)	(3,973.71)	(75,500.46)	$123,184.97	$47,684.50
1999	$381,489.71	$23,385.32	$404,875.03		(75,500.46)	(3,973.71)	(79,474.17)	$123,184.97	$43,710.79
2000	$404,875.03	$24,818.84	$429,693.87		(79,474.17)	(3,973.71)	(83,447.88)	$123,184.97	$39,737.09
2001	$429,693.87	$26,340.23	$456,034.10		(83,447.88)	(3,973.71)	(87,421.59)	$123,184.97	$35,763.38
2002	$456,034.10	$27,954.89	$483,988.99		(87,421.59)	(3,973.71)	(91,395.30)	$123,184.97	$31,789.67
2003	$483,988.99	$29,668.53	$513,657.52		(91,395.30)	(3,973.71)	(95,369.01)	$123,184.97	$27,815.96
2004	$513,657.52	$31,487.21	$545,144.72		(95,369.01)	(3,973.71)	(99,342.71)	$123,184.97	$23,842.25
2005	$545,144.72	$33,417.37	$578,562.10		(99,342.71)	(3,973.71)	(103,316.42)	$123,184.97	$19,868.54
2006	$578,562.10	$35,465.86	$614,027.95		(103,316.42)	(3,973.71)	(107,290.13)	$123,184.97	$15,894.83
2007	$614,027.95	$37,639.91	$651,667.86		(107,290.13)	(3,973.71)	(111,263.84)	$123,184.97	$11,921.13
2008	$651,667.86	$39,947.24	$691,615.11		(111,263.84)	(3,973.71)	(115,237.55)	$123,184.97	$7,947.42
2009	$691,615.11	$42,396.01	$734,011.11		(115,237.55)	(3,973.71)	(119,211.26)	$123,184.97	$3,973.71
2010	$734,011.11	$44,994.88	$779,005.99		(119,211.26)	(3,973.71)	(123,184.97)	$123,184.97	$0.00

Total Expenditures									
	PV	Accretion	Balance		Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1980	$351,679.52	$21,557.95	$373,237.48		0	(11,728.33)	(11,728.33)	351,679.52	$339,951.19
1981	$373,237.48	$22,879.46	$396,116.93		(11,728.33)	(11,728.33)	(23,456.66)	351,679.52	$328,222.86
1982	$396,116.93	$24,281.97	$420,398.90		(23,456.66)	(11,728.33)	(35,184.99)	351,679.52	$316,494.53
1983	$420,398.90	$25,770.45	$446,169.35		(35,184.99)	(11,728.33)	(46,913.32)	351,679.52	$304,766.20
1984	$446,169.35	$27,350.18	$473,519.53		(46,913.32)	(11,728.33)	(58,641.65)	351,679.52	$293,037.88
1985	$473,519.53	$29,026.75	$502,546.28		(58,641.65)	(11,728.33)	(70,369.97)	351,679.52	$281,309.55
1986	$502,546.28	$30,806.09	$533,352.37		(70,369.97)	(11,728.33)	(82,098.30)	351,679.52	$269,581.22
1987	$533,352.37	$32,694.50	$566,046.87		(82,098.30)	(11,728.33)	(93,826.63)	351,679.52	$257,852.89
1988	$566,046.87	$34,698.67	$600,745.54		(93,826.63)	(11,728.33)	(105,554.96)	351,679.52	$246,124.56
1989	$600,745.54	$36,825.70	$637,571.24		(105,554.96)	(11,728.33)	(117,283.29)	351,679.52	$234,396.23
1990	$637,571.24	$39,083.12	$676,654.36		(117,283.29)	(11,728.33)	(129,011.62)	351,679.52	$222,667.90
1991	$676,654.36	$41,478.91	$718,133.27		(129,011.62)	(11,728.33)	(140,739.95)	351,679.52	$210,939.57
1992	$718,133.27	$44,021.57	$762,154.84		(140,739.95)	(11,728.33)	(152,468.28)	351,679.52	$199,211.24
1993	$762,154.84	$46,720.09	$808,874.94		(152,468.28)	(11,728.33)	(164,196.61)	351,679.52	$187,482.91
1994	$808,874.94	$49,584.03	$858,458.97		(164,196.61)	(11,728.33)	(175,924.94)	351,679.52	$175,754.58
1995	$858,458.97	$52,623.53	$911,082.50		(175,924.94)	(11,728.33)	(187,653.27)	351,679.52	$164,026.25
1996	$911,082.50	$55,849.36	$966,931.86		(187,653.27)	(11,728.33)	(199,381.60)	351,679.52	$152,297.93
1997	$966,931.86	$59,272.92	$1,026,204.79		(199,381.60)	(11,728.33)	(211,109.92)	351,679.52	$140,569.60
1998	$1,026,204.79	$62,906.35	$1,089,111.14		(211,109.92)	(11,728.33)	(222,838.25)	351,679.52	$128,841.27
1999	$1,089,111.14	$66,762.51	$1,155,873.65		(222,838.25)	(11,728.33)	(234,566.58)	351,679.52	$117,112.94
2000	$1,155,873.65	$70,855.05	$1,226,728.71		(234,566.58)	(11,728.33)	(246,294.91)	351,679.52	$105,384.61
2001	$1,226,728.71	$75,198.47	$1,301,927.18		(246,294.91)	(11,728.33)	(258,023.24)	351,679.52	$93,656.28
2002	$1,301,927.18	$79,808.14	$1,381,735.31		(258,023.24)	(11,728.33)	(269,751.57)	351,679.52	$81,927.95
2003	$1,381,735.31	$84,700.37	$1,466,435.69		(269,751.57)	(11,728.33)	(281,479.90)	351,679.52	$70,199.62
2004	$1,466,435.69	$89,892.51	$1,556,328.19		(281,479.90)	(11,728.33)	(293,208.23)	351,679.52	$58,471.29
2005	$1,556,328.19	$95,402.92	$1,651,731.11		(293,208.23)	(11,728.33)	(304,936.56)	351,679.52	$46,742.96
2006	$1,651,731.11	$101,251.12	$1,752,982.23		(304,936.56)	(11,728.33)	(316,664.89)	351,679.52	$35,014.63
2007	$1,752,982.23	$104,725.82	$1,857,708.05		(316,664.89)	(11,397.18)	(328,062.07)	351,679.52	$23,617.45
2008	$1,857,708.05	$96,841.69	$1,954,549.74		(328,062.07)	(9,821.87)	(337,883.94)	351,679.52	$13,795.58
2009	$1,954,549.74	$102,778.08	$2,057,327.82		(337,883.94)	(9,821.87)	(347,705.81)	351,679.52	$3,973.71
2010	$2,057,327.82	$44,994.88	$2,102,322.71		(347,705.81)	(3,973.71)	(351,679.52)	351,679.52	$0.00
DR	ARC		$351,679.52						
DR	Cumulative Effect		$1,604,988.15						
CR	ARO			$1,651,731.11					
CR	AD			304,936.56					

AVISTA CORPORATION

ASSET RETIREMENT OBLIGATIONS

WORK PAPERS

TRANSFORMERS

CPI			
From initial measurment to			4.60%
All future periods			3.74%
Credit adjusted Risk Free Rate			6.13%
Year of Initial Measurement			1976
Annual number taken out of			100
Estimated Number in service			1,939
Estimated Cost per unit (2005 dollars)		$	470
3rd party markup	0%		-
Total		$	470

	Cost to remove unit	Units Removed	Extended Removal Costs	
1976	128	-	-	
1977	133	-	-	
1978	140	-	-	
1979	146	-	-	
1980	153	-	-	
1981	160	-	-	
1982	167	-	-	
1983	175	-	-	
1984	183	-	-	
1985	191	-	-	
1986	200	-	-	
1987	209	-	-	
1988	219	-	-	
1989	229	-	-	
1990	239	-	-	
1991	250	-	-	
1992	262	-	-	
1993	274	-	-	
1994	287	-	-	
1995	300	-	-	
1996	314	-	-	
1997	328	-	-	
1998	343	-	-	
1999	359	-	-	
2000	375	-	-	
2001	393	-	-	
2002	411	-	-	
2003	430	-	-	
2004	449	-	-	
2005	470	-	-	count
2006	488	100	48,755	100
2007	506	100	50,579	200
2008	525	100	52,470	300
2009	544	100	54,433	400
2010	565	100	56,469	500
2011	586	100	58,580	600
2012	608	100	60,771	700
2013	630	100	63,044	800
2014	654	100	65,402	900

2015	678	100	67,848	1,000
2016	704	100	70,386	1,100
2017	730	100	73,018	1,200
2018	757	100	75,749	1,300
2019	786	100	78,582	1,400
2020	815	100	81,521	1,500
2021	846	100	84,570	1,600
2022	877	100	87,733	1,700
2023	910	100	91,014	1,800
2024	944	100	94,418	1,900
2025	979	39	38,200	1,939
2026	1,016	-	-	1,939
2027	1,054	-	-	1,939
2028	1,094	-	-	1,939
				1,939
				-

Credit adjusted Risk Free Rate 6.13%

Life 49

Accretion

Year	Beginning Liability	Cash	Accretion	Ending Liability
1976		-		(129,707)
1977	(129,707)	-	(7,951)	(137,658)
1978	(137,658)	-	(8,438)	(146,097)
1979	(146,097)	-	(8,956)	(155,053)
1980	(155,053)	-	(9,505)	(164,557)
1981	(164,557)	-	(10,087)	(174,645)
1982	(174,645)	-	(10,706)	(185,350)
1983	(185,350)	-	(11,362)	(196,712)
1984	(196,712)	-	(12,058)	(208,771)
1985	(208,771)	-	(12,798)	(221,569)
1986	(221,569)	-	(13,582)	(235,151)
1987	(235,151)	-	(14,415)	(249,565)
1988	(249,565)	-	(15,298)	(264,864)
1989	(264,864)	-	(16,236)	(281,100)
1990	(281,100)	-	(17,231)	(298,331)
1991	(298,331)	-	(18,288)	(316,619)
1992	(316,619)	-	(19,409)	(336,028)
1993	(336,028)	-	(20,599)	(356,626)
1994	(356,626)	-	(21,861)	(378,488)
1995	(378,488)	-	(23,201)	(401,689)
1996	(401,689)	-	(24,624)	(426,312)
1997	(426,312)	-	(26,133)	(452,445)
1998	(452,445)	-	(27,735)	(480,180)
1999	(480,180)	-	(29,435)	(509,615)
2000	(509,615)	-	(31,239)	(540,855)
2001	(540,855)	-	(33,154)	(574,009)
2002	(574,009)	-	(35,187)	(609,196)
2003	(609,196)	-	(37,344)	(646,540)
2004	(646,540)	-	(39,633)	(686,172)
2005	(686,172)	-	(42,062)	(728,235)
2006	(728,235)	48,755	(44,641)	(724,120)
2007	(724,120)	50,579	(44,389)	(717,930)
2008	(717,930)	52,470	(44,009)	(709,469)
2009	(709,469)	54,433	(43,490)	(698,526)
2010	(698,526)	56,469	(42,820)	(684,878)
2011	(684,878)	58,580	(41,983)	(668,280)
2012	(668,280)	60,771	(40,966)	(648,474)
2013	(648,474)	63,044	(39,751)	(625,182)
2014	(625,182)	65,402	(38,324)	(598,103)
2015	(598,103)	67,848	(36,664)	(566,919)
2016	(566,919)	70,386	(34,752)	(531,285)
2017	(531,285)	73,018	(32,568)	(490,835)
2018	(490,835)	75,749	(30,088)	(445,174)
2019	(445,174)	78,582	(27,289)	(393,881)
2020	(393,881)	81,521	(24,145)	(336,505)
2021	(336,505)	84,570	(20,628)	(272,563)
2022	(272,563)	87,733	(16,708)	(201,539)
2023	(201,539)	91,014	(12,354)	(122,879)
2024	(122,879)	94,418	(7,532)	(35,994)
2025	(35,994)	38,200	(2,206)	(0)
2026	(0)	-	(0)	(0)
2027	(0)	-	(0)	(0)
2028	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)
0	(0)	-	(0)	(0)

Depreciation

Year	Beginning AD	CY Dep Expense	Ending AD	Asset	NBV
1976				129,707	129,707
1977	-	(2,647)	(2,647)	129,707	127,060
1978	(2,647)	(2,647)	(5,294)	129,707	124,413
1979	(5,294)	(2,647)	(7,941)	129,707	121,766
1980	(7,941)	(2,647)	(10,588)	129,707	119,119
1981	(10,588)	(2,647)	(13,235)	129,707	116,472
1982	(13,235)	(2,647)	(15,883)	129,707	113,825
1983	(15,883)	(2,647)	(18,530)	129,707	111,178
1984	(18,530)	(2,647)	(21,177)	129,707	108,531
1985	(21,177)	(2,647)	(23,824)	129,707	105,884
1986	(23,824)	(2,647)	(26,471)	129,707	103,236
1987	(26,471)	(2,647)	(29,118)	129,707	100,589
1988	(29,118)	(2,647)	(31,765)	129,707	97,942
1989	(31,765)	(2,647)	(34,412)	129,707	95,295
1990	(34,412)	(2,647)	(37,059)	129,707	92,648
1991	(37,059)	(2,647)	(39,706)	129,707	90,001
1992	(39,706)	(2,647)	(42,353)	129,707	87,354
1993	(42,353)	(2,647)	(45,001)	129,707	84,707
1994	(45,001)	(2,647)	(47,648)	129,707	82,060
1995	(47,648)	(2,647)	(50,295)	129,707	79,413
1996	(50,295)	(2,647)	(52,942)	129,707	76,766
1997	(52,942)	(2,647)	(55,589)	129,707	74,118
1998	(55,589)	(2,647)	(58,236)	129,707	71,471
1999	(58,236)	(2,647)	(60,883)	129,707	68,824
2000	(60,883)	(2,647)	(63,530)	129,707	66,177
2001	(63,530)	(2,647)	(66,177)	129,707	63,530
2002	(66,177)	(2,647)	(68,824)	129,707	60,883
2003	(68,824)	(2,647)	(71,471)	129,707	58,236
2004	(71,471)	(2,647)	(74,118)	129,707	55,589
2005	(74,118)	(2,647)	(76,766)	129,707	52,942
2006	(76,766)	(2,647)	(79,413)	129,707	50,295
2007	(79,413)	(2,647)	(82,060)	129,707	47,648
2008	(82,060)	(2,647)	(84,707)	129,707	45,001
2009	(84,707)	(2,647)	(87,354)	129,707	42,353
2010	(87,354)	(2,647)	(90,001)	129,707	39,706
2011	(90,001)	(2,647)	(92,648)	129,707	37,059
2012	(92,648)	(2,647)	(95,295)	129,707	34,412
2013	(95,295)	(2,647)	(97,942)	129,707	31,765
2014	(97,942)	(2,647)	(100,589)	129,707	29,118
2015	(100,589)	(2,647)	(103,236)	129,707	26,471
2016	(103,236)	(2,647)	(105,884)	129,707	23,824
2017	(105,884)	(2,647)	(108,531)	129,707	21,177
2018	(108,531)	(2,647)	(111,178)	129,707	18,530
2019	(111,178)	(2,647)	(113,825)	129,707	15,883
2020	(113,825)	(2,647)	(116,472)	129,707	13,235
2021	(116,472)	(2,647)	(119,119)	129,707	10,588
2022	(119,119)	(2,647)	(121,766)	129,707	7,941
2023	(121,766)	(2,647)	(124,413)	129,707	5,294
2024	(124,413)	(2,647)	(127,060)	129,707	2,647
2025	(127,060)	(2,647)	(129,707)	129,707	-
2026					
2027					
2028					
2029					
2030					
2031					
2032					
2033					
2034					
2035					
2036					

Proposed FERC Accounts		101		230	230			403.10 & 411.10			
	Cash paid to settle	ARO Asset	ARO Accumulated Depreciation	ARO Liability, actual costs	ARO Liability, accretion	Current taxes receivable (payable	Deferred Taxes	Depreciation / Accretion Expense	Income Taxes	Cumulative Adjustment (net of taxes)	Net impact on P&L (Expense)
01-01-2003		129,707	(68,824)		(609,196)		191,909			356,403	(356,403)
12-31-2003	-	-	(2,647)	-	(37,344)	-	13,997	39,991	(13,997)		(25,994)
12-31-2004	-	-	(2,647)	-	(39,633)	-	14,798	42,280	(14,798)		(27,482)
12-31-2005	-	-	(2,647)	-	(42,062)	-	15,648	44,709	(15,648)		(29,061)
12-31-2006	(48,755)	-	(2,647)	48,755	(44,641)	17,064	(514)	47,288	(16,551)		(30,737)
12-31-2007	(50,579)	-	(2,647)	50,579	(44,389)	17,703	(1,240)	47,036	(16,462)		(30,573)
12-31-2008	(52,470)	-	(2,647)	52,470	(44,009)	18,365	(2,035)	46,656	(16,330)		(30,327)
12-31-2009	(54,433)	-	(2,647)	54,433	(43,490)	19,051	(2,903)	46,138	(16,148)		(29,989)
12-31-2010	(56,469)	-	(2,647)	56,469	(42,820)	19,764	(3,851)	45,467	(15,913)		(29,553)
12-31-2011	(58,580)	-	(2,647)	58,580	(41,983)	20,503	(4,883)	44,630	(15,621)		(29,010)
12-31-2012	(60,771)	-	(2,647)	60,771	(40,966)	21,270	(6,006)	43,613	(15,264)		(28,348)
12-31-2013	(63,044)	-	(2,647)	63,044	(39,751)	22,065	(7,226)	42,399	(14,839)		(27,559)
12-31-2014	(65,402)	-	(2,647)	65,402	(38,324)	22,891	(8,551)	40,971	(14,340)		(26,631)
12-31-2015	(67,848)	-	(2,647)	67,848	(36,664)	23,747	(9,988)	39,311	(13,759)		(25,552)
12-31-2016	(70,386)	-	(2,647)	70,386	(34,752)	24,635	(11,545)	37,399	(13,090)		(24,309)
12-31-2017	(73,018)	-	(2,647)	73,018	(32,568)	25,556	(13,231)	35,215	(12,325)		(22,890)
12-31-2018	(75,749)	-	(2,647)	75,749	(30,088)	26,512	(15,055)	32,735	(11,457)		(21,278)
12-31-2019	(78,582)	-	(2,647)	78,582	(27,289)	27,504	(17,026)	29,936	(10,478)		(19,459)
12-31-2020	(81,521)	-	(2,647)	81,521	(24,145)	28,532	(19,155)	26,792	(9,377)		(17,415)
12-31-2021	(84,570)	-	(2,647)	84,570	(20,628)	29,599	(21,453)	23,275	(8,146)		(15,129)
12-31-2022	(87,733)	-	(2,647)	87,733	(16,708)	30,706	(23,932)	19,355	(6,774)		(12,581)
12-31-2023	(91,014)	-	(2,647)	91,014	(12,354)	31,855	(26,604)	15,001	(5,250)		(9,751)
12-31-2024	(94,418)	-	(2,647)	94,418	(7,532)	33,046	(29,483)	10,180	(3,563)		(6,617)
12-31-2025	(38,200)	-	(2,647)	38,200	(2,206)	13,370	(11,671)	4,854	(1,699)		(3,155)
12-31-2026	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2027	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2028	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2029	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2030	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2031	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2032	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2033	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2034	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2035	-	-	-	-	(0)	-	0	0	(0)		(0)
12-31-2036	-	-	-	-	(0)	-	0	0	(0)		(0)
			0		(0)		0				

Year	Count of installs still in Service	Distribution	Potential PCB's	Inventoried PCBS	
1948	68	0.18%	3	7	
1949	79	0.20%	4	6	
1950	178	0.46%	9	25	
1951	116	0.30%	6	9	
1952	132	0.34%	7	9	
1953	256	0.66%	13	26	
1954	298	0.77%	15	11	
1955	510	1.31%	25	35	
1956	553	1.43%	28	42	
1957	604	1.56%	30	30	
1958	566	1.46%	28	35	
1959	552	1.42%	28	46	
1960	501	1.29%	25	47	
1961	434	1.12%	22	25	
1962	398	1.03%	20	24	
1963	404	1.04%	20	23	
1964	434	1.12%	22	31	
1965	516	1.33%	26	34	
1966	626	1.61%	31	58	
1967	599	1.54%	30	39	
1968	892	2.30%	45	77	
1969	943	2.43%	47	70	
1970	1,091	2.81%	55	61	
1971	1,622	4.18%	81	113	
1972	2,167	5.59%	108	135	
1973	2,450	6.32%	122	186	
1974	2,384	6.15%	119	147	
1975	3,083	7.95%	154	145	
1976	3,516	9.06%	176	185	
1977	3,901	10.06%	195	184	
1978	4,444	11.46%	222	272	
1979	4,473	11.53%	224	267	35515
	38,790	100.00%	1,940	2311	(3,275)

Estimated % containing PCB's	5.00%
	1939

Per conversations with Clarice Garcia, approximately 5% of the pre-80 transformers will have contamination