

**KENTUCKY-AMERICAN WATER COMPANY**  
**Case No. 2004-00103**  
**Forecasted Test Period Ending November 30,2005**

**TABLE OF CONTENTS – WORKPAPERS FOR LEAD LAG STUDY**

**Description**

**Reference**

Revisions and Other Data

W/P – 8-1

KENTUCKY AMERICAN WATER  
2003 LEAD LAG STUDY

CALCULATION OF PAYROLL PAYMENT LAG

ALL COMPANY EMPLOYEES ARE PAID FOR A TWO WEEK PERIOD

PAY DATE IS FIVE DAYS FOLLOWING THE END OF THE PAYROLL PERIOD

SERVICE PERIOD LAG	LAG = 1412	7	DAYS
PAYMENT LAG		<u>5</u>	DAYS
TOTAL		<u><u>12</u></u>	

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Power Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
515100	40354871	1/15/2003	88.1					1,979,661.67
515100	40512556	7/29/2003	5.32					1,979,573.57
515100	40436285	4/28/2003	6.01					1,979,568.25
515100	40463004	5/29/2003	6.01					1,979,562.24
515100	40485651	6/24/2003	6.01					1,979,556.23
515100	40411168	3/26/2003	6.2					1,979,550.22
515100	40537642	8/26/2003	6.21					1,979,544.02
515100	40591233	10/29/2003	6.42					1,979,537.81
515100	40616899	11/28/2003	6.65					1,979,531.39
515100	40564071	9/29/2003	7.05					1,979,524.74
515100	40365848	1/30/2003	7.9					1,979,517.69
515100	40386810	2/26/2003	8.79					1,979,509.79
515100	40620773	12/31/2003	9.36					1,979,501.00
515100	40601795	11/12/2003	11.37					1,979,491.64
515100	40471719	6/9/2003	15.83					1,979,480.27
515100	40543773	9/14/2003	17.12					1,979,464.44
515100	40567081	10/11/2003	17.62					1,979,447.32
515100	40541606	9/2/2003	29.09					1,979,429.70
515100	40573045	10/18/2003	29.79					1,979,400.61
515100	40627925	12/11/2003	29.96					1,979,370.82
515100	40444459	5/7/2003	30.33					1,979,340.86
515100	40490281	7/1/2003	30.71					1,979,310.53
515100	40595483	11/4/2003	30.81					1,979,279.82
515100	40492043	7/12/2003	30.82					1,979,249.01
515100	40514141	7/30/2003	30.93					1,979,218.19
515100	40347906	1/18/2003	34.47					1,979,187.26
515100	40342978	1/2/2003	47.11					1,979,152.79
515100	40519708	8/6/2003	47.81					1,979,105.68
515100	40541603	9/2/2003	49.1					1,979,057.87
515100	40519713	8/6/2003	50.12					1,979,008.77
515100	40467486	6/4/2003	52.6					1,978,958.65
515100	40492044	7/2/2003	55.14					1,978,906.05
515100	40492593	7/3/2003	57.1					1,978,850.91
515100	40416510	4/2/2003	58.13					1,978,793.81
515100	40471189	6/9/2003	60.23					1,978,735.68
515100	40442394	5/5/2003	60.88					1,978,675.45
515100	40367704	1/31/2003	62.64					1,978,614.57
515100	40393348	3/5/2003	65.55					1,978,551.93
515100	40393335	3/5/2003	66.03					1,978,486.38
515100	40393344	3/5/2003	66.24					1,978,420.35
515100	40342983	1/2/2003	68.44					1,978,354.11
515100	40471187	6/9/2003	72.23					1,978,285.67
515100	40418285	4/4/2003	73.53					1,978,213.44
515100	40371371	2/6/2003	81.49					1,978,139.91
515100	40601794	11/12/2003	82.94					1,978,058.42
515100	40378773	2/18/2003	88.1					1,977,975.48
515100	40402117	3/17/2003	88.1					1,977,887.38
515100	40426207	4/15/2003	88.1					1,977,799.28
515100	40450619	5/14/2003	88.1					1,977,711.18
515100	40476298	6/13/2003	88.1					1,977,623.08
515100	40501028	7/14/2003	88.1					1,977,534.98
515100	40527996	8/15/2003	88.1					1,977,446.88
515100	40550539	9/12/2003	88.1					1,977,358.78
515100	40578650	10/15/2003	88.1					1,977,270.68
515100	40607093	11/17/2003	88.1					1,977,182.58
515100	40415637	4/1/2003	88.68					1,977,094.48
515100	40573041	10/18/2003	92.29					1,977,005.80
515100	40382291	2/20/2003	96.14					1,976,913.51
515100	40553986	9/17/2003	96.76					1,976,817.37

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Power Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
515100	40529745	8/18/2003	99.08					1,976,720.61
515100	40581285	10/17/2003	100.63					1,976,621.53
515100	40478816	6/17/2003	103.82					1,976,520.90
515100	40438476	4/30/2003	105.46					1,976,417.08
515100	40355375	1/16/2003	107.33					1,976,311.62
515100	40502340	7/16/2003	110.04					1,976,204.29
515100	40451472	5/15/2003	114.47					1,976,094.25
515100	40427669	4/16/2003	131.7					1,975,979.78
515100	40595423	1/14/2003	146.33					1,975,848.08
515100	40355371	1/16/2003	166.56					1,975,701.75
515100	40403235	3/18/2003	207.11					1,975,535.19
515100	40382324	2/20/2003	207.24					1,975,328.08
515100	40399539	3/13/2003	208.41					1,975,120.84
515100	40537654	8/26/2003	216.71					1,974,912.43
515100	40466663	6/3/2003	229.11					1,974,695.72
515100	40393346	3/5/2003	233.67					1,974,466.61
515100	40363876	1/27/2003	237.02					1,974,232.94
515100	40386023	2/25/2003	237.02					1,973,995.92
515100	40409793	3/25/2003	237.02					1,973,758.90
515100	40431762	4/22/2003	237.02					1,973,521.88
515100	40484572	6/24/2003	237.02					1,973,284.86
515100	40510549	7/24/2003	237.02					1,973,047.84
515100	40532657	8/20/2003	237.02					1,972,810.82
515100	40560798	9/24/2003	237.02					1,972,573.80
515100	40587482	10/23/2003	237.02					1,972,336.78
515100	40613342	1/12/2003	237.02					1,972,099.76
515100	40459427	5/22/2003	237.03					1,971,862.74
515100	40627916	12/10/2003	246.69					1,971,625.71
515100	40616895	1/12/2003	247.58					1,971,379.02
515100	40393339	3/5/2003	249.78					1,971,131.44
515100	40564073	9/29/2003	252.2					1,970,881.66
515100	40438483	4/30/2003	259.06					1,970,629.46
515100	40420832	4/8/2003	263.54					1,970,370.40
515100	40354871	1/15/2003	264.3					1,970,106.86
515100	40378773	2/18/2003	264.3					1,969,842.56
515100	40402117	3/17/2003	264.3					1,969,578.26
515100	40426207	4/15/2003	264.3					1,969,313.96
515100	40450619	5/14/2003	264.3					1,969,049.66
515100	40476298	6/13/2003	264.3					1,968,785.36
515100	40501028	7/14/2003	264.3					1,968,521.06
515100	40527996	8/15/2003	264.3					1,968,256.76
515100	40550539	9/12/2003	264.3					1,967,992.46
515100	40578650	10/15/2003	264.3					1,967,728.16
515100	40607093	1/17/2003	264.3					1,967,463.86
515100	40416504	4/2/2003	269.29					1,967,199.56
515100	40591252	10/29/2003	271.02					1,966,930.27
515100	40628019	12/10/2003	275.4					1,966,659.25
515100	40514140	7/30/2003	283.17					1,966,383.85
515100	40380407	2/19/2003	286.34					1,966,100.68
515100	40490287	7/11/2003	295.97					1,965,814.34
515100	40497717	7/10/2003	300.86					1,965,518.37
515100	40473875	6/11/2003	330.31					1,965,217.51
515100	40606206	11/17/2003	345.96					1,964,887.20
515100	40537645	8/26/2003	347.33					1,964,541.24
515100	40393336	3/5/2003	349.99					1,964,193.91
515100	40463309	5/29/2003	355.2					1,963,843.92
515100	40414133	3/31/2003	360.73					1,963,488.72
515100	40380405	2/19/2003	361.51					1,963,127.99
515100	40437813	4/29/2003	367.74					1,962,766.48

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

**Power Expense**

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
515100	40347917	11812003	368.22					1,962,398.74
515100	40541608	91212003	375.84					1,962,030.52
515100	40353100	111412003	379.73					1,961,654.68
515100	40526370	8/1312003	384.34					1,961,274.95
515100	40451470	511512003	399.43					1,960,890.61
515100	40393337	31512003	403.99					1,960,491.18
515100	40564020	912912003	403.99					1,960,087.19
515100	40371368	21612003	404.98					1,959,683.20
515100	40519717	61612003	405.14					1,959,278.22
515100	40361896	112312003	405.63					1,958,873.08
515100	40347925	11812003	408.22					1,958,467.45
515100	40576920	10/1312003	410.96					1,958,059.23
515100	40616883	1112612003	416.32					1,957,648.27
515100	40537658	812612003	417.06					1,957,231.95
515100	40606192	1111712003	419.24					1,956,814.89
515100	40382270	212012003	421.39					1,956,395.65
515100	40573043	101812003	423.27					1,955,974.26
515100	40512560	712912003	424.59					1,955,550.99
515100	40355388	111612003	439.44					1,955,126.40
515100	40393401	31512003	440.53					1,954,686.96
515100	40548270	911012003	446.86					1,954,246.43
515100	40541602	91212003	450.53					1,953,799.57
515100	40591238	1012912003	457.71					1,953,349.04
515100	40555732	911812003	458.15					1,952,891.33
515100	40573042	101812003	471.53					1,952,433.18
515100	40415635	41112003	481.06					1,951,961.65
515100	40623447	121512003	485.3					1,951,480.59
515100	40505732	7/21/2003	493.44					1,950,995.29
515100	40471190	61912003	493.54					1,950,501.85
515100	40483392	6/23/2003	494.26					1,950,008.31
515100	40490280	71112003	499.74					1,949,514.05
515100	40488805	613012003	502.67					1,949,014.31
515100	40415636	41112003	507.36					1,948,511.64
515100	40471191	61912003	525.54					1,948,004.28
515100	40382271	212012003	528.11					1,947,478.74
515100	40461462	512812003	531.84					1,946,950.63
515100	40595485	111412003	540.64					1,946,418.79
515100	40437809	412912003	541.7					1,945,878.15
515100	40518987	81512003	542.16					1,945,336.45
515100	40585299	1012212003	544.92					1,944,794.29
515100	40438475	413012003	554.39					1,944,249.37
515100	40595424	111412003	557.62					1,943,694.98
515100	40438478	413012003	560.01					1,943,137.36
515100	40616887	1112612003	562.32					1,942,577.35
515100	40438480	413012003	564.75					1,942,015.03
515100	40490282	71112003	567.21					1,941,450.28
515100	40409703	312512003	568.69					1,940,883.07
515100	40591253	1012912003	570.33					1,940,314.38
515100	40623448	12/5/2003	576.33					1,939,744.05
515100	40532188	812012003	602.17					1,939,167.72
515100	40415638	41112003	626.44					1,938,565.55
515100	40438479	413012003	630.23					1,937,939.11
515100	40382272	212012003	643.55					1,937,308.88
515100	40609176	1111912003	654.39					1,936,665.33
515100	40382264	212012003	662.5					1,936,010.94
515100	40457149	512112003	689.24					1,935,348.44
515100	40483390	612312003	705.81					1,934,659.20
515100	40363876	112712003	711.07					1,933,953.39
515100	40386023	212512003	711.07					1,933,242.32

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

**Power Expense**

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service	Lag (Lead)	Dollar Days
				From	To			
515100	40409793	3/25/2003	711.07					1,932,531.25
515100	40431762	4/22/2003	711.07					1,931,820.18
515100	40459427	5/22/2003	711.07					1,931,109.11
515100	40484572	6/24/2003	711.07					1,930,398.04
515100	40510549	7/24/2003	711.07					1,929,686.97
515100	40532657	8/20/2003	711.07					1,928,975.90
515100	40560798	9/24/2003	711.07					1,928,264.83
515100	40587482	10/23/2003	711.07					1,927,553.76
515100	40613342	11/24/2003	711.07					1,926,842.69
515100	40585302	10/22/2003	716.07					1,926,131.62
515100	40463303	5/29/2003	740.87					1,925,415.55
515100	40556757	9/19/2003	750.43					1,924,674.68
515100	40507023	7/22/2003	766.34					1,923,924.25
515100	40355386	1/16/2003	804.02					1,923,157.91
515100	40393338	3/5/2003	804.81					1,922,353.89
515100	40416509	4/2/2003	822.36					1,921,549.08
515100	40415631	4/1/2003	824.74					1,920,726.72
515100	40432796	4/23/2003	825.92					1,919,901.98
515100	40541544	9/2/2003	832.59					1,919,076.06
515100	40364265	1/28/2003	837.86					1,918,243.47
515100	40399542	3/13/2003	838.83					1,917,405.61
515100	40411169	3/26/2003	850.83					1,916,566.78
515100	40365852	1/30/2003	882.69					1,915,715.95
515100	40382274	2/20/2003	904.91					1,914,833.26
515100	40356313	1/16/2003	913.24					1,913,928.35
515100	40564075	9/29/2003	952.92					1,913,015.11
515100	40492041	7/2/2003	1,019.91					1,912,062.19
515100	40391699	3/4/2003	1,071.17					1,911,042.28
515100	40591248	10/29/2003	1,148.09					1,909,971.11
515100	40537644	8/26/2003	1,216.98					1,908,823.02
515100	40514138	7/30/2003	1,220.44					1,907,606.04
515100	40616881	11/26/2003	1,247.61					1,906,385.60
515100	40552469	9/16/2003	1,296.21					1,905,137.99
515100	40528208	8/15/2003	1,309.59					1,903,841.78
515100	40371367	2/6/2003	1,322.72					1,902,532.19
515100	40564022	9/29/2003	1,331.78					1,901,209.47
515100	40575121	10/10/2003	1,347.87					1,899,877.69
515100	40591251	10/29/2003	1,354.19					1,898,529.82
515100	40451469	5/15/2003	1,384.37					1,897,175.63
515100	40512558	7/29/2003	1,404.93					1,895,791.26
515100	40355377	1/16/2003	1,405.28					1,894,386.33
515100	40426034	4/15/2003	1,409.42					1,892,981.05
515100	40354871	1/15/2003	1,409.59					1,891,571.63
515100	40378773	2/18/2003	1,409.59					1,890,162.04
515100	40402117	3/17/2003	1,409.59					1,888,752.45
515100	40426207	4/15/2003	1,409.59					1,887,342.86
515100	40450619	5/14/2003	1,409.59					1,885,933.27
515100	40476298	6/13/2003	1,409.59					1,884,523.68
515100	40501028	7/14/2003	1,409.59					1,883,114.09
515100	40527996	8/15/2003	1,409.59					1,881,704.50
515100	40550539	9/12/2003	1,409.59					1,880,294.91
515100	40578650	10/15/2003	1,409.59					1,878,885.32
515100	40607093	11/17/2003	1,409.59					1,877,475.73
515100	40437815	4/29/2003	1,437.07					1,876,066.14
515100	40502342	7/16/2003	1,444.25					1,874,629.07
515100	40606202	11/17/2003	1,460.65					1,873,184.82
515100	40382265	2/20/2003	1,471.45					1,871,724.17
515100	40463296	5/29/2003	1,516.60					1,870,252.72
515100	40488803	6/30/2003	1,537.63					1,868,736.12

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Power Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
515100	40616892	11/26/2003	1,540.37					1,867,198.49	
515100	40382267	212012003	1,551.05					1,865,658.12	
515100	40347916	1/8/2003	1,563.43					1,864,107.07	
515100	40420830	4/8/2003	1,565.33					1,862,543.64	
515100	40403147	3/18/2003	1,577.41					1,860,978.31	
515100	40478817	6/17/2003	1,608.16					1,859,400.90	
515100	40414132	313112003	1,643.38					1,857,792.74	
515100	40471183	6/9/2003	1,710.35					1,856,149.36	
515100	40519712	8/6/2003	1,772.35					1,854,439.01	
515100	40537646	8/26/2003	1,772.97					1,852,666.66	
515100	40444457	5/7/2003	1,787.67					1,850,893.69	
515100	40437821	412912003	1,787.95					1,849,106.02	
515100	40564019	9/29/2003	1,802.13					1,847,318.07	
515100	40623450	12/5/2003	1,818.77					1,845,515.94	
515100	40492592	7/3/2003	1,826.86					1,843,697.17	
515100	40537652	812612003	1,917.15					1,841,870.31	
515100	40564023	9/29/2003	1,937.76					1,839,953.16	
515100	40463308	5/29/2003	1,953.92					1,838,015.40	
515100	40591239	1012912003	1,975.97					1,836,061.48	
515100	40393343	3/5/2003	1,990.16					1,834,085.51	
515100	40355380	1/16/2003	2,087.44					1,832,095.35	
515100	40512561	7/29/2003	2,096.28					1,830,007.91	
515100	40463305	5/29/2003	2,139.71					1,827,911.63	
515100	40488810	6/30/2003	2,148.93					1,825,771.92	
515100	40488802	6/30/2003	2,169.07					1,823,622.99	
515100	40616884	11/26/2003	2,312.50					1,821,453.92	
515100	40541605	9/2/2003	2,331.66					1,819,141.42	
515100	40512564	7/29/2003	2,374.52					1,816,809.76	
515100	40415698	41112003	2,431.37					1,814,435.24	
515100	40573040	10/8/2003	2,544.98					1,812,003.87	
515100	40595429	11/4/2003	2,634.62					1,809,458.89	
515100	40371369	21612003	2,735.88					1,806,824.27	
515100	40437812	4/29/2003	2,798.24					1,804,088.39	
515100	40347922	11812003	3,034.13					1,801,290.15	
515100	40391701	3/4/2003	3,146.73					1,798,256.02	
515100	40371361	2/6/2003	3,528.41					1,795,109.29	
515100	40363876	112712003	3,792.38					1,791,580.88	
515100	40386023	2/25/2003	3,792.38					1,787,788.50	
515100	40409793	3/25/2003	3,792.38					1,783,996.12	
515100	40431762	4/22/2003	3,792.38					1,780,203.74	
515100	40459427	5/22/2003	3,792.38					1,776,411.36	
515100	40484572	612412003	3,792.38					1,772,619.00	
515100	40510549	7/24/2003	3,792.38					1,768,826.60	
515100	40532657	8/20/2003	3,792.38					1,765,034.22	
515100	40560798	9/24/2003	3,792.38					1,761,241.84	
515100	40587482	10/23/2003	3,792.38					1,757,449.46	
515100	40613342	11/24/2003	3,792.38					1,753,657.08	
515100	40399544	3/13/2003	6,740.50	1/30/2003	2/19/2003	10.00	32.00	215,696	1,749,864.70
515100	40438474	4/30/2003	10,614.11	3/20/2003	4/21/2003	16.00	25.00	265,353	1,743,124.20
515100	40415633	4/1/2003	10,666.74	2/19/2003	3/20/2003	14.50	26.50	282,669	1,732,510.09
515100	40382261	2/20/2003	11,063.10	12/30/2002	1/30/2003	15.50	36.50	403,803	1,721,843.35
515100	40623451	12/5/2003	11,476.37	10/17/2003	11/17/2003	15.50	33.50	384,458	1,710,780.25
515100	40490279	7/1/2003	12,289.40	5/20/2003	6/19/2003	15.00	27.00	331,814	1,699,303.88
515100	40471188	6/9/2003	12,711.16	4/21/2003	5/20/2003	14.50	34.50	438,535	1,687,014.48
515100	40595427	11/4/2003	13,509.40	9/18/2003	10/17/2003	14.50	32.50	439,056	1,674,303.32
515100	40355384	1/16/2003	13,697.31	11/26/2002	12/30/2002	17.00	34.00	465,709	1,660,793.92
515100	40541607	9/2/2003	13,701.91	7/21/2003	8/19/2003	14.50	28.50	390,504	1,647,096.61
515100	40573044	10/8/2003	15,158.61	8/19/2003	9/18/2003	15.00	35.00	530,551	1,633,394.70
515100	40519714	8/6/2003	17,759.75	6/19/2003	7/21/2003	16.00	32.00	568,312	1,618,236.09

KENTUCKYAMERICAN WATER  
2003 LEAD/LAG STUDY

**Power Expense**

Obi Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
515100	40543776	91412003	114,807.69	7/25/2003	8/25/2003	15.50	25.50	2,927,596	1,600,476.34
515100	40371374	21612003	115,609.93	12/23/2002	1/24/2003	16.00	29.00	3,352,688	1,485,668.65
515100	40418286	4/4/2003	116,619.44	2/25/2003	3/26/2003	14.50	23.50	2,740,557	1,370,058.72
515100	40346548	1/7/2003	122,844.57	11/21/2002	12/23/2002	16.00	31.00	3,808,182	1,253,439.28
515100	40492040	7/2/2003	128,531.82	5/27/2003	6/25/2003	14.50	21.50	2,763,434	1,130,594.71
515100	40595416	11/4/2003	128,868.30	9/24/2003	10/23/2003	14.50	26.50	3,415,010	1,002,062.89
515100	40444462	5/17/2003	129,032.02	3/26/2003	4/25/2003	15.00	27.00	3,483,865	873,194.59
515100	40468995	6/5/2003	129,920.83	4/25/2003	5/27/2003	16.00	25.00	3,248,021	744,162.57
515100	40620769	12/3/2003	132,708.05	10/23/2003	11/23/2003	15.50	25.50	3,384,055	614,241.74
515100	40400651	3/14/2003	138,441.83	1/24/2003	2/25/2003	16.00	33.00	4,568,580	481,533.69
515100	40569112	10/3/2003	165,299.52	8/25/2003	9/24/2003	15.00	24.00	3,967,188	343,091.86
515100	40519706	8/16/2003	177,976.18	6/25/2003	7/25/2003	15.00	27.00	4,805,357	177,792.34
									(183.84)
515100	40520359	8/6/2003	(45.78)						(183.84)
515100	40543845	9/4/2003	(41.27)						(138.06)
515100	40568296	10/2/2003	(36.75)						(96.79)
515100	40591995	10/13/2003	(32.22)						(60.04)
515100	40622261	12/4/2003	(27.82)						(27.82)

1,979,661.67

47,180,993.00

1.750.048.54

**Average Lag for Power Expense**

**26.96**



KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Chemicals

Obj Acct	Purchased Order	Check Date	Gross Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
151300	15024132	5/5/2003	0.00					1,266,305.26	
151300	15024140	5/5/2003	0.00					1,266,305.26	
151300	15024140	6/20/2003	30.36					1,266,305.26	
151300	15024167	6/20/2003	41.94					1,266,274.90	
151300	15024143	6/23/2003	56.21					1,266,232.96	
151300	15024233	3/4/2003	71.4					1,266,176.75	
151300	15024139	7/11/2003	86.7					1,266,105.35	
151300	15024139	4/11/2003	158.1					1,266,018.65	
151300	15024139	1/20/2003	183.6					1,265,860.55	
151300	15024164	2/27/2003	249.9					1,265,676.95	
151300	15024164	10/13/2003	249.9					1,265,427.05	
151300	15024164	2/20/2003	255					1,265,177.15	
151300	15024164	10/13/2003	255					1,264,922.15	
151300	15024139	1/20/2003	326.4					1,264,667.15	
151300	15024139	4/10/2003	351.9					1,264,340.75	
151300	15024139	7/16/2003	423.3					1,263,988.85	
151300	15024164	8/12/2003	499.8					1,263,565.55	
151300	15024164	6/2/2003	510					1,263,065.75	
151300	15024164	9/23/2003	510					1,262,555.75	
151300	15024139	10/6/2003	510					1,262,045.75	
151300	15024079	1/30/2003	692					1,261,535.75	
151300	15024161	4/10/2003	846					1,260,843.75	
151300	15024161	5/13/2003	846					1,259,997.75	
151300	15024161	5/22/2003	846					1,259,151.75	
151300	15024161	7/2/2003	846					1,258,305.75	
151300	15024079	1/14/2003	1,190.24					1,257,459.75	
151300	15024165	2/27/2003	1,584.00					1,256,269.51	
151300	15024152	1/30/2003	1,730.00					1,254,685.51	
151300	15024152	2/10/2003	1,730.00					1,252,955.51	
151300	15024152	2/27/2003	1,730.00					1,251,225.51	
151300	15024152	3/27/2003	1,730.00					1,249,495.51	
151300	15024152	4/7/2003	1,730.00					1,247,765.51	
151300	15024152	4/23/2003	1,730.00					1,246,035.51	
151300	15024152	5/13/2003	1,730.00					1,244,305.51	
151300	15024152	5/21/2003	1,730.00					1,242,575.51	
151300	15024152	6/9/2003	1,730.00					1,240,845.51	
151300	15024152	6/19/2003	1,730.00					1,239,115.51	
151300	15024152	7/2/2003	1,730.00					1,237,385.51	
151300	15024152	7/21/2003	1,730.00					1,235,655.51	
151300	15024152	7/21/2003	1,730.00					1,233,925.51	
151300	15024152	8/4/2003	1,730.00					1,232,195.51	
151300	15024152	8/18/2003	1,730.00					1,230,465.51	
151300	15024152	8/27/2003	1,730.00					1,228,735.51	
151300	15024152	9/2/2003	1,730.00					1,227,005.51	
151300	15024152	9/12/2003	1,730.00					1,225,275.51	
151300	15024152	9/25/2003	1,730.00					1,223,545.51	
151300	15024152	10/10/2003	1,730.00					1,221,815.51	
151300	15024152	10/20/2003	1,730.00					1,220,085.51	
151300	15024152	11/3/2003	1,730.00					1,218,355.51	
151300	15024152	11/17/2003	1,730.00					1,216,625.51	
151300	15024152	12/8/2003	1,730.00					1,214,895.51	
151300	15024165	6/2/2003	1,800.00					1,213,165.51	
151300	15024165	10/15/2003	1,800.00					1,211,365.51	
151300	15024161	6/24/2003	2,115.00					1,209,565.51	
151300	15030252	5/15/2003	2,200.00					1,207,450.51	
151300	15030252	8/21/2003	2,200.00					1,205,250.51	
151300	15024153	2/26/2003	2,388.53					1,203,050.51	
151300	15024147	3/14/2003	2,418.15					1,200,661.98	
151300	15024147	8/6/2003	2,465.31					1,198,243.83	
151300	15024132	3/6/2003	2,516.83					1,195,778.52	
151300	15006985	1/2/2003	2,520.00					1,193,261.69	
151300	15024132	7/31/2003	2,533.68					1,190,741.69	
151300	15024161	7/21/2003	2,538.00					1,188,208.01	
151300	15024153	5/6/2003	2,542.75					1,185,670.01	
151300	15024132	4/11/2003	2,546.64					1,183,127.26	
151300	15024132	5/20/2003	2,558.30					1,180,580.62	

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Chemicals

Obj Acct	Purchased Order	Check Date	Gross Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage	
				From	To					
151300	15024132	1/21/2003	2,562.19					1,178,022.32		
151300	15024153	7/21/2003	2,580.34					1,175,460.13		
151300	15024153	8/28/2003	2,581.63					1,172,879.79		
151300	15024132	6/24/2003	2,594.59					1,170,298.16		
151300	15024135	1/8/2003	2,604.70					1,167,703.57		
151300	15024153	11/10/2003	2,632.18					1,165,098.87		
151300	15024132	11/18/2003	2,633.47					1,162,466.69		
151300	15024132	8/28/2003	2,656.80					1,159,833.22		
151300	15024132	10/2/2003	2,687.90					1,157,176.42		
151300	15024140	9/5/2003	2,795.80					1,154,488.52		
151300	15024133	10/31/2003	2,805.92					1,151,692.72		
151300	15024133	10/10/2003	2,814.24					1,148,886.80		
151300	15024140	6/18/2003	2,825.20					1,146,072.56		
151300	15024140	4/22/2003	2,835.00					1,143,247.36		
151300	15024140	12/3/2003	2,867.20	11/24/2003	12/3/2003	4.50	4.50	12,902	1,140,412.36	90.06%
151300	15024140	2/27/2003	2,878.40	2/25/2003	2/27/2003	1.00	1.00	2,878	1,137,545.16	
151300	15024140	1/14/2003	2,968.00	1/10/2003	1/14/2003	2.00	2.00	5,936	1,134,666.76	
151300	15024140	7/11/2003	2,972.20	7/10/2003	7/11/2003	0.50	0.50	1,486	1,131,698.76	
151300	15006081	1/2/2003	3,008.67	12/29/2002	1/2/2003	2.00	2.00	6,017	1,128,726.56	
151300	15024133	3/10/2003	3,049.28	3/8/2003	3/10/2003	1.00	1.00	3,049	1,125,717.89	
151300	15024992	8/12/2003	3,096.00	7/11/2003	8/12/2003	16.00	16.00	49,536	1,122,668.61	
151300	15024133	9/22/2003	3,099.20	9/21/2003	9/22/2003	0.50	0.50	1,550	1,119,572.61	
151300	15024076	7/2/2003	3,408.02	7/1/2003	7/2/2003	0.50	0.50	1,704	1,116,473.41	
151300	15024076	9/17/2003	3,444.98	9/16/2003	9/17/2003	0.50	0.50	1,722	1,113,065.39	
151300	15024076	6/20/2003	3,449.60	6/19/2003	6/20/2003	0.50	0.50	1,725	1,109,620.41	
151300	15024076	7/18/2003	3,449.60	7/18/2003	7/18/2003	-	-	-	1,106,170.81	
151300	15024149	8/21/2003	3,454.22	8/19/2003	8/21/2003	1.00	1.00	3,454	1,102,721.21	
151300	15024149	10/10/2003	3,457.30	10/7/2003	10/10/2003	1.50	1.50	5,186	1,099,266.99	
151300	15024076	5/19/2003	3,458.84	5/15/2003	5/19/2003	2.00	2.00	6,918	1,095,809.69	
151300	15024079	1/30/2003	3,460.00	12/30/2002	1/30/2003	15.50	15.50	53,630	1,092,350.85	
151300	15024079	5/29/2003	3,460.00	5/28/2003	5/29/2003	0.50	0.50	1,730	1,088,890.85	
151300	15024079	6/16/2003	3,460.00	6/13/2003	6/16/2003	1.50	1.50	5,190	1,085,430.85	
151300	15024079	6/24/2003	3,460.00	6/24/2003	6/24/2003	-	-	-	1,081,970.85	
151300	15024079	7/3/2003	3,460.00	7/3/2003	7/3/2003	-	-	-	1,078,510.85	
151300	15024079	7/15/2003	3,460.00	7/14/2003	7/15/2003	0.50	0.50	1,730	1,075,050.85	
151300	15024079	7/31/2003	3,460.00	7/25/2003	7/31/2003	3.00	3.00	10,380	1,071,590.85	
151300	15024079	8/8/2003	3,460.00	8/5/2003	8/8/2003	1.50	1.50	5,190	1,068,130.85	
151300	15024079	8/18/2003	3,460.00	8/15/2003	8/18/2003	1.50	1.50	5,190	1,064,670.85	
151300	15024079	8/28/2003	3,460.00	8/27/2003	8/28/2003	0.50	0.50	1,730	1,061,210.85	
151300	15024079	9/5/2003	3,460.00	9/5/2003	9/5/2003	-	-	-	1,057,750.85	
151300	15024079	9/17/2003	3,460.00	9/17/2003	9/17/2003	-	-	-	1,054,290.85	
151300	15024079	10/2/2003	3,460.00	9/25/2003	10/2/2003	3.50	3.50	12,110	1,050,830.85	
151300	15024079	10/9/2003	3,460.00	10/8/2003	10/9/2003	0.50	0.50	1,730	1,047,370.85	
151300	15024079	10/23/2003	3,460.00	10/17/2003	10/23/2003	3.00	3.00	10,380	1,043,910.85	
151300	15024079	10/31/2003	3,460.00	10/31/2003	10/31/2003	-	-	-	1,040,450.85	
151300	15024079	11/18/2003	3,460.00	11/13/2003	11/18/2003	2.50	2.50	8,650	1,036,990.85	
151300	15024079	12/3/2003	3,460.00	11/26/2003	12/3/2003	3.50	3.50	12,110	1,033,530.85	
151300	15024149	6/26/2003	3,460.38	6/23/2003	6/26/2003	1.50	1.50	5,191	1,030,070.85	
151300	15024076	5/6/2003	3,468.08	4/24/2003	5/6/2003	6.00	6.00	20,808	1,026,610.47	
151300	15024149	4/7/2003	3,472.70	3/10/2003	4/7/2003	14.00	14.00	48,618	1,023,142.39	
151300	15024076	3/10/2003	3,582.04	2/20/2003	3/10/2003	9.00	9.00	32,238	1,019,669.69	
151300	15024076	3/10/2003	3,639.02	2/28/2003	3/10/2003	5.00	5.00	18,195	1,016,087.65	
151300	15024076	12/3/2003	3,642.10	11/28/2003	12/3/2003	2.50	2.50	9,105	1,012,448.63	
151300	15024992	2/10/2003	3,852.00	1/31/2003	2/10/2003	5.00	5.00	19,260	1,008,806.53	
151300	15024135	2/11/2003	3,906.00	2/7/2003	2/11/2003	2.00	2.00	7,812	1,004,954.53	
151300	15024135	6/17/2003	3,906.00	6/12/2003	6/17/2003	2.50	2.50	9,765	1,001,048.53	
151300	15024135	12/9/2003	3,906.00	12/4/2003	12/9/2003	2.50	2.50	9,765	997,142.53	
151300	15024135	10/3/2003	3,907.40	9/23/2003	10/3/2003	5.00	5.00	19,537	993,236.53	
151300	15024074	8/6/2003	3,978.80	7/24/2003	8/6/2003	6.50	6.50	25,862	989,329.13	
151300	15024079	2/6/2003	4,152.00	2/4/2003	2/6/2003	1.00	1.00	4,152	985,350.33	
151300	15024079	2/26/2003	4,152.00	2/20/2003	2/26/2003	3.00	3.00	12,456	981,198.33	
151300	15024079	3/5/2003	4,152.00	3/4/2003	3/5/2003	0.50	0.50	2,076	977,046.33	
151300	15024079	3/26/2003	4,152.00	3/25/2003	3/26/2003	0.50	0.50	2,076	972,894.33	
151300	15024079	4/9/2003	4,152.00	4/9/2003	4/9/2003	-	-	-	968,742.33	
151300	15024079	5/6/2003	4,152.00	4/26/2003	5/6/2003	5.00	5.00	20,760	964,590.33	

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Chemicals

Obj Acct	Purchased Order	Check Date	Gross Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
151300	15024079	5/13/2003	4,152.00	5/12/2003	5/13/2003	0.50	0.50	2,076	960,438.33
151300	15024133	2/26/2003	4,168.32	2/24/2003	2/26/2003	1.00	1.00	4,168	956,286.33
151300	15024074	6/2/2003	4,270.35	4/22/2003	6/2/2003	20.50	20.50	87,542	952,118.01
151300	15024133	6/25/2003	4,634.24	6/22/2003	6/25/2003	1.50	1.50	6,951	947,847.66
151300	15024155	6/23/2003	4,648.80	6/20/2003	6/23/2003	1.50	1.50	6,973	943,213.42
151300	15024155	6/19/2003	4,655.04	6/13/2003	6/19/2003	3.00	3.00	13,965	938,564.62
151300	15024074	10/10/2003	4,657.94	10/10/2003	10/10/2003	-	-	-	933,909.58
151300	15024133	6/6/2003	4,667.52	6/4/2003	6/6/2003	1.00	1.00	4,668	929,251.64
151300	15024133	4/11/2003	4,671.68	4/9/2003	4/11/2003	1.00	1.00	4,672	924,584.12
151300	15024133	2/28/2003	4,682.08	2/25/2003	2/28/2003	1.50	1.50	7,023	919,912.44
151300	15024133	11/20/2003	4,682.08	11/18/2003	11/20/2003	1.00	1.00	4,682	915,230.36
151300	15024155	5/29/2003	4,694.56	5/27/2003	5/29/2003	1.00	1.00	4,695	910,548.28
151300	15024133	6/24/2003	4,702.88	6/21/2003	6/24/2003	1.50	1.50	7,054	905,853.72
151300	15024133	6/16/2003	4,709.12	6/14/2003	6/16/2003	1.00	1.00	4,709	901,150.84
151300	15024133	9/22/2003	4,709.12	9/18/2003	9/22/2003	2.00	2.00	9,418	896,441.72
151300	15024133	12/11/2003	4,709.12	12/8/2003	12/11/2003	1.50	1.50	7,064	891,732.60
151300	15024133	10/6/2003	4,711.20	10/5/2003	10/6/2003	0.50	0.50	2,356	887,023.48
151300	15024133	11/18/2003	4,715.36	11/16/2003	11/18/2003	1.00	1.00	4,715	882,312.28
151300	15024155	3/10/2003	4,719.52	3/6/2003	3/10/2003	2.00	2.00	9,439	877,596.92
151300	15024133	1/20/2003	4,723.68	1/16/2003	1/20/2003	2.00	2.00	9,447	872,877.40
151300	15024133	8/13/2003	4,723.68	8/11/2003	8/13/2003	1.00	1.00	4,724	868,153.72
151300	15024133	10/2/2003	4,723.68	10/1/2003	10/2/2003	0.50	0.50	2,362	863,430.04
151300	15024155	2/20/2003	4,734.08	2/19/2003	2/20/2003	0.50	0.50	2,367	858,706.36
151300	15024133	12/3/2003	4,738.24	12/1/2003	12/3/2003	1.00	1.00	4,738	853,972.28
151300	15024147	9/5/2003	4,743.69	9/2/2003	9/5/2003	1.50	1.50	7,116	849,234.04
151300	15024155	3/10/2003	4,746.56	3/3/2003	3/10/2003	3.50	3.50	16,613	844,490.35
151300	15024133	12/3/2003	4,748.64	12/1/2003	12/3/2003	1.00	1.00	4,749	839,743.79
151300	15024133	7/21/2003	4,761.12	7/18/2003	7/21/2003	1.50	1.50	7,142	834,995.15
151300	15024074	2/6/2003	4,764.27	2/4/2003	2/6/2003	1.00	1.00	4,764	830,234.03
151300	15024133	7/31/2003	4,781.92	7/28/2003	7/31/2003	1.50	1.50	7,173	825,469.76
151300	15024133	6/18/2003	4,784.00	6/15/2003	6/18/2003	1.50	1.50	7,176	820,687.84
151300	15024155	7/21/2003	4,784.00	7/7/2003	7/21/2003	7.00	7.00	33,488	815,903.84
151300	15024133	5/19/2003	4,786.08	5/16/2003	5/19/2003	1.50	1.50	7,179	811,119.84
151300	15024133	5/19/2003	4,788.16	5/17/2003	5/19/2003	1.00	1.00	4,788	806,333.76
151300	15024133	5/29/2003	4,792.32	5/27/2003	5/29/2003	1.00	1.00	4,792	801,545.60
151300	15024155	10/9/2003	4,792.32	10/6/2003	10/9/2003	1.50	1.50	7,188	796,753.28
151300	15024155	12/11/2003	4,798.56	12/7/2003	12/11/2003	2.00	2.00	9,597	791,960.96
151300	15024133	3/6/2003	4,802.72	3/4/2003	3/6/2003	1.00	1.00	4,803	787,162.40
151300	15024155	8/21/2003	4,802.72	8/20/2003	8/21/2003	0.50	0.50	2,401	782,359.68
151300	15024133	9/5/2003	4,806.88	9/3/2003	9/5/2003	1.00	1.00	4,807	777,556.96
151300	15024155	9/25/2003	4,815.20	9/18/2003	9/25/2003	3.50	3.50	16,853	772,750.08
151300	15024155	6/26/2003	4,831.84	6/24/2003	6/26/2003	1.00	1.00	4,832	767,934.88
151300	15024155	11/19/2003	4,831.84	11/17/2003	11/19/2003	1.00	1.00	4,832	763,103.04
151300	15024155	9/12/2003	4,833.92	9/2/2003	9/12/2003	5.00	5.00	24,170	758,271.20
151300	15024133	2/19/2003	4,848.48	2/17/2003	2/19/2003	1.00	1.00	4,848	753,437.28
151300	15024155	3/10/2003	4,896.32	2/28/2003	3/10/2003	5.00	5.00	24,482	748,588.80
151300	15024155	7/21/2003	4,906.72	7/10/2003	7/21/2003	5.50	5.50	26,987	743,692.48
151300	15024992	10/31/2003	4,908.00	10/29/2003	10/31/2003	1.00	1.00	4,908	738,785.76
151300	15024155	9/17/2003	4,910.88	9/13/2003	9/17/2003	2.00	2.00	9,822	733,877.76
151300	15024155	4/22/2003	4,912.96	4/7/2003	4/22/2003	7.50	7.50	36,847	728,966.88
151300	15024133	5/20/2003	4,919.20	5/18/2003	5/20/2003	1.00	1.00	4,919	724,053.92
151300	15024133	5/13/2003	4,933.76	5/11/2003	5/13/2003	1.00	1.00	4,934	719,134.72
151300	15024133	6/20/2003	4,935.84	6/17/2003	6/20/2003	1.50	1.50	7,404	714,200.96
151300	15024133	8/15/2003	4,946.24	8/13/2003	8/15/2003	1.00	1.00	4,946	709,265.12
151300	15024133	8/13/2003	4,948.32	8/11/2003	8/13/2003	1.00	1.00	4,948	704,318.88
151300	15024133	4/22/2003	4,954.56	4/19/2003	4/22/2003	1.50	1.50	7,432	699,370.56
151300	15024155	10/13/2003	4,956.64	9/27/2003	10/13/2003	8.00	8.00	39,653	694,416.00
151300	15024155	5/6/2003	4,958.72	4/25/2003	5/6/2003	5.50	5.50	27,273	689,459.36
151300	15024133	12/3/2003	4,960.80	12/1/2003	12/3/2003	1.00	1.00	4,961	684,500.64
151300	15024155	12/8/2003	4,962.88	12/4/2003	12/8/2003	2.00	2.00	9,926	679,539.84
151300	15024133	7/2/2003	4,967.04	6/30/2003	7/2/2003	1.00	1.00	4,967	674,576.96
151300	15024134	3/5/2003	4,968.00	1/27/2003	3/5/2003	18.50	18.50	91,908	669,609.92
151300	15024133	7/16/2003	4,973.28	7/14/2003	7/16/2003	1.00	1.00	4,973	664,641.92
151300	15024155	2/20/2003	4,979.52	2/17/2003	2/20/2003	1.50	1.50	7,469	659,668.64
151300	15024133	9/10/2003	4,979.52	7/27/2003	8/20/2003	12.00	33.00	164,324	654,689.12
151300	15024155	5/21/2003	4,983.68	5/12/2003	5/21/2003	4.50	4.50	22,427	649,709.60

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Chemicals

Obj Acct	Purchased Order	Check Date	Gross Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days		Percentage
				From	To					
151300	15024133	6/11/2003	4,985.76	6/9/2003	6/11/2003	1.00	1.00	4,986	644,725.92	
151300	15024133	12/3/2003	4,985.76	12/1/2003	12/3/2003	1.00	1.00	4,986	639,740.16	
151300	15024133	7/8/2003	4,992.00	7/5/2003	7/8/2003	1.50	1.50	7,488	634,754.40	
151300	15024155	9/10/2003	4,993.04	9/4/2003	9/10/2003	3.00	3.00	14,979	629,762.40	
151300	15024133	4/22/2003	4,994.08	4/19/2003	4/22/2003	1.50	1.50	7,491	624,769.36	
151300	15024133	1/8/2003	4,996.16	1/6/2003	1/8/2003	1.00	1.00	4,996	619,775.28	
151300	15024133	7/8/2003	4,998.24	7/5/2003	7/8/2003	1.50	1.50	7,497	614,779.12	
151300	15024133	10/31/2003	5,004.48	10/29/2003	10/31/2003	1.00	1.00	5,004	609,780.88	
151300	15024133	4/22/2003	5,006.56	4/20/2003	4/22/2003	1.00	1.00	5,007	604,776.40	
151300	15024133	7/23/2003	5,014.88	7/20/2003	7/23/2003	1.50	1.50	7,522	599,769.84	
151300	15024133	9/10/2003	5,019.04	9/7/2003	9/10/2003	1.50	1.50	7,529	594,754.96	
151300	15024133	5/21/2003	5,023.20	5/18/2003	5/21/2003	1.50	1.50	7,535	589,735.92	
151300	15024133	7/18/2003	5,023.20	7/16/2003	7/18/2003	1.00	1.00	5,023	584,712.72	
151300	15024133	12/3/2003	5,027.36	12/1/2003	12/3/2003	1.00	1.00	5,027	579,689.52	
151300	15024134	8/18/2003	5,028.00	8/13/2003	8/18/2003	2.50	2.50	12,570	574,662.16	
151300	15024134	4/3/2003	5,031.00	3/25/2003	4/3/2003	4.50	4.50	22,640	569,634.16	
151300	15024133	8/8/2003	5,031.52	8/6/2003	8/8/2003	1.00	1.00	5,032	564,603.16	
151300	15024133	11/19/2003	5,031.52	11/17/2003	11/19/2003	1.00	1.00	5,032	559,571.64	
151300	15024133	2/6/2003	5,035.68	2/6/2003	2/6/2003	-	-	-	554,540.12	
151300	15024133	11/18/2003	5,035.68	11/16/2003	11/18/2003	1.00	1.00	5,036	549,504.44	
151300	15024155	2/27/2003	5,037.76	2/22/2003	2/27/2003	2.50	2.50	12,594	544,468.76	
151300	15024133	6/2/2003	5,041.92	5/31/2003	6/2/2003	1.00	1.00	5,042	539,431.00	
151300	15024155	7/2/2003	5,044.00	7/1/2003	7/3/2003	1.00	1.00	5,044	534,389.08	
151300	15024133	7/3/2003	5,044.00	7/1/2003	7/3/2003	1.00	1.00	5,044	529,345.08	
151300	15024133	9/17/2003	5,044.00	7/1/2003	7/3/2003	1.00	77.00	388,388	524,301.08	
151300	15024133	10/2/2003	5,044.00	6/30/2003	8/2/2003	16.50	77.50	390,910	519,257.08	
151300	15024155	10/2/2003	5,044.00	9/10/2003	10/2/2003	11.00	11.00	55,484	514,213.08	
151300	15024133	9/17/2003	5,046.08	9/15/2003	9/17/2003	1.00	1.00	5,046	509,169.08	
151300	15024133	8/28/2003	5,050.24	8/26/2003	8/28/2003	1.00	1.00	5,050	504,123.00	
151300	15024133	2/19/2003	5,052.32	2/16/2003	2/19/2003	1.50	1.50	7,578	499,072.76	
151300	15024133	5/19/2003	5,052.32	5/16/2003	5/19/2003	1.50	1.50	7,578	494,020.44	
151300	15024155	8/27/2003	5,052.32	8/23/2002	8/27/2003	184.50	184.50	932,153	488,968.12	
151300	15024155	11/19/2003	5,052.32	11/17/2003	11/19/2003	1.00	1.00	5,062	483,915.80	
151300	15024133	4/3/2003	5,054.40	4/1/2003	4/3/2003	1.00	1.00	5,054	478,863.48	
151300	15024133	3/13/2003	5,058.56	3/11/2003	3/13/2003	1.00	1.00	5,059	473,809.08	
151300	15024133	1/31/2003	5,060.64	1/30/2003	1/31/2003	0.50	0.50	2,530	468,750.52	
151300	15024155	7/24/2003	5,060.64	7/19/2003	7/24/2003	2.50	2.50	12,652	463,689.88	
151300	15024134	5/20/2003	5,061.00	5/16/2003	5/20/2003	2.00	2.00	10,122	458,629.24	
151300	15024155	8/12/2003	5,063.76	8/4/2003	8/12/2003	4.00	4.00	20,255	453,568.24	
151300	15024155	4/23/2003	5,064.80	4/14/2003	4/23/2003	4.50	4.50	22,792	448,504.48	
151300	15024133	4/9/2003	5,066.88	4/6/2003	4/9/2003	1.50	1.50	7,600	443,439.68	
151300	15024133	5/6/2003	5,068.96	5/4/2003	5/6/2003	1.00	1.00	5,069	438,372.80	
151300	15024155	6/6/2003	5,073.12	6/6/2003	6/6/2003	-	-	-	433,303.84	
151300	15024133	3/5/2003	5,075.20	3/2/2003	3/5/2003	1.50	1.50	7,613	428,230.72	
151300	15024133	2/14/2003	5,077.28	2/14/2003	2/14/2003	-	-	-	423,155.52	
151300	15024133	9/5/2003	5,077.28	9/3/2003	9/5/2003	1.00	1.00	5,077	418,078.24	
151300	15024133	10/2/2003	5,079.36	10/1/2003	10/2/2003	0.50	0.50	2,540	413,000.96	
151300	15024155	12/8/2003	5,079.36	12/4/2003	12/8/2003	2.00	2.00	10,159	407,921.60	
151300	15024133	3/26/2003	5,083.52	3/24/2003	3/26/2003	1.00	1.00	5,084	402,842.24	
151300	15024155	5/21/2003	5,084.56	5/19/2003	5/21/2003	1.00	1.00	5,085	397,758.72	
151300	15024155	11/17/2003	5,085.60	11/10/2003	11/17/2003	3.50	3.50	17,800	392,674.16	
151300	15024133	7/31/2003	5,088.72	7/29/2003	7/31/2003	1.00	1.00	5,089	387,588.56	
151300	15024133	1/8/2003	5,089.76	1/3/2003	1/8/2003	2.50	2.50	12,724	382,499.84	
151300	15024155	3/26/2003	5,090.80	3/24/2003	3/26/2003	1.00	1.00	5,091	377,410.08	
151300	15024133	2/26/2003	5,091.84	2/24/2003	2/26/2003	1.00	1.00	5,092	372,319.28	
151300	15024133	3/18/2003	5,091.84	3/16/2003	3/18/2003	1.00	1.00	5,092	367,227.44	
151300	15024133	1/20/2003	5,093.92	1/17/2003	1/20/2003	1.50	1.50	7,641	362,135.60	
151300	15024155	1/29/2003	5,096.00	1/17/2003	1/20/2003	1.50	10.50	53,508	357,041.68	
151300	15024133	2/26/2003	5,096.00	2/24/2003	2/26/2003	1.00	1.00	5,096	351,945.68	
151300	15024133	10/31/2003	5,096.00	10/29/2003	10/31/2003	1.00	1.00	5,096	346,849.68	
151300	15024133	3/5/2003	5,098.08	1/29/2003	1/29/2003	-	35.00	178,433	341,753.68	
151300	15024133	5/19/2003	5,098.08	5/17/2003	5/19/2003	1.00	1.00	5,098	336,655.60	
151300	15024155	5/21/2003	5,100.16	5/17/2003	5/19/2003	1.00	3.00	15,300	331,557.52	
151300	15024133	8/8/2003	5,100.16	5/15/2003	5/21/2003	3.00	82.00	418,213	326,457.36	
151300	15024155	5/13/2003	5,102.24	5/9/2003	5/13/2003	2.00	2.00	10,204	321,357.20	
151300	15024133	10/2/2003	5,104.32	9/30/2003	10/2/2003	1.00	1.00	5,104	316,254.96	

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

Chemicals

Obj Acct	Purchased Order	Check Date	Gross Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days		Percentage
				From	To					
151300	15024133	11/18/2003	5,104.32	11/16/2003	11/18/2003	1.00	1.00	5,104	311,150.64	
151300	15024133	2/11/2003	5,106.40	2/10/2003	2/11/2003	0.50	0.50	2,553	306,046.32	
151300	15024155	2/14/2003	5,106.40	2/10/2003	2/11/2003	0.50	3.50	17,872	300,939.92	
151300	15024133	5/29/2003	5,106.40	5/27/2003	5/29/2003	1.00	1.00	5,106	295,833.52	
151300	15024133	12/3/2003	5,106.40	2/10/2003	2/14/2003	2.00	294.00	1,501,282	290,727.12	
151300	15024133	9/5/2003	5,108.48	9/3/2003	9/5/2003	1.00	1.00	5,108	285,620.72	
151300	15024133	11/10/2003	5,108.48	11/8/2003	11/10/2003	1.00	1.00	5,108	280,512.24	
151300	15024155	2/27/2003	5,112.64	2/20/2003	2/27/2003	3.50	3.50	17,894	275,403.76	
151300	15024155	3/18/2003	5,114.72	2/20/2003	2/27/2003	3.50	22.50	115,081	270,291.12	
151300	15024133	5/13/2003	5,114.72	5/11/2003	5/13/2003	1.00	1.00	5,115	265,176.40	
151300	15024133	1/14/2003	5,115.76	1/10/2003	1/14/2003	2.00	2.00	10,232	260,061.68	
151300	15024155	1/14/2003	5,116.80	1/10/2003	1/14/2003	2.00	2.00	10,234	254,945.92	
151300	15024133	9/17/2003	5,116.80	9/15/2003	9/17/2003	1.00	1.00	5,117	249,829.12	
151300	15024133	10/23/2003	5,116.80	10/21/2003	10/23/2003	1.00	1.00	5,117	244,712.32	
151300	15024133	5/13/2003	5,118.88	5/11/2003	5/13/2003	1.00	1.00	5,119	239,595.52	
151300	15024133	6/16/2003	5,118.88	6/13/2003	6/16/2003	1.50	1.50	7,678	234,476.64	
151300	15024133	8/28/2003	5,118.88	8/26/2003	8/28/2003	1.00	1.00	5,119	229,357.76	
151300	15024133	3/19/2003	5,125.12	3/17/2003	3/19/2003	1.00	1.00	5,125	224,238.88	
151300	15024133	9/17/2003	5,127.20	9/15/2003	9/17/2003	1.00	1.00	5,127	219,113.76	
151300	15024155	2/26/2003	5,129.28	2/24/2003	2/26/2003	1.00	1.00	5,129	213,986.56	
151300	15024133	8/4/2003	5,129.28	2/24/2003	2/26/2003	1.00	160.00	820,685	208,857.28	
151300	15024155	11/3/2003	5,129.28	10/27/2003	11/3/2003	3.50	3.50	17,952	203,728.00	
151300	15024155	8/4/2003	5,133.44	7/25/2003	8/4/2003	5.00	5.00	25,667	198,598.72	
151300	15024133	2/26/2003	5,137.60	2/24/2003	2/26/2003	1.00	1.00	5,138	193,465.28	
151300	15024133	2/14/2003	5,139.68	2/11/2003	2/14/2003	1.50	1.50	7,710	188,327.68	
151300	15024133	7/2/2003	5,139.68	6/30/2003	7/2/2003	1.00	1.00	5,140	183,188.00	
151300	15024155	8/18/2003	5,152.16	8/9/2003	8/18/2003	4.50	4.50	23,185	178,048.32	
151300	15024133	1/23/2003	5,166.72	1/23/2003	1/23/2003	-	-	-	172,896.16	
151300	15024133	2/26/2003	5,166.72	2/24/2003	2/26/2003	1.00	1.00	5,167	167,729.44	
151300	15024133	7/11/2003	5,166.72	7/9/2003	7/11/2003	1.00	1.00	5,167	162,562.72	
151300	15024133	3/26/2003	5,170.88	3/24/2003	3/26/2003	1.00	1.00	5,171	157,396.00	
151300	15024133	6/11/2003	5,170.88	6/9/2003	6/11/2003	1.00	1.00	5,171	152,225.12	
151300	15024155	1/23/2003	5,175.04	1/21/2003	1/23/2003	1.00	1.00	5,175	147,054.24	
151300	15024133	2/26/2003	5,183.36	2/24/2003	2/26/2003	1.00	1.00	5,183	141,879.20	
151300	15024133	7/3/2003	5,183.36	7/1/2003	7/3/2003	1.00	1.00	5,183	136,695.84	
151300	15024133	8/20/2003	5,202.08	8/18/2003	8/20/2003	1.00	1.00	5,202	131,512.48	
151300	15024133	11/10/2003	5,204.16	11/8/2003	11/10/2003	1.00	1.00	5,204	126,310.40	
151300	15024155	6/2/2003	5,206.24	5/24/2003	6/2/2003	4.50	4.50	23,428	121,106.24	
151300	15024133	7/31/2003	5,212.48	7/28/2003	7/31/2003	1.50	1.50	7,819	115,900.00	
151300	15024133	4/22/2003	5,239.52	4/20/2003	4/22/2003	1.00	1.00	5,240	110,687.52	
151300	15024133	5/6/2003	5,301.92	5/4/2003	5/6/2003	1.00	1.00	5,302	105,448.00	
151300	15024992	7/15/2003	5,336.25	7/14/2003	7/15/2003	0.50	0.50	2,668	100,146.08	
151300	15024143	8/19/2003	5,426.40	8/18/2003	8/19/2003	0.50	0.50	2,713	94,809.83	
151300	15024143	10/3/2003	5,717.27	9/22/2003	10/3/2003	5.50	5.50	31,445	89,383.43	
151300	15024167	3/25/2003	6,623.20	2/21/2003	3/25/2003	16.00	16.00	105,971	83,666.16	
151300	15024134	12/9/2003	6,651.00	12/2/2003	12/9/2003	3.50	3.50	23,279	77,042.96	
151300	15024134	9/22/2003	6,672.00	9/20/2003	9/22/2003	1.00	1.00	6,672	70,391.96	
151300	15024167	6/2/2003	7,255.60	5/28/2003	6/2/2003	2.50	2.50	18,139	63,719.96	
151300	15024167	7/31/2003	7,269.20	7/18/2003	7/31/2003	6.50	6.50	47,250	56,464.36	
151300	15024143	12/3/2003	7,330.40	11/21/2003	12/3/2003	6.00	6.00	43,982	49,195.16	
151300	15024143	3/27/2003	7,351.82	3/14/2003	3/27/2003	6.50	6.50	47,787	41,864.76	
151300	15024167	11/3/2003	7,361.00	10/7/2003	11/3/2003	13.50	13.50	99,374	34,512.94	
151300	15024143	5/19/2003	7,636.40	5/13/2003	5/19/2003	3.00	3.00	22,909	27,151.94	
151300	15032158	6/17/2003	9,300.00	6/2/2003	6/17/2003	7.50	7.50	69,750	19,515.54	
151300	15035395	9/8/2003	10,215.54	8/29/2003	9/8/2003	5.00	5.00	51,078	10,215.54	

Total 1,266,305.26

90 % of Accounts Total 1,140,412.36

7,579,815

Average Lag for Chemicals

6.65

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj	Document	Check	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40183379		-37885					363,352.22	
550000	40583603	10/21/2003	6.1					363,731.07	
550000	40566428	9/30/2003	8					363,724.97	
550000	40417649	4/3/2003	8					363,716.97	
550000	40392971	3/5/2003	9					363,708.97	
550000	40345052	1/3/2003	9.66					363,699.97	
550000	40440215	5/1/2003	11.32					363,690.31	
550000	40343393	1/2/2003	12					363,678.99	
550000	40345049	1/3/2003	12					363,668.99	
550000	40355476	1/16/2003	12					363,654.99	
550000	40367509	1/31/2003	12					363,642.99	
550000	40371306	2/6/2003	12					363,630.99	
550000	40460477	5/27/2003	12					363,618.99	
550000	40491373	7/1/2003	12					363,606.99	
550000	40491376	7/1/2003	12					363,594.99	
550000	40491378	7/1/2003	12					363,582.99	
550000	40572710	10/8/2003	13.78					363,570.99	
550000	40522906	8/8/2003	15					363,557.21	
550000	40531580	8/20/2003	15					363,542.21	
550000	40531585	8/20/2003	15					363,527.21	
550000	40549917	9/12/2003	15					363,512.21	
550000	40560712	9/24/2003	15					363,497.21	
550000	40560719	9/24/2003	15					363,482.21	
550000	40583621	10/21/2003	15					363,467.21	
550000	40593868	11/3/2003	15					363,452.21	
550000	40593870	11/3/2003	15					363,437.21	
550000	40618376	12/1/2003	15					363,422.21	
550000	40627720	12/10/2003	15					363,407.21	
550000	40460479	5/27/2003	15.18					363,392.21	
550000	40355475	1/16/2003	15.37					363,377.03	
550000	40440207	5/1/2003	15.37					363,361.66	
550000	40491367	7/1/2003	15.37					363,346.29	
550000	40522917	8/8/2003	15.37					363,330.92	
550000	40549916	9/12/2003	15.37					363,315.55	
550000	40381952	2/19/2003	16					363,300.18	
550000	40428341	4/17/2003	16					363,284.18	
550000	40481219	6/19/2003	16					363,268.18	
550000	40549769	9/11/2003	16.75					363,252.18	
550000	40381982	2/19/2003	16.96					363,235.43	
550000	40491375	7/1/2003	16.96					363,218.47	
550000	40491377	7/1/2003	16.96					363,201.51	
550000	40572709	10/8/2003	16.96					363,184.55	
550000	40603635	11/13/2003	16.96					363,167.59	
550000	40417646	4/3/2003	17					363,150.63	
550000	40392930	3/5/2003	18.55					363,133.63	
550000	40392939	3/5/2003	18.55					363,115.08	
550000	40345053	1/3/2003	18.79					363,096.53	
550000	40417647	4/3/2003	19.34					363,077.74	
550000	40401819	3/17/2003	20					363,058.40	
550000	40402924	3/18/2003	21					363,038.40	
550000	40506170	7/21/2003	21.73					363,017.40	
550000	40428340	4/17/2003	22.5					362,995.67	
550000	40398260	3/12/2003	23.97					362,973.17	
550000	40397962	3/11/2003	24					362,949.20	
550000	40440209	5/1/2003	26					362,925.20	
550000	40818376	12/1/2003	27					362,899.20	
550000	40440212	5/1/2003	28.33					362,872.20	
550000	40428335	4/17/2003	28.96					362,843.87	
550000	40346893	1/7/2003	29.75					362,814.91	
550000	40627721	12/10/2003	29.95					362,785.16	
550000	40468866	6/4/2003	30					362,755.21	
550000	40531578	8/20/2003	30					362,725.21	
550000	40346896	1/7/2003	31					362,695.21	
550000	40355480	1/16/2003	31.37					362,664.21	
550000	40381734	2/20/2003	31.44					362,632.84	
550000	40346903	1/7/2003	32					362,601.40	
550000	40401801	3/17/2003	32.5					362,569.40	
550000	40401809	3/17/2003	33.13					362,536.90	
550000	40409029	3/24/2003	35					362,503.77	
550000	40468891	6/4/2003	35					362,468.77	
550000	40475441	6/12/2003	35					362,433.77	
550000	40468210	6/4/2003	37.24					362,398.77	
550000	40549768	9/11/2003	39.37					362,361.53	
550000	40355514	1/16/2003	40					362,322.16	
550000	40371310	2/6/2003	40					362,282.16	
550000	40382795	2/24/2003	40					362,242.16	
550000	40382797	2/24/2003	40					362,202.16	
550000	40401798	3/17/2003	40					362,162.16	

KENTUCKYAMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40423323	4/17/2003	40					362,122.16	
550000	40440148	5/11/2003	40					362,082.16	
550000	40444806	5/7/2003	40					362,042.16	
550000	40463385	6/14/2003	40					362,002.16	
550000	40481243	6/19/2003	40					361,962.16	
550000	40481247	6/19/2003	40					361,922.16	
550003	40532427	8/20/2003	40					361,882.16	
550000	40560692	9/24/2003	40					361,842.16	
550000	40560693	9/24/2003	40					361,802.16	
550000	40560695	9/24/2003	40					361,762.16	
550000	40560696	9/24/2003	40					361,722.16	
550000	40590193	10/28/2003	40					361,682.16	
550000	40611120	11/20/2003	40					361,642.16	
550000	40611122	11/20/2003	40					361,602.16	
550000	40611125	11/20/2003	40					361,562.16	
550000	40627729	12/10/2003	40					361,522.16	
550000	40417641	4/3/2003	43.41					361,482.16	
550000	40532424	8/20/2003	45					361,438.75	
550000	40532426	8/20/2003	45					361,393.75	
550000	40532429	8/20/2003	45					361,348.75	
550000	40532897	8/20/2003	45					361,303.75	
550000	40627725	12/10/2003	45					361,258.75	
550000	40417777	4/4/2003	46.55					361,213.75	
550000	40444820	5/7/2003	47					361,167.20	
550000	40448852	5/12/2003	47.01					361,120.20	
550000	40560710	9/24/2003	48.56					361,073.19	
550000	40560724	9/24/2003	48.71					361,024.63	
550000	40397953	3/11/2003	50.1					360,975.92	
550000	40560708	9/24/2003	50.1					360,925.82	
550000	40522905	8/8/2003	50.12					360,875.72	
550000	40428338	4/17/2003	50.51					360,825.60	
550000	40357026	1/17/2003	50.89					360,775.09	
550000	40357064	1/17/2003	50.89					360,724.20	
550000	40572715	10/8/2003	50.94					360,673.31	
550000	40468206	6/4/2003	52.64					360,622.37	
550000	40397963	3/11/2003	53					360,569.73	
550000	40534643	8/21/2003	53					360,516.73	
550000	40397949	3/11/2003	55					360,463.73	
550000	40456010	5/20/2003	55					360,408.73	
550000	40392945	3/5/2003	56.18					360,353.73	
550000	40343389	1/2/2003	56.98					360,297.55	
550000	40493925	7/7/2003	57.06					360,240.57	
550000	40412581	3/27/2003	58.07					360,183.51	
550000	40531582	8/20/2003	59.68					360,125.44	
550000	40384194	2/24/2003	60					360,065.76	
550000	40403104	3/18/2003	60					360,005.76	
550000	40601353	11/11/2003	60					359,945.76	
550000	40444823	5/7/2003	62.58					359,885.76	
550000	40355473	1/16/2003	63.45					359,823.18	
550000	40549766	9/11/2003	63.6					359,759.73	
550000	40397967	3/11/2003	64.61					359,696.13	
550000	40583623	10/21/2003	65.06					359,631.52	
550000	40627719	12/10/2003	65.12					359,566.46	
550000	40343399	1/2/2003	65.18					359,501.34	
550000	40456056	5/20/2003	65.18					359,436.16	
550000	40493927	7/7/2003	65.18					359,370.98	
550000	40501492	7/15/2003	66.81					359,305.80	
550000	40397960	3/11/2003	66.88					359,238.99	
550000	40428325	4/17/2003	67.38					359,172.11	
550000	40534633	8/21/2003	67.98					359,104.73	
550000	40583611	10/21/2003	67.99					359,036.75	
550000	40506698	7/24/2003	68.9					358,968.76	
550000	40522900	8/8/2003	68.9					358,899.86	
550000	40534640	8/21/2003	68.9					358,830.96	
550000	40522551	8/8/2003	69.76					358,762.06	
550000	40440208	5/1/2003	69.91					358,692.30	
550000	40456020	5/20/2003	71					358,622.39	
550000	40367546	1/31/2003	71.61					358,551.39	
550000	40367548	1/31/2003	71.61					358,479.78	
550000	40549763	9/11/2003	71.61					358,408.17	
550000	40448836	5/12/2003	74.25					358,336.56	
550000	40481241	6/19/2003	75					358,262.31	
550000	40481246	6/19/2003	75					358,187.31	
550000	40583636	10/21/2003	75					358,112.31	
550000	40506692	7/24/2003	77.77					358,037.31	
550000	40481220	6/19/2003	78.59					357,959.54	
550000	40493928	7/7/2003	78.59					357,880.95	
550000	40343401	1/2/2003	78.91					357,802.36	
550000	40401812	3/17/2003	80					357,723.45	

KENTUCKY AMERICAN WATER COMPANY  
2W3 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40343395	11212003	80.51					357,643.45	
550000	40412590	312712003	82.54					357,562.94	
550000	40578289	10/14/2003	83.21					357,480.40	
550000	40343397	11242003	83.96					357,397.19	
550000	40413434	313112003	84.22					357,313.23	
550000	40440201	51112003	84.75					357,229.01	
550000	40522914	81812003	84.75					357,144.26	
550000	40572708	10/8/2003	84.75					357,059.51	
550000	40534637	812112003	84.78					356,974.76	
550000	40371316	21512003	85					356,889.98	
550000	40471338	61942003	85.26					356,804.98	
550000	40534644	812112003	89.13					356,719.72	
550000	40412281	3/27/2003	89.38					356,630.59	
550000	40355401	111612003	89.75					356,541.21	
550000	40373415	21112003	90					356,451.46	
550000	40355483	111812003	90.25					356,361.46	
550000	40480333	811912003	90.6					356,271.21	
550000	40398165	311112003	91.24					356,180.61	
550000	40381727	2/20/2003	94.86					356,089.37	
550000	40430324	4/21/2003	99.46					355,994.51	
550000	40444829	5/7/2003	99.89					355,895.05	
550000	40491405	71112003	100					355,795.36	
550000	40491370	71112003	101.02					355,695.36	
550000	40501491	711512003	101.24					355,594.34	
550000	40468082	61442003	102					355,493.10	
550000	40432234	4/22/2003	102.94					355,391.10	
550000	40481222	511912003	103.09					355,288.16	
550000	40444841	5/7/2003	103.9					355,185.07	
550000	40444835	51712003	105.03					355,081.17	
550000	40593865	111312003	105.46					354,976.14	
550000	40549764	911112003	105.61					354,870.68	
550000	40456013	512012003	106.94					354,765.07	
550000	40514570	713012003	107.09					354,658.13	
550000	40417656	4/3/2003	108.64					354,551.04	
550000	40381978	211912003	109.14					354,442.40	
550000	40627724	121101200?	112					354,333.26	
550000	40456100	512012003	113.67					354,221.26	
550000	40514538	713012003	117.5					354,107.59	
550000	40493560	71742003	119.85					353,990.09	
550000	40611604	111201200?	121.08					353,870.24	
550000	40508188	712112003	126.77					353,749.16	
550000	40480632	611912003	127.91					353,622.39	
550000	40370354	21512003	128.41					353,494.48	
550000	40428352	411712003	129.27					353,366.07	
550000	40603910	111131200?	129.7					353,236.80	
550000	40572105	10/8/2003	129.71					353,107.10	
550000	40623534	12/5/2003	135.75					352,977.99	
550000	40509696	712412003	136.27					352,841.64	
550000	40618369	12/1/2003	136.97					352,705.37	
550000	40549750	911112003	139.49					352,568.40	
550000	40412260	3/27/2003	140					352,428.91	
550000	40493930	7/7/2003	142.44					352,288.91	
550000	40356999	111712003	144.16					352,146.47	
550000	40401815	311712003	144.83					352,002.31	
550000	40485370	612412003	154.81					351,857.48	
550000	40398197	311112003	155.91					351,702.67	
550000	40514545	713012003	156.09					351,546.76	
550000	40460473	512712003	157.83					351,390.67	
550000	40392937	31512003	158.07					351,232.84	
550000	40534197	8/21/2003	158.96					351,074.77	
550000	40428334	411712003	163.13					350,915.81	
550000	40448819	511212003	164.03					350,752.68	
550000	40485974	612412003	165.92					350,588.65	
550000	40481225	811912003	168.03					350,422.73	
550000	40444516	51712003	169.52					350,254.70	
550000	40412597	312712003	170.35					350,085.18	
550000	40518861	81512003	170.97					349,914.83	
550000	40572711	101812003	172.19					349,743.86	
550000	40381948	211912003	173.95					349,571.67	
550000	40355603	111612003	174.11					349,397.72	
550000	40381715	212012003	174.18					349,223.61	
550000	40534634	812112003	174.26					349,049.43	
550000	40384189	212412003	175.16					348,875.17	
550000	40401806	311712003	179.04					348,700.01	
550000	40345047	11312003	179.99					348,520.97	
550000	40428332	4/17/2003	185.16					348,340.98	
550000	40448725	511212003	187.38					348,155.82	
550000	4050857	712112003	189.09					347,968.44	
550000	40432239	412212003	189.36					347,779.35	



KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40373892	2/11/2003	193.21					347,589.99	
550000	40417660	4/3/2003	194.37					347,398.78	
550000	40485973	6/24/2003	194.39					347,202.41	
550000	40618362	12/1/2003	194.65					347,008.02	
550000	40401817	3/17/2003	196.11					346,813.37	
550000	40448828	5/12/2003	198.44					346,617.26	
550000	40417658	4/3/2003	198.55					346,418.82	
550000	40428330	4/17/2003	199.86					346,220.27	
550000	40618033	12/1/2003	201.23					346,020.41	
550000	40534195	8/21/2003	201.82					345,819.18	
550000	40370653	2/5/2003	208.97					345,617.36	
550000	40371295	2/6/2003	212.07					345,408.39	
550000	40583520	10/21/2003	215.97					345,196.32	
550000	40430629	4/21/2003	218.67					344,980.35	
550000	40534639	8/21/2003	220.16					344,761.68	
550000	40430812	4/21/2003	220.52					344,541.52	
550000	40583613	10/21/2003	222.26					344,321.00	
550000	40398163	3/11/2003	222.4					344,098.74	
550000	40471340	6/9/2003	222.69					343,876.34	
550000	40603933	11/13/2003	224.19					343,653.65	
550000	40560701	9/24/2003	226.48					343,429.46	
550000	40343387	1/2/2003	228.7					343,202.98	
550000	40509700	7/24/2003	228.85					342,974.28	
550000	40468200	6/4/2003	229.22					342,745.43	
550000	40481582	6/19/2003	234					342,516.21	
550000	40460483	5/27/2003	234.91					342,282.21	
550000	40627722	12/10/2003	241.34					342,047.30	
550000	40381700	2/20/2003	242.25					341,805.96	
550000	40414341	3/31/2003	242.26					341,563.71	
550000	40560378	9/24/2003	242.33					341,321.45	
550000	40591608	10/29/2003	248.42					341,079.12	
550000	40572707	10/8/2003	249.21					340,830.70	
550000	40382782	2/24/2003	251.97					340,581.49	
550000	40468218	6/4/2003	252.6					340,329.52	
550000	40367461	1/31/2003	253.11					340,076.92	
550000	40493858	7/7/2003	256.97					339,823.81	
550000	40417642	4/3/2003	259.9					339,566.84	
550000	40381987	2/19/2003	269.17					339,306.94	
550000	40412584	3/27/2003	269.86					339,037.77	
550000	40542472	9/3/2003	269.97					338,767.91	
550000	40451556	5/15/2003	270.24					338,497.94	
550000	40456093	5/20/2003	270.27					338,227.70	
550000	40560726	9/24/2003	271.96					337,957.43	
550000	40560683	9/24/2003	275.15					337,685.47	
550000	40603911	11/13/2003	275.81					337,410.32	
550000	40397037	3/10/2003	277.01					337,134.51	
550000	40481215	6/19/2003	277.84					336,857.50	
550000	40448855	5/12/2003	278.12					336,579.66	
550000	40398170	3/11/2003	278.22					336,301.54	
550000	40591600	10/29/2003	279.65					336,023.32	
550000	40591593	10/29/2003	282.3					335,743.67	
550000	40611601	11/20/2003	289.18					335,461.37	
550000	40381946	2/19/2003	291.03					335,172.19	
550000	40593867	11/3/2003	291.47					334,881.16	
550000	40522897	8/8/2003	295.58					334,589.69	
550000	40460482	5/27/2003	296.55					334,294.11	
550000	40428337	4/17/2003	297.23					333,997.56	
550000	40392934	3/5/2003	299.22					333,700.33	
550000	40417779	4/4/2003	300					333,401.11	
550000	40549777	9/11/2003	305.3					333,101.11	
550000	40468080	6/4/2003	306.35					332,795.81	
550000	40549920	9/12/2003	307.63					332,489.46	
550000	40440213	5/1/2003	309.77					332,181.83	
550000	40568759	10/3/2003	311.92					331,872.06	
550000	40549765	9/11/2003	314.12					331,560.14	
550000	40488286	6/26/2003	319.38					331,246.02	
550000	40627730	12/10/2003	320.73					330,926.64	
550000	40468382	6/4/2003	321.4					330,605.91	
550000	40392925	3/5/2003	321.69					330,284.51	
550000	40481223	6/19/2003	321.75					329,962.82	
550000	40381958	2/19/2003	325.72					329,641.07	
550000	40486934	6/25/2003	326.71					329,315.35	
550000	40382790	2/24/2003	330.89					328,988.64	
550000	40460480	5/27/2003	332.35					328,657.75	
550000	40560735	9/24/2003	332.73					328,325.40	
550000	40493862	7/7/2003	333.36					327,992.67	
550000	40501494	7/15/2003	333.73					327,659.31	
550000	40430668	4/21/2003	333.81					327,325.58	90.08%
550000	40480631	6/19/2003	334.49	2/3/2003	6/19/2003	68.00	68.00	22,745	326,991.77

KENTUCKYAMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40357012	1/17/2003	350.34	10/22/2002	1/17/2003	43.50	43.50	15,240	326,657.28
550000	40401810	3/17/2003	352.81	2/24/2003	3/17/2003	10.50	10.50	3,705	326,306.94
550000	40410377	3/26/2003	356.26	3/6/2003	3/26/2003	10.00	10.00	3,563	325,954.13
550000	40522886	8/8/2003	357.18	7/17/2003	8/8/2003	11.00	11.00	3,929	325,597.87
550000	40392942	3/5/2003	364.11	2/13/2003	3/5/2003	10.00	10.00	3,641	325,240.69
550000	40485972	6/24/2003	374.86	5/31/2003	6/24/2003	12.00	12.00	4,498	324,876.56
550000	40401820	3/17/2003	375.02	2/26/2003	3/17/2003	9.50	9.50	3,563	324,501.72
550000	40444798	5/7/2003	377.42	4/3/2003	5/7/2003	17.00	17.00	6,416	324,126.70
550000	40505859	7/21/2003	377.61	6/30/2003	7/21/2003	10.50	10.50	3,965	323,749.28
550000	40583601	10/21/2003	378.43	7/25/2003	10/21/2003	44.00	44.00	16,851	323,371.67
550000	40481238	6/19/2003	379.19	6/2/2003	6/19/2003	8.50	8.50	3,223	322,993.24
550000	40493929	7/7/2003	379.79	6/17/2003	7/7/2003	10.00	10.00	3,798	322,614.05
550000	40345002	1/3/2003	379.94	12/4/2002	1/3/2003	15.00	15.00	5,699	322,234.26
550000	40618366	12/1/2003	382.58	11/20/2002	12/1/2003	5.50	5.50	2,104	321,854.32
550000	40475212	6/12/2003	385.29	4/22/2003	6/12/2003	25.50	25.50	9,825	321,471.74
550000	40549761	9/11/2003	389.24	8/13/2003	9/11/2003	14.50	14.50	5,644	321,086.45
550000	40603934	11/13/2002	401.66	10/28/2002	11/13/2003	8.00	8.00	3,213	320,697.21
550000	40448840	5/12/2003	403.45	4/27/2003	5/12/2003	7.50	7.50	3,026	320,295.55
550000	40506191	7/21/2003	404.96	6/27/2003	7/21/2003	12.00	12.00	4,960	319,892.10
550000	40549771	9/11/2003	406.83	7/28/2003	9/11/2003	22.50	22.50	9,154	319,487.14
550000	40593866	11/3/2003	408.26	10/17/2002	11/3/2003	8.50	8.50	3,470	319,080.91
550000	40560713	9/24/2003	410.21	9/4/2003	9/24/2003	10.00	10.00	4,102	318,672.05
550000	40384186	2/24/2003	410.52	1/24/2003	2/24/2003	15.50	15.50	6,363	318,261.84
550000	40506174	7/21/2003	413.85	6/30/2003	7/21/2003	10.50	10.50	4,345	317,851.32
550000	40398160	3/11/2003	413.86	2/4/2003	3/11/2003	17.50	17.50	7,243	317,437.47
550000	40448816	5/12/2003	417.17	3/18/2003	5/12/2003	27.50	27.50	11,472	317,023.61
550000	40417643	4/3/2003	424.68	3/13/2003	4/3/2003	10.50	10.50	4,459	316,606.44
550000	40468203	6/4/2003	432.67	4/25/2003	6/4/2003	20.00	20.00	8,653	316,181.76
550000	40572712	10/8/2003	435.91	9/22/2003	10/8/2003	8.00	8.00	3,487	315,749.09
550000	40627718	12/10/2002	438.79	11/18/2002	12/10/2002	11.00	11.00	4,827	315,313.18
550000	40494285	7/7/2003	443.87	6/16/2003	7/7/2003	10.50	10.50	4,661	314,874.39
550000	40611595	11/20/2002	464.42	10/31/2002	11/20/2002	10.00	10.00	4,644	314,430.52
550000	40493857	7/7/2003	474.27	6/9/2003	7/7/2003	14.00	14.00	6,640	313,966.10
550000	40542442	9/3/2003	478.49	8/15/2003	9/3/2003	9.50	9.50	4,546	313,491.83
550000	40521819	8/7/2003	481.2	7/17/2003	8/7/2003	10.50	10.50	5,053	313,013.34
550000	40531575	8/20/2003	482.32	7/31/2003	8/20/2003	10.00	10.00	4,823	312,532.14
550000	40401811	3/17/2003	482.42	2/25/2003	3/17/2003	10.00	10.00	4,824	312,049.82
550000	40518855	8/5/2003	483.14	7/16/2003	8/5/2003	10.00	10.00	4,831	311,567.40
550000	40343326	1/2/2003	485.12	12/9/2002	1/2/2003	12.00	12.00	5,821	311,084.26
550000	40518852	8/5/2003	486.88	6/25/2003	8/5/2003	20.50	20.50	9,981	310,599.14
550000	40384160	2/24/2003	496.84	12/23/2002	2/24/2003	31.50	31.50	15,650	310,112.26
550000	40355499	1/16/2003	499.8	1/12/2002	1/16/2003	28.00	28.00	13,994	309,615.42
550000	40481174	6/19/2003	506.05	5/30/2003	6/19/2003	10.00	10.00	5,061	309,115.62
550000	40509704	7/24/2003	512.52	7/11/2003	7/24/2003	6.50	6.50	3,331	308,609.57
550000	40475459	6/12/2003	514.42	5/28/2003	6/12/2003	7.50	7.50	3,858	308,097.05
550000	40428308	4/17/2003	516.93	3/18/2003	4/17/2003	15.00	15.00	7,754	307,582.63
550000	40542467	9/3/2003	519.36	8/18/2003	9/3/2003	8.00	8.00	4,155	307,065.70
550000	40481235	6/19/2003	525.49	5/30/2003	6/19/2003	10.00	10.00	5,255	306,546.34
550000	40357059	1/17/2003	529.77	12/16/2002	1/17/2003	16.00	16.00	8,476	306,020.85
550000	40514631	7/30/2003	535.74	6/2/2003	7/30/2003	29.00	29.00	15,536	305,491.08
550000	40491381	7/1/2003	546.17	5/17/2003	7/1/2003	22.50	22.50	12,289	304,955.34
550000	40401818	3/17/2003	550.62	2/28/2003	3/17/2003	8.50	8.50	4,680	304,409.17
550000	40514548	7/30/2002	551.77	6/11/2003	7/30/2002	24.50	24.50	13,518	303,858.55
550000	40456018	5/20/2003	555.16	4/21/2003	5/20/2003	14.50	14.50	8,050	303,306.78
550000	40491410	7/1/2003	555.76	3/27/2003	7/1/2003	48.00	48.00	26,676	302,751.62
550000	40401807	3/17/2003	557.49	2/24/2003	3/17/2003	10.50	10.50	5,854	302,195.86
550000	40485975	6/24/2003	562.07	5/31/2003	6/24/2003	12.00	12.00	6,745	301,638.37
550000	40532714	8/20/2003	564.01	8/7/2003	8/20/2003	6.50	6.50	3,666	301,076.30
550000	40505829	7/21/2003	565.22	6/30/2003	7/21/2003	10.50	10.50	5,935	300,512.29
550000	40398200	3/11/2003	566.7	2/20/2003	3/11/2003	9.50	9.50	5,384	299,947.07
550000	40382786	2/24/2003	568.28	1/25/2002	2/24/2003	45.50	45.50	25,857	299,380.37
550000	40456032	5/20/2003	568.42	3/27/2003	5/20/2003	27.00	27.00	15,347	298,812.09
550000	40412577	3/27/2003	583.67	2/28/2003	3/27/2003	13.50	13.50	7,880	298,243.67
550000	40345054	1/3/2003	616.39	12/16/2002	1/3/2003	9.00	9.00	5,548	297,660.00
550000	40371300	2/6/2003	618.73	1/17/2003	2/6/2003	10.00	10.00	6,187	297,043.61
550000	40627045	12/9/2002	640.64	6/19/2003	12/9/2002	86.50	86.50	55,415	296,424.88
550000	40371286	2/6/2003	643.78	12/31/2002	2/6/2003	18.50	18.50	11,910	295,784.24
550000	40549774	9/11/2003	646	8/6/2003	9/11/2003	18.00	18.00	11,628	295,140.46
550000	40591591	10/29/2003	653.12	9/16/2003	10/29/2003	21.50	21.50	14,042	294,494.46
550000	40521817	8/7/2003	663.43	7/14/2003	8/7/2003	12.00	12.00	7,961	293,841.34
550000	40356988	1/17/2003	666.64	1/12/2002	1/17/2003	38.00	38.00	25,332	293,177.91
550000	40430658	4/21/2003	676.35	2/10/2003	4/21/2003	35.00	35.00	23,672	292,511.27
550000	40627706	12/10/2002	678.23	11/4/2002	12/10/2002	18.00	18.00	12,208	291,834.92
550000	40522912	8/8/2003	687.14	7/25/2003	8/8/2003	7.00	7.00	4,810	291,156.69
550000	40593861	11/3/2003	695.16	10/15/2003	11/3/2003	9.50	9.50	6,604	290,469.55
550000	40485971	6/24/2003	697.46	4/30/2003	6/24/2003	27.50	27.50	19,180	289,774.39
550000	40536315	8/26/2003	698.04	7/31/2003	8/26/2003	13.00	13.00	9,075	289,076.93
550000	40355458	1/16/2003	699.97	12/4/2002	1/16/2003	21.50	21.50	15,049	288,378.89
550000	40384183	2/24/2003	708.48	1/15/2003	2/24/2003	20.00	20.00	14,170	287,678.92

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
550000	40514523	7/30/2003	712.27	6/17/2003	7/30/2003	21.50	21.50	15,314	286,970.44
550000	40444591	5/7/2003	713.31	4/15/2003	5/7/2003	11.00	11.00	7,846	286,258.17
550000	40343403	1/2/2003	719.23	12/6/2002	1/2/2003	13.50	13.50	9,710	285,544.86
550000	40468204	6/4/2003	721.07	4/21/2003	6/4/2003	22.00	22.00	15,864	284,825.63
550000	40475450	6/12/2003	723.61	4/2/2003	6/12/2003	35.50	35.50	25,688	284,104.56
550000	40440155	5/1/2003	724.56	4/15/2003	5/1/2003	8.00	8.00	5,796	283,380.95
550000	40572702	10/8/2003	734.7	9/16/2003	10/8/2003	11.00	11.00	8,082	282,656.39
550000	40627039	12/9/2003	739.64	8/25/2003	12/9/2003	53.00	53.00	39,201	281,921.69
550000	40583609	10/21/2003	741.3	8/6/2003	10/21/2003	38.00	38.00	28,169	281,182.05
550000	40367452	1/31/2003	741.77	12/31/2002	1/31/2003	15.50	15.50	11,497	280,440.75
550000	40367547	1/31/2003	753.24	1/15/2003	1/31/2003	8.00	8.00	6,026	279,698.98
550000	40514579	7/30/2003	764.46	6/1/2003	7/30/2003	29.50	29.50	22,552	278,945.74
550000	40460475	5/27/2003	772.43	5/15/2003	5/27/2003	6.00	6.00	4,635	278,181.28
550000	40560722	9/24/2003	776.65	8/30/2003	9/24/2003	12.50	12.50	9,708	277,408.85
550000	40518392	8/4/2003	777.52	7/15/2003	8/4/2003	10.00	10.00	7,775	276,632.20
550000	40560685	9/24/2003	778.05	8/31/2003	9/24/2003	12.00	12.00	9,337	275,854.68
550000	40591607	10/29/2003	779.51	9/30/2003	10/29/2003	14.50	14.50	11,303	275,076.63
550000	40430613	4/21/2003	786.89	3/31/2003	4/21/2003	10.50	10.50	8,262	274,297.12
550000	40346690	1/7/2003	793.01	12/3/2002	1/7/2003	17.50	17.50	13,878	273,510.23
550000	40345044	1/3/2003	796.92	12/12/2002	1/3/2003	11.00	11.00	8,766	272,717.22
550000	40453928	5/19/2003	821.75	5/6/2003	5/19/2003	6.50	6.50	5,341	271,920.30
550000	40468211	6/4/2003	825.36	5/14/2003	6/4/2003	10.50	10.50	8,666	271,098.55
550000	40564280	9/29/2003	826.09	9/16/2003	9/29/2003	6.50	6.50	5,370	270,273.19
550000	40384165	2/24/2003	828.25	1/2/2003	2/24/2003	26.50	26.50	21,949	269,447.10
550000	40409032	3/24/2003	828.25	3/3/2003	3/24/2003	10.50	10.50	8,697	268,618.85
550000	40456054	5/20/2003	833.81	4/3/2003	5/20/2003	23.50	23.50	19,595	267,790.60
550000	40509702	7/24/2003	840.12	7/8/2003	7/24/2003	8.00	8.00	6,721	266,956.79
550000	40613513	11/24/2003	868.7	11/6/2003	11/24/2003	9.00	9.00	7,818	266,116.67
550000	40549759	9/11/2003	887.63	7/16/2003	9/11/2003	28.50	28.50	25,297	265,247.97
550000	40616347	12/1/2003	920.98	10/16/2003	12/1/2003	23.00	23.00	21,183	264,360.34
550000	40448834	5/12/2003	921.09	4/22/2003	5/12/2003	10.00	10.00	9,211	263,439.36
550000	40532737	8/20/2003	926.5	7/31/2003	8/20/2003	10.00	10.00	9,265	262,518.27
550000	40355484	1/16/2003	934.92	11/26/2002	1/16/2003	25.50	25.50	23,840	261,591.77
550000	40428327	4/17/2003	935.98	3/21/2003	4/17/2003	13.50	13.50	12,636	260,656.85
550000	40401822	3/17/2003	949.27	2/28/2003	3/17/2003	8.50	8.50	8,069	259,720.87
550000	40560716	9/24/2003	956.13	9/11/2003	9/24/2003	6.50	6.50	6,215	258,771.60
550000	40456025	5/20/2003	962.41	4/11/2003	5/20/2003	19.50	19.50	18,767	257,815.47
550000	40583630	10/21/2003	965.09	9/30/2003	10/21/2003	10.50	10.50	10,133	256,853.06
550000	40603912	11/13/2003	979.86	11/14/2003	11/13/2003	(0.50)	(0.50)	(490)	255,887.97
550000	40440205	5/1/2003	996.19	4/8/2003	5/1/2003	11.50	11.50	11,456	254,908.11
550000	40627726	12/10/2003	997.86	12/1/2003	12/10/2003	4.50	4.50	4,490	253,911.92
550000	40417669	4/3/2003	1,004.93	2/17/2003	4/3/2003	22.50	22.50	22,611	252,914.06
550000	40382118	2/20/2003	1,007.14	12/2/2002	2/20/2003	40.00	40.00	40,266	251,909.13
550000	40481583	6/19/2003	1,031.31	5/22/2003	6/19/2003	14.00	14.00	14,438	250,901.99
550003	40563759	9/29/2003	1,042.30	8/30/2003	9/29/2003	15.00	15.00	15,635	249,870.68
550000	40401804	3/17/2003	1,048.62	1/28/2003	3/17/2003	24.00	24.00	25,167	248,828.38
550000	40448849	5/12/2003	1,070.36	4/16/2003	5/12/2003	13.00	13.00	13,915	247,779.76
550000	40357069	1/17/2003	1,070.69	9/24/2002	1/17/2003	57.50	57.50	61,565	246,709.40
550000	40521821	8/7/2003	1,083.02	7/17/2003	8/7/2003	10.50	10.50	11,372	245,638.71
550003	40579804	10/15/2003	1,091.80	10/9/2003	10/15/2003	3.00	3.00	3,275	244,555.69
550003	40611674	11/20/2003	1,091.80	11/19/2003	11/20/2003	0.50	0.50	546	243,463.89
550000	40608354	11/18/2003	1,094.86	10/28/2003	11/18/2003	10.50	10.50	11,494	242,372.09
550000	40549911	9/12/2003	1,107.77	8/28/2003	9/12/2003	7.50	7.50	8,308	241,277.43

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Transportation Expense

Obj Acct	Document Number	Check Date	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
			Amount	From To				
550000	40491371	7/11/2003	1,133.85	6/9/2003 7/1/2003	11.00	11.00	12,472	240,169.66
550000	40347876	1/8/2003	1,150.40	11/14/2002 1/8/2003	27.50	27.50	31,635	239,035.81
550000	40549785	9/11/2003	1,155.49	8/27/2003 9/11/2003	7.50	7.50	8,666	237,885.41
550000	40381730	2/20/2003	1,175.91	1/23/2003 2/20/2003	14.00	14.00	16,463	236,729.92
550000	40448825	5/12/2003	1,203.81	4/11/2003 5/12/2003	15.50	15.50	18,659	235,554.01
550000	40384170	2/24/2003	1,232.83	1/9/2003 2/24/2003	23.00	23.00	28,355	234,350.20
550000	40448847	5/12/2003	1,242.49	4/18/2003 5/12/2003	12.00	12.00	14,910	233,117.37
550000	40444825	5/7/2003	1,265.75	4/4/2003 5/7/2003	16.50	16.50	20,885	231,874.88
550000	40518859	8/5/2003	1,280.87	7/22/2003 8/5/2003	7.00	7.00	8,966	230,609.13
550000	40384191	2/24/2003	1,294.20	1/31/2003 2/24/2003	12.00	12.00	15,530	229,328.26
550000	40501489	7/15/2003	1,333.49	6/20/2003 7/15/2003	12.50	12.50	16,669	228,034.06
550000	40522902	8/8/2003	1,339.64	7/21/2003 8/8/2003	9.00	9.00	12,057	226,700.57
550000	40440204	5/1/2003	1,340.82	4/8/2003 5/1/2003	11.50	11.50	15,419	225,360.93
550000	40398195	3/11/2003	1,343.97	2/5/2003 3/11/2003	17.00	17.00	22,847	224,020.11
550000	40464658	6/2/2003	1,364.16	5/20/2003 6/2/2003	6.50	6.50	8,867	222,676.14
550000	40514510	7/30/2003	1,381.20	7/7/2003 7/30/2003	11.50	11.50	15,884	221,311.98
550000	40359724	1/21/2003	1,416.61	1/6/2003 1/21/2003	7.50	7.50	10,625	219,930.78
550000	40514541	7/30/2003	1,438.64	7/14/2003 7/30/2003	8.00	8.00	11,509	218,514.17
550000	40572703	10/8/2003	1,464.86	9/16/2003 10/8/2003	11.00	11.00	16,113	217,075.53
550000	40357073	1/17/2003	1,475.00	1/8/2003 1/17/2003	4.50	4.50	6,638	215,610.67
550000	40432237	4/22/2003	1,475.98	3/25/2003 4/22/2003	14.00	14.00	20,664	214,135.67
550000	40501493	7/15/2003	1,489.11	5/29/2003 7/15/2003	23.50	23.50	34,994	212,659.69
550000	40345051	1/3/2003	1,538.31	12/9/2002 12/23/2002	7.00	18.00	27,690	211,170.58
550000	40583602	10/21/2003	1,558.16	8/7/2003 10/21/2003	37.50	37.50	58,431	209,632.27
550000	40616374	12/1/2003	1,564.86	10/23/2003 12/1/2003	19.50	19.50	30,515	208,074.11
550000	40618351	12/1/2003	1,619.34	11/14/2003 12/1/2003	8.50	8.50	13,764	206,509.25
550000	40481590	6/19/2003	1,628.08	6/3/2003 6/19/2003	8.00	8.00	13,025	204,889.91
550000	40514575	7/30/2003	1,680.11	6/27/2003 7/30/2003	16.50	16.50	27,722	203,261.83
550000	40401832	3/17/2003	1,721.64	2/19/2003 3/17/2003	13.00	13.00	22,381	201,581.72
550000	40357022	1/17/2003	1,751.95	12/23/2002 1/17/2003	12.50	12.50	21,899	199,860.08
550000	40583607	10/21/2003	1,795.23	7/22/2003 10/21/2003	45.50	45.50	81,683	198,108.13
550000	40572713	10/8/2003	1,806.50	9/22/2003 10/8/2003	8.00	8.00	14,452	196,312.90
550000	40456103	5/20/2003	1,823.42	4/25/2003 5/20/2003	12.50	12.50	22,793	194,506.40
550000	40428350	4/17/2003	1,862.06	3/19/2003 4/17/2003	14.50	14.50	27,000	192,682.98
550000	40583605	10/21/2003	1,946.07	7/31/2003 10/21/2003	41.00	41.00	79,789	190,820.92
550000	40417655	4/3/2003	1,947.74	3/11/2003 4/3/2003	11.50	11.50	22,399	188,874.85
550000	40444811	5/7/2003	2,012.16	2/26/2003 5/7/2003	35.00	35.00	70,426	186,927.11
550000	40618373	12/1/2003	2,027.29	10/23/2003 12/1/2003	19.50	19.50	39,532	184,914.95
550000	40426111	4/15/2003	2,185.39	4/3/2003 4/15/2003	6.00	6.00	13,112	182,887.66
550000	40488740	6/25/2003	2,210.56	6/6/2003 6/25/2003	9.50	9.50	21,000	180,702.27
550000	40448851	5/12/2003	2,240.11	4/16/2003 5/12/2003	13.00	13.00	29,121	178,491.71
550000	40444602	5/7/2003	2,267.90	4/25/2003 5/7/2003	6.00	6.00	13,607	176,251.60
550000	40623438	12/5/2003	2,273.11	10/23/2003 12/5/2003	21.50	21.50	48,672	173,983.70
550000	40549783	9/11/2003	2,885.29	8/27/2003 9/11/2003	7.50	7.50	21,640	171,710.59
550000	40448858	5/12/2003	2,886.32	4/14/2003 5/12/2003	14.00	14.00	40,408	168,825.30
550000	40381721	2/20/2003	2,888.16	1/8/2003 2/20/2003	21.50	21.50	62,095	165,938.98
550000	40460474	5/27/2003	2,920.22	5/13/2003 5/27/2003	7.00	7.00	20,442	163,050.82
550000	40509708	7/24/2003	3,268.22	7/10/2003 7/24/2003	7.00	7.00	22,878	160,130.60
550000	40355488	1/16/2003	3,460.50	12/1/2002 1/16/2003	23.00	23.00	79,592	156,862.38
550000	40542474	9/3/2003	3,686.36	8/20/2003 9/3/2003	7.00	7.00	25,805	153,401.88
550000	40506188	7/21/2003	3,730.32	6/30/2003 7/21/2003	10.50	10.50	39,168	149,715.52
550000	40618354	12/1/2003	4,087.80	11/11/2003 12/1/2003	10.00	10.00	40,878	145,985.20
550000	40381943	2/19/2003	4,631.49	1/14/2003 2/19/2003	18.00	18.00	83,367	141,897.40
550000	40371291	2/6/2003	4,789.49	1/13/2003 2/6/2003	12.00	12.00	57,474	137,265.91
550000	40560697	9/24/2003	6,557.02	9/4/2003 9/24/2003	10.00	10.00	65,570	132,476.42
550000	40361812	1/23/2003	7,899.73	12/31/2002 1/23/2003	11.50	11.50	90,847	125,919.40
550000	40344996	1/3/2003	7,984.57	11/30/2002 1/3/2003	17.00	17.00	135,738	118,019.67
550000	40591606	10/29/2003	8,597.98	9/30/2003 10/29/2003	14.50	14.50	124,671	110,035.10
550000	40430610	4/21/2003	8,930.59	3/31/2003 4/21/2003	10.50	10.50	93,771	101,437.12
550000	40455927	5/20/2003	9,224.94	4/30/2003 5/20/2003	10.00	10.00	92,249	92,506.53
550000	40509235	7/23/2003	9,437.00	6/30/2003 7/23/2003	11.50	11.50	108,526	83,281.59
550000	40534200	8/21/2003	9,631.41	7/31/2003 8/21/2003	10.50	10.50	101,130	73,844.59
550000	40611610	11/20/2003	9,645.77	10/31/2003 11/20/2003	10.00	10.00	96,458	64,213.18
550000	40485968	6/24/2003	9,815.81	5/31/2003 6/24/2003	12.00	12.00	117,790	54,567.41
550000	40556680	9/19/2003	10,491.50	9/10/2003 9/19/2003	4.50	4.50	47,212	44,751.60
550000	40410355	3/26/2003	11,286.82	2/28/2003 3/26/2003	13.00	13.00	146,729	34,260.10
550000	40388542	2/28/2003	11,472.07	1/31/2003 2/28/2003	14.00	14.00	160,609	22,973.28
550000	40392918	3/5/2003	11,501.21	2/28/2003 3/5/2003	2.50	2.50	28,753	11,501.21

Total 383,35222

90% of Account 326,99177

4,434,540

Average Lag for Transportation Expense 13.58

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Rents										
Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days		Percentage
				From	To					
541400	40481346	6/19/2003	9.8						42,238.41	
541000	40388538	2/28/2003	15						42,228.61	
541000	40505878	7/21/2003	25						42,213.61	
541400	40346634	1/7/2003	25						42,188.61	
541400	40443299	5/6/2003	25						42,163.61	
541400	40477480	6/16/2003	25						42,138.61	
541400	40508897	7/23/2003	25.01						42,113.61	
541400	40534157	8/21/2003	25.01						42,088.60	
541400	40551906	9/15/2003	25.01						42,063.59	
541400	40585045	10/22/2003	25.01						42,038.58	
541400	40367561	1/31/2003	27.5						42,013.57	
541400	40390266	3/3/2003	27.5						41,986.07	
541400	40408512	3/24/2003	27.5						41,958.57	
541400	40459699	5/27/2003	27.5						41,931.07	
541400	40468146	6/4/2003	42.93						41,903.57	
541000	40481371	6/19/2003	44.06						41,860.64	
541400	40496895	7/9/2003	48.14						41,816.58	
541400	40530606	8/19/2003	48.14						41,768.44	
541400	40559463	9/23/2003	48.14						41,720.30	
541400	40453916	5/19/2003	48.76						41,672.16	
541400	40475237	6/12/2003	48.76						41,623.40	
541400	40600254	11/10/2003	48.76						41,574.64	
541400	40580056	10/16/2003	48.81						41,525.88	
541400	40353093	1/14/2003	49.97						41,477.07	
541400	40381390	2/20/2003	49.97						41,427.10	
541400	40401830	3/17/2003	50.38						41,377.13	
541400	40425944	4/15/2003	50.5						41,326.75	
541400	40506114	7/21/2003	50.6						41,276.25	
541400	40610311	11/20/2003	68.82						41,225.65	
541000	40381795	2/20/2003	100						41,156.83	
541000	40408872	3/24/2003	100						41,056.83	
541000	40430840	4/21/2003	100						40,956.83	
541000	40448783	5/12/2003	100						40,856.83	
541000	40460399	5/27/2003	100						40,756.83	
541000	40481526	6/19/2003	100						40,656.83	
541000	40506060	7/21/2003	100						40,556.83	
541000	40536620	8/26/2003	100						40,456.83	
541000	40536628	8/26/2003	100						40,356.83	
541000	40542026	9/2/2003	100						40,256.83	
541000	40595211	11/4/2003	107.4						40,156.83	
541400	40355412	1/16/2003	110.78						40,049.43	
541000	40410485	3/26/2003	121.39						39,938.65	
541400	40505861	7/21/2003	157.09						39,817.26	
541000	40460398	5/27/2003	205.27						39,660.17	
	40505827	7/21/2003	283.21						39,454.90	
	40560657	9/24/2003	288.78						39,171.69	
541400	40460076	5/27/2003	296.15						38,882.91	
541400	40573985	10/9/2003	308.65						38,586.76	
541400	40480876	6/19/2003	329.09	6/24/2003	7/23/2003	14.50	(19.50)	(6,417)	38,278.11	90.62%
541000	40451595	5/15/2003	343.44	4/3/2003	5/15/2003	21.00	21.00	7,212	37,949.02	
541000	40590235	10/28/2003	343.44	10/20/2003	1/20/2004	46.00	(38.00)	(13,051)	37,605.58	
541000	40382799	2/24/2003	364.05	2/3/2003	2/24/2003	10.50	10.50	3,823	37,262.14	
541000	40451597	5/15/2003	364.05	5/3/2003	5/15/2003	6.00	6.00	2,184	36,898.09	
541400	40430809	4/21/2003	367.78	4/24/2003	5/23/2003	14.50	(17.50)	(6,436)	36,534.04	
541400	40384202	2/24/2003	439.9	2/5/2003	2/24/2003	9.50	9.50	4,179	36,166.26	
541400	40410467	3/26/2003	439.9	3/9/2003	3/26/2003	8.50	8.50	3,739	35,726.36	
541400	40417671	4/3/2003	439.9	3/17/2003	4/3/2003	8.50	8.50	3,739	35,286.46	
541400	40435854	4/28/2003	439.9	4/17/2003	4/28/2003	5.50	5.50	2,419	34,846.56	
541400	40471341	6/9/2003	439.9	5/19/2003	6/9/2003	10.50	10.50	4,619	34,406.66	
541400	40494289	7/7/2003	439.9	6/8/2003	7/7/2003	14.50	14.50	6,379	33,966.76	
541400	40497511	7/10/2003	439.9	6/17/2003	7/10/2003	11.50	11.50	5,059	33,526.86	
541400	40556599	9/19/2003	477	9/30/2003	12/30/2003	45.50	(56.50)	(26,951)	33,086.96	
541000	40398148	3/11/2003	477.17	11/5/2002	12/5/2002	15.00	111.00	52,966	32,609.96	
541000	40409025	3/24/2003	477.17	12/5/2002	1/5/2003	15.50	93.50	44,615	32,132.79	
541000	40434959	4/24/2003	477.17	1/5/2003	2/5/2003	15.50	93.50	44,615	31,655.62	
541000	40460454	5/27/2003	477.17	2/5/2003	3/5/2003	14.00	97.00	46,285	31,178.45	
541000	40486917	6/25/2003	477.17	3/5/2003	4/5/2003	15.50	96.50	46,047	30,701.28	
541000	40536601	8/26/2003	477.17	4/5/2003	5/5/2003	15.00	128.00	61,078	30,224.11	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

**Rents**

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service	Lag	Dollar		Percentage	
				From	To						
541000	40542021	9/2/2003	477.17	5/5/2003	6/5/2003	15.50	104.50	49.864	29,746.94		
541000	40590200	10/28/2003	477.17	6/5/2003	7/5/2003	15.00	130.00	62.032	29,269.77		
541000	40590280	10/28/2003	477.17	7/5/2003	8/5/2003	15.50	99.50	47.478	28,792.60		
541000	40611133	11/20/2003	477.17	8/5/2003	9/5/2003	15.50	91.50	43.661	28,315.43		
541000	40629811	12/11/2003	477.17	9/5/2003	10/5/2003	15.00	82.00	39,128	27,838.26		
541400	40346839	1/7/2003	477.17	10/5/2003	11/5/2003	15.50	(286.50)	(136,709)	27,361.09		
541400	40371250	2/6/2003	477.17	11/5/2003	12/5/2003	15.00	(287.00)	(136,948)	26,883.92		
541400	40345032	1/3/2003	481.4	12/8/2002	1/3/2003	13.00	13.00	6,258	26,406.75		
541400	40360691	1/22/2003	481.4	1/8/2003	1/22/2003	7.00	7.00	3,370	25,925.35		
541400	40392994	3/5/2003	488.95	2/18/2003	3/5/2003	7.50	7.50	3,667	25,443.95		
541400	40381529	2/20/2003	498.33	1/17/2003	2/20/2003	17.00	17.00	8,472	24,955.00		
541400	40486945	6/25/2003	503.95	6/30/2003	9/30/2003	46.00	(51.00)	(25,701)	24,456.67		
541400	40583643	10/21/2003	522.61	10/6/2003	10/21/2003	7.50	7.50	3,920	23,952.72		
541400	40444652	5/7/2003	557.08	3/13/2003	5/7/2003	27.50	27.50	15,320	23,430.11		
541400	40611481	11/20/2003	593.62	11/24/2003	12/23/2003	14.50	(18.50)	(10,982)	22,873.03		
541400	40420306	4/8/2003	601.77	3/24/2003	4/23/2003	15.00	-	-	22,279.41		
541400	40521813	8/7/2003	628.05	7/8/2003	8/7/2003	15.00	15.00	9,421	21,677.64		
541400	40536599	8/26/2003	801.65	8/6/2003	8/26/2003	10.00	10.00	8,017	21,049.59		
541400	40361944	1/23/2003	918.28	1/24/2003	2/23/2003	15.00	(16.00)	(14,692)	20,247.94		
541400	40362236	1/23/2003	929.51	12/17/2002	1/23/2003	18.50	18.50	17,196	19,329.66		
541400	40374253	2/11/2003	1,178.74	10/17/2002	2/11/2003	58.50	58.50	68,956	18,400.15		
541400	40355445	1/16/2003	1,349.31	1/1/2003	1/30/2003	14.50	0.50	675	17,221.41		
541400	40397937	3/11/2003	1,349.31	2/21/2003	3/11/2003	9.00	9.00	12,144	15,872.10		
541400	40415608	4/1/2003	1,349.31	3/21/2003	4/1/2003	5.50	5.50	7,421	14,522.79		
541400	40428259	4/17/2003	1,349.31	1/1/2003	3/25/2003	41.50	64.50	87,030	13,173.48		
541400	40468241	6/4/2003	1,349.31	5/21/2003	6/4/2003	7.00	7.00	9,445	11,824.17		
541400	40491394	7/1/2003	1,349.31	6/20/2003	7/1/2003	5.50	5.50	7,421	10,474.86		
541400	40499434	7/11/2003	1,349.31	3/25/2003	6/26/2003	46.50	61.50	82,983	9,125.55		
541400	40542018	9/2/2003	1,349.31	8/21/2003	9/2/2003	6.00	6.00	8,096	7,776.24		
541400	40563052	9/25/2003	1,349.31	9/22/2003	9/25/2003	1.50	1.50	2,024	6,426.93		
541400	40590186	10/28/2003	1,349.31	6/26/2003	9/30/2003	48.00	76.00	102,548	5,077.62		
541400	40618306	12/1/2003	1,349.31	11/21/2003	12/1/2003	5.00	5.00	6,747	3,728.31		
541000	40408954	3/24/2003	2,379.00	2/27/2003	3/24/2003	12.50	12.50	29,738	2,379.00		
Total			<u>42,238.41</u>								
90% of Account			<u>38278.11</u>					<u>704,103</u>			
Average Lag for Rents								<u>18.39</u>			

Kentucky American Water  
Telephone - Recap

<u>Invoice Amt.</u>	<u>Lag Amt.</u>	<u>Invoice Amt.</u>	<u>Lag Amt.</u>
3316.8	2,788.96	1,294.83	6,556.86
339.87	10,926.13	1,308.61	29,018.15
340.74	23,732.77	1,322.93	36,380.58
350.59	7,949.22	1,338.68	13,469.48
356.79	713.58	1,416.88	17,044.99
357.52	4,626.16	1,422.38	44,093.78
357.74	11,032.50	1,459.90	47,516.78
379.25	13,456.20	1,477.14	30,093.99
431.60	9,557.74	1,511.91	23,962.98
447.90	22,618.95	1,520.86	(5,795.72)
486.74	16,334.06	1,523.88	(7,868.78)
514.82	10,622.25	1,524.05	(6,096.20)
551.91	20,144.72	1,524.05	(2,530.62)
581.33	12,231.72	1,567.22	39,142.06
600.63	3,542.69	1,599.73	35,294.63
628.85	20,123.20	1,602.61	15,273.09
630.91	20,189.12	1,636.49	(2,280.36)
662.28	14,648.27	1,640.20	7,249.33
666.86	1,209.98	1,675.80	(8,882.94)
680.61	12,641.56	1,753.25	15,025.15
714.50	5,203.05	1,764.70	6,348.72
745.24	241.27	1,767.27	29,825.22
762.28	20,581.56	1,819.73	49,538.08
762.54	9,013.38	1,833.66	24,343.88
793.20	4,362.60	1,874.03	39,328.72
801.12	9,643.95	1,910.78	28,054.16
813.16	7,194.62	1,913.24	29,797.49
814.78	7,200.55	2,024.32	3,036.49
814.78	274.92	2,069.66	19,254.59
844.99	2,765.46	2,134.42	(31,775.15)
850.43	4,697.12	2,182.50	(9,588.69)
850.60	24,242.10	2,182.50	2,139.79
851.60	15,528.76	2,182.50	1,048.55
853.93	12,938.43	2,182.50	(8,589.20)
855.69	8,292.85	2,182.50	(8,589.20)
889.69	6,007.59	2,182.50	(9,680.44)
894.10	25,034.80	2,182.50	(2,041.70)
900.79	8,248.27	2,182.50	5,597.06
925.88	3,240.07	2,182.50	(6,406.70)
1,017.83	15,133.15	2,182.50	(9,680.44)
1,061.91	11,623.46	2,390.74	4,751.22
1,073.46	12,333.08	2,661.26	10,684.82
1,118.67	8,944.17	2,677.14	18,228.76
1,216.61	16,913.88	2,682.39	75,106.92
1,240.98	34,747.44	2,687.94	73,918.35
		2,699.59	72,888.93
		2,705.26	32,471.18
		2,705.30	33,939.59
		2,722.39	10,913.01
		2,732.99	11,300.31
		3,050.00	79,300.00
		3,158.09	(12,955.59)
		136,098.68	1,402,672.27

Average Lag for Telephone

10.31

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40438155		(306.25)					176,109.66
575741	40390242	3/3/2003	1.40					176,415.91
575740	40421716	4/9/2003	9.85					176,414.51
575740	40349237	1/9/2003	10.00					176,404.66
575740	40447382	5/9/2003	10.00					176,394.66
575740	40474397	6/11/2003	10.00					176,384.66
575740	40498154	7/10/2003	10.00					176,374.66
575740	40525829	8/13/2003	10.00					176,364.66
575740	40549924	9/12/2003	10.00					176,354.66
575740	40577753	10/14/2003	10.00					176,344.66
575740	40400153	3/14/2003	10.15					176,334.66
575740	40602311	11/12/2003	11.00					176,324.51
575741	40398141	3/11/2003	19.46					176,313.51
575741	40486920	6/25/2003	19.46					176,294.05
575740	40567272	10/1/2003	20.52					176,274.59
575740	40362464	1/27/2003	20.77					176,254.07
575740	40385311	2/25/2003	20.77					176,233.30
575740	40408515	3/24/2003	20.77					176,212.53
575740	40433377	4/23/2003	20.77					176,191.76
575740	40457407	5/21/2003	20.77					176,170.99
575740	40483851	6/23/2003	20.77					176,150.22
575740	40508888	7/23/2003	20.77					176,129.45
575740	40535881	8/25/2003	20.77					176,108.68
575740	40561687	9/24/2003	20.77					176,087.91
575740	40590830	10/29/2003	20.77					176,067.14
575740	40616186	11/26/2003	20.77					176,046.37
575740	40374272	2/11/2003	22.92					176,025.60
575740	40548818	9/10/2003	25.26					176,002.68
575740	40408548	3/24/2003	36.56					175,977.42
575740	40362459	1/27/2003	37.78					175,940.86
575740	40362461	1/27/2003	37.78					175,903.08
575740	40362462	1/27/2003	37.78					175,865.30
575740	40390255	3/3/2003	37.78					175,827.52
575740	40390257	3/3/2003	37.78					175,789.74
575740	40390260	3/3/2003	37.78					175,751.96
575740	40408519	3/24/2003	37.78					175,714.18
575740	40408542	3/24/2003	37.78					175,676.40
575740	40408545	3/24/2003	37.78					175,638.62
575740	40438148	4/29/2003	37.78					175,600.84
575740	40438152	4/29/2003	37.78					175,563.06
575740	40438156	4/29/2003	37.78					175,525.28
575740	40457411	5/21/2003	37.78					175,487.50
575740	40457412	5/21/2003	37.78					175,449.72
575740	40457413	5/21/2003	37.78					175,411.94
575740	40481208	6/19/2003	37.78					175,374.16
575740	40481209	6/19/2003	37.78					175,336.38
575740	40481210	6/19/2003	37.78					175,298.60
575740	40508383	7/23/2003	37.78					175,260.82
575740	40508388	7/23/2003	37.78					175,223.04
575740	40508390	7/23/2003	37.78					175,185.26
575740	40535882	8/25/2003	37.78					175,147.48
575740	40535883	8/25/2003	37.78					175,109.70
575740	40535894	8/25/2003	37.78					175,071.92
575740	40559453	9/23/2003	37.78					175,034.14
575740	40559454	9/23/2003	37.78					174,996.36
575740	40559455	9/23/2003	37.78					174,958.58
575740	40590842	10/29/2003	37.78					174,920.80
575740	40590844	10/29/2003	37.78					174,883.02
575740	40590847	10/29/2003	37.78					174,845.24
575740	40409334	3/25/2003	41.18					174,807.46
575740	40437912	4/29/2003	42.60					174,766.28
575740	40461651	5/28/2003	44.00					174,723.68
575740	40465274	6/2/2003	44.00					174,679.68



KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40481769	6/20/2003	44.00					174,635.68
575740	40613799	11/24/2003	44.00					174,591.68
575740	40613800	11/24/2003	44.00					174,547.68
575740	40374273	2/11/2003	44.50					174,503.68
575740	40365062	1/29/2003	46.95					174,459.18
575740	40388101	2/27/2003	46.95					174,412.23
575740	40411957	3/27/2003	46.95					174,365.28
575741	40471742	6/9/2003	47.18					174,318.33
575741	40496863	7/9/2003	47.18					174,271.15
575741	40525831	8/13/2003	47.23					174,223.97
575740	40436495	4/28/2003	47.27					174,176.74
575740	40466692	6/3/2003	47.30					174,129.47
575741	40447365	5/9/2003	48.61					174,082.17
575741	40543922	9/4/2003	48.66					174,033.56
575740	40486512	6/25/2003	49.01					173,984.90
575741	40396491	3/10/2003	49.12					173,935.89
575741	40418472	4/4/2003	49.12					173,886.77
575740	40515654	7/31/2003	49.17					173,837.65
575740	40539135	8/27/2003	49.48					173,788.48
575740	40592208	10/30/2003	49.68					173,739.00
575740	40620006	12/2/2003	49.73					173,689.32
575740	40564336	9/29/2003	49.81					173,639.59
575741	40348660	1/9/2003	50.57					173,589.78
575741	40374274	2/11/2003	50.57					173,539.21
575740	40394535	3/6/2003	54.84					173,488.64
575740	40602309	11/12/2003	54.99					173,433.80
575741	40610313	11/20/2003	56.38					173,378.81
575741	40355365	1/16/2003	56.71					173,322.43
575741	40406778	3/21/2003	56.76					173,265.72
575741	40382376	2/20/2003	56.83					173,208.96
575741	40623612	12/5/2003	58.71					173,152.13
575741	40427560	4/16/2003	58.71					173,093.42
575740	40389499	3/3/2003	58.89					173,034.71
575740	40415759	4/1/2003	59.07					172,975.82
575741	40479083	6/17/2003	61.62					172,916.75
575740	40412951	3/27/2003	63.64					172,855.13
575740	40348093	1/8/2003	66.03					172,791.49
575741	40453059	5/16/2003	66.14					172,725.46
575740	40500322	7/14/2003	66.21					172,659.32
575740	40523031	8/8/2003	66.23					172,593.11
575740	40421720	4/9/2003	66.26					172,526.88
575740	40428924	4/17/2003	66.26					172,460.62
575740	40428925	4/17/2003	66.26					172,394.36
575740	40438157	4/29/2003	66.26					172,328.10
575740	40447385	5/9/2003	66.26					172,261.84
575740	40451700	5/15/2003	66.26					172,195.58
575740	40451702	5/15/2003	66.26					172,129.32
575740	40459698	5/27/2003	66.26					172,063.06
575740	40473042	6/10/2003	66.29					171,996.80
575740	40481205	6/19/2003	66.29					171,930.51
575740	40481207	6/19/2003	66.29					171,864.22
575740	40483844	6/23/2003	66.29					171,797.93
575740	40498155	7/10/2003	66.34					171,731.64
575740	40505554	7/21/2003	66.34					171,665.30
575740	40505570	7/21/2003	66.34					171,598.96
575740	40518728	8/5/2003	66.34					171,532.62
575740	40525826	8/13/2003	66.34					171,466.28
575740	40535890	8/25/2003	66.71					171,399.94
575740	40535892	8/25/2003	66.71					171,333.23
575740	40535896	8/25/2003	66.71					171,266.52
575740	40447384	5/9/2003	66.75					171,199.81
575740	40469518	6/5/2003	66.78					171,133.06
575740	40599896	11/10/2003	66.91					171,066.28

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obi Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40627339	12/9/2003	66.92					170,999.37
575740	40353097	1/14/2003	66.97					170,932.45
575740	40577755	10/14/2003	67.02					170,865.48
575740	40590835	10/29/2003	67.02					170,798.46
575740	40590838	10/29/2003	67.02					170,731.44
575740	40590839	10/29/2003	67.02					170,664.42
575740	40602852	11/13/2003	67.02					170,597.40
575740	40613237	11/24/2003	67.02					170,530.38
575740	40628822	12/10/2003	67.02					170,463.36
575740	40549922	9/12/2003	67.05					170,396.34
575740	40559446	9/23/2003	67.05					170,329.29
575740	40559447	9/23/2003	67.05					170,262.24
575740	40564329	9/29/2003	67.05					170,195.19
575740	40396504	3/10/2003	67.60					170,128.14
575741	40602864	11/13/2003	68.05					170,060.54
575740	40346632	1/7/2003	68.09					169,992.49
575740	40351785	1/13/2003	68.09					169,924.40
575740	40358942	1/21/2003	68.09					169,856.31
575740	40358947	1/21/2003	68.09					169,788.22
575740	40363996	1/27/2003	68.09					169,720.13
575740	40375536	2/13/2003	68.09					169,652.04
575740	40381756	2/20/2003	68.09					169,583.95
575740	40381763	2/20/2003	68.09					169,515.86
575740	40390253	3/3/2003	68.09					169,447.77
575740	40400545	3/14/2003	68.09					169,379.68
575740	40408537	3/24/2003	68.09					169,311.59
575740	40408546	3/24/2003	68.09					169,243.50
575740	40412304	3/27/2003	68.09					169,175.41
575740	40419666	4/7/2003	71.33					169,107.32
575740	40616184	11/26/2003	73.00					169,035.99
575741	40580057	10/16/2003	75.17					168,962.99
575741	40502424	7/16/2003	81.84					168,887.82
575741	40366561	1/30/2003	82.59					168,805.98
575740	40530860	8/19/2003	88.00					168,723.39
575740	40547518	9/9/2003	88.00					168,635.39
575740	40347885	1/8/2003	90.35					168,547.39
575740	40446687	5/9/2003	91.69					168,457.04
575740	40372659	2/10/2003	93.47					168,365.35
575740	40622867	12/4/2003	95.77					168,271.88
575740	40590832	10/29/2003	100.82					168,176.11
575740	40610704	11/20/2003	100.83					168,075.29
575740	40559461	9/23/2003	100.87					167,974.46
575740	40438161	4/29/2003	104.04					167,873.59
575740	40421711	4/9/2003	106.23					167,769.55
575740	40348670	1/9/2003	106.25					167,663.32
575740	40400150	3/14/2003	106.31					167,557.07
575740	40375539	2/13/2003	106.36					167,450.76
575740	40471748	6/9/2003	106.41					167,344.40
575740	40446707	5/9/2003	106.52					167,237.99
575740	40627337	12/9/2003	106.67					167,131.47
575740	40549930	9/12/2003	106.70					167,024.80
575740	40457410	5/21/2003	107.66					166,918.10
575740	40590841	10/29/2003	110.18					166,810.44
575740	40481204	6/19/2003	110.86					166,700.26
575740	40508417	7/23/2003	111.07					166,589.40
575740	40388883	2/28/2003	112.70					166,478.33
575740	40417638	4/3/2003	115.45					166,365.63
575740	40434911	4/24/2003	115.45					166,250.18
575740	40468197	6/4/2003	115.45					166,134.73
575740	40494277	7/7/2003	115.45					166,019.28
575740	40530670	8/19/2003	115.45					165,903.83
575740	40539671	8/27/2003	115.45					165,788.38
575740	40564275	9/29/2003	115.45					165,672.93

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40603915	11/13/2003	115.45					165,557.48
575740	40623199	12/5/2003	115.45					165,442.03
575740	40559450	9/23/2003	115.74					165,326.58
575740	40592750	11/3/2003	115.96					165,210.84
575741	40447366	5/9/2003	117.83					165,094.88
575741	40447366	5/9/2003	117.84					164,977.05
575740	40496868	7/9/2003	118.31					164,859.21
575741	40580820	10/16/2003	120.50					164,740.90
575740	40535885	8/25/2003	121.07					164,620.40
575741	40587615	10/23/2003	123.73					164,499.33
575741	40471703	6/9/2003	127.23					164,375.60
575740	40420308	4/8/2003	134.57					164,248.37
575741	40528884	8/18/2003	137.15					164,113.80
575740	40392661	3/5/2003	137.82					163,976.65
575741	40580819	10/16/2003	138.99					163,838.83
575741	40559445	9/23/2003	139.03					163,699.84
575741	40355363	1/16/2003	139.61					163,560.81
575741	40406776	3/21/2003	139.71					163,421.20
575740	40595977	11/4/2003	139.80					163,281.49
575741	40382377	2/20/2003	139.83					163,141.69
575741	40453057	5/16/2003	140.53					163,001.86
575741	40479081	6/17/2003	140.59					162,861.33
575741	40502429	7/16/2003	140.59					162,720.74
575741	40427562	4/16/2003	140.70					162,580.15
575740	40358950	1/21/2003	140.85					162,439.45
575740	40382371	2/20/2003	140.85					162,298.60
575740	40406783	3/21/2003	140.85					162,157.75
575740	40431689	4/22/2003	141.81					162,016.90
575740	40453055	5/16/2003	141.81					161,875.09
575740	40569140	10/3/2003	145.78					161,733.28
575740	40479084	6/17/2003	147.03					161,587.50
575740	40507370	7/22/2003	147.42					161,440.47
575740	40534160	8/21/2003	148.44					161,293.05
575740	40590861	10/29/2003	149.13					161,144.61
575740	40610310	11/20/2003	149.19					160,995.48
575740	40559452	9/23/2003	149.43					160,846.29
575740	40626364	12/9/2003	149.53					160,696.86
575740	40471736	6/9/2003	152.90					160,547.33
575740	40496872	7/9/2003	153.13					160,394.43
575740	40462244	5/28/2003	172.16					160,241.30
575740	40436514	4/28/2003	172.60					160,069.14
575740	40543939	9/4/2003	174.11					159,896.54
575740	40520541	8/6/2003	174.49					159,722.43
575740	40489500	6/30/2003	180.53					159,547.94
575740	40478093	6/16/2003	183.84					159,367.41
575741	40355367	1/16/2003	185.46					159,183.57
575741	40355367	1/16/2003	185.46					158,998.11
575740	40411955	3/27/2003	187.82					158,812.65
575740	40567745	10/1/2003	189.53					158,624.83
575740	40389499	3/3/2003	190.31					158,435.30
575740	40543935	9/4/2003	190.50					158,244.99
575741	40375538	2/13/2003	194.07					158,054.49
575740	40375538	2/13/2003	194.08					157,860.42
575740	40535879	8/25/2003	197.46					157,666.34
575740	40574046	10/9/2003	202.04					157,468.88
575741	40528893	8/18/2003	202.38					157,266.84
575740	40390263	3/3/2003	206.14					157,064.46
575740	40362460	1/27/2003	206.33					156,858.32
575740	40347885	1/8/2003	210.82					156,651.99
575740	40358945	1/21/2003	213.14					156,441.17
575740	40381758	2/20/2003	213.14					156,228.03
575740	40408533	3/24/2003	213.14					156,014.89
575740	40428926	4/17/2003	213.14					155,801.75

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40451703	5/15/2003	213.14					155,588.61
575740	40481206	6/19/2003	213.14					155,375.47
575740	40505575	7/21/2003	213.14					155,162.33
575740	40535891	8/25/2003	213.14					154,949.19
575740	40559449	9/23/2003	213.14					154,736.05
575740	40590856	10/29/2003	213.14					154,522.91
575740	40592211	10/30/2003	215.40					154,309.77
575740	40346550	1/7/2003	222.48					154,094.37
575740	40520572	8/6/2003	225.06					153,871.89
575741	40498602	7/11/2003	228.05					153,646.83
575741	40498602	7/11/2003	228.06					153,418.78
575740	40518724	8/5/2003	234.83					153,190.72
575741	40354946	1/15/2003	243.01					152,955.89
575740	40368394	2/3/2003	244.40					152,712.88
575740	40469520	6/5/2003	244.78					152,468.48
575741	40418483	4/4/2003	244.82					152,223.70
575741	40418483	4/4/2003	244.82					151,978.88
575741	40471701	6/9/2003	258.64					151,734.06
575741	40471701	6/9/2003	258.64					151,475.42
575740	40366452	1/30/2003	260.23					151,216.78
575740	40386868	2/26/2003	260.80					150,956.55
575741	40559443	9/23/2003	260.96					150,695.75
575740	40443300	5/6/2003	265.02					150,434.79
575740	40468112	6/4/2003	265.14					150,169.77
575740	40491484	7/1/2003	265.14					149,904.63
575740	40520520	8/6/2003	265.34					149,639.49
575740	40543937	9/4/2003	266.83					149,374.15
575740	40595979	11/4/2003	268.06					149,107.32
575740	40620005	12/2/2003	268.06					148,839.26
575740	40569139	10/3/2003	268.18					148,571.20
575740	40342985	1/2/2003	272.35					148,303.02
575740	40368263	2/3/2003	272.35					148,030.67
575740	40393980	3/6/2003	272.35					147,758.32
575740	40415503	4/1/2003	272.35					147,485.97
575741	40425185	4/14/2003	304.60					147,213.62
575741	40380155	2/19/2003	304.65					146,909.02
575740	40362458	1/27/2003	304.67					146,604.37
575740	40390261	3/3/2003	304.67					146,299.70
575740	40408539	3/24/2003	304.67					145,995.03
575740	40438155	4/29/2003	306.25					145,690.36
575740	40439870	5/1/2003	306.25					145,384.11
575740	40457416	5/21/2003	306.25					145,077.86
575741	40418471	4/4/2003	309.52					144,771.61
575741	40477324	6/16/2003	311.60					144,462.09
575741	40449576	5/13/2003	312.24					144,150.49
575741	40530826	8/19/2003	312.50					143,838.25
575740	40483848	6/23/2003	312.89					143,525.75
575740	40580821	10/16/2003	313.26					143,212.86
575740	40481202	6/19/2003	314.96					142,899.60
575740	40508413	7/23/2003	315.63					142,584.64
575740	40590848	10/29/2003	318.46					142,269.01
575740	40559457	9/23/2003	318.98					141,950.55
575740	40408517	3/24/2003	319.16					141,631.57
575741	40396357	3/10/2003	321.55					141,312.41
575741	40396357	3/10/2003	321.56					140,990.86
575740	40535888	8/25/2003	331.68					140,669.30
575741	40502422	7/16/2003	339.87					140,337.62
575741	40551907	9/15/2003	340.74					139,997.75
575740	40508379	7/23/2003	350.59					139,657.01
575740	40471736	6/9/2003	356.79					139,306.42
575741	40396496	3/10/2003	357.52					138,949.63
575741	40602854	11/13/2003	357.74					138,592.11
575741	40402502	3/18/2003	379.25					138,234.37

80.06%

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obi Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575740	40457405	5/21/2003	431.60					137,855.12
575740	40362463	1/27/2003	447.90					137,423.52
575740	40390265	3/3/2003	486.74					136,975.62
575740	40428922	4/17/2003	514.82					136,488.88
575740	40507374	7/22/2003	551.91					135,974.06
575741	40447364	5/9/2003	581.33					135,422.15
575740	40544512	9/5/2003	600.63					134,840.82
575740	40553757	9/17/2003	628.85					134,240.19
575740	40606113	11/17/2003	630.91					133,611.34
575741	40496857	7/9/2003	662.28					132,980.43
575740	40516168	8/1/2003	666.86					132,318.15
575741	40610308	11/20/2003	680.61					131,651.29
575740	40493707	7/7/2003	714.50					130,970.68
575740	40566477	9/30/2003	745.24					130,256.18
575740	40524697	8/12/2003	762.28					129,510.94
575740	40601194	11/11/2003	762.54					128,748.66
575740	40626393	12/9/2003	793.20					127,986.12
575740	40362457	1/27/2003	801.12					127,192.92
575740	40408534	3/24/2003	813.16					126,391.80
575740	40438159	4/29/2003	814.78					125,578.64
575740	40457414	5/21/2003	814.78					124,763.86
575740	40508414	7/23/2003	844.99					123,949.08
575740	40535887	8/25/2003	850.43					123,104.09
575740	40577758	10/14/2003	850.60					122,253.66
575740	40390262	3/3/2003	851.60					121,403.06
575740	40590851	10/29/2003	853.93					120,551.46
575740	40559458	9/23/2003	855.69					119,697.53
575741	40347887	1/8/2003	889.69					118,841.84
575740	40476386	6/13/2003	894.10					117,952.15
575741	40372943	2/10/2003	900.79					117,058.05
575741	40418479	4/4/2003	925.88					116,157.26
575741	40525848	8/13/2003	1,017.83					115,231.38
575741	40396364	3/10/2003	1,061.91					114,213.55
575741	40496867	7/9/2003	1,073.46					113,151.64
575741	40543927	9/4/2003	1,118.67					112,078.18
575741	40447369	5/9/2003	1,216.61					110,959.51
575740	40351791	1/13/2003	1,240.98					109,742.90
575740	40400549	3/14/2003	1,294.83					108,501.92
575741	40580060	10/16/2003	1,308.61					107,207.09
575740	40449580	5/13/2003	1,322.93					105,898.48
575741	40348666	1/9/2003	1,338.68					104,575.55
575741	40623610	12/5/2003	1,416.88					103,236.87
575740	40427564	4/16/2003	1,422.38					101,819.99
575740	40375537	2/13/2003	1,459.90					100,397.61
575741	40476461	6/13/2003	1,477.14					98,937.71
575740	40580046	10/16/2003	1,511.91					97,460.57
575740	40600252	11/10/2003	1,520.86					95,948.66
575740	40496904	7/9/2003	1,523.88					94,427.80
575740	40524694	8/12/2003	1,524.05					92,903.92
575740	40549926	9/12/2003	1,524.05					91,379.87
575741	40587622	10/23/2003	1,567.22					89,855.82
575741	40602861	11/13/2003	1,599.73					88,288.60
575741	40627333	12/9/2003	1,602.61					86,688.87
575740	40524695	8/12/2003	1,636.49					85,086.26
575741	40418481	4/4/2003	1,640.20					83,449.77
575740	40348652	1/9/2003	1,675.80					81,809.57
575740	40381769	2/20/2003	1,753.25					80,133.77
575740	40402503	3/18/2003	1,764.70					78,380.52
575740	40427567	4/16/2003	1,767.27					76,615.82
575741	40381753	2/20/2003	1,819.73					74,848.55
575741	40496847	7/9/2003	1,833.66					73,028.82
575741	40471740	6/9/2003	1,859.07					71,195.16
575741	40606106	11/17/2003	1,874.03					69,336.09

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Telephone Expense

Obj	Document	Check	Amount	Service Period		Avg Service	Lag	Dollar
				From	To			
575741	40396361	3/10/2003	1,910.78					67,462.06
575741	40524205	8/11/2003	1,913.24					65,551.28
575741	40447367	5/9/2003	2,024.32					63,638.04
575740	40447383	5/9/2003	2,069.66					61,613.72
575741	40546951	9/9/2003	2,134.42					59,544.06
575740	40348657	1/9/2003	2,182.50					57,409.64
575740	40375535	2/13/2003	2,182.50					55,227.14
575740	40400147	3/14/2003	2,182.50					53,044.64
575740	40421717	4/9/2003	2,182.50					50,862.14
575740	40471752	6/9/2003	2,182.50					48,679.64
575740	40496899	7/9/2003	2,182.50					46,497.14
575740	40549928	9/12/2003	2,182.50					44,314.64
575740	40580049	10/16/2003	2,182.50					42,132.14
575740	40600253	11/10/2003	2,182.50					39,949.64
575740	40627338	12/9/2003	2,182.50					37,767.14
575740	40610309	11/20/2003	2,390.74					35,584.64
575740	40382373	2/20/2003	2,661.26					33,193.90
575740	40453053	5/16/2003	2,677.14					30,532.64
575740	40431687	4/22/2003	2,682.39					27,855.50
575740	40507376	7/22/2003	2,687.94					25,173.11
575740	40534164	8/21/2003	2,699.59					22,485.17
575740	40479085	6/17/2003	2,705.26					19,785.58
575740	40590858	10/29/2003	2,705.30					17,080.32
575740	40559460	9/23/2003	2,711.55					14,375.02
575740	40406780	3/21/2003	2,722.39					11,663.47
575740	40358948	1/21/2003	2,732.99					8,941.08
575740	40474398	6/11/2003	3,050.00					6,208.09
575740	40628823	12/10/2003	3,158.09					3,158.09

176,109.66

Kentucky American Water  
Telephone

Total Bill Summary Account ID 331.68	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
	8/25/2003		8/5/2003	9/9/2003		17.5	2.50	15	36.50
					274.04				
					274.04				
					57.64				
					57.64				
					331.68				
					685.10				
					2,103.86				
					2,786.96				





Kentucky American Water  
Telephone  
CellularOne Telephone Bills

Total Bill Summary	Account ID	Date Paid	Amount		Avg Service	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru			From	Thru			
340.74		9/15/2003	8/6/2003	9/20/2003	22.5	17.50	7/6/2003	8/5/2003	49.22	15	56.00
					265.79				74.95		
					<u>265.79</u>				340.74		
									<b>340.74</b>		
					4,651.33						19,081.44
											<b>23,732.77</b>



































Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
666.86	8/1/2003		7/19/2003	8/18/2003		15	-2.00		14.5	28.50
					583.46			83.4		
					583.46			83.4		
										2,376.90
										<b>1,209.98</b>

83.4  
83.4

**666.86**

(1,166.92)

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Amount	Service Period		Avg Service Period	Lag (Lead)
			From	Thru				From	Thru		
680.61	11/20/2003		11/7/2003	12/6/2003	14.5	-1.50		10/7/2003	11/6/2003	15	29.00
		232.66					447.95				
		<u>232.66</u>					<u>447.95</u>				
										<b>680.61</b>	
											<u>12,990.55</u>
											<b>12,641.56</b>

232.66  
232.66

447.95  
447.95

(348.99)

**680.61**

12,990.55

**12,641.56**









































Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		4vg Servict Period	Lag (Lead)	Amount	Service Period		Avg Service Period	Lag (Lead)
			From	Thru				From	Thru		
925.88	4/4/2003		3/23/2003	4/22/2003	15	-3.00		2/23/2003	3/22/2003	13.5	26.50
							721.89				
							<u>721.89</u>				
								203.99			
							<u>721.89</u>	<u>203.99</u>			
											5,405.74
											<u>3,240.07</u>
											<u>925.88</u>
											<u>(2,165.67)</u>





Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
1,073.46	7/9/2003		6/23/2003	7/22/2003		14.5	1.50		15	32.00
		721.89			351.57					
		<u>721.89</u>			<u>351.57</u>					
							1,082.84			
										11,250.24
										<b>12,333.08</b>











Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lay (Lead)
			From	Thru				From	Thru			
1,308.61	10/16/2003		9/23/2003	10/22/2003		14.5	8.50	8/23/2003	9/22/2003		15	39.00
					721.89					586.72		
					<u>721.89</u>					<u>586.72</u>		
												22,882.08
												<b>29,018.15</b>



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
1,338.68	1/9/2003		12/23/2002	1/22/2003		15	2.00	14.5	32.50
		984.84			353.84				
		<u>984.84</u>			<u>353.84</u>				
									11,499.80
									<b>13,469.48</b>







Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
1,459.90	2/13/2003		1/1/2003	1/31/2003		15	28.00	15	59.00
					1,245.72				
					<u>1,245.72</u>				
					214.18				
					<u>214.18</u>				
									12,636.62
									<u>47,516.78</u>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary	Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
				From	Thru				From	Thru			
1477.14		6/13/2003		5/23/2003	6/22/2003		15	6.00	4/23/2003	5/24/2003		15.5	35.50
			23.78			46					378.14		
			0.55			378.14					120.09		
			7.7			7.7					95.72		
			721.89			721.89					79.75		
			3.52			3.52					719.7		
			<u>757.44</u>			<u>719.7</u>					<u>1,477.14</u>		
											<u>25,549.35</u>		
											<u>30,093.99</u>		







Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru				From	Thru			
1524.05	9/12/2003		9/1/2003	9/30/2003	1,432.13	14.5	-3.50	8/1/2003	8/31/2003	91.92	15	27.00
					<u>1,432.13</u>					91.92		
					1,432.13					91.92		
											<b>1,524.05</b>	
							(5,012.46)					2,481.84
												<b>(2,530.62)</b>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary	Account ID	Date Paid	Amount	Service Period From	Service Period Thru	Amount	Avg Service Period	Lag (Lead)	Service Period From	Service Period Thru	Amount	Avg Service Period	Lag (Lead)
1524.05		8/12/2003		8/1/2003	8/31/2003		15	-4.00					
						1,524.05							
						1,524.05							
						(6,096.20)							
						1,524.05							
						(6,096.20)							











Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
1,640.20	4/4/2003		3/23/2003	4/22/2003		15	+3.00			
								1,227.66		
								1,227.66		
								412.54		
								412.54		
								<b>1,640.20</b>		
								(3,682.98)		
								10,992.31		
								<b>7,249.33</b>		

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru				From	Thru			
1,675.80	1/9/2003		1/1/2003	1/31/2003		15	-7.00	12/1/2002	12/31/2002		15	24.00
		1,583.94			91.86					91.86		
		<u>1,583.94</u>			<u>91.86</u>					<u>91.86</u>		
												2,204.64
												<b>(8,882.94)</b>
												<b>1,675.80</b>
												<b>(11,087.58)</b>

ntucky American Water  
lephone  
rizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
753.25	2/20/2003		2/1/2003	2/28/2003	1,570.80	13.5	5.50	15	35.00
					1,570.80				
					182.45				
					182.45				
					1,753.25				
					8,639.40				
					6,385.75				
					15,025.15				









Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
		From	Thru				From	Thru			
1833.66	7/9/2003	6/23/2003	7/22/2003	1,125.68	14.5	1.50	5/23/2003	6/22/2003	707.98	15	32.00
				<u>1,125.68</u>					<u>707.98</u>		
				1,125.68					707.98		
									<u>1,688.52</u>		
											<u>22,655.36</u>
											<b>24,343.88</b>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Service Period	Amount	Avg Service Period	Lag (Lead)
			From	Thru								
1859.07	6/9/2003		5/23/2003	6/22/2003		15	2.00		4/23/2003	5/22/2003	14.5	32.50
		5.44			200.78							
		40.64			21.08							
		0.85			6.13							
		11.90			23.22							
		1,125.68			423.35							
		<u>1,184.51</u>			<u>674.56</u>							
					<b>1,859.07</b>							
					<u>2,369.02</u>							
												<u>21,923.20</u>
												<b>24,292.22</b>



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Avg Service Period	Lag (Lead)	Amount		Avg Service Period	Lag (Lead)
			From	Thru			From	Thru		
1,910.78	3/10/2003		2/23/2003	3/22/2003	13.5	1.50			15	31.00
		1,056.95					853.83			
		1,056.95					853.83			
								1,910.78		
							1,585.43			
										26,468.73
										<b>28,054.16</b>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
1913.24	8/11/2003		7/23/2003	8/22/2003		15	4.00	14.5	34.50
		43.27			0.85				
		11.90			207.00				
		5.44			19.84				
		0.90			18.06				
		1,125.68			480.30				
		<u>1,187.19</u>			<u>726.05</u>				
								<b>1,913.24</b>	
									<u>25,048.73</u>
									<b>29,797.49</b>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
2024.32	5/9/2003		4/23/2003	5/22/2003	215.6	14.5	1.50	215.6	14.5	1.50
					47.57			47.57		
					43.91			43.91		
					5.4			5.4		
					16.77			16.77		
					551.2			551.2		
					880.45			880.45		
					<b>2,024.32</b>			<b>2,024.32</b>		
								1,320.68		
								<b>3,036.49</b>		
								1,715.81		





Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
2,134.42	9/9/2003		9/23/2003	10/22/2003		14.5	-28.50	15	2.00
		0.85			214.68				
		11.81			161.67				
		5.44			45.43				
		1,163.67			77.42				
		<u>1,181.77</u>			12.9				
					440.55				
					<u>952.65</u>				
					<b>2,134.42</b>				
									<u>1,905.30</u>
									<b>(31,775.15)</b>
									<u>(33,680.45)</u>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary	Account ID	Date Paid	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru				From	Thru			
2,182.50		1/9/2003	1/1/2003	1/31/2003		15	-7.00	12/1/2002	12/31/2002		15	24.00
					3.99					183.51		
					3.99					183.51		
												4,404.24
												<b>(9,588.69)</b>
												<b>2,182.50</b>
												<b>(13,992.93)</b>



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
2,182.50	3/14/2003		3/1/2003	3/31/2003		15	-2.00			
								1,998.99		
								<u>1,998.99</u>		
								183.51		
								<u>183.51</u>		
										5,046.53
										<u>1,048.55</u>
										<u>2,182.50</u>
										<u>(3,997.98)</u>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru				From	Thru			
2,182.50	4/9/2003		4/1/2003	4/30/2003		14.5	-6.50	3/1/2003	3/31/2003		15	24.00
					1,998.99					183.51		
					<u>1,998.99</u>					<u>183.51</u>		
												4,404.24
												<b>(8,589.20)</b>
												<b>2,182.50</b>
												<b>(12,993.44)</b>



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Amount	Avg Service Lag	Lag (Lead)
			From	Thru					
2,182.50	9/12/2003		9/1/2003	9/30/2003	14.5	-3.50		15	27.00
		1,998.99					183.51		
		<u>1,998.99</u>					<u>183.51</u>		
								<u>2,182.50</u>	
							<u>(6,996.47)</u>		
								<u>4,954.77</u>	
								<u>(2,041.70)</u>	







Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Amount	Avg Service Period	Lag (Lead)
			From	Thru						
2,182.50	11/10/2003		11/1/2003	11/30/2003		14.5	-5.50		15	25.00
		<u>1,998.99</u>						<u>183.51</u>		
		1,998.99						183.51		
								<u>(10,994.45)</u>		
									<u>2,182.50</u>	
										<u>4,587.75</u>
										<u>(6,406.70)</u>





Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru					
2,661.26	2/20/2003		2/10/2003	3/9/2003		13.5	-3.50	15	26.00
		1,983.32			677.94				
		<u>1,983.32</u>			<u>677.94</u>				
							(6,941.62)		
									<u>17,626.44</u>
									<b>10,684.82</b>



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)
			From	Thru			
2682.39	4/22/2003		3/10/2003	4/9/2003		15	28.00
					2,682.39		
					<u>2,682.39</u>		
							75,106.92
							<b>75,106.92</b>



American Water  
Telephone Bills

Account ID	Date Paid	Amount	Service Period From	Service Period Thru	Amount	Avg Service Period	Lag (Lead)	Service Period From	Service Period Thru	Amount	Avg Service Period	Lag (Lead)
	7/22/2003		611012003	7/9/2003			27.50					
					2,687.94					2,687.94		
					<u>2,687.94</u>					<u>2,687.94</u>		
												73,918.35
												<b>73,918.35</b>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Service Period	Amount		Avg Service Period	Lag (Lead)
			From	Thru					From	Thru		
2,699.59	8/21/2003		8/10/2003	9/9/2003		15	-4.00	7/10/2003	8/9/2003		15	27.00
		0			2,699.59					2,699.59		
					<u>2,699.59</u>					<u>2,699.59</u>		
												<u>72,888.93</u>
												<u>72,888.93</u>



Kentucky American Water  
Telephone  
CellularOne Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Avg Service Period	Lag (Lead)	Lag (Lead)
			From	Thru				
2,705.30	10/29/2003		10/10/2003	11/9/2003		15	4.00	
		<u>1,947.32</u>			<u>757.98</u>			
		1,947.32			757.98			
								<u>26,150.31</u>
								<b>33,939.59</b>

**2,705.30**

7,789.28



Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date Paid	Amount	Service Period		Amount	Lag (Lead)	Avg Service Period	Lag (Lead)
			From	Thru				
2,732.99	1/21/2003		1/10/2003	2/9/2003		-4.00	15	27.00
		<u>2,015.82</u>			<u>717.17</u>			
		2,015.82			<u>717.17</u>			
					<u>2,732.99</u>			
					<u>(8,063.28)</u>			
								<u>19,363.59</u>
								<u>11,300.31</u>

Kentucky American Water  
Telephone  
Verizon Telephone Bills

Total Bill Summary Account ID	Date	Amount		Service Period		Avg Service Period	Lag (Lead)	Lag (Lead)
		From	Thru	From	Thru			
3050	6/11/2003			5/1/2003	5/31/2003	15	26.00	

3,050.00  
3,050.00

0

3,050.00

79,300.00

79,300.00





KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
620000	40603905		-2,834.41					404,502.59	
620000	40538738	812712003	-214.74					407,337.00	
620000	40473461	6111/2003	-80.6					407,551.74	
620000	40492358	71212003	-44.57					407,612.34	
620000	40473461	6111/2003	-38.82					407,656.91	
620000	40473461	6111/2003	-27					407,695.73	
620000	40442948	51512003	-18					407,722.73	
620000	40492358	71212003	-8.01					407,740.73	
620000	40492358	71212003	-8.01					407,748.74	
620000	40442948	51512003	-4.17					407,756.75	
620000	40492358	71212003	-3.75					407,760.92	
620000	40349046	11912003	-0.1					407,764.67	
620000	40391733	31412003	-0.1					407,764.77	
675000	40574659	101912003	-0.07					407,764.87	
620000	40349046	11912003	-0.06					407,764.94	
620000	40426023	411512003	-0.03					407,765.00	
620000	40349046	11912003	-0.02					407,765.03	
620000	40349046	11912003	-0.01					407,765.05	
620000	40606517	1111712003	-0.01					407,765.06	
620000	40349046	11912003	0.01					407,765.07	
620000	40391761	31412003	0.01					407,765.06	
620000	40426023	411512003	0.01					407,765.05	
620000	40468019	61412003	0.01					407,765.04	
620000	40516736	81112003	0.01					407,765.03	
620000	40529209	811812003	0.01					407,765.02	
620000	40563131	912512003	0.01					407,765.01	
620000	40586891	1012312003	0.01					407,765.00	
620000	40586891	1012312003	0.01					407,764.99	
620000	40606517	1111712003	0.01					407,764.98	
620000	40606517	1111712003	0.01					407,764.97	
620000	40606517	1111712003	0.02					407,764.96	
620000	40606517	1111712003	0.02					407,764.94	
620000	40391761	31412003	0.05					407,764.92	
620000	40442948	51512003	0.05					407,764.87	
620000	40606517	1111712003	0.05					407,764.82	
620000	40606517	1111712003	0.06					407,764.77	
620000	40606517	1111712003	0.08					407,764.71	
620000	40606517	1111712003	0.22					407,764.63	
620000	40606517	1111712003	0.29					407,764.41	
620000	40606517	1111712003	0.35					407,764.12	
620000	40606517	1111712003	0.84					407,763.77	
620000	40606517	11/17/2003	0.92					407,762.93	
620000	40503799	711812003	5.71					407,762.01	
620000	40404538	311912003	7.41					407,756.30	
620000	40346705	1/7/2003	8.86					407,748.89	
620000	40355392	111612003	8.86					407,740.03	
620000	40381350	212012003	9.42					407,731.17	
620000	40350716	111012003	9.92					407,721.75	
620000	40350718	111012003	9.92					407,711.83	
620000	40374249	2111/2003	9.92					407,701.91	
620000	40381364	212012003	9.92					407,691.99	
620000	40387076	212612003	9.92					407,682.07	
620000	40401787	311712003	9.92					407,672.15	
620000	40401847	311712003	9.92					407,662.23	
620000	40367564	113112003	9.93					407,652.31	
620000	40453908	511912003	10.02					407,642.38	
620000	40425953	411512003	10.06					407,632.36	
620000	40403170	311812003	10.09					407,622.30	
620000	40439924	51112003	10.09					407,612.21	
620000	40448600	511212003	10.09					407,602.12	
620000	40455922	512012003	10.09					407,592.03	
620000	40468030	61412003	10.09					407,581.94	
620000	40468103	61412003	10.09					407,571.85	
620000	40486186	612512003	10.09					407,561.76	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
620000	40493252	7/13/2003	10.09					407,551.67	
620000	40498189	7/10/2003	10.09					407,541.58	
620000	40505663	7/21/2003	10.09					407,531.49	
620000	40475495	6/12/2003	10.12					407,521.40	
620000	40444803	5/7/2003	10.64					407,511.28	
620000	40460954	6/11/2003	11.2					407,500.64	
620000	40404536	3/19/2003	11.22					407,489.44	
620000	40404536	3/19/2003	12.17					407,478.22	
620000	40404536	3/19/2003	13.12					407,466.05	
620000	40353093	1/14/2003	18.9					407,452.93	
620000	40381390	2/20/2003	18.9					407,434.03	
620000	40401830	3/17/2003	19.3					407,415.13	
620000	40425944	4/15/2003	19.41					407,395.83	
620000	40473461	6/11/2003	19.44					407,376.42	
620000	40404538	3/19/2003	19.61					407,356.98	
620000	40453916	5/19/2003	19.61					407,337.37	
620000	40475237	6/12/2003	19.61					407,317.76	
620000	40600254	1/11/2003	19.61					407,298.15	
620000	40353093	1/14/2003	19.9					407,278.54	
620000	40381390	2/20/2003	19.9					407,258.64	
620000	40496895	7/19/2003	19.92					407,238.74	
620000	40530606	6/19/2003	19.92					407,218.82	
620000	40559463	9/23/2003	19.92					407,198.90	
620000	40580056	10/16/2003	20.24					407,178.98	
620000	40401830	3/17/2003	20.31					407,158.74	
620000	40425944	4/15/2003	20.43					407,138.43	
620000	40453916	5/19/2003	20.62					407,118.00	
620000	40475237	6/12/2003	20.62					407,097.38	
620000	40600254	1/11/2003	20.62					407,076.76	
620000	40496895	7/19/2003	20.93					407,056.14	
620000	40530606	8/19/2003	20.93					407,035.21	
620000	40559463	9/23/2003	20.93					407,014.28	
620000	40580056	10/16/2003	21.27					406,993.35	
620000	40350720	1/10/2003	26.76					406,972.08	
620000	40350723	1/10/2003	26.76					406,945.32	
620000	40355395	1/16/2003	27.26					406,918.56	
620000	40367576	1/31/2003	27.26					406,891.30	
620000	40381355	2/20/2003	27.26					406,864.04	
620000	40381386	2/20/2003	27.26					406,836.78	
620000	40387074	2/26/2003	27.26					406,809.52	
620000	40397982	3/11/2003	27.26					406,782.26	
620000	40401776	3/17/2003	27.26					406,755.00	
620000	40374244	2/11/2003	27.77					406,727.74	
620000	40426137	4/15/2003	28.01					406,699.97	
620000	40439921	5/11/2003	28.01					406,671.96	
620000	40455857	5/20/2003	29.76					406,643.95	
620000	40505643	7/21/2003	29.76					406,614.19	
620000	40580469	10/16/2003	29.76					406,584.43	
620000	40455857	5/20/2003	29.77					406,554.67	
620000	40505643	7/21/2003	29.78					406,524.90	
620000	40580469	10/16/2003	29.78					406,495.12	
620000	40391761	3/14/2003	30.06					406,465.34	
620000	40480987	6/19/2003	30.53					406,435.28	
620000	40480987	6/19/2003	30.53					406,404.75	
620000	40536569	8/26/2003	30.53					406,374.22	
620000	40580466	10/16/2003	30.53					406,343.69	
620000	40536569	8/26/2003	30.55					406,313.16	
620000	40580466	10/16/2003	30.55					406,282.61	
620000	40408903	3/24/2003	30.6					406,252.06	
620000	40613435	11/24/2003	30.95					406,221.46	
620000	40613435	11/24/2003	30.96					406,190.51	
620000	40408887	3/24/2003	31.76					406,159.55	
620000	40416320	4/12/2003	31.76					406,127.79	
620000	40425956	4/15/2003	31.76					406,096.03	
620000	40439505	4/30/2003	31.76					406,064.27	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
620000	40448583	5/12/2003	31.76					406,032.51	
620000	40451213	5/15/2003	31.76					406,000.75	
620000	40455924	5/20/2003	31.76					405,988.99	
620000	40460364	5/27/2003	31.76					405,937.23	
620000	40468109	6/4/2003	31.76					405,905.47	
620000	40475220	6/12/2003	31.76					405,873.71	
620000	40486182	6/25/2003	31.76					405,841.95	
620000	40493251	7/3/2003	31.76					405,810.19	
620000	40498195	7/10/2003	31.76					405,778.43	
620000	40505658	7/21/2003	31.76					405,746.67	
620000	40355389	1/16/2003	32.76					405,714.91	
620000	40408918	3/24/2003	33.1					405,682.15	
620000	40426140	4/15/2003	34.12					405,649.05	
620000	40367457	1/31/2003	34.58					405,614.93	
635000	40381919	2/19/2003	35.64					405,580.35	
635000	40401814	3/17/2003	35.64					405,544.71	
620000	40606782	11/17/2003	36.51					405,509.07	
620000	40606517	11/17/2003	38					405,472.56	
635000	40381935	2/19/2003	38.06					405,434.56	
635000	40401813	3/17/2003	38.06					405,396.50	
635000	40475443	6/12/2003	38.12					405,358.44	
635000	40531572	8/20/2003	38.12					405,320.32	
635000	40433258	4/23/2003	38.13					405,282.20	
635000	40448846	5/12/2003	38.13					405,244.07	
635000	40549788	9/11/2003	38.13					405,205.94	
635000	40578342	10/14/2003	38.13					405,167.81	
635000	40603938	11/13/2003	38.13					405,129.68	
635000	40623533	12/5/2003	38.13					405,091.55	
635000	40501495	7/15/2003	38.14					405,053.42	
620000	40425949	4/15/2003	39.99					405,015.28	
635000	40475447	6/12/2003	40.71					404,975.29	
635000	40448843	5/12/2003	40.72					404,934.58	
635000	40501497	7/15/2003	40.72					404,893.86	
635000	40531571	8/20/2003	40.72					404,853.14	
635000	40549908	9/12/2003	40.72					404,812.42	
635000	40578340	10/14/2003	40.72					404,771.70	
635000	40603937	11/13/2003	40.72					404,730.98	
635000	40623532	12/5/2003	40.72					404,690.26	
635000	40433255	4/23/2003	40.73					404,649.54	
620000	40480951	6/19/2003	41.17					404,608.81	
635000	40401793	3/17/2003	43.5					404,567.64	
620000	40367577	1/31/2003	45.74					404,524.14	
620000	40394771	3/7/2003	46.9					404,478.40	
675000	40354516	1/15/2003	47.74					404,431.50	
675000	40384234	2/24/2003	47.74					404,383.76	
675000	40409010	3/24/2003	47.74					404,336.02	
675000	40434857	4/24/2003	50.6					404,288.28	
675000	40454237	5/19/2003	50.6					404,237.68	
675000	40481376	6/19/2003	50.6					404,187.08	
620000	40480300	6/18/2003	51.24					404,136.48	
675000	40549970	9/12/2003	56.4					404,085.24	
620000	40577413	10/13/2003	60					404,028.84	
675000	40590220	10/27/2003	63.6					403,968.84	
635000	40440161	5/1/2003	65					403,905.24	
635000	40456021	5/20/2003	65					403,840.24	
635000	40542070	9/2/2003	65					403,775.24	
635000	40542465	9/3/2003	65					403,710.24	
635000	40560703	9/24/2003	65					403,645.24	
620000	40444605	5/7/2003	69.78					403,580.24	
675000	40509714	7/24/2003	78.7					403,510.46	
620000	40391733	3/4/2003	79					403,431.76	
620000	40434927	4/24/2003	85					403,352.76	
635000	40367516	1/31/2003	95					403,267.76	
635000	40456007	5/20/2003	96.75					403,172.76	
635000	40532705	8/20/2003	96.75					403,076.01	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense									
Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
635000	40611080	11/20/2003	96.75					402,979.26	
635000	40456057	5/20/2003	47.5					402,882.51	
635000	40532709	8/20/2003	97.5					402,785.01	
635000	40611077	11/20/2003	97.5					402,687.51	
635000	40486744	6/25/2003	97.89					402,590.01	
620000	40577395	10/13/2003	100					402,492.12	
635000	40475209	6/12/2003	100					402,392.12	
635000	40382751	2/24/2003	100.6					402,292.12	
635000	40572704	10/8/2003	106.36					402,191.52	
635000	40583637	10/21/2003	107.7					402,085.16	
635000	40410375	3/26/2003	112.5					401,977.46	
635000	40345071	1/3/2003	115					401,864.96	
620000	40542001	9/2/2003	115.51					401,749.96	
635000	40481555	6/19/2003	118.5					401,634.45	
635000	40561714	9/24/2003	118.5					401,515.95	
620000	40355385	1/16/2003	121.2					401,397.45	
675000	40560631	9/24/2003	124.02					401,276.25	
635000	40468377	6/4/2003	128					401,152.23	
635000	40435839	4/28/2003	132					401,024.23	
675000	40398212	3/11/2003	132					400,892.23	
675000	40398213	3/11/2003	132					400,760.23	
675000	40415559	4/1/2003	132					400,628.23	
675000	40460403	5/27/2003	132					400,496.23	
675000	40536598	8/26/2003	132					400,364.23	
635000	40382779	2/24/2003	132.55					400,232.23	
635000	40410373	3/26/2003	132.55					400,099.68	
635000	40444832	5/7/2003	132.55					399,967.13	
635000	40456106	5/20/2003	132.55					399,834.58	
635000	40481579	6/19/2003	132.55					399,702.03	
635000	40506154	7/21/2003	132.55					399,569.48	
635000	40532700	8/20/2003	132.55					399,436.93	
635000	40560698	9/24/2003	132.55					399,304.38	
635000	40583642	10/21/2003	132.55					399,171.83	
635000	40618345	12/1/2003	132.55					399,039.28	
635000	40627728	12/10/2003	132.55					398,906.73	
635000	40522920	8/8/2003	135.6					398,774.18	
675000	40486936	6/25/2003	138					398,638.58	
635000	40448812	5/12/2003	138.6					398,500.58	
675000	40595175	11/4/2003	138.9					398,361.98	
620000	40355642	1/16/2003	141.15					398,223.08	
635000	40382756	2/24/2003	148					398,081.93	
635000	40432324	4/22/2003	148					397,933.93	
635000	40440032	5/1/2003	150					397,785.93	
635000	40595117	11/4/2003	150					397,635.93	
620000	40547093	9/9/2003	151.2					397,485.93	
635000	40460601	5/27/2003	153.25					397,334.73	
635000	40481255	6/19/2003	153.25					397,181.48	
635000	40506150	7/21/2003	153.25					397,028.23	
635000	40532421	8/20/2003	153.25					396,874.98	
635000	40560742	9/24/2003	153.25					396,721.73	
635000	40578337	10/14/2003	153.25					396,568.48	
635000	40611027	11/20/2003	153.25					396,415.23	
635000	40627716	12/10/2003	153.25					396,261.98	
620000	40483937	6/23/2003	157					396,108.73	
675000	40497514	7/10/2003	159					395,951.73	
635000	40456024	5/20/2003	161.8					395,792.73	
620000	40388772	2/28/2003	164.8					395,630.93	
620000	40420345	4/8/2003	172.5					395,466.13	
620000	40460370	5/27/2003	175					395,293.63	
675000	40456060	5/20/2003	176.5					395,118.63	
620000	40368973	2/4/2003	177.49					394,942.13	
635000	40448809	5/12/2003	195.4					394,764.64	
675000	40549966	9/12/2003	219.06					394,569.24	
635000	40468092	6/4/2003	221.12					394,350.18	
620000	40530662	8/19/2003	222.45					394,129.06	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense										
Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days		Percentage
				From	To					
620000	40388777	2/28/2003	246.24						393,906.61	
620000	40355383	1/16/2003	247.5						393,660.37	
675000	40498231	7/10/2003	251.99						393,412.87	
620000	40596345	11/15/2003	262.4						393,160.88	
635000	40355468	11/16/2003	265.1						392,898.48	
675000	40460619	5/27/2003	292.43						392,633.38	
620000	40590182	10/28/2003	293.77						392,340.95	
620000	40595155	11/14/2003	298.48						392,047.18	
620000	40386784	2/28/2003	310						391,748.70	
675000	40618288	12/11/2003	315.34						391,438.70	
620000	40518888	8/15/2003	327.75						391,123.36	
620000	40585885	10/22/2003	327.75						390,795.61	
675000	40354510	1/15/2003	327.75						390,467.86	
635000	40397969	3/11/2003	328.05						390,140.11	
675000	40403127	3/18/2003	350						389,812.06	
635000	40398277	3/21/2003	360						389,462.06	
675000	40362781	1/27/2003	388.08						389,102.06	
635000	40549912	9/12/2003	392.5						388,713.98	
620000	40348704	1/7/2003	399.8						388,321.48	
620000	40558653	9/19/2003	400						387,921.68	
635000	40456109	5/20/2003	400						387,521.68	
620000	40455850	5/20/2003	401.85						387,121.68	
675000	40595203	11/14/2003	410.4						386,719.83	
675000	40381938	2/19/2003	419						386,309.43	
620000	40410495	3/26/2003	442.5						385,890.43	
620000	40536783	8/26/2003	456.91						385,447.93	
675000	40514401	7/30/2003	477						384,991.02	
675000	40514404	7/30/2003	477						384,514.02	
675000	40549959	9/12/2003	477						384,037.02	
635000	40397970	3/11/2003	497.67						383,560.02	
675000	40603897	11/13/2003	506.96						383,062.35	
675000	40358343	1/20/2003	530						382,555.39	
675000	40361384	1/23/2003	530						382,025.39	
675000	40367499	1/31/2003	530						381,495.39	
675000	40367597	1/31/2003	530						380,965.39	
675000	40388757	2/28/2003	530						380,435.39	
675000	40536788	8/26/2003	530						379,905.39	
635000	40618360	12/1/2003	533						379,375.39	
620000	40590201	10/28/2003	538.85						378,842.39	
620000	40518385	8/4/2003	552.43						378,303.54	
620000	40543959	9/4/2003	564.1						377,751.11	
620000	40555670	9/18/2003	600						377,187.01	
620000	40555670	9/18/2003	600						376,587.01	
620000	40555670	9/18/2003	600						375,987.01	
620000	40562798	9/25/2003	630						375,387.01	
675000	40352510	1/13/2003	640.08						374,757.01	
675000	40572717	10/8/2003	647.39						374,116.93	
620000	40590178	10/28/2003	666.61						373,469.54	
675000	40611220	11/20/2003	678						372,802.93	
675000	40346806	1/7/2003	724.54						372,124.93	
675000	40434982	4/24/2003	733.43						371,400.39	
635000	40381916	2/19/2003	738.37						370,666.96	
675000	40415556	4/1/2003	755.97						369,928.59	
620000	40352647	1/13/2003	761.47						369,172.62	
675000	40408979	3/24/2003	768.1						368,411.15	
675000	40606871	11/17/2003	772.59						367,643.05	
635000	40435840	4/28/2003	788.56						366,870.46	
675000	40355470	1/16/2003	795						366,081.90	
675000	40382793	2/24/2003	795						365,286.90	
675000	40352508	1/13/2003	807.22	12/17/2002	12/23/2002	3.00	24.00	19,373	364,491.90	90.11%
635000	40493854	7/7/2003	816.77	6/16/2003	7/7/2003	10.50	10.50	8,576	363,684.68	
620000	40388759	2/28/2003	830.21	2/3/2003	2/28/2003	12.50	12.50	10,378	362,867.91	
675000	40409028	3/24/2003	834	3/1/2003	3/24/2003	11.50	11.50	9,591	362,037.70	
675000	40428343	4/17/2003	834	4/1/2003	4/17/2003	8.00	8.00	6,672	361,203.70	
675000	40456059	5/20/2003	834	5/1/2003	5/20/2003	9.50	9.50	7,923	360,369.70	

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Maintenance Expense

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage
				From	To				
675000	40481559	6/19/2003	834	6/1/2003	6/19/2003	9.00	9.00	7,506	359,535.70
675000	40506157	7/21/2003	834	7/1/2003	7/21/2003	10.00	10.00	8,340	358,701.70
675000	40534648	8/21/2003	834	8/1/2003	8/21/2003	10.00	10.00	8,340	357,867.70
675000	40560702	9/24/2003	834	9/1/2003	9/24/2003	11.50	11.50	9,591	357,033.70
675000	40583639	10/21/2003	834	10/1/2003	10/21/2003	10.00	10.00	8,340	356,199.70
675000	40603932	11/13/2003	834	11/1/2003	11/13/2003	6.00	6.00	5,004	355,365.70
675000	40627727	12/10/2003	834	12/1/2003	12/10/2003	4.50	4.50	3,753	354,531.70
675000	40509712	7/24/2003	835.2	6/30/2003	7/3/2003	1.50	22.50	18,792	353,697.70
675000	40574659	10/9/2003	854.81	5/28/2003	5/30/2003	1.00	133.00	113,690	352,862.50
675000	40481367	6/19/2003	893.2	1/19/2003	1/26/2003	3.50	147.50	131,747	352,007.69
675000	40377786	2/18/2003	897.44	1/10/2003	1/13/2003	1.50	37.50	33,654	351,114.49
675000	40388765	2/28/2003	905.71	1/2/2003	1/19/2003	8.50	48.50	43,927	350,217.05
675000	40377778	2/18/2003	921.69	2/1/2003	2/19/2003	9.00	8.00	7,374	349,311.34
635000	40381912	2/19/2003	929.42	4/3/2003	4/22/2003	9.50	(52.50)	(48,795)	348,389.65
620000	40432207	4/22/2003	953.96	4/3/2003	4/22/2003	9.50	9.50	9,063	347,460.23
675000	40359704	1/21/2003	1,017.60	1/1/2003	12/31/2003	182.00	(162.00)	(164,851)	346,506.27
675000	40488237	6/26/2003	1,029.12	5/30/2003	6/26/2003	13.50	13.50	13,893	345,488.67
675000	40448797	5/12/2003	1,042.97	4/13/2003	4/20/2003	3.50	25.50	26,596	344,459.55
620000	40610950	11/20/2003	1,082.36	11/4/2003	11/20/2003	8.00	8.00	8,659	343,416.58
675000	40388760	2/28/2003	1,083.39	2/2/2003	2/28/2003	13.00	13.00	14,084	342,334.22
675000	40509711	7/24/2003	1,083.40	6/30/2003	7/8/2003	3.00	21.00	22,751	341,250.83
675000	40398157	3/11/2003	1,111.71	2/9/2003	2/16/2003	3.50	26.50	29,460	340,167.43
675000	40481524	6/19/2003	1,123.82	6/1/2003	6/19/2003	9.00	9.00	10,114	339,055.72
675000	40498294	7/10/2003	1,156.16	6/8/2003	6/15/2003	3.50	28.50	32,951	337,931.60
620000	40531264	8/19/2003	1,158.28	8/7/2003	8/19/2003	6.00	6.00	6,950	336,775.74
675000	40488310	6/26/2003	1,164.24	6/1/2003	6/8/2003	3.50	21.50	25,031	335,617.46
620000	40591481	10/29/2003	1,200.00	12/23/2002	1/7/2003	7.50	302.50	363,000	334,453.22
675000	40346689	1/7/2003	1,200.00	12/23/2002	1/7/2003	7.50	7.50	9,000	333,253.22
675000	40428270	4/17/2003	1,293.60	3/16/2003	3/23/2003	3.50	28.50	36,868	332,053.22
675000	40432214	4/22/2003	1,293.60	4/6/2003	4/13/2003	3.50	12.50	16,170	330,759.62
675000	40440111	5/1/2003	1,293.60	4/20/2003	4/27/2003	3.50	7.50	9,702	329,466.02
675000	40456001	5/20/2003	1,293.60	5/4/2003	5/20/2003	8.00	8.00	10,349	328,172.42
675000	40460407	5/27/2003	1,293.60	3/23/2003	3/30/2003	3.50	61.50	79,556	326,878.82
675000	40416351	4/2/2003	1,305.73	3/9/2003	3/16/2003	3.50	20.50	26,767	325,585.22
675000	40471315	6/9/2003	1,305.73	5/1/2003	5/18/2003	3.50	25.50	33,296	324,279.49
675000	40481369	6/19/2003	1,317.86	5/18/2003	5/25/2003	3.50	28.50	37,559	322,973.76
620000	40409001	3/24/2003	1,321.26	2/17/2003	3/24/2003	17.50	17.50	23,122	321,655.90
675000	40388857	2/28/2003	1,325.96	2/2/2003	2/9/2003	3.50	22.50	29,834	320,334.64
620000	40444608	5/7/2003	1,356.00	4/9/2003	5/7/2003	14.00	14.00	18,984	319,008.68
620000	40468291	6/4/2003	1,356.00	5/16/2003	6/4/2003	9.50	9.50	12,882	317,652.68
635000	40381910	2/19/2003	1,379.50	2/1/2003	2/19/2003	9.00	9.00	12,416	316,296.68
675000	40470968	6/9/2003	1,390.64	5/4/2003	5/11/2003	3.50	32.50	45,196	314,917.18
620000	40506078	7/21/2003	1,404.06	7/2/2003	7/21/2003	9.50	9.50	13,339	313,526.54
620000	40408981	3/24/2003	1,472.85	3/3/2003	3/24/2003	10.50	10.50	15,465	312,122.48
620000	40352656	1/13/2003	1,473.88	1/3/2003	1/13/2003	5.00	5.00	7,369	310,649.63
675000	40506238	7/21/2003	1,499.81	6/22/2003	6/29/2003	3.50	25.50	38,245	309,175.75
620000	40440125	5/1/2003	1,500.99	4/1/2003	5/1/2003	15.00	15.00	22,515	307,675.94
620000	40481519	6/19/2003	1,504.27	6/3/2003	6/19/2003	8.00	8.00	12,034	306,174.95
675000	40434904	4/24/2003	1,548.33	3/30/2003	4/6/2003	3.50	21.50	33,289	304,670.68
620000	40455853	5/20/2003	1,550.40	5/7/2003	5/20/2003	6.50	6.50	10,078	303,122.35
620000	40590263	10/28/2003	1,585.00	9/16/2003	10/28/2003	21.00	21.00	33,285	301,571.95
620000	40444611	5/7/2003	1,590.00	2/6/2003	3/5/2003	13.50	76.50	121,635	299,986.95
675000	40398291	3/12/2003	1,590.00	3/31/2003	5/7/2003	18.50	(37.50)	(59,625)	298,396.95
620000	40547000	9/9/2003	1,592.10	8/21/2003	9/9/2003	9.50	9.50	15,125	296,806.95
620000	40459355	5/22/2003	1,593.38	5/20/2003	5/22/2003	1.00	1.00	1,593	295,214.85
620000	40610948	11/20/2003	1,614.16	11/3/2003	11/20/2003	8.50	8.50	13,720	293,621.47
620000	40572720	10/8/2003	1,638.00	9/16/2003	9/18/2003	1.00	21.00	34,398	292,007.31
620000	40542051	9/2/2003	1,658.47	8/4/2003	9/2/2003	14.50	14.50	24,048	290,369.31
620000	40408997	3/24/2003	1,742.90	2/4/2003	3/24/2003	24.00	24.00	41,830	288,710.84
675000	40485368	6/24/2003	1,873.97	5/2/2003	6/24/2003	26.50	26.50	49,660	286,967.94
675000	40506018	7/21/2003	1,887.97	6/15/2003	6/22/2003	3.50	32.50	61,359	285,093.97
620000	40590239	10/28/2003	1,930.00	9/18/2003	10/28/2003	20.00	20.00	38,600	283,206.00
620000	40546999	9/9/2003	1,931.40	8/21/2003	9/9/2003	9.50	9.50	18,348	281,276.00
620000	40434951	4/24/2003	2,028.60	3/21/2003	4/24/2003	17.00	17.00	34,486	279,344.60
620000	40428355	4/17/2003	2,208.26	3/21/2003	4/17/2003	13.50	13.50	29,812	277,316.00

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

**Maintenance Expense**

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	Percentage		
				From	To						
620000	40444571	51712003	2,211.50	4/25/2003	5/7/2003	6.00	6.00	13,269	275,107.74		
675000	40569128	101312003	2,296.80	9/16/2003	10/13/2003	13.50	3.50	8,039	272,896.24		
675000	40618269	121112003	2,296.80	10/14/2003	11/10/2003	13.50	34.50	79,240	270,599.44		
675000	40569126	101312003	2,327.10	8/19/2003	9/15/2003	13.50	31.50	73,304	268,302.64		
620000	40549950	911212003	2,534.59	9/2/2003	9/12/2003	5.00	5.00	12,673	265,975.54		
675000	40410469	312612003	2,800.00	2/28/2003	3/26/2003	13.00	13.00	36,400	263,440.95		
620000	40603905	1111312003	2,834.41	10/31/2003	11/13/2003	6.50	6.50	18,424	260,640.95		
620000	40613525	1112412003	2,834.41	10/31/2003	11/24/2003	12.00	12.00	34,013	257,806.54		
620000	40377784	211812003	3,039.31	1/6/2003	1/21/2003	7.50	35.50	107,896	254,972.13		
675000	40569129	101312003	3,126.20	8/19/2003	9/2/2003	7.00	38.00	118,796	251,932.82		
620000	40552831	911612003	3,502.00	9/2/2003	9/16/2003	7.00	7.00	24,514	248,806.62		
620000	40530596	8/1912003	4,240.00	5/21/2003	8/19/2003	45.00	45.00	190,800	245,304.62		
620000	40498203	711012003	4,630.00	2/21/2003	7/10/2003	69.50	69.50	321,785	241,064.62		
675000	40587870	1012312003	4,631.81	9/30/2003	10/23/2003	11.50	11.50	53,266	236,434.62		
675000	40573968	101912003	4,900.00	8/3/2003	10/9/2003	33.50	33.50	164,150	231,802.81		
620000	40590224	1012712003	5,301.68	9/29/2003	10/27/2003	14.00	14.00	74,224	226,902.81		
620000	40530595	811912003	5,618.00	4/30/2003	8/19/2003	55.50	55.50	311,799	221,601.13		
620000	40542062	9/2/2003	5,966.28	8/21/2003	9/2/2003	6.00	6.00	35,798	215,983.13		
675000	40362036	112312003	6,468.00	1/2/2003	1/23/2003	10.50	10.50	67,914	210,016.85		
620000	40509725	712412003	8,463.60	7/7/2003	7/24/2003	8.50	8.50	71,941	203,548.85		
620000	40475480	61122003	9,208.46	5/29/2003	6/12/2003	7.00	7.00	64,459	195,085.25		
620000	40518415	81412003	10,406.07	7/25/2003	8/4/2003	5.00	5.00	52,030	185,876.79		
620000	40451603	511512003	10,937.75	4/30/2003	5/15/2003	7.50	7.50	82,033	175,470.72		
620000	40471088	61912003	10,993.30	5/19/2003	6/9/2003	10.50	10.50	115,430	164,532.97		
620000	40498309	711012003	11,414.06	6/24/2003	7/10/2003	8.00	8.00	91,312	153,539.67		
620000	40432217	412212003	11,740.98	4/7/2003	4/22/2003	7.50	7.50	88,057	142,125.61		
620000	40488304	6/26/2003	12,337.40	6/9/2003	6/26/2003	8.50	8.50	104,868	130,384.63		
620000	40458758	5/22/2003	12,520.00	5/5/2003	5/18/2003	6.50	10.50	131,460	118,047.23		
620000	40460410	512712003	13,110.90	5/9/2003	5/27/2003	9.00	9.00	117,998	105,527.23		
620000	40509746	712412003	13,617.88	6/20/2003	7/3/2003	6.50	27.50	374,492	92,416.33		
620000	40356967	111712003	14,993.95	11/18/2002	1/2/2003	22.50	37.50	562,273	78,798.45		
620000	40459351	5/22/2003	18,821.42	5/20/2003	5/22/2003	1.00	1.00	18,821	63,804.50		
620000	40568754	101312003	19,925.00	5/28/2003	10/3/2003	64.00	64.00	1,275,200	44,983.08		
620000	40458761	512212003	25,058.08	5/19/2003	5/22/2003	1.50	1.50	37,587	25,058.08		
Total			<u>404,502.59</u>								
90% of Account Total			<u>364,491.90</u>							<u>6,758,051</u>	
Average Lag for Maintenance Expense								<u>18.54</u>			

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
620000	40603905		-2,834.41					2,236,055.09
575280	40604563		-1,000.00					2,238,889.50
575030	40480638		-600					2,239,889.50
575000	40585928		-580.74					2,240,489.50
535000	40578344		-334.75					2,241,070.24
575000	40412220		-268.92					2,241,404.99
620000	40538738	8/27/2003	-214.74					2,241,673.91
575280	40375196		-135					2,241,888.65
575270	40365591		-100					2,242,023.65
575270	40365592		-100					2,242,123.65
575000	40492360	7/2/2003	-65.85					2,242,223.65
620000	40473461	6/11/2003	-60.6					2,242,289.50
575000	40084617		-55					2,242,350.10
575000	40218170		-50					2,242,405.10
620000	40492358	7/2/2003	-44.57					2,242,455.10
535000	40328689		-39.98					2,242,499.67
620000	40473461	6/11/2003	-38.82					2,242,539.65
620000	40473461	6/11/2003	-27					2,242,578.47
575000	40566431		-25					2,242,605.47
620000	40442948	5/5/2003	-18					2,242,630.47
620000	40492358	7/2/2003	-8.01					2,242,648.47
620000	40492358	7/2/2003	-8.01					2,242,656.48
575480	40217020		-4.48					2,242,664.49
620000	40442948	5/5/2003	-4.17					2,242,668.97
620000	40492358	7/2/2003	-3.75					2,242,673.14
575000	40352669	1/13/2003	-2.91					2,242,676.89
575000	40394798	3/7/2003	-1.55					2,242,679.80
575000	40488577	6/26/2003	-1.41					2,242,681.35
575000	40369110	2/4/2003	-0.38					2,242,682.76
575000	40487242	6/25/2003	-0.33					2,242,683.14
575000	40352669	1/13/2003	-0.17					2,242,683.47
620000	40349046	1/9/2003	-0.1					2,242,683.64
620000	40391733	3/4/2003	-0.1					2,242,683.74
675000	40574659	10/9/2003	-0.07					2,242,683.84
620000	40349046	1/9/2003	-0.06					2,242,683.91
620000	40426023	4/15/2003	-0.03					2,242,683.97
575000	40369110	2/4/2003	-0.02					2,242,684.00
575000	40487242	6/25/2003	-0.02					2,242,684.02
620000	40349046	1/9/2003	-0.02					2,242,684.04
520100	40365468	1/29/2003	-0.01					2,242,684.06
575000	40352681	1/13/2003	-0.01					2,242,684.07
575000	40365451	1/29/2003	-0.01					2,242,684.08
575000	40369110	2/4/2003	-0.01					2,242,684.09
575000	40369146	2/4/2003	-0.01					2,242,684.10
575000	40425973	4/15/2003	-0.01					2,242,684.11
575000	40442882	5/5/2003	-0.01					2,242,684.12
575000	40487292	6/25/2003	-0.01					2,242,684.13
575000	40615816	11/25/2003	-0.01					2,242,684.14
620000	40349046	1/9/2003	-0.01					2,242,684.15
620000	40606517	11/17/2003	-0.01					2,242,684.16
575000	40365459	1/29/2003	0.01					2,242,684.17
575000	40369146	2/4/2003	0.01					2,242,684.16
575000	40483887	6/23/2003	0.01					2,242,684.15
575000	40591925	10/30/2003	0.01					2,242,684.14
575000	40591982	10/30/2003	0.01					2,242,684.13
575000	40591983	10/30/2003	0.01					2,242,684.12
575000	40591986	10/30/2003	0.01					2,242,684.11
575000	40615874	11/25/2003	0.01					2,242,684.10
620000	40349046	1/9/2003	0.01					2,242,684.09
620000	40391761	3/4/2003	0.01					2,242,684.08
620000	40426023	4/15/2003	0.01					2,242,684.07
620000	40468019	6/4/2003	0.01					2,242,684.06
620000	40516736	8/1/2003	0.01					2,242,684.05
620000	40529209	8/18/2003	0.01					2,242,684.04
620000	40563131	9/25/2003	0.01					2,242,684.03
620000	40586891	10/23/2003	0.01					2,242,684.02
620000	40586891	10/23/2003	0.01					2,242,684.01
620000	40606517	11/17/2003	0.01					2,242,684.00
620000	40606517	11/17/2003	0.01					2,242,683.99



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575000	40615857	11/25/2003	0.02					2,242,683.98
620000	40606517	11/17/2003	0.02					2,242,683.96
620000	40606517	11/17/2003	0.02					2,242,683.94
575000	40483887	6/23/2003	0.03					2,242,683.92
575000	40365451	1/29/2003	0.05					2,242,683.89
575000	40615882	11/25/2003	0.05					2,242,683.84
620000	40391761	3/4/2003	0.05					2,242,683.79
620000	40442948	5/5/2003	0.05					2,242,683.74
620000	40606517	11/17/2003	0.05					2,242,683.69
575000	40386734	2/26/2003	0.06					2,242,683.64
620000	40606517	11/17/2003	0.06					2,242,683.58
620000	40606517	11/17/2003	0.08					2,242,683.52
575000	40591982	10/30/2003	0.12					2,242,683.44
575000	40591983	10/30/2003	0.12					2,242,683.32
575000	40591986	10/30/2003	0.12					2,242,683.20
575000	40442966	5/5/2003	0.15					2,242,683.08
575000	40615874	11/25/2003	0.19					2,242,682.93
620000	40606517	11/17/2003	0.22					2,242,682.74
575000	40365459	1/29/2003	0.23					2,242,682.52
620000	40606517	11/17/2003	0.29					2,242,682.29
575000	40615857	11/25/2003	0.33					2,242,682.00
620000	40606517	11/17/2003	0.35					2,242,681.67
575000	40365441	1/29/2003	0.5					2,242,681.32
575000	40469517	6/5/2003	0.5					2,242,680.82
575000	40438367	4/30/2003	0.6					2,242,680.32
575000	40365451	1/29/2003	0.77					2,242,679.72
575000	40615882	11/25/2003	0.83					2,242,678.95
620000	40606517	11/17/2003	0.84					2,242,678.12
620000	40606517	11/17/2003	0.92					2,242,677.28
575000	40386734	2/26/2003	1.01					2,242,676.36
575620	40476289	6/13/2003	1.24					2,242,675.35
575000	40536625	8/26/2003	1.95					2,242,674.11
575000	40591982	10/30/2003	2.07					2,242,672.16
575000	40591983	10/30/2003	2.07					2,242,670.09
575000	40591986	10/30/2003	2.07					2,242,668.02
575820	40432164	4/22/2003	2.18					2,242,665.95
520100	40392971	3/5/2003	2.22					2,242,663.77
575000	40417587	4/3/2003	2.63					2,242,661.55
575320	40492037	7/2/2003	2.81					2,242,658.92
520100	40566428	9/30/2003	2.86					2,242,656.11
575000	40566428	9/30/2003	2.94					2,242,653.25
575320	40393345	3/5/2003	2.99					2,242,650.31
575000	40392954	3/5/2003	3.17					2,242,647.32
575000	40392959	3/5/2003	3.28					2,242,644.15
575000	40432161	4/22/2003	3.38					2,242,640.87
575000	40497538	7/10/2003	3.45					2,242,637.49
520100	40559646	9/23/2003	3.75					2,242,634.04
520100	40392971	3/5/2003	3.78					2,242,630.29
575000	40464441	6/2/2003	3.8					2,242,626.51
575660	40530613	8/19/2003	3.9					2,242,622.71
535001	40481010	6/19/2003	3.98					2,242,618.81
535001	40547061	9/9/2003	3.98					2,242,614.83
535001	40584769	10/22/2003	3.98					2,242,610.85
575660	40573974	10/9/2003	4.06					2,242,606.87
575660	40603885	11/13/2003	4.06					2,242,602.81
575000	40497536	7/10/2003	4.11					2,242,598.75
520100	40620774	12/3/2003	4.4					2,242,594.64
575320	40629978	12/11/2003	4.4					2,242,590.24
520100	40600876	11/11/2003	4.44					2,242,585.84
520100	40606204	11/17/2003	4.45					2,242,581.40
575320	40414134	3/31/2003	4.47					2,242,576.95
520100	40497611	7/10/2003	4.49					2,242,572.48
520100	40518989	8/5/2003	4.49					2,242,567.99
575000	40417605	4/3/2003	4.5					2,242,563.50
520100	40541600	9/2/2003	4.51					2,242,559.00
575320	40616885	11/26/2003	4.51					2,242,554.49
520100	40567086	10/1/2003	4.52					2,242,549.98
520100	40591247	10/29/2003	4.53					2,242,545.46
520100	40620767	12/3/2003	4.54					2,242,540.93

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575000	40629810	12/11/2003	4.54					2,242,536.39
520100	40444460	5/7/2003	4.57					2,242,531.85
520100	40448301	5/12/2003	4.57					2,242,527.28
575320	40437816	4/29/2003	4.57					2,242,522.71
520100	40471720	6/9/2003	4.58					2,242,518.14
520100	40496625	7/9/2003	4.58					2,242,513.56
520100	40496679	7/9/2003	4.58					2,242,508.98
520100	40519710	8/6/2003	4.58					2,242,504.40
520100	40520358	8/6/2003	4.58					2,242,499.82
575320	40519709	8/6/2003	4.58					2,242,495.24
575320	40463297	5/29/2003	4.58					2,242,490.66
575320	40488809	6/30/2003	4.58					2,242,486.08
575320	40505725	7/21/2003	4.58					2,242,481.50
575320	40512557	7/29/2003	4.58					2,242,476.92
520100	40543769	9/4/2003	4.59					2,242,472.34
520100	40543778	9/4/2003	4.59					2,242,467.75
575320	40543774	9/4/2003	4.59					2,242,463.16
575320	40537647	8/26/2003	4.59					2,242,458.57
520100	40567083	10/1/2003	4.6					2,242,453.98
520100	40571194	10/6/2003	4.6					2,242,449.38
575320	40564027	9/29/2003	4.6					2,242,444.78
520100	40355369	1/16/2003	4.61					2,242,440.18
520100	40422665	4/10/2003	4.61					2,242,435.57
520100	40564034	9/29/2003	4.63					2,242,430.96
575830	40397100	3/10/2003	4.63					2,242,426.33
520100	40585295	10/22/2003	4.64					2,242,421.70
520100	40467483	6/4/2003	4.65					2,242,417.06
520100	40585301	10/22/2003	4.65					2,242,412.41
520100	40596619	11/5/2003	4.65					2,242,407.76
575320	40591240	10/29/2003	4.65					2,242,403.11
520100	40525209	8/12/2003	4.66					2,242,398.46
575320	40496678	7/9/2003	4.66					2,242,393.80
575320	40478818	6/17/2003	4.66					2,242,389.14
520100	40548116	9/10/2003	4.69					2,242,384.48
575320	40567085	10/1/2003	4.69					2,242,379.79
520100	40595432	11/4/2003	4.74					2,242,375.10
575000	40358351	1/20/2003	4.77					2,242,370.36
520100	40601798	11/12/2003	4.79					2,242,365.59
575000	40417587	4/3/2003	4.8					2,242,360.80
520100	40550436	9/12/2003	4.81					2,242,356.00
575320	40398073	3/11/2003	4.92					2,242,351.19
520100	40507022	7/22/2003	4.94					2,242,346.27
575320	40420000	4/7/2003	4.94					2,242,341.33
575320	40371372	2/6/2003	4.95					2,242,336.39
575320	40371363	2/6/2003	4.97					2,242,331.44
575320	40623446	12/5/2003	4.98					2,242,326.47
575320	40467484	6/4/2003	4.99					2,242,321.49
575320	40346630	1/7/2003	5					2,242,316.50
575320	40543771	9/4/2003	5					2,242,311.50
575320	40559647	9/23/2003	5					2,242,306.50
575320	40569109	10/3/2003	5					2,242,301.50
575340	40566428	9/30/2003	5					2,242,296.50
575320	40386351	2/26/2003	5.04					2,242,291.50
575320	40393332	3/5/2003	5.04					2,242,286.46
575320	40409699	3/25/2003	5.04					2,242,281.42
575320	40416511	4/2/2003	5.04					2,242,276.38
575320	40444458	5/7/2003	5.05					2,242,271.34
575320	40471193	6/9/2003	5.05					2,242,266.29
575320	40364264	1/28/2003	5.09					2,242,261.24
575320	40371324	2/6/2003	5.09					2,242,256.15
575320	40528210	8/15/2003	5.09					2,242,251.06
575000	40417587	4/3/2003	5.1					2,242,245.97
575320	40519718	8/6/2003	5.1					2,242,240.87
575320	40571196	10/6/2003	5.1					2,242,235.77
575000	40611130	11/20/2003	5.11					2,242,230.67
575320	40532186	8/20/2003	5.14					2,242,225.56
575320	40543767	9/4/2003	5.14					2,242,220.42
575320	40606201	11/17/2003	5.16					2,242,215.28
575320	40398071	3/11/2003	5.17					2,242,210.12

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575320	40344951	1/3/2003	5.17					2,242,204.95
575320	40596618	11/5/2003	5.17					2,242,199.78
575320	40496677	7/9/2003	5.18					2,242,194.61
575320	40585303	10/22/2003	5.2					2,242,189.43
575320	40595415	11/4/2003	5.2					2,242,184.23
575000	40398040	3/11/2003	5.25					2,242,179.03
575320	40595417	11/4/2003	5.25					2,242,173.78
575000	40611567	11/20/2003	5.29					2,242,168.53
575320	40403148	3/18/2003	5.29					2,242,163.24
575320	40457202	5/21/2003	5.29					2,242,157.95
575320	40468989	6/5/2003	5.29					2,242,152.66
575320	40507025	7/22/2003	5.3					2,242,147.37
575320	40518990	8/5/2003	5.3					2,242,142.07
575320	40454585	5/19/2003	5.33					2,242,136.77
575320	40609178	11/19/2003	5.33					2,242,131.44
575320	40620765	12/3/2003	5.33					2,242,126.11
575320	40359509	1/21/2003	5.36					2,242,120.78
575320	40432799	4/23/2003	5.37					2,242,115.42
575320	40440044	5/1/2003	5.37					2,242,110.05
520100	40626808	12/9/2003	5.42					2,242,104.68
575320	40483396	6/23/2003	5.43					2,242,099.26
575320	40492038	7/2/2003	5.43					2,242,093.83
520100	40535752	8/25/2003	5.44					2,242,088.40
575320	40579171	10/15/2003	5.49					2,242,082.96
575320	40426035	4/15/2003	5.52					2,242,077.47
575320	40382273	2/20/2003	5.53					2,242,071.95
520100	40497610	7/10/2003	5.54					2,242,066.42
520100	40573039	10/8/2003	5.57					2,242,060.88
575320	40552470	9/16/2003	5.57					2,242,055.31
520100	40526371	8/13/2003	5.58					2,242,049.74
520100	40518988	8/5/2003	5.62					2,242,044.16
520100	40543775	9/4/2003	5.64					2,242,038.54
575320	40444461	5/7/2003	5.66					2,242,032.90
520100	40567084	10/1/2003	5.69					2,242,027.24
620000	40503799	7/18/2003	5.71					2,242,021.55
575480	40525212	8/12/2003	5.76					2,242,015.84
575480	40548271	9/10/2003	5.76					2,242,010.08
575480	40573038	10/8/2003	5.76					2,242,004.32
575480	40601793	11/12/2003	5.76					2,241,998.56
575480	40627922	12/10/2003	5.76					2,241,992.80
575320	40620772	12/3/2003	5.84					2,241,987.04
520100	40502339	7/16/2003	5.89					2,241,981.20
575000	40417587	4/3/2003	5.93					2,241,975.31
575350	40566428	9/30/2003	5.99					2,241,969.38
575320	40479819	6/18/2003	6.01					2,241,963.39
575320	40479820	6/18/2003	6.01					2,241,957.38
575320	40505722	7/21/2003	6.01					2,241,951.37
575320	40532184	8/20/2003	6.01					2,241,945.36
575320	40553983	9/17/2003	6.01					2,241,939.35
520100	40580587	10/16/2003	6.07					2,241,933.34
520100	40380401	2/19/2003	6.08					2,241,927.27
575000	40590287	10/28/2003	6.11					2,241,921.19
520100	40585296	10/22/2003	6.24					2,241,915.08
575000	40409024	3/24/2003	6.28					2,241,908.84
520100	40452719	5/16/2003	6.33					2,241,902.56
520100	40403239	3/18/2003	6.37					2,241,896.23
575000	40442860	5/5/2003	6.4					2,241,889.86
520100	40426366	4/15/2003	6.44					2,241,883.46
575340	40556237	9/18/2003	6.5					2,241,877.02
575350	40566428	9/30/2003	6.5					2,241,870.52
520100	40467485	6/4/2003	6.6					2,241,864.02
520100	40478820	6/17/2003	6.64					2,241,857.42
520100	40473876	6/11/2003	6.73					2,241,850.78
575000	40603886	11/13/2003	7					2,241,844.05
520100	40560707	9/24/2003	7.06					2,241,837.05
520100	40591246	10/29/2003	7.08					2,241,829.99
520100	40492042	7/2/2003	7.17					2,241,822.91
575320	40371322	2/6/2003	7.23					2,241,815.74
575320	40416506	4/2/2003	7.31					2,241,808.51

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575320	40342981	1/2/2003	7.4					2,241,801.20
620000	40404538	3/19/2003	7.41					2,241,793.80
575000	40506210	7/21/2003	7.52					2,241,786.39
575320	40375243	2/12/2003	7.53					2,241,778.87
575320	40382269	2/20/2003	7.53					2,241,771.34
575320	40616978	11/26/2003	7.56					2,241,763.81
575320	40403237	3/18/2003	7.57					2,241,756.25
575320	40403240	3/18/2003	7.57					2,241,748.68
575320	40451471	5/15/2003	7.58					2,241,741.11
575320	40454586	5/19/2003	7.58					2,241,733.53
575320	40601797	11/12/2003	7.59					2,241,725.95
575320	40606205	11/17/2003	7.59					2,241,718.36
575320	40358895	1/21/2003	7.62					2,241,710.77
575320	40359517	1/21/2003	7.62					2,241,703.15
575320	40526372	8/13/2003	7.65					2,241,695.53
575320	40528212	8/15/2003	7.65					2,241,687.88
575320	40423390	4/11/2003	7.74					2,241,680.23
575320	40426036	4/15/2003	7.74					2,241,672.49
575320	40548269	9/10/2003	7.82					2,241,664.75
575320	40552471	9/16/2003	7.82					2,241,656.93
575320	40501744	7/15/2003	7.83					2,241,649.11
575320	40502343	7/16/2003	7.83					2,241,641.28
575320	40627919	12/10/2003	7.93					2,241,633.45
535001	40491210	7/1/2003	7.95					2,241,625.52
575000	40506223	7/21/2003	7.95					2,241,617.57
520100	40393349	3/5/2003	7.96					2,241,609.62
535001	40521748	8/7/2003	7.96					2,241,601.66
535001	40568758	10/3/2003	7.96					2,241,593.70
535001	40584769	10/22/2003	7.96					2,241,585.74
575320	40475011	6/12/2003	7.96					2,241,577.78
575320	40478819	6/17/2003	7.96					2,241,569.82
575320	40577922	10/14/2003	8.03					2,241,561.86
575320	40579170	10/15/2003	8.03					2,241,553.83
520100	40528209	8/15/2003	8.18					2,241,545.80
520100	40505730	7/21/2003	8.19					2,241,537.62
575660	40573976	10/9/2003	8.23					2,241,529.43
535000	40563260	9/25/2003	8.25					2,241,521.20
520100	40564031	9/29/2003	8.42					2,241,512.95
575000	40392971	3/5/2003	8.48					2,241,504.53
520100	40609177	11/19/2003	8.49					2,241,496.05
575000	40483875	6/23/2003	8.52					2,241,487.56
575000	40355866	1/16/2003	8.63					2,241,479.04
575000	40388656	2/28/2003	8.68					2,241,470.41
520100	40537657	8/26/2003	8.84					2,241,461.73
620000	40346705	1/7/2003	8.86					2,241,452.89
620000	40355392	1/16/2003	8.86					2,241,444.03
575350	40392971	3/5/2003	8.87					2,241,435.17
520100	40426079	4/15/2003	9					2,241,426.30
520100	40519011	8/5/2003	9.02					2,241,417.30
520100	40541609	9/2/2003	9.25					2,241,408.28
520100	40490289	7/1/2003	9.26					2,241,399.03
575000	40392971	3/5/2003	9.27					2,241,389.77
575000	40611129	11/20/2003	9.36					2,241,380.50
620000	40381350	2/20/2003	9.42					2,241,371.14
575000	40613343	11/24/2003	9.5					2,241,361.72
520100	40564035	9/29/2003	9.89					2,241,352.22
620000	40350716	1/10/2003	9.92					2,241,342.33
620000	40350718	1/10/2003	9.92					2,241,332.41
620000	40374249	2/11/2003	9.92					2,241,322.49
620000	40381364	2/20/2003	9.92					2,241,312.57
620000	40387076	2/26/2003	9.92					2,241,302.65
620000	40401787	3/17/2003	9.92					2,241,292.73
620000	40401847	3/17/2003	9.92					2,241,282.81
620000	40367564	1/31/2003	9.93					2,241,272.89
575000	40351727	1/13/2003	10					2,241,262.96
575000	40397042	3/10/2003	10					2,241,252.96
575342	40541851	9/2/2003	10					2,241,242.96
620000	40453908	5/19/2003	10.02					2,241,232.96
620000	40425953	4/15/2003	10.06					2,241,222.94

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575320	40600877	11/11/2003	10.07					2,241,212.88
620000	40403170	3/18/2003	10.09					2,241,202.81
620000	40439924	5/1/2003	10.09					2,241,192.72
620000	40448600	5/12/2003	10.09					2,241,182.63
620000	40455922	5/20/2003	10.09					2,241,172.54
620000	40468030	6/4/2003	10.09					2,241,162.45
620000	40468103	6/4/2003	10.09					2,241,152.36
620000	40486186	6/25/2003	10.09					2,241,142.27
620000	40493252	7/3/2003	10.09					2,241,132.18
620000	40498189	7/10/2003	10.09					2,241,122.09
620000	40505663	7/21/2003	10.09					2,241,112.00
620000	40475495	6/12/2003	10.12					2,241,101.91
575620	40398039	3/11/2003	10.15					2,241,091.79
520100	40440117	5/1/2003	10.18					2,241,081.64
575320	40400652	3/14/2003	10.2					2,241,071.46
575320	40380403	2/19/2003	10.21					2,241,061.26
575000	40556688	9/19/2003	10.24					2,241,051.05
575320	40353099	1/14/2003	10.24					2,241,040.81
575660	40468240	6/4/2003	10.28					2,241,030.57
520100	40589627	10/28/2003	10.35					2,241,020.29
575320	40451473	5/15/2003	10.36					2,241,009.94
575320	40526374	8/13/2003	10.42					2,240,999.58
575320	40423389	4/11/2003	10.44					2,240,989.16
520100	40615387	11/25/2003	10.45					2,240,978.72
520100	40485650	6/24/2003	10.48					2,240,968.27
520100	40479817	6/18/2003	10.49					2,240,957.79
575320	40627920	12/10/2003	10.49					2,240,947.30
575000	40352669	1/13/2003	10.5					2,240,936.81
575320	40501743	7/15/2003	10.5					2,240,926.31
575320	40548268	9/10/2003	10.53					2,240,915.81
575320	40478815	6/17/2003	10.57					2,240,905.28
575320	40575120	10/10/2003	10.61					2,240,894.71
620000	40444803	5/7/2003	10.64					2,240,884.10
520100	40462849	5/29/2003	10.84					2,240,873.46
520100	40606207	11/17/2003	10.85					2,240,862.62
520100	40505734	7/21/2003	10.87					2,240,851.77
575660	40521761	8/7/2003	11					2,240,840.90
520100	40390395	3/3/2003	11.13					2,240,829.90
520100	40347905	1/8/2003	11.17					2,240,818.77
575000	40566428	9/30/2003	11.18					2,240,807.60
620000	40480954	6/19/2003	11.2					2,240,796.42
575320	40591234	10/29/2003	11.21					2,240,785.22
620000	40404538	3/19/2003	11.22					2,240,774.01
520100	40468994	6/5/2003	11.27					2,240,762.79
520100	40505729	7/21/2003	11.28					2,240,751.52
520100	40537659	8/26/2003	11.3					2,240,740.24
520100	40585298	10/22/2003	11.3					2,240,728.94
575320	40616898	11/26/2003	11.34					2,240,717.64
520100	40365850	1/30/2003	11.35					2,240,706.30
520100	40555733	9/18/2003	11.4					2,240,694.95
575320	40365847	1/30/2003	11.56					2,240,683.55
575320	40391693	3/4/2003	11.58					2,240,671.99
575320	40415627	4/1/2003	11.58					2,240,660.41
575480	40616888	11/26/2003	11.58					2,240,648.83
575320	40583078	10/20/2003	11.77					2,240,637.25
520100	40483393	6/23/2003	11.79					2,240,625.48
535001	40498197	7/10/2003	11.93					2,240,613.69
535001	40505504	7/21/2003	11.93					2,240,601.76
575320	40463332	5/29/2003	11.94					2,240,589.83
520100	40392971	3/5/2003	11.96					2,240,577.89
575320	40438487	4/30/2003	11.96					2,240,565.93
620000	40404538	3/19/2003	12.17					2,240,553.97
575320	40488811	6/30/2003	12.24					2,240,541.80
575000	40505639	7/21/2003	12.5					2,240,529.56
575660	40521728	8/7/2003	12.8					2,240,517.06
520100	40457150	5/21/2003	12.83					2,240,504.26
620000	40404538	3/19/2003	13.12					2,240,491.43
520100	40559645	9/23/2003	13.28					2,240,478.31
520100	40483395	6/23/2003	13.48					2,240,465.03

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575480	40391702	3/4/2003	13.48					2,240,451.55
520100	40365855	1/30/2003	13.5					2,240,438.07
520100	40615386	11/25/2003	13.5					2,240,424.57
575000	40410344	3/26/2003	13.52					2,240,411.07
520100	40537661	8/26/2003	13.64					2,240,397.55
520100	40620775	12/3/2003	13.7					2,240,383.91
575351	40361932	1/23/2003	13.71					2,240,370.21
575000	40504351	7/18/2003	13.73					2,240,356.50
520100	40461456	5/28/2003	13.74					2,240,342.77
575351	40361932	1/23/2003	13.82					2,240,329.03
520100	40519012	8/5/2003	13.84					2,240,315.21
520100	40564030	9/29/2003	13.84					2,240,301.37
575351	40361932	1/23/2003	13.91					2,240,287.53
520100	40485703	6/24/2003	14					2,240,273.62
575660	40624919	12/8/2003	14.04					2,240,259.62
520100	40409700	3/25/2003	14.09					2,240,245.58
575480	40437817	4/29/2003	14.09					2,240,231.49
520100	40591232	10/29/2003	14.1					2,240,217.40
575000	40531285	8/19/2003	14.1					2,240,203.30
575480	40512562	7/29/2003	14.11					2,240,189.20
520100	40543777	9/4/2003	14.13					2,240,175.09
520100	40606208	11/17/2003	14.13					2,240,160.96
520100	40585300	10/22/2003	14.15					2,240,146.83
520100	40535591	8/25/2003	14.18					2,240,132.68
520100	40526373	8/13/2003	14.2					2,240,118.50
520100	40448300	5/12/2003	14.24					2,240,104.30
575320	40569110	10/3/2003	14.3					2,240,090.06
520100	40386811	2/26/2003	14.33					2,240,075.76
520100	40364263	1/28/2003	14.47					2,240,061.43
575200	40514369	7/30/2003	14.58					2,240,046.96
575000	40417587	4/3/2003	14.68					2,240,032.38
520100	40536328	8/26/2003	14.84					2,240,017.70
575480	40463301	5/29/2003	14.96					2,240,002.86
520100	40564072	9/29/2003	14.99					2,239,987.90
520100	40616880	11/26/2003	14.99					2,239,972.91
575000	40459940	5/27/2003	15					2,239,957.92
575000	40530602	8/19/2003	15					2,239,942.92
575002	40451211	5/15/2003	15					2,239,927.92
575340	40437348	4/29/2003	15					2,239,912.92
520100	40577921	10/14/2003	15.02					2,239,897.92
575000	40444584	5/7/2003	15.13					2,239,882.90
575000	40417587	4/3/2003	15.24					2,239,867.77
520100	40569111	10/3/2003	15.27					2,239,852.53
520100	40601796	11/12/2003	15.36					2,239,837.26
520100	40537653	8/26/2003	15.4					2,239,821.90
520100	40552468	9/16/2003	15.5					2,239,806.50
520100	40425956	4/15/2003	15.54					2,239,791.00
575351	40613343	11/24/2003	15.65					2,239,775.46
520100	40471192	6/9/2003	15.71					2,239,759.81
520100	40461460	5/28/2003	15.72					2,239,744.10
520100	40361895	1/23/2003	15.79					2,239,728.38
520100	40496626	7/9/2003	15.79					2,239,712.59
575000	40428266	4/17/2003	15.9					2,239,696.80
575030	40568762	10/3/2003	15.9					2,239,680.90
575030	40629602	12/11/2003	15.9					2,239,665.00
535001	40439864	5/1/2003	15.91					2,239,649.10
535001	40542445	9/3/2003	15.91					2,239,633.19
535001	40580456	10/16/2003	15.91					2,239,617.28
520100	40439505	4/30/2003	15.92					2,239,601.37
520100	40507024	7/22/2003	15.93					2,239,585.45
575350	40392971	3/5/2003	16					2,239,569.52
520100	40432798	4/23/2003	16.01					2,239,553.52
520100	40409702	3/25/2003	16.03					2,239,537.51
520100	40437805	4/29/2003	16.09					2,239,521.48
520100	40437810	4/29/2003	16.09					2,239,505.39
520100	40519707	8/6/2003	16.11					2,239,489.30
520100	40382263	2/20/2003	16.38					2,239,473.19
520100	40488800	6/30/2003	16.41					2,239,456.81
575480	40488808	6/30/2003	16.48					2,239,440.40

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40455924	5/20/2003	16.54					2,239,423.92
520100	40493251	7/3/2003	16.54					2,239,407.38
520100	40505658	7/21/2003	16.54					2,239,390.84
520100	40455863	5/20/2003	16.55					2,239,374.30
520100	40502338	7/16/2003	16.57					2,239,357.75
575480	40537648	8/26/2003	16.9					2,239,341.18
520100	40468109	6/4/2003	16.92					2,239,324.28
520100	40463007	5/29/2003	17					2,239,307.36
575340	40518379	8/4/2003	17					2,239,290.36
520100	40478821	6/17/2003	17.17					2,239,273.36
575320	40457200	5/21/2003	17.46					2,239,256.19
575480	40414135	3/31/2003	17.47					2,239,238.73
575320	40429291	4/18/2003	17.6					2,239,221.26
575000	40417605	4/3/2003	17.7					2,239,203.66
520100	40409706	3/25/2003	17.77					2,239,185.96
575000	40448625	5/12/2003	17.79					2,239,168.19
575660	40585819	10/22/2003	17.89					2,239,150.40
575000	40609781	11/19/2003	17.9					2,239,132.51
575351	40361930	1/23/2003	17.97					2,239,114.61
575351	40361930	1/23/2003	17.97					2,239,096.64
535000	40518294	8/4/2003	18					2,239,078.67
575480	40371364	2/6/2003	18.12					2,239,060.67
520100	40437806	4/29/2003	18.22					2,239,042.55
575351	40439972	5/1/2003	18.34					2,239,024.33
520100	40498195	7/10/2003	18.54					2,239,005.99
575660	40537877	8/26/2003	18.6					2,238,987.45
575000	40417587	4/3/2003	18.64					2,238,968.85
520100	40347903	1/8/2003	18.69					2,238,950.21
620000	40353093	1/14/2003	18.9					2,238,931.52
620000	40381390	2/20/2003	18.9					2,238,912.62
575420	40531252	8/19/2003	19.08					2,238,893.72
575000	40468240	6/4/2003	19.1					2,238,874.64
520100	40444463	5/7/2003	19.24					2,238,855.54
620000	40401830	3/17/2003	19.3					2,238,836.30
620000	40425944	4/15/2003	19.41					2,238,817.00
620000	40473461	6/11/2003	19.44					2,238,797.59
520100	40627918	12/10/2003	19.45					2,238,778.15
520100	40451213	5/15/2003	19.54					2,238,758.70
520100	40460364	5/27/2003	19.54					2,238,739.16
520100	40475220	6/12/2003	19.54					2,238,719.62
520100	40486182	6/25/2003	19.54					2,238,700.08
575000	40530197	8/18/2003	19.57					2,238,680.54
620000	40404538	3/19/2003	19.61					2,238,660.97
620000	40453916	5/19/2003	19.61					2,238,641.36
620000	40475237	6/12/2003	19.61					2,238,621.75
620000	40600254	11/10/2003	19.61					2,238,602.14
575351	40428288	4/17/2003	19.72					2,238,582.53
535001	40603883	11/13/2003	19.89					2,238,562.81
620000	40353093	1/14/2003	19.9					2,238,542.92
620000	40381390	2/20/2003	19.9					2,238,523.02
620000	40496895	7/9/2003	19.92					2,238,503.12
620000	40530606	8/19/2003	19.92					2,238,483.20
620000	40559463	9/23/2003	19.92					2,238,463.28
575000	40381344	2/20/2003	20					2,238,443.36
575000	40498200	7/10/2003	20					2,238,423.36
575000	40549744	9/11/2003	20					2,238,403.36
575000	40613453	11/24/2003	20					2,238,383.36
575340	40387068	2/26/2003	20					2,238,363.36
575340	40410325	3/26/2003	20					2,238,343.36
575340	40413762	3/31/2003	20					2,238,323.36
575340	40521732	8/7/2003	20					2,238,303.36
575342	40562004	9/25/2003	20					2,238,283.36
575350	40542068	9/2/2003	20					2,238,263.36
575500	40616529	11/26/2003	20					2,238,243.36
575500	40629850	12/11/2003	20					2,238,223.36
575500	40439918	5/1/2003	20					2,238,203.36
575351	40361937	1/23/2003	20.14					2,238,183.36
575351	40428283	4/17/2003	20.21					2,238,163.22
520100	40537643	8/26/2003	20.23					2,238,143.01

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
620000	40580056	10/16/2003	20.24					2,238,122.78
620000	40401830	3/17/2003	20.31					2,238,102.54
520100	40437808	4/29/2003	20.41					2,238,082.23
620000	40425944	4/15/2003	20.43					2,238,061.82
520100	40514137	7/30/2003	20.56					2,238,041.39
620000	40453916	5/19/2003	20.62					2,238,020.83
620000	40475237	6/12/2003	20.62					2,238,000.21
620000	40600254	11/10/2003	20.62					2,237,979.59
520100	40364266	1/28/2003	20.66					2,237,958.97
520100	40399541	3/13/2003	20.71					2,237,938.31
575000	40564280	9/29/2003	20.9					2,237,917.60
620000	40496895	7/9/2003	20.93					2,237,896.70
620000	40530606	8/19/2003	20.93					2,237,875.77
620000	40559463	9/23/2003	20.93					2,237,854.84
575351	40428292	4/17/2003	21					2,237,833.91
570100	40486267	6/25/2003	21.17					2,237,812.91
520100	40409701	3/25/2003	21.21					2,237,791.74
620000	40580056	10/16/2003	21.27					2,237,770.53
520100	40390398	3/3/2003	21.5					2,237,749.26
520100	40483391	6/23/2003	21.69					2,237,727.76
575000	40346693	1/7/2003	21.69					2,237,706.07
520100	40519715	8/6/2003	22.07					2,237,684.38
575625	40445776	5/8/2003	22.08					2,237,662.31
520100	40463302	5/29/2003	22.13					2,237,640.23
520100	40432797	4/23/2003	22.21					2,237,618.10
520100	40591250	10/29/2003	22.27					2,237,595.89
520100	40426137	4/15/2003	22.29					2,237,573.62
520100	40386305	2/26/2003	22.41					2,237,551.33
520100	40439921	5/1/2003	22.67					2,237,528.92
520100	40616891	11/26/2003	22.86					2,237,506.25
575002	40497919	7/10/2003	23					2,237,483.39
575002	40451437	5/15/2003	23					2,237,460.39
520100	40362159	1/23/2003	23.06					2,237,437.39
520100	40490286	7/1/2003	23.17					2,237,414.33
575000	40595157	11/4/2003	23.26					2,237,391.16
575000	40411817	3/27/2003	23.34					2,237,367.90
520100	40505727	7/21/2003	23.39					2,237,344.56
520100	40595430	11/4/2003	23.81					2,237,321.17
575000	40434890	4/24/2003	23.87					2,237,297.36
520100	40615405	11/25/2003	23.99					2,237,273.49
533000	40514590	7/30/2003	24					2,237,249.50
575000	40488290	6/26/2003	24					2,237,225.50
520100	40490288	7/1/2003	24.01					2,237,201.50
575000	40426113	4/15/2003	24.18					2,237,177.49
575625	40506055	7/21/2003	24.18					2,237,153.31
575000	40603882	11/13/2003	24.2					2,237,129.13
575660	40361931	1/23/2003	24.21					2,237,104.93
575000	40434893	4/24/2003	24.35					2,237,080.72
520100	40616894	11/26/2003	24.41					2,237,056.37
520100	40457148	5/21/2003	24.42					2,237,031.96
520100	40416507	4/2/2003	24.6					2,237,007.54
575820	40367564	1/31/2003	24.65					2,236,982.94
575820	40350716	1/10/2003	24.66					2,236,958.29
575820	40350718	1/10/2003	24.66					2,236,933.63
575820	40374249	2/11/2003	24.66					2,236,908.97
575820	40381364	2/20/2003	24.66					2,236,884.31
575820	40387076	2/26/2003	24.66					2,236,859.65
575820	40401787	3/17/2003	24.66					2,236,834.99
575820	40401847	3/17/2003	24.66					2,236,810.33
575660	40573971	10/9/2003	24.67					2,236,785.67
520100	40420831	4/8/2003	24.76					2,236,761.00
520100	40566428	9/30/2003	24.79					2,236,736.24
520100	40451474	5/15/2003	24.79					2,236,711.45
575820	40403170	3/18/2003	24.82					2,236,686.66
575820	40439924	5/1/2003	24.82					2,236,661.84
575820	40448600	5/12/2003	24.82					2,236,637.02
575820	40455922	5/20/2003	24.82					2,236,612.20
575820	40468030	6/4/2003	24.82					2,236,587.38
575820	40468103	6/4/2003	24.82					2,236,562.56



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575820	40486186	6/25/2003	24.82					2,236,537.74
575820	40493252	7/3/2003	24.82					2,236,512.92
575820	40498189	7/10/2003	24.82					2,236,488.10
575820	40505663	7/21/2003	24.82					2,236,463.28
575820	40480954	6/19/2003	24.84					2,236,438.46
575820	40425953	4/15/2003	24.85					2,236,413.62
575820	40453908	5/19/2003	24.89					2,236,388.77
575420	40360693	1/22/2003	24.98					2,236,363.88
575420	40360693	1/22/2003	24.98					2,236,338.90
575420	40360693	1/22/2003	24.98					2,236,313.92
575000	40544189	9/5/2003	25					2,236,288.94
575000	40566431	9/30/2003	25					2,236,263.94
575000	40566432	9/30/2003	25					2,236,238.94
575000	40359652	1/21/2003	25					2,236,213.94
575000	40390208	3/3/2003	25					2,236,188.94
575000	40402915	3/18/2003	25					2,236,163.94
575000	40424818	4/14/2003	25					2,236,138.94
575002	40410341	3/26/2003	25					2,236,113.94
685430	40422922	4/11/2003	25					2,236,088.94
575660	40498188	7/10/2003	25.1					2,236,063.94
520100	40564024	9/29/2003	25.13					2,236,038.84
520100	40589629	10/28/2003	25.3					2,236,013.71
575820	40425949	4/15/2003	25.42					2,235,988.41
520100	40346705	1/7/2003	25.72					2,235,962.99
520100	40355392	1/16/2003	25.72					2,235,937.27
575000	40531288	8/19/2003	25.8					2,235,911.55
575820	40475495	6/12/2003	25.92					2,235,885.75
535000	40420331	4/8/2003	26					2,235,859.83
535000	40420335	4/8/2003	26					2,235,833.83
575320	40583948	10/21/2003	26.01					2,235,807.83
575660	40481014	6/19/2003	26.05					2,235,781.82
575351	40432269	4/22/2003	26.15					2,235,755.77
575820	40381350	2/20/2003	26.27					2,235,729.62
520100	40342980	1/2/2003	26.31					2,235,703.35
575820	40408903	3/24/2003	26.38					2,235,677.04
575660	40606776	11/17/2003	26.49					2,235,650.66
575030	40509256	7/23/2003	26.5					2,235,624.17
575620	40480757	6/19/2003	26.5					2,235,597.67
575820	40444803	5/7/2003	26.52					2,235,571.17
620000	40350720	1/10/2003	26.76					2,235,544.65
620000	40350723	1/10/2003	26.76					2,235,517.89
520100	40438482	4/30/2003	27					2,235,491.13
575002	40564366	9/29/2003	27					2,235,464.13
520100	40591245	10/29/2003	27.02					2,235,437.13
575320	40415626	4/1/2003	27.1					2,235,410.11
575660	40475241	6/12/2003	27.1					2,235,383.01
520100	40541604	9/2/2003	27.14					2,235,355.91
575320	40591236	10/29/2003	27.2					2,235,328.77
575320	40404709	3/19/2003	27.25					2,235,301.57
620000	40355395	1/16/2003	27.26					2,235,274.32
620000	40367576	1/31/2003	27.26					2,235,247.06
620000	40381355	2/20/2003	27.26					2,235,219.80
620000	40381386	2/20/2003	27.26					2,235,192.54
620000	40387074	2/26/2003	27.26					2,235,165.28
620000	40397982	3/11/2003	27.26					2,235,138.02
620000	40401776	3/17/2003	27.26					2,235,110.76
520100	40471185	6/9/2003	27.27					2,235,083.50
575320	40361897	1/23/2003	27.55					2,235,056.23
575351	40361939	1/23/2003	27.69					2,235,028.68
620000	40374244	2/11/2003	27.77					2,235,000.99
520100	40435835	4/28/2003	27.84					2,234,973.22
535001	40481010	6/19/2003	27.84					2,234,945.38
535001	40491210	7/1/2003	27.84					2,234,917.54
535001	40547061	9/9/2003	27.84					2,234,889.70
535001	40580452	10/16/2003	27.84					2,234,861.86
620000	40426137	4/15/2003	28.01					2,234,834.02
620000	40439921	5/1/2003	28.01					2,234,806.01
575660	40428290	4/17/2003	28.24					2,234,778.00
575320	40457201	5/21/2003	28.47					2,234,749.76

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575320	40391694	3/4/2003	28.54					2,234,721.29
575000	40444705	5/7/2003	28.62					2,234,692.75
520100	40564032	9/29/2003	28.9					2,234,664.13
575480	40348462	1/9/2003	28.93					2,234,635.23
575660	40623185	12/5/2003	29.09					2,234,606.30
520100	40426032	4/15/2003	29.19					2,234,577.21
575625	40367479	1/31/2003	29.24					2,234,548.02
575625	40377791	2/18/2003	29.24					2,234,518.78
575625	40530668	8/19/2003	29.24					2,234,489.54
575625	40625402	12/8/2003	29.24					2,234,460.30
575625	40629807	12/11/2003	29.24					2,234,431.06
575660	40580391	10/16/2003	29.34					2,234,401.82
575625	40486916	6/25/2003	29.36					2,234,372.48
575625	40549953	9/12/2003	29.36					2,234,343.12
575625	40556966	9/19/2003	29.36					2,234,313.76
575625	40398146	3/11/2003	29.48					2,234,284.40
575320	40606209	11/17/2003	29.54					2,234,254.92
575351	40428279	4/17/2003	29.6					2,234,225.38
575625	40410486	3/26/2003	29.6					2,234,195.78
575625	40590284	10/28/2003	29.6					2,234,166.18
575625	40603918	11/13/2003	29.6					2,234,136.58
575625	40460471	5/27/2003	29.73					2,234,106.98
575625	40481547	6/19/2003	29.73					2,234,077.25
575545	40505643	7/21/2003	29.76					2,234,047.52
575545	40580469	10/16/2003	29.76					2,234,017.76
620000	40455857	5/20/2003	29.76					2,233,988.00
620000	40505643	7/21/2003	29.76					2,233,958.24
620000	40580469	10/16/2003	29.76					2,233,928.48
575545	40455857	5/20/2003	29.77					2,233,898.72
620000	40455857	5/20/2003	29.77					2,233,868.95
620000	40505643	7/21/2003	29.78					2,233,839.18
620000	40580469	10/16/2003	29.78					2,233,809.40
575320	40488812	6/30/2003	29.82					2,233,779.62
575625	40448780	5/12/2003	29.85					2,233,749.80
575625	40451594	5/15/2003	29.85					2,233,719.95
575000	40448596	5/12/2003	29.9					2,233,690.10
520100	40392971	3/5/2003	30					2,233,660.20
535000	40388592	2/28/2003	30					2,233,630.20
535000	40410392	3/26/2003	30					2,233,600.20
535000	40420351	4/8/2003	30					2,233,570.20
535000	40432188	4/22/2003	30					2,233,540.20
535000	40454236	5/19/2003	30					2,233,510.20
535000	40481257	6/19/2003	30					2,233,480.20
535000	40494283	7/7/2003	30					2,233,450.20
535000	40534382	8/21/2003	30					2,233,420.20
535000	40560740	9/24/2003	30					2,233,390.20
535000	40578313	10/14/2003	30					2,233,360.20
535000	40611114	11/20/2003	30					2,233,330.20
535000	40627715	12/10/2003	30					2,233,300.20
575000	40371779	2/10/2003	30					2,233,270.20
575000	40401779	3/17/2003	30					2,233,240.20
575000	40451622	5/15/2003	30					2,233,210.20
575000	40481389	6/19/2003	30					2,233,180.20
575240	40575495	10/10/2003	30					2,233,150.20
575342	40375185	2/12/2003	30					2,233,120.20
620000	40391761	3/4/2003	30.06					2,233,090.20
575320	40438486	4/30/2003	30.07					2,233,060.14
520100	40408887	3/24/2003	30.14					2,233,030.07
575660	40626687	12/9/2003	30.28					2,232,999.93
575545	40536569	8/26/2003	30.53					2,232,969.65
575545	40580466	10/16/2003	30.53					2,232,939.12
620000	40480987	6/19/2003	30.53					2,232,908.59
620000	40480987	6/19/2003	30.53					2,232,878.06
620000	40536569	8/26/2003	30.53					2,232,847.53
620000	40580466	10/16/2003	30.53					2,232,817.00
575545	40480987	6/19/2003	30.55					2,232,786.47
620000	40536569	8/26/2003	30.55					2,232,755.92
620000	40580466	10/16/2003	30.55					2,232,725.37
620000	40408903	3/24/2003	30.6					2,232,694.82

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575480	40564028	9/29/2003	30.66					2,232,664.22
575320	40616896	11/26/2003	30.84					2,232,633.56
575545	40613435	11/24/2003	30.95					2,232,602.72
620000	40613435	11/24/2003	30.95					2,232,571.77
620000	40613435	11/24/2003	30.96					2,232,540.82
520100	40620771	12/3/2003	31.1					2,232,509.86
575320	40365846	1/30/2003	31.19					2,232,478.76
575480	40347895	1/8/2003	31.24					2,232,447.57
520100	40415632	4/1/2003	31.46					2,232,416.33
620000	40408887	3/24/2003	31.76					2,232,384.87
620000	40416320	4/2/2003	31.76					2,232,353.11
620000	40425956	4/15/2003	31.76					2,232,321.35
620000	40439505	4/30/2003	31.76					2,232,289.59
620000	40448583	5/12/2003	31.76					2,232,257.83
620000	40451213	5/15/2003	31.76					2,232,226.07
620000	40455924	5/20/2003	31.76					2,232,194.31
620000	40460364	5/27/2003	31.76					2,232,162.55
620000	40468109	6/4/2003	31.76					2,232,130.79
620000	40475220	6/12/2003	31.76					2,232,099.03
620000	40486182	6/25/2003	31.76					2,232,067.27
620000	40493251	7/3/2003	31.76					2,232,035.51
620000	40498195	7/10/2003	31.76					2,232,003.75
620000	40505658	7/21/2003	31.76					2,231,971.99
535000	40549921	9/12/2003	31.8					2,231,940.23
575000	40613523	11/24/2003	31.8					2,231,908.43
575002	40610755	11/20/2003	31.8					2,231,876.63
575320	40505724	7/21/2003	31.81					2,231,844.83
535001	40480995	6/19/2003	31.82					2,231,813.02
535001	40498197	7/10/2003	31.82					2,231,781.20
535001	40505504	7/21/2003	31.82					2,231,749.38
535001	40521729	8/7/2003	31.82					2,231,717.56
535001	40613456	11/24/2003	31.82					2,231,685.74
575002	40359722	1/21/2003	32.26					2,231,653.92
520100	40398072	3/11/2003	32.5					2,231,621.66
575000	40584795	10/22/2003	32.51					2,231,589.16
575320	40463333	5/29/2003	32.51					2,231,556.65
575000	40434898	4/24/2003	32.6					2,231,524.14
575660	40403267	3/18/2003	32.6					2,231,491.54
620000	40355389	1/16/2003	32.76					2,231,458.94
575000	40506088	7/21/2003	32.86					2,231,426.18
575000	40603919	11/13/2003	33					2,231,393.32
575625	40611904	11/20/2003	33.1					2,231,360.32
620000	40408918	3/24/2003	33.1					2,231,327.22
520100	40346804	1/7/2003	33.13					2,231,294.12
520100	40416320	4/2/2003	33.14					2,231,260.99
575625	40536646	8/26/2003	33.24					2,231,227.85
575625	40580478	10/16/2003	33.24					2,231,194.61
520100	40374244	2/11/2003	33.39					2,231,161.37
575000	40530663	8/19/2003	33.39					2,231,127.98
575320	40532185	8/20/2003	33.84					2,231,094.59
520100	40355395	1/16/2003	33.9					2,231,060.75
520100	40367576	1/31/2003	33.9					2,231,026.85
520100	40381355	2/20/2003	33.9					2,230,992.95
520100	40381386	2/20/2003	33.9					2,230,959.05
520100	40387074	2/26/2003	33.9					2,230,925.15
520100	40397982	3/11/2003	33.9					2,230,891.25
520100	40401776	3/17/2003	33.9					2,230,857.35
520100	40367600	1/31/2003	33.92					2,230,823.45
575000	40505658	7/21/2003	34					2,230,789.53
575820	40350720	1/10/2003	34					2,230,755.53
575820	40350723	1/10/2003	34					2,230,721.53
575820	40355395	1/16/2003	34					2,230,687.53
575820	40367576	1/31/2003	34					2,230,653.53
575820	40367577	1/31/2003	34					2,230,619.53
575820	40374244	2/11/2003	34					2,230,585.53
575820	40381355	2/20/2003	34					2,230,551.53
575820	40381386	2/20/2003	34					2,230,517.53
575820	40387074	2/26/2003	34					2,230,483.53
575820	40397982	3/11/2003	34					2,230,449.53

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575820	40401776	3/17/2003	34					2,230,415.53
575820	40408887	3/24/2003	34					2,230,381.53
575820	40416320	4/2/2003	34					2,230,347.53
575820	40425956	4/15/2003	34					2,230,313.53
575820	40426137	4/15/2003	34					2,230,279.53
575820	40439505	4/30/2003	34					2,230,245.53
575820	40439921	5/1/2003	34					2,230,211.53
575820	40448583	5/12/2003	34					2,230,177.53
575820	40451213	5/15/2003	34					2,230,143.53
575820	40455924	5/20/2003	34					2,230,109.53
575820	40460364	5/27/2003	34					2,230,075.53
575820	40468109	6/4/2003	34					2,230,041.53
575820	40475220	6/12/2003	34					2,230,007.53
575820	40480951	6/19/2003	34					2,229,973.53
575820	40486182	6/25/2003	34					2,229,939.53
575820	40493251	7/3/2003	34					2,229,905.53
520100	40371373	2/6/2003	34.08					2,229,871.53
575320	40479818	6/18/2003	34.08					2,229,837.45
620000	40426140	4/15/2003	34.12					2,229,803.37
575320	40606210	11/17/2003	34.2					2,229,769.25
520100	40367577	1/31/2003	34.28					2,229,735.05
520100	40408918	3/24/2003	34.28					2,229,700.77
520100	40350720	1/10/2003	34.4					2,229,666.49
575820	40355389	1/16/2003	34.4					2,229,632.09
620000	40367457	1/31/2003	34.58					2,229,597.69
575660	40505656	7/21/2003	34.71					2,229,563.11
520100	40345242	1/3/2003	34.75					2,229,528.40
520100	40393350	3/5/2003	34.93					2,229,493.65
504620	40608352	11/18/2003	35					2,229,458.72
504620	40388654	2/28/2003	35					2,229,423.72
504620	40619605	12/2/2003	35					2,229,388.72
504620	40619606	12/2/2003	35					2,229,353.72
504620	40619608	12/2/2003	35					2,229,318.72
535000	40358372	1/20/2003	35					2,229,283.72
535000	40384197	2/24/2003	35					2,229,248.72
535000	40410379	3/26/2003	35					2,229,213.72
535000	40432246	4/22/2003	35					2,229,178.72
535000	40454201	5/19/2003	35					2,229,143.72
535000	40475429	6/12/2003	35					2,229,108.72
575820	40498195	7/10/2003	35					2,229,073.72
520100	40350723	1/10/2003	35.54					2,229,038.72
520100	40444456	5/7/2003	35.57					2,229,003.18
635000	40381919	2/19/2003	35.64					2,228,967.61
635000	40401814	3/17/2003	35.64					2,228,931.97
575002	40358348	1/20/2003	35.78					2,228,896.33
535001	40521729	8/7/2003	35.8					2,228,860.55
535001	40536576	8/26/2003	35.8					2,228,824.75
535001	40536576	8/26/2003	35.8					2,228,788.95
535001	40566470	9/30/2003	35.8					2,228,753.15
575351	40361933	1/23/2003	35.92					2,228,717.35
520100	40623445	12/5/2003	35.98					2,228,681.43
533000	40444942	5/7/2003	35.98					2,228,645.45
533000	40415601	4/1/2003	36					2,228,609.47
535000	40499439	7/11/2003	36					2,228,573.47
575100	40439644	5/1/2003	36					2,228,537.47
575545	40362031	1/23/2003	36					2,228,501.47
575000	40506228	7/21/2003	36.02					2,228,465.47
575660	40355320	1/16/2003	36.24					2,228,429.45
620000	40606782	11/17/2003	36.51					2,228,393.21
575660	40488346	6/26/2003	36.59					2,228,356.70
575000	40408880	3/24/2003	36.94					2,228,320.11
575000	40506106	7/21/2003	37.35					2,228,283.17
520100	40514139	7/30/2003	37.43					2,228,245.82
575625	40523714	8/11/2003	37.48					2,228,208.39
575820	40426140	4/15/2003	37.61					2,228,170.91
575660	40425940	4/15/2003	37.7					2,228,133.30
575320	40362259	2/20/2003	37.83					2,228,095.60
520100	40380408	2/19/2003	37.9					2,228,057.77
504620	40381746	2/20/2003	38					2,228,019.87

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
504620	40381750	2/20/2003	38					2,227,981.87
504620	40403279	3/18/2003	38					2,227,943.87
504620	40403280	3/18/2003	38					2,227,905.87
504620	40451234	5/15/2003	38					2,227,867.87
504620	40451243	5/15/2003	38					2,227,829.87
504620	40451255	5/15/2003	38					2,227,791.87
504620	40498272	7/10/2003	38					2,227,753.87
504620	40577314	10/13/2003	38					2,227,715.87
504620	40611085	11/20/2003	38					2,227,677.87
504620	40611091	11/20/2003	38					2,227,639.87
535000	40509231	7/23/2003	38					2,227,601.87
575000	40629850	12/11/2003	38					2,227,563.87
620000	40606517	11/17/2003	38					2,227,525.87
575320	40488813	6/30/2003	38.05					2,227,487.87
635000	40381935	2/19/2003	38.06					2,227,449.82
635000	40401813	3/17/2003	38.06					2,227,411.76
635000	40475443	6/12/2003	38.12					2,227,373.70
635000	40531572	8/20/2003	38.12					2,227,335.58
635000	40433258	4/23/2003	38.13					2,227,297.46
635000	40448846	5/12/2003	38.13					2,227,259.33
635000	40549788	9/11/2003	38.13					2,227,221.20
635000	40578342	10/14/2003	38.13					2,227,183.07
635000	40603938	11/13/2003	38.13					2,227,144.94
635000	40623533	12/5/2003	38.13					2,227,106.81
635000	40501495	7/15/2003	38.14					2,227,068.68
575350	40611567	11/20/2003	38.22					2,227,030.54
575480	40629808	12/11/2003	38.27					2,226,992.32
575320	40567080	10/1/2003	38.64					2,226,954.05
520100	40537656	8/26/2003	38.96					2,226,915.41
520100	40415629	4/1/2003	39.46					2,226,876.45
535001	40475256	6/12/2003	39.77					2,226,836.99
535000	40425936	4/15/2003	39.78					2,226,797.22
535001	40381754	2/20/2003	39.78					2,226,757.44
535001	40568758	10/3/2003	39.78					2,226,717.66
535001	40585824	10/22/2003	39.78					2,226,677.88
535001	40613463	11/24/2003	39.78					2,226,638.10
535001	40623186	12/5/2003	39.78					2,226,598.32
535000	40361873	1/23/2003	39.98					2,226,558.54
620000	40425949	4/15/2003	39.99					2,226,518.56
520100	40518410	8/4/2003	40					2,226,478.57
520100	40560687	9/24/2003	40					2,226,438.57
520100	40569124	10/3/2003	40					2,226,398.57
535000	40621146	12/3/2003	40					2,226,358.57
535000	40356991	1/17/2003	40					2,226,318.57
535000	40449734	5/12/2003	40					2,226,278.57
535000	40475394	6/12/2003	40					2,226,238.57
535000	40549739	9/11/2003	40					2,226,198.57
575000	40460628	5/27/2003	40					2,226,158.57
575000	40549940	9/12/2003	40					2,226,118.57
575342	40627035	12/9/2003	40					2,226,078.57
575500	40568461	10/2/2003	40					2,226,038.57
575500	40592101	10/30/2003	40					2,225,998.57
575500	40453902	5/19/2003	40					2,225,958.57
520100	40466678	6/3/2003	40.07					2,225,918.57
520100	40564074	9/29/2003	40.16					2,225,878.50
575002	40595123	11/4/2003	40.28					2,225,838.34
520100	40365894	1/30/2003	40.45					2,225,798.06
520100	40409704	3/25/2003	40.56					2,225,757.61
575000	40475250	6/12/2003	40.56					2,225,717.05
575000	40505635	7/21/2003	40.57					2,225,676.49
575000	40468242	6/4/2003	40.58					2,225,635.92
635000	40475447	6/12/2003	40.71					2,225,595.34
635000	40448843	5/12/2003	40.72					2,225,554.63
635000	40501497	7/15/2003	40.72					2,225,513.91
635000	40531571	8/20/2003	40.72					2,225,473.19
635000	40549908	9/12/2003	40.72					2,225,432.47
635000	40576340	10/14/2003	40.72					2,225,391.75
635000	40603937	11/13/2003	40.72					2,225,351.03
635000	40623532	12/5/2003	40.72					2,225,310.31

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service	Lag (Lead)	Dollar Days
				From	To			
635000	40433255	4/23/2003	40.73					2,225,269.59
575820	40408918	3/24/2003	40.76					2,225,228.86
620000	40480951	6/19/2003	41.17					2,225,188.10
535001	40475265	6/12/2003	41.48					2,225,146.93
520100	40463304	5/29/2003	41.63					2,225,105.45
575000	40468213	6/4/2003	41.98					2,225,063.82
575320	40539027	8/27/2003	42.02					2,225,021.84
575660	40606798	11/17/2003	42.13					2,224,979.82
520100	40393333	3/5/2003	42.38					2,224,937.69
575000	40514645	7/30/2003	42.4					2,224,895.31
575320	40553985	9/17/2003	42.51					2,224,852.91
535000	40374235	2/11/2003	42.74					2,224,810.40
535000	40374242	2/11/2003	42.74					2,224,767.66
535000	40381895	2/19/2003	42.74					2,224,724.92
520100	40403238	3/18/2003	42.99					2,224,682.18
575000	40584780	10/22/2003	43.14					2,224,639.19
575320	40429292	4/18/2003	43.42					2,224,596.05
635000	40401793	3/17/2003	43.5					2,224,552.63
535000	40455799	5/20/2003	43.57					2,224,509.13
535000	40521776	8/7/2003	43.57					2,224,465.56
535000	40577352	10/13/2003	43.57					2,224,421.99
535000	40577373	10/13/2003	43.57					2,224,378.42
535000	40577379	10/13/2003	43.57					2,224,334.85
535000	40577386	10/13/2003	43.57					2,224,291.28
575200	40480655	6/19/2003	43.6					2,224,247.71
535001	40498197	7/10/2003	43.75					2,224,204.11
535001	40505504	7/21/2003	43.75					2,224,160.36
535001	40613456	11/24/2003	43.75					2,224,116.61
535001	40623186	12/5/2003	43.75					2,224,072.86
535000	40547063	9/9/2003	44.39					2,224,029.11
535000	40566742	10/1/2003	44.39					2,223,984.72
535000	40596389	11/5/2003	44.39					2,223,940.33
535000	40618304	12/1/2003	44.39					2,223,895.94
520100	40556602	9/19/2003	44.52					2,223,851.55
520100	40414138	3/31/2003	44.57					2,223,807.03
520100	40356363	1/17/2003	44.68					2,223,762.46
520100	40375926	2/13/2003	44.68					2,223,717.78
520100	40400149	3/14/2003	44.68					2,223,673.10
520100	40449574	5/13/2003	44.71					2,223,628.42
520100	40380404	2/19/2003	44.77					2,223,583.71
520100	40477325	6/16/2003	44.8					2,223,538.94
520100	40499314	7/11/2003	44.8					2,223,494.14
520100	40525823	8/13/2003	44.8					2,223,449.34
520100	40551905	9/15/2003	44.8					2,223,404.54
520100	40580064	10/16/2003	44.8					2,223,359.74
520100	40602312	11/12/2003	44.8					2,223,314.94
520100	40365851	1/30/2003	44.85					2,223,270.14
535000	40384070	2/24/2003	45					2,223,225.29
535001	40343322	1/2/2003	45					2,223,180.29
575342	40595152	11/4/2003	45					2,223,135.29
520100	40355370	1/16/2003	45.21					2,223,090.29
575000	40536588	8/26/2003	45.35					2,223,045.08
575780	40506205	7/21/2003	45.4					2,222,999.73
575320	40591237	10/29/2003	45.41					2,222,954.33
575780	40506205	7/21/2003	45.41					2,222,908.92
520100	40591241	10/29/2003	45.62					2,222,863.51
620000	40367577	1/31/2003	45.74					2,222,817.89
520100	40438477	4/30/2003	45.88					2,222,772.15
575000	40426107	4/15/2003	46.04					2,222,726.27
620000	40394771	3/7/2003	46.9					2,222,680.23
520100	40380402	2/19/2003	47.06					2,222,633.33
520100	40616886	11/26/2003	47.47					2,222,586.27
520100	40611567	11/20/2003	47.52					2,222,538.80
520100	40352649	1/13/2003	47.7					2,222,491.28
520100	40408983	3/24/2003	47.7					2,222,443.58
520100	40416338	4/2/2003	47.7					2,222,395.88
520100	40434863	4/24/2003	47.7					2,222,348.18
520100	40434865	4/24/2003	47.7					2,222,300.48
575000	40455956	5/20/2003	47.7					2,222,252.78

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575000	40506007	7/21/2003	47.7					2,222,205.08
575000	40556679	9/19/2003	47.7					2,222,157.38
575000	40627740	12/10/2003	47.7					2,222,109.68
520100	40492039	7/2/2003	47.71					2,222,061.98
535001	40584769	10/22/2003	47.72					2,222,014.27
535001	40603883	11/13/2003	47.72					2,221,966.55
520100	40397972	3/11/2003	47.73					2,221,918.83
535001	40401764	3/17/2003	47.73					2,221,871.10
535001	40480995	6/19/2003	47.73					2,221,823.37
535001	40505646	7/21/2003	47.73					2,221,775.64
675000	40354516	1/15/2003	47.74					2,221,727.91
675000	40384234	2/24/2003	47.74					2,221,680.17
675000	40409010	3/24/2003	47.74					2,221,632.43
520100	40532432	8/20/2003	47.84					2,221,584.69
520100	40371323	2/6/2003	48.24					2,221,536.85
575320	40404710	3/19/2003	48.3					2,221,488.61
520100	40416505	4/2/2003	48.37					2,221,440.31
575780	40388670	2/28/2003	48.37					2,221,391.94
575780	40388670	2/28/2003	48.38					2,221,343.57
575780	40388754	2/28/2003	48.75					2,221,295.19
575780	40388754	2/28/2003	48.75					2,221,246.44
520100	40399540	3/13/2003	48.87					2,221,197.69
575342	40402878	3/18/2003	49					2,221,148.82
575320	40404711	3/19/2003	49.36					2,221,099.82
575660	40521756	8/7/2003	49.58					2,221,050.46
575420	40360693	1/22/2003	49.98					2,221,000.88
575000	40610884	11/20/2003	50					2,220,950.90
575030	40505624	7/21/2003	50					2,220,900.90
575340	40613343	11/24/2003	50					2,220,850.90
575342	40410653	3/26/2003	50					2,220,800.90
575500	40603371	11/13/2003	50					2,220,750.90
575500	40611569	11/20/2003	50					2,220,700.90
575500	40536463	8/26/2003	50					2,220,650.90
575660	40410320	3/26/2003	50.24					2,220,600.90
520100	40347914	1/8/2003	50.25					2,220,550.66
575320	40361898	1/23/2003	50.38					2,220,500.41
575780	40610958	11/20/2003	50.45					2,220,450.03
575780	40610958	11/20/2003	50.45					2,220,399.58
575342	40611234	11/20/2003	50.5					2,220,349.13
575000	40549962	9/12/2003	50.6					2,220,298.63
575000	40610900	11/20/2003	50.6					2,220,248.03
575000	40625401	12/8/2003	50.6					2,220,197.43
675000	40434857	4/24/2003	50.6					2,220,146.83
675000	40454237	5/19/2003	50.6					2,220,096.23
675000	40481376	6/19/2003	50.6					2,220,045.63
575660	40359718	1/21/2003	50.8					2,219,995.03
520100	40440115	5/1/2003	50.88					2,219,944.23
520100	40393340	3/5/2003	50.89					2,219,893.35
575351	40566428	9/30/2003	50.95					2,219,842.46
520100	40448865	5/12/2003	51					2,219,791.51
620000	40480300	6/18/2003	51.24					2,219,740.51
575000	40451183	5/15/2003	51.35					2,219,689.27
520100	40613343	11/24/2003	51.57					2,219,637.92
535001	40547060	9/9/2003	51.71					2,219,586.35
575000	40421715	4/9/2003	51.85					2,219,534.64
575000	40375540	2/13/2003	51.9					2,219,482.79
575000	40471749	6/9/2003	51.93					2,219,430.89
575000	40446710	5/9/2003	51.96					2,219,378.96
504620	40451237	5/15/2003	52					2,219,327.00
575000	40476306	6/13/2003	52.1					2,219,275.00
535000	40388517	2/28/2003	52.19					2,219,222.90
520100	40390396	3/3/2003	52.2					2,219,170.71
535000	40410657	3/26/2003	52.44					2,219,118.51
575030	40460392	5/27/2003	52.5					2,219,066.07
575000	40602308	11/12/2003	52.51					2,219,013.57
575000	40627335	12/9/2003	52.54					2,218,961.06
575000	40549932	9/12/2003	52.56					2,218,908.52
575000	40574051	10/9/2003	52.56					2,218,855.96
575625	40346841	1/7/2003	52.72					2,218,803.40

Other Opar Exp

Obj Acct	Document Number	Check Date	Amount	Service Period From	To	Avg Service Period	Lag (Lead)	Dollar Days
575000	40518722	8/5/2003	52.91					2,218,750.68
575000	40448866	5/12/2003	53					2,218,697.77
575030	40499437	7/11/2003	53					2,218,644.77
575351	40428282	4/17/2003	53.16					2,218,591.77
575000	40348674	1/9/2003	53.21					2,218,538.61
575000	40400152	3/14/2003	53.26					2,218,485.40
575000	40592210	10/30/2003	53.46					2,218,432.14
575000	40620004	12/2/2003	53.47					2,218,378.68
575350	40572657	10/8/2003	53.47					2,218,325.21
575000	40543931	9/4/2003	53.49					2,218,271.74
575000	40568423	10/2/2003	53.49					2,218,218.25
575000	40536630	8/26/2003	53.84					2,218,164.76
535000	40352468	1/13/2003	54					2,218,110.92
535000	40455920	5/20/2003	54					2,218,056.92
575000	40543964	9/4/2003	54					2,218,002.92
520100	40481251	6/19/2003	54.4					2,217,948.92
533000	40563154	9/25/2003	54.61					2,217,894.52
575000	40347883	1/8/2003	54.62					2,217,839.91
575000	40396501	3/10/2003	54.68					2,217,785.29
575000	40419659	4/7/2003	54.68					2,217,730.61
575000	40372655	2/10/2003	54.72					2,217,675.93
575000	40622436	12/4/2003	54.72					2,217,621.21
575660	40537878	8/26/2003	54.72					2,217,566.49
575830	40544190	9/5/2003	54.95					2,217,511.77
575660	40401747	3/17/2003	54.96					2,217,456.82
520100	40410480	3/26/2003	55					2,217,401.86
535000	40509258	7/23/2003	55					2,217,346.86
575000	40357079	1/17/2003	55					2,217,291.86
575000	40514379	7/30/2003	55					2,217,236.86
575000	40514382	7/30/2003	55					2,217,181.86
575000	40518408	8/4/2003	55					2,217,126.86
575342	40542029	9/2/2003	55					2,217,071.86
575620	40531318	8/19/2003	55					2,217,016.86
533000	40434940	4/24/2003	55.12					2,216,961.86
520100	40418287	4/4/2003	55.29					2,216,906.74
575000	40443089	5/5/2003	55.42					2,216,851.45
575320	40382260	2/20/2003	55.54					2,216,796.03
535001	40367580	1/31/2003	55.68					2,216,740.49
535001	40350729	1/10/2003	55.69					2,216,684.81
535001	40355347	1/16/2003	55.69					2,216,629.12
535001	40381804	2/20/2003	55.69					2,216,573.43
535001	40603883	11/13/2003	55.69					2,216,517.74
575660	40475215	6/12/2003	55.7					2,216,462.05
535000	40408884	3/24/2003	56					2,216,406.35
575000	40621650	12/3/2003	56					2,216,350.35
575420	40480650	6/19/2003	56.13					2,216,294.35
575620	40537959	8/26/2003	56.18					2,216,238.22
520100	40365854	1/30/2003	56.28					2,216,182.04
675000	40549970	9/12/2003	56.4					2,216,125.76
575000	40514362	7/30/2003	56.76					2,216,069.36
520100	40382266	2/20/2003	56.89					2,216,012.60
520100	40442395	5/5/2003	56.99					2,215,955.71
520100	40403139	3/18/2003	57					2,215,898.72
575480	40496680	7/9/2003	57.03					2,215,841.72
575830	40579440	10/15/2003	57.24					2,215,784.69
520100	40437811	4/29/2003	57.36					2,215,727.45
575000	40454232	5/19/2003	57.77					2,215,670.09
575620	40377738	2/18/2003	58.13					2,215,612.32
575620	40398262	3/12/2003	58.13					2,215,554.19
575620	40536316	8/26/2003	58.13					2,215,496.06
575000	40568760	10/3/2003	58.3					2,215,437.93
520100	40427558	4/16/2003	58.71					2,215,379.63
520100	40448583	5/12/2003	58.92					2,215,320.92
575000	40432192	4/22/2003	59.16					2,215,262.00
575000	40560754	9/24/2003	59.16					2,215,202.84
575000	40578304	10/14/2003	59.16					2,215,143.68
575000	40627731	12/10/2003	59.16					2,215,084.52
575000	40374262	2/11/2003	59.36					2,215,025.36
575660	40530615	8/19/2003	59.36					2,214,966.00



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40490283	7/1/2003	59.52					2,214,906.64
575830	40492973	7/3/2003	59.53					2,214,847.12
535001	40568758	10/3/2003	59.65					2,214,787.59
535001	40470797	6/9/2003	59.66					2,214,727.94
535001	40580456	10/16/2003	59.66					2,214,668.28
575420	40505916	7/21/2003	59.94					2,214,608.62
535000	40346943	1/7/2003	60					2,214,548.68
535000	40384231	2/24/2003	60					2,214,488.68
535000	40397918	3/11/2003	60					2,214,428.68
535000	40416318	4/2/2003	60					2,214,368.68
535000	40425992	4/15/2003	60					2,214,308.68
535000	40428305	4/17/2003	60					2,214,248.68
535000	40456128	5/20/2003	60					2,214,188.68
535000	40468243	6/4/2003	60					2,214,128.68
535000	40468022	6/4/2003	60					2,214,068.68
535000	40493253	7/3/2003	60					2,214,008.68
535000	40536795	8/26/2003	60					2,213,948.68
535000	40603927	11/13/2003	60					2,213,888.68
575000	40590279	10/28/2003	60					2,213,828.68
575342	40353498	1/14/2003	60					2,213,768.68
575342	40437345	4/29/2003	60					2,213,708.68
575500	40475394	6/12/2003	60					2,213,648.68
575500	40547053	9/9/2003	60					2,213,588.68
620000	40577413	10/13/2003	60					2,213,528.68
575660	40468027	6/4/2003	60.44					2,213,468.68
575000	40580558	10/16/2003	60.47					2,213,408.24
575000	40578310	10/14/2003	60.62					2,213,347.77
575420	40611914	11/20/2003	60.92					2,213,287.15
520100	40480951	6/19/2003	61.44					2,213,226.23
575000	40381908	2/19/2003	61.46					2,213,164.79
575420	40381771	2/20/2003	61.96					2,213,103.33
520100	40454584	5/19/2003	62.05					2,213,041.37
575320	40361900	1/23/2003	62.17					2,212,979.32
520100	40532187	8/20/2003	62.32					2,212,917.15
575545	40426113	4/15/2003	62.47					2,212,854.83
575320	40382258	2/20/2003	62.5					2,212,792.36
575000	40458766	5/22/2003	62.56					2,212,729.86
520100	40393341	3/5/2003	62.64					2,212,667.30
575320	40567079	10/1/2003	62.86					2,212,604.66
575000	40475425	6/12/2003	62.88					2,212,541.80
575780	40361381	1/23/2003	62.97					2,212,478.92
575780	40382802	2/24/2003	62.97					2,212,415.95
575000	40496869	7/9/2003	63.01					2,212,352.98
520100	40416508	4/2/2003	63.04					2,212,289.97
575820	40471330	6/9/2003	63.24					2,212,226.93
575820	40471335	6/9/2003	63.24					2,212,163.69
575820	40471336	6/9/2003	63.24					2,212,100.45
575660	40606789	11/17/2003	63.44					2,212,037.21
520100	40498291	7/10/2003	63.6					2,211,973.77
675000	40590220	10/27/2003	63.6					2,211,910.17
535001	40585824	10/22/2003	63.63					2,211,846.57
535001	40410322	3/26/2003	63.64					2,211,782.94
535001	40448588	5/12/2003	63.64					2,211,719.30
535001	40530587	8/19/2003	63.64					2,211,655.66
535001	40580452	10/16/2003	63.64					2,211,592.02
535001	40603903	11/13/2003	63.64					2,211,528.38
575351	40428295	4/17/2003	63.76					2,211,464.74
575660	40585816	10/22/2003	63.76					2,211,400.98
575340	40392971	3/5/2003	64					2,211,337.22
575780	40409026	3/24/2003	64.23					2,211,273.22
575780	40434884	4/24/2003	64.23					2,211,208.99
575780	40460460	5/27/2003	64.23					2,211,144.76
575780	40486911	6/25/2003	64.23					2,211,080.53
535000	40415562	4/1/2003	64.25					2,211,016.30
520100	40367552	1/31/2003	64.45					2,210,952.05
575480	40525211	8/12/2003	64.53					2,210,887.60
520100	40346823	1/7/2003	65					2,210,823.07
520100	40352513	1/13/2003	65					2,210,758.07
520100	40352514	1/13/2003	65					2,210,693.07

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575000	40509710	7/24/2003	65					2,210,628.07
575000	40542049	9/2/2003	65					2,210,563.07
575000	40542053	9/2/2003	65					2,210,498.07
575000	40566693	10/1/2003	65					2,210,433.07
575342	40420395	4/8/2003	65					2,210,368.07
635000	40440161	5/1/2003	65					2,210,303.07
635000	40456021	5/20/2003	65					2,210,238.07
635000	40542070	9/2/2003	65					2,210,173.07
635000	40542465	9/3/2003	65					2,210,108.07
635000	40560703	9/24/2003	65					2,210,043.07
575000	40584777	10/22/2003	65.18					2,209,978.07
575000	40491353	7/1/2003	65.77					2,209,912.89
575240	40355336	1/16/2003	66					2,209,847.12
575280	40355378	1/16/2003	66					2,209,781.12
575780	40506234	7/21/2003	67.44					2,209,715.12
575780	40536629	8/26/2003	67.44					2,209,647.68
575780	40569120	10/3/2003	67.44					2,209,580.24
575780	40595170	11/4/2003	67.44					2,209,512.80
575780	40611132	11/20/2003	67.44					2,209,445.36
575820	40471332	6/9/2003	67.49					2,209,377.92
535001	40505646	7/21/2003	67.62					2,209,310.43
535001	40521748	8/7/2003	67.62					2,209,242.81
535001	40530587	8/19/2003	67.62					2,209,175.19
535001	40530587	8/19/2003	67.62					2,209,107.57
535001	40547060	9/9/2003	67.62					2,209,039.95
535001	40566470	9/30/2003	67.62					2,208,972.33
535001	40613463	11/24/2003	67.62					2,208,904.71
575000	40585802	10/22/2003	67.84					2,208,837.09
575480	40539025	8/27/2003	67.87					2,208,769.25
504610	40384221	2/24/2003	68.1					2,208,701.38
575351	40428286	4/17/2003	68.1					2,208,633.28
520100	40409708	3/25/2003	68.3					2,208,565.18
575320	40539026	8/27/2003	69.11					2,208,496.88
575002	40539600	8/27/2003	69.5					2,208,427.77
575000	40506012	7/21/2003	69.54					2,208,358.27
620000	40444605	5/7/2003	69.78					2,208,288.73
504620	40622984	12/4/2003	70					2,208,218.95
575000	40468180	6/4/2003	71.17					2,208,148.95
575320	40429290	4/18/2003	71.4					2,208,077.78
535001	40381754	2/20/2003	71.6					2,208,006.38
535001	40439864	5/1/2003	71.6					2,207,934.78
535001	40475256	6/12/2003	71.6					2,207,863.18
535001	40480995	6/19/2003	71.6					2,207,791.58
535001	40547061	9/9/2003	71.6					2,207,719.98
575000	40610892	11/20/2003	71.61					2,207,648.38
575200	40534191	8/21/2003	71.88					2,207,576.77
535000	40453902	5/19/2003	72					2,207,504.89
520100	40393342	3/5/2003	72.41					2,207,432.89
520100	40367705	1/31/2003	72.46					2,207,360.48
520100	40371370	2/6/2003	72.58					2,207,288.02
575000	40454244	5/19/2003	72.88					2,207,215.44
520100	40345241	1/3/2003	73.1					2,207,142.56
575420	40480639	6/19/2003	73.35					2,207,069.46
575420	40547062	9/9/2003	73.35					2,206,996.11
575820	40458737	5/22/2003	74.03					2,206,922.76
575820	40468050	6/4/2003	74.03					2,206,848.73
575820	40480621	6/19/2003	74.03					2,206,774.70
575820	40480664	6/19/2003	74.03					2,206,700.67
575820	40485961	6/24/2003	74.03					2,206,626.64
575820	40488267	6/26/2003	74.03					2,206,552.61
575820	40498202	7/10/2003	74.03					2,206,478.58
575820	40498215	7/10/2003	74.03					2,206,404.55
575820	40505887	7/21/2003	74.03					2,206,330.52
575820	40510172	7/24/2003	74.03					2,206,256.49
575820	40521765	8/7/2003	74.03					2,206,182.46
575820	40521805	8/7/2003	74.03					2,206,108.43
575820	40530210	8/18/2003	74.03					2,206,034.40
575820	40536554	8/26/2003	74.03					2,205,960.37
575820	40541998	9/2/2003	74.03					2,205,886.34

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575820	40547056	9/9/2003	74.03					2,205,812.31
575820	40558650	9/19/2003	74.03					2,205,738.28
575820	40573220	10/8/2003	74.03					2,205,664.25
575820	40573225	10/8/2003	74.03					2,205,590.22
575320	40457199	5/21/2003	74.07					2,205,516.19
575000	40460393	5/27/2003	74.2					2,205,442.12
575000	40361755	1/23/2003	74.25					2,205,367.92
535000	40460612	5/27/2003	75					2,205,293.67
575000	40618395	12/1/2003	75					2,205,218.67
575002	40509250	7/23/2003	75					2,205,143.67
575342	40353503	1/14/2003	75					2,205,068.67
520100	40397990	3/11/2003	75.13					2,204,993.67
575820	40344991	1/3/2003	75.16					2,204,918.54
575820	40352471	1/13/2003	75.16					2,204,843.38
575820	40359661	1/21/2003	75.16					2,204,768.22
575820	40361899	1/23/2003	75.16					2,204,693.06
575820	40373989	2/11/2003	75.16					2,204,617.90
575820	40377709	2/18/2003	75.16					2,204,542.74
575820	40384082	2/24/2003	75.16					2,204,467.58
575820	40388509	2/28/2003	75.16					2,204,392.42
575820	40397830	3/11/2003	75.16					2,204,317.26
535001	40521729	8/7/2003	75.57					2,204,242.10
535001	40566470	9/30/2003	75.57					2,204,166.53
535001	40603903	11/13/2003	75.57					2,204,090.96
575000	40358964	1/21/2003	75.75					2,204,015.39
575000	40412254	3/27/2003	75.75					2,203,939.64
575820	40403143	3/18/2003	75.89					2,203,863.89
575820	40410313	3/26/2003	75.89					2,203,788.00
575820	40415551	4/1/2003	75.89					2,203,712.11
575820	40420291	4/8/2003	75.89					2,203,636.22
575820	40426076	4/15/2003	75.89					2,203,560.33
575820	40430835	4/21/2003	75.89					2,203,484.44
575820	40434831	4/24/2003	75.89					2,203,408.55
575820	40444578	5/7/2003	75.89					2,203,332.66
575820	40451190	5/15/2003	75.89					2,203,256.77
535001	40498589	7/11/2003	76					2,203,180.88
575820	40381380	2/20/2003	76.27					2,203,104.88
575000	40428263	4/17/2003	76.48					2,203,028.61
520100	40553987	9/17/2003	76.54					2,202,952.13
575830	40475631	6/12/2003	77.84					2,202,875.59
575000	40603371	11/13/2003	78					2,202,797.75
575000	40530637	8/19/2003	78.08					2,202,719.75
575000	40481394	6/19/2003	78.1					2,202,641.67
575000	40392971	3/5/2003	78.2					2,202,563.57
520100	40342976	1/2/2003	78.36					2,202,485.37
575830	40451185	5/15/2003	78.57					2,202,407.01
675000	40509714	7/24/2003	78.7					2,202,328.44
575320	40616897	11/26/2003	78.98					2,202,249.74
620000	40391733	3/4/2003	79					2,202,170.76
520100	40361894	1/23/2003	79.27					2,202,091.76
575000	40371246	2/6/2003	79.5					2,202,012.49
575030	40568763	10/3/2003	79.5					2,201,932.99
575620	40397871	3/11/2003	79.5					2,201,853.49
535000	40439864	5/1/2003	79.54					2,201,773.99
535001	40536576	8/26/2003	79.55					2,201,694.45
520100	40388779	2/28/2003	79.57					2,201,614.90
535000	40381759	2/20/2003	80					2,201,535.33
566700	40397988	3/11/2003	80					2,201,455.33
575000	40595187	11/4/2003	80					2,201,375.33
575660	40486268	6/25/2003	80.73					2,201,295.33
575660	40355343	1/16/2003	80.76					2,201,214.60
520100	40606200	11/17/2003	80.86					2,201,133.84
504620	40530186	8/18/2003	81					2,201,052.98
575000	40583592	10/21/2003	81					2,200,971.98
575500	40344988	1/3/2003	81					2,200,890.98
575660	40603884	11/13/2003	81.04					2,200,809.98
575000	40388867	2/28/2003	82.15					2,200,728.94
575420	40609500	11/19/2003	82.45					2,200,646.79
575420	40609509	11/19/2003	82.45					2,200,564.34

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40393347	3/5/2003	82.67					2,200,481.89
575660	40403269	3/18/2003	82.78					2,200,399.22
575660	40401773	3/17/2003	82.83					2,200,316.44
535001	40475265	6/12/2003	83.53					2,200,233.61
575000	40392971	3/5/2003	83.86					2,200,150.08
520100	40537660	8/26/2003	84.2					2,200,066.22
575000	40349535	1/10/2003	84.22					2,199,982.02
575002	40530658	8/19/2003	84.63					2,199,897.80
575830	40518323	8/4/2003	84.72					2,199,813.17
535000	40408966	3/24/2003	85					2,199,728.45
535000	40416292	4/2/2003	85					2,199,643.45
620000	40434927	4/24/2003	85					2,199,558.45
575002	40471195	6/9/2003	85.55					2,199,473.45
575660	40622459	12/4/2003	85.58					2,199,387.90
520100	40352463	1/13/2003	87.45					2,199,302.32
520100	40352465	1/13/2003	87.45					2,199,214.87
520100	40455860	5/20/2003	87.5					2,199,127.42
535001	40505646	7/21/2003	87.5					2,199,039.92
535001	40547060	9/9/2003	87.5					2,198,952.42
535001	40491210	7/1/2003	87.51					2,198,864.92
575660	40606782	11/17/2003	87.58					2,198,777.41
575830	40417392	4/3/2003	87.81					2,198,689.83
575000	40440039	5/1/2003	88.5					2,198,602.02
520100	40502341	7/16/2003	89.6					2,198,513.52
575000	40611567	11/20/2003	89.85					2,198,423.92
504620	40475413	6/12/2003	90					2,198,334.07
520100	40498298	7/10/2003	90					2,198,244.07
535000	40416361	4/2/2003	90					2,198,154.07
535000	40468253	6/4/2003	90					2,198,064.07
535000	40580475	10/16/2003	90					2,197,974.07
535001	40401824	3/17/2003	90					2,197,884.07
575500	40352468	1/13/2003	90					2,197,794.07
575000	40595125	11/4/2003	90.07					2,197,704.07
575000	40452926	5/16/2003	90.11					2,197,614.00
520100	40414137	3/31/2003	90.3					2,197,523.89
520100	40438484	4/30/2003	91.17					2,197,433.59
520100	40581283	10/17/2003	91.35					2,197,342.42
575000	40590233	10/27/2003	91.9					2,197,251.07
575000	40611567	11/20/2003	91.94					2,197,159.17
520100	40603898	11/13/2003	92.39					2,197,067.23
520100	40606203	11/17/2003	92.47					2,196,974.84
575000	40392971	3/5/2003	92.59					2,196,882.37
575000	40345021	1/3/2003	93.48					2,196,789.78
575030	40361921	1/23/2003	93.75					2,196,696.30
533000	40585894	10/22/2003	94					2,196,602.55
575420	40480759	6/19/2003	94.08					2,196,508.55
575320	40514148	7/30/2003	94.46					2,196,414.47
575000	40451187	5/15/2003	94.56					2,196,320.01
575480	40564070	9/29/2003	94.97					2,196,225.45
635000	40367516	1/31/2003	95					2,196,130.48
575000	40392956	3/5/2003	95.2					2,196,035.48
520100	40439951	5/1/2003	95.39					2,195,940.28
520100	40514459	7/30/2003	95.4					2,195,844.89
575000	40401831	3/17/2003	95.4					2,195,749.49
535000	40425936	4/15/2003	95.46					2,195,654.09
535001	40367580	1/31/2003	95.46					2,195,558.63
535001	40470797	6/9/2003	95.46					2,195,463.17
535001	40580452	10/16/2003	95.46					2,195,367.71
520100	40398288	3/12/2003	95.96					2,195,272.25
575820	40454074	5/19/2003	96.1					2,195,176.29
575820	40552825	9/16/2003	96.1					2,195,080.19
575480	40591254	10/29/2003	96.27					2,194,984.09
575320	40463334	5/29/2003	96.42					2,194,887.82
635000	40456007	5/20/2003	96.75					2,194,791.40
635000	40532705	8/20/2003	96.75					2,194,694.65
635000	40611080	11/20/2003	96.75					2,194,597.90
520100	40355389	1/16/2003	96.78					2,194,501.15
575030	40486909	6/25/2003						2,194,404.37
575000	40392952	3/5/2003						2,194,307.57

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40343324	1/2/2003	97.5					2,194,210.16
535000	40440164	5/1/2003	97.5					2,194,112.66
635000	40456057	5/20/2003	97.5					2,194,015.16
635000	40532709	8/20/2003	97.5					2,193,917.66
635000	40611077	11/20/2003	97.5					2,193,820.16
635000	40486744	6/25/2003	97.89					2,193,722.66
575351	40448774	5/12/2003	97.91					2,193,624.77
535000	40401781	3/17/2003	98					2,193,526.86
575000	40459380	5/22/2003	98.7					2,193,428.86
504610	40514372	7/30/2003	98.71					2,193,330.16
535000	40377776	2/18/2003	99					2,193,231.45
520100	40410417	3/26/2003	99.1					2,193,132.45
535001	40580456	10/16/2003	99.44					2,193,033.35
575000	40448860	5/12/2003	99.64					2,192,933.91
575000	40560750	9/24/2003	99.8					2,192,834.27
575625	40367508	1/31/2003	99.83					2,192,734.47
575000	40377716	2/18/2003	99.99					2,192,634.64
520100	40373998	2/11/2003	100					2,192,534.65
535000	40580476	10/16/2003	100					2,192,434.65
575000	40556238	9/18/2003	100					2,192,334.65
575270	40365580	1/29/2003	100					2,192,234.65
575270	40365586	1/29/2003	100					2,192,134.65
575270	40365591	1/29/2003	100					2,192,034.65
575270	40365592	1/29/2003	100					2,191,934.65
575270	40365595	1/29/2003	100					2,191,834.65
575270	40365597	1/29/2003	100					2,191,734.65
575280	40467010	6/3/2003	100					2,191,634.65
575500	40587483	10/23/2003	100					2,191,534.65
575500	40362031	1/23/2003	100					2,191,434.65
575500	40375559	2/13/2003	100					2,191,334.65
575500	40381759	2/20/2003	100					2,191,234.65
575500	40381803	2/20/2003	100					2,191,134.65
575500	40387071	2/26/2003	100					2,191,034.65
575500	40397042	3/10/2003	100					2,190,934.65
575500	40416318	4/2/2003	100					2,190,834.65
575500	40425992	4/15/2003	100					2,190,734.65
575500	40449734	5/12/2003	100					2,190,634.65
575500	40468095	6/4/2003	100					2,190,534.65
575500	40505653	7/21/2003	100					2,190,434.65
575500	40518294	8/4/2003	100					2,190,334.65
620000	40577395	10/13/2003	100					2,190,234.65
635000	40475209	6/12/2003	100					2,190,134.65
575000	40392971	3/5/2003	100.19					2,190,034.65
520100	40365853	1/30/2003	100.3					2,189,934.46
575320	40514146	7/30/2003	100.5					2,189,834.16
635000	40382751	2/24/2003	100.6					2,189,733.66
535000	40542057	9/2/2003	101.2					2,189,633.06
575000	40401828	3/17/2003	101.29					2,189,531.86
575000	40618293	12/1/2003	101.31					2,189,430.57
575000	40394798	3/7/2003	101.37					2,189,329.26
575000	40468129	6/4/2003	101.42					2,189,227.89
575000	40580377	10/16/2003	102.34					2,189,126.47
575480	40348677	1/9/2003	102.52					2,189,024.13
535000	40343410	1/2/2003	102.58					2,188,921.61
535000	40444847	5/7/2003	103.83					2,188,819.03
535000	40444850	5/7/2003	103.83					2,188,715.20
535000	40444853	5/7/2003	103.83					2,188,611.37
535000	40444858	5/7/2003	103.83					2,188,507.54
535000	40444865	5/7/2003	103.83					2,188,403.71
535000	40444883	5/7/2003	103.83					2,188,299.88
535000	40444898	5/7/2003	103.83					2,188,196.05
535000	40444901	5/7/2003	103.83					2,188,092.22
535000	40444904	5/7/2003	103.83					2,187,988.39
535000	40444905	5/7/2003	103.83					2,187,884.56
535000	40456132	5/20/2003	103.83					2,187,780.73
535000	40468321	6/4/2003	103.83					2,187,676.90
535000	40491388	7/1/2003	103.83					2,187,573.07
535000	40491391	7/1/2003	103.83					2,187,469.24
535000	40491392	7/1/2003	103.83					2,187,365.41

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40494287	7/7/2003	103.83					2,187,261.58
575000	40458779	5/22/2003	103.83					2,187,157.75
575000	40459511	5/22/2003	103.83					2,187,053.92
520100	40415616	4/1/2003	103.88					2,186,950.09
520100	40451614	5/15/2003	104.2					2,186,846.21
575000	40371272	2/6/2003	105					2,186,742.01
575030	40384149	2/24/2003	105					2,186,637.01
535000	40384062	2/24/2003	105.13					2,186,532.01
535000	40384064	2/24/2003	105.13					2,186,426.88
535000	40384069	2/24/2003	105.13					2,186,321.75
535000	40384154	2/24/2003	105.13					2,186,216.62
535000	40397859	3/11/2003	105.13					2,186,111.49
535000	40397861	3/11/2003	105.13					2,186,006.36
575320	40415625	4/1/2003	105.66					2,185,901.23
635000	40572704	10/8/2003	106.36					2,185,795.57
575625	40626688	12/9/2003	106.62					2,185,689.21
575480	40446485	5/9/2003	106.71					2,185,582.59
535000	40373985	2/11/2003	107.19					2,185,475.88
535001	40542445	9/3/2003	107.39					2,185,368.69
575000	40514435	7/30/2003	107.68					2,185,261.30
635000	40583637	10/21/2003	107.7					2,185,153.62
575480	40400665	3/14/2003	107.72					2,185,045.92
533000	40397932	3/11/2003	108					2,184,938.20
535000	40362031	1/23/2003	108					2,184,830.20
575500	40580659	10/16/2003	108					2,184,722.20
533000	40444932	5/7/2003	108.1					2,184,614.20
570100	40475625	6/12/2003	108.3					2,184,506.10
575002	40471090	6/9/2003	108.44					2,184,397.80
575480	40420833	4/8/2003	109.16					2,184,289.36
575660	40381809	2/20/2003	109.82					2,184,180.20
575000	40580396	10/16/2003	109.94					2,184,070.38
575000	40524797	8/12/2003	110					2,183,960.44
504610	40432249	4/22/2003	110.88					2,183,850.44
535001	40381804	2/20/2003	111.36					2,183,739.56
535001	40521748	8/7/2003	111.36					2,183,628.20
575420	40454228	5/19/2003	111.44					2,183,516.84
535001	40397930	3/11/2003	111.6					2,183,405.40
535001	40456125	5/20/2003	111.6					2,183,293.80
535001	40468249	6/4/2003	111.6					2,183,182.20
535000	40354505	1/15/2003	112					2,183,070.60
535000	40531307	8/19/2003	112					2,182,958.60
575660	40611111	11/20/2003	112.16					2,182,846.60
535000	40562819	9/25/2003	112.5					2,182,734.44
635000	40410375	3/26/2003	112.5					2,182,621.94
535000	40460378	5/27/2003	113					2,182,509.44
520100	40408975	3/24/2003	113.51					2,182,396.44
520100	40542055	9/2/2003	113.75					2,182,282.93
504620	40403272	3/18/2003	114					2,182,169.18
504620	40498276	7/10/2003	114					2,182,055.18
504620	40603899	11/13/2003	114					2,181,941.18
535000	40568461	10/2/2003	114					2,181,827.18
535000	40597746	11/6/2003	114					2,181,713.18
535000	40475394	6/12/2003	114					2,181,599.18
575240	40577310	10/13/2003	114					2,181,485.18
575490	40363741	1/27/2003	114					2,181,371.18
635000	40345071	1/3/2003	115					2,181,257.18
535001	40475265	6/12/2003	115.35					2,181,142.18
620000	40542001	9/2/2003	115.51					2,181,026.83
575200	40392869	3/5/2003	115.73					2,180,911.32
575000	40520568	8/6/2003	115.97					2,180,795.59
520100	40410403	3/26/2003	116.81					2,180,679.62
535000	40344988	1/3/2003	117					2,180,562.81
575000	40349534	1/10/2003	117.29					2,180,445.81
575660	40505657	7/21/2003	117.48					2,180,328.52
535000	40359725	1/21/2003	117.5					2,180,211.04
635000	40481555	6/19/2003	118.5					2,180,093.54
635000	40561714	9/24/2003	118.5					2,179,975.04
535000	40448588	5/12/2003	119.33					2,179,856.54
535001	40613456	11/24/2003	119.33					2,179,737.21

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40382415	2/20/2003	120					2,179,617.88
535000	40518883	8/5/2003	120					2,179,497.88
575342	40371492	2/6/2003	120					2,179,377.88
575480	40380406	2/19/2003	120.27					2,179,257.88
575000	40498038	7/10/2003	120.9					2,179,137.61
520100	40585297	10/22/2003	121.01					2,179,016.71
620000	40355385	1/16/2003	121.2					2,178,895.70
575002	40455963	5/20/2003	122.17					2,178,774.50
575660	40377719	2/18/2003	122.84					2,178,652.33
535000	40430635	4/21/2003	123					2,178,529.49
535001	40410322	3/26/2003	123.3					2,178,406.49
535000	40355452	1/16/2003	123.6					2,178,283.19
575000	40480883	6/19/2003	123.7					2,178,159.59
575000	40480902	6/19/2003	123.7					2,178,035.89
575000	40610824	11/20/2003	123.7					2,177,912.19
575480	40473874	6/11/2003	123.77					2,177,788.49
675000	40560631	9/24/2003	124.02					2,177,664.72
575000	40611567	11/20/2003	124.05					2,177,540.70
520100	40549915	9/12/2003	124.16					2,177,416.65
535000	40613539	11/24/2003	125					2,177,292.49
575000	40355312	1/16/2003	125					2,177,167.49
575240	40591575	10/29/2003	125					2,177,042.49
575240	40591510	10/29/2003	125					2,176,917.49
575240	40591511	10/29/2003	125					2,176,792.49
575240	40591576	10/29/2003	125					2,176,667.49
575240	40603879	11/13/2003	125					2,176,542.49
575342	40370493	2/5/2003	125					2,176,417.49
575200	40410455	3/26/2003	125.74					2,176,292.49
535000	40408959	3/24/2003	126.25					2,176,166.75
535000	40428255	4/17/2003	126.25					2,176,040.50
575000	40596726	11/5/2003	126.5					2,175,914.25
575000	40562829	9/25/2003	127.42					2,175,787.75
575000	40580547	10/16/2003	127.42					2,175,660.33
575620	40377740	2/18/2003	127.42					2,175,532.91
635000	40468377	6/4/2003	128					2,175,405.49
575320	40391695	3/4/2003	128.41					2,175,277.49
535001	40359726	1/21/2003	129.2					2,175,149.08
575000	40388875	2/28/2003	129.5					2,175,019.88
575000	40452924	5/16/2003	129.62					2,174,890.38
575320	40438485	4/30/2003	129.85					2,174,760.76
535000	40448588	5/12/2003	130					2,174,630.91
575500	40455889	5/20/2003	130					2,174,500.91
575480	40525210	8/12/2003	130.16					2,174,370.91
575000	40549748	9/11/2003	130.36					2,174,240.75
520100	40437807	4/29/2003	130.76					2,174,110.39
635000	40430642	4/21/2003	131.65					2,173,979.63
520100	40488300	6/26/2003	132					2,173,847.98
575000	40506195	7/21/2003	132					2,173,715.98
575000	40560688	9/24/2003	132					2,173,583.98
575000	40590225	10/27/2003	132					2,173,451.98
575000	40610888	11/20/2003	132					2,173,319.98
575000	40627987	12/10/2003	132					2,173,187.98
635000	40435839	4/28/2003	132					2,173,055.98
675000	40398212	3/11/2003	132					2,172,923.98
675000	40398213	3/11/2003	132					2,172,791.98
675000	40415559	4/1/2003	132					2,172,659.98
675000	40460403	5/27/2003	132					2,172,527.98
675000	40536598	8/26/2003	132					2,172,395.98
520100	40410481	3/26/2003	132.29					2,172,263.98
575002	40563727	9/29/2003	132.5					2,172,131.69
635000	40382779	2/24/2003	132.55					2,171,999.19
635000	40410373	3/26/2003	132.55					2,171,866.64
635000	40444832	5/7/2003	132.55					2,171,734.09
635000	40456106	5/20/2003	132.55					2,171,601.54
635000	40481579	6/19/2003	132.55					2,171,468.99
635000	40506154	7/21/2003	132.55					2,171,336.44
635000	40532700	8/20/2003	132.55					2,171,203.89
635000	40560698	9/24/2003	132.55					2,171,071.34
635000	40583642	10/21/2003	132.55					2,170,938.79

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
635000	40618345	12/1/2003	132.55					2,170,806.24
635000	40627728	12/10/2003	132.55					2,170,673.69
575350	40346714	1/7/2003	132.92					2,170,541.14
575000	40595193	11/4/2003	133.25					2,170,408.22
520100	40438473	4/30/2003	133.55					2,170,274.97
575625	40536806	8/26/2003	134.04					2,170,141.42
575340	40475430	6/12/2003	134.5					2,170,007.38
535000	40514448	7/30/2003	134.75					2,169,872.88
575000	40613451	11/24/2003	134.78					2,169,738.13
575280	40375196	2/12/2003	135					2,169,603.35
575200	40584801	10/22/2003	135.43					2,169,468.35
535000	40460623	5/27/2003	135.5					2,169,332.92
535000	40585854	10/22/2003	135.5					2,169,197.42
635000	40522920	8/8/2003	135.6					2,169,061.92
575000	40468126	6/4/2003	136.72					2,168,926.32
575660	40453918	5/19/2003	136.92					2,168,789.60
575625	40428257	4/17/2003	137.59					2,168,652.68
575000	40428250	4/17/2003	137.8					2,168,515.09
520100	40390397	3/3/2003	137.96					2,168,377.29
535000	40531302	8/19/2003	138					2,168,239.33
535000	40564283	9/29/2003	138					2,168,101.33
675000	40486936	6/25/2003	138					2,167,963.33
520100	40483394	6/23/2003	138.27					2,167,825.33
635000	40448812	5/12/2003	138.6					2,167,687.06
575625	40506120	7/21/2003	138.81					2,167,548.46
675000	40595175	11/4/2003	138.9					2,167,409.65
575000	40377721	2/18/2003	139					2,167,270.75
575000	40491351	7/1/2003	139					2,167,131.75
535001	40623186	12/5/2003	139.21					2,166,992.75
575000	40560689	9/24/2003	139.92					2,166,853.54
504620	40596113	11/5/2003	140					2,166,713.62
504620	40349896	1/10/2003	140					2,166,573.62
535000	40549738	9/11/2003	140					2,166,433.62
575200	40555676	9/18/2003	140.74					2,166,293.62
535000	40352527	1/13/2003	141					2,166,152.88
535000	40352529	1/13/2003	141					2,166,011.88
535000	40444699	5/7/2003	141					2,165,870.88
620000	40355642	1/16/2003	141.15					2,165,729.88
575480	40567122	10/1/2003	142.03					2,165,588.73
575420	40480640	6/19/2003	142.84					2,165,446.70
575002	40408866	3/24/2003	142.86					2,165,303.86
520100	40514359	7/30/2003	143.1					2,165,161.00
535000	40425938	4/15/2003	143.19					2,165,017.90
520100	40440120	5/1/2003	143.63					2,164,874.71
575000	40611137	11/20/2003	143.63					2,164,731.08
575000	40455816	5/20/2003	143.93					2,164,587.45
533000	40514599	7/30/2003	144					2,164,443.52
535000	40455889	5/20/2003	144					2,164,299.52
535000	40480990	6/19/2003	144					2,164,155.52
575000	40444708	5/7/2003	144					2,164,011.52
520100	40343416	1/2/2003	144.3					2,163,867.52
535000	40428348	4/17/2003	146					2,163,723.22
575420	40448579	5/12/2003	146.76					2,163,577.22
575000	40572680	10/8/2003	147.5					2,163,430.46
535000	40358361	1/20/2003	148					2,163,282.96
535000	40410460	3/26/2003	148					2,163,134.96
635000	40382756	2/24/2003	148					2,162,986.96
635000	40432324	4/22/2003	148					2,162,838.96
575660	40378921	2/18/2003	148.99					2,162,690.96
575780	40359721	1/21/2003	149.08					2,162,541.97
575780	40359721	1/21/2003	149.08					2,162,392.89
575000	40566428	9/30/2003	149.86					2,162,243.81
535000	40562817	9/25/2003	150					2,162,093.95
535000	40626686	12/9/2003	150					2,161,943.95
575000	40530189	8/18/2003	150					2,161,793.95
575030	40522549	8/8/2003	150					2,161,643.95
575342	40359417	1/21/2003	150					2,161,493.95
575500	40439912	5/1/2003	150					2,161,343.95
575660	40377715	2/18/2003	150					2,161,193.95



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
635000	40440032	5/1/2003	150					2,161,043.95
635000	40595117	11/4/2003	150					2,160,893.95
520100	40365849	1/30/2003	150.22					2,160,743.95
575200	40622411	12/4/2003	151.04					2,160,593.73
575660	40530205	8/18/2003	151.12					2,160,442.69
535001	40410322	3/26/2003	151.15					2,160,291.57
620000	40547093	9/9/2003	151.2					2,160,140.42
535000	40480990	6/19/2003	152					2,159,989.22
575320	40365845	1/30/2003	152.94					2,159,837.22
635000	40460601	5/27/2003	153.25					2,159,684.28
635000	40481255	6/19/2003	153.25					2,159,531.03
635000	40506150	7/21/2003	153.25					2,159,377.78
635000	40532421	8/20/2003	153.25					2,159,224.53
635000	40560742	9/24/2003	153.25					2,159,071.28
635000	40578337	10/14/2003	153.25					2,158,918.03
635000	40611027	11/20/2003	153.25					2,158,764.78
635000	40627716	12/10/2003	153.25					2,158,611.53
575820	40488276	6/26/2003	153.64					2,158,458.28
575820	40498213	7/10/2003	153.64					2,158,304.64
575820	40498218	7/10/2003	153.64					2,158,151.00
575820	40505883	7/21/2003	153.64					2,157,997.36
575820	40510175	7/24/2003	153.64					2,157,843.72
575820	40521769	8/7/2003	153.64					2,157,690.08
575820	40521806	8/7/2003	153.64					2,157,536.44
575820	40454084	5/19/2003	153.99					2,157,382.80
575820	40458735	5/22/2003	153.99					2,157,228.81
575000	40419350	4/7/2003	154.22					2,157,074.82
575820	40381369	2/20/2003	154.22					2,156,920.60
575820	40384085	2/24/2003	154.22					2,156,766.38
575820	40388506	2/28/2003	154.22					2,156,612.16
575820	40397827	3/11/2003	154.22					2,156,457.94
520100	40505918	7/21/2003	154.39					2,156,303.72
575030	40475483	6/12/2003	154.97					2,156,149.33
535000	40542009	9/2/2003	155					2,155,994.36
535000	40543960	9/4/2003	155					2,155,839.36
575000	40481539	6/19/2003	155.01					2,155,684.36
575625	40613581	11/24/2003	155.24					2,155,529.35
575625	40531559	8/20/2003	155.53					2,155,374.11
575820	40403145	3/18/2003	155.72					2,155,218.58
575820	40410315	3/26/2003	155.72					2,155,062.86
575820	40444580	5/7/2003	155.84					2,154,907.14
504620	40587480	10/23/2003	156.1					2,154,751.30
575000	40392971	3/5/2003	156.13					2,154,595.20
575625	40536583	8/26/2003	156.56					2,154,439.07
575000	40562831	9/25/2003	156.58					2,154,282.51
520100	40460604	5/27/2003	156.9					2,154,125.93
575000	40430649	4/21/2003	156.92					2,153,969.03
620000	40483937	6/23/2003	157					2,153,812.11
575820	40480622	6/19/2003	157.01					2,153,655.11
575820	40547057	9/9/2003	157.34					2,153,498.10
575625	40622444	12/4/2003	157.43					2,153,340.76
575660	40481012	6/19/2003	157.55					2,153,183.33
575820	40373992	2/11/2003	157.55					2,153,025.78
520100	40432215	4/22/2003	157.73					2,152,868.23
575000	40627736	12/10/2003	157.94					2,152,710.50
575620	40368385	2/3/2003	157.94					2,152,552.56
575000	40542007	9/2/2003	158.44					2,152,394.62
520100	40585852	10/22/2003	159					2,152,236.18
675000	40497514	7/10/2003	159					2,152,077.18
575820	40362063	1/23/2003	159.04					2,151,918.18
535000	40498200	7/10/2003	160					2,151,759.14
535000	40536465	8/26/2003	160					2,151,599.14
535000	40549738	9/11/2003	160					2,151,439.14
575000	40595190	11/4/2003	160					2,151,279.14
575500	40408797	3/24/2003	160					2,151,119.14
575000	40580378	10/16/2003	160.31					2,150,959.14
520100	40377781	2/18/2003	160.63					2,150,798.83
533000	40392971	3/5/2003	161					2,150,638.20
575000	40531266	8/19/2003	161.52					2,150,477.20

Other Oper Exp

Obj <u>Acct</u>	Document <u>Number</u>	Check <u>Date</u>	Amount	Service Period		Avg Service <u>Period</u>	Lag <u>(Lead)</u>	Dollar <u>Days</u>
				<u>From</u>	<u>To</u>			
533000	40506082	7/21/2003	161.65					2,150,315.68
635000	40456024	5/20/2003	161.8					2,150,154.03
504620	40374035	2/11/2003	162					2,149,992.23
504620	40374037	2/11/2003	162					2,149,830.23
504620	40530187	8/18/2003	162					2,149,668.23
504620	40560648	9/24/2003	162					2,149,506.23
575820	40434833	4/24/2003	162.23					2,149,344.23
535000	40470797	6/9/2003	162.5					2,149,182.00
575000	40584790	10/22/2003	163.26					2,149,019.50
575002	40367481	1/31/2003	163.35					2,148,856.24
575820	40352474	1/13/2003	163.53					2,148,692.89
575820	40359660	1/21/2003	163.53					2,148,529.36
575820	40430832	4/21/2003	163.74					2,148,365.83
520100	40454583	5/19/2003	163.78					2,148,202.09
535000	40531567	8/20/2003	164					2,148,038.31
620000	40388772	2/28/2003	164.8					2,147,874.31
575420	40424364	4/14/2003	164.91					2,147,709.51
575420	40598730	11/7/2003	164.91					2,147,544.60
575420	40612786	11/24/2003	164.91					2,147,379.69
575820	40556647	9/19/2003	164.91					2,147,214.78
575820	40573222	10/8/2003	164.91					2,147,049.87
575820	40451193	5/15/2003	165.21					2,146,884.96
575625	40518896	8/5/2003	165.37					2,146,719.75
566700	40347044	1/7/2003	165.65					2,146,554.38
575625	40499440	7/11/2003	165.78					2,146,388.73
535000	40505967	7/21/2003	166.22					2,146,222.95
535000	40603925	11/13/2003	166.28					2,146,056.73
520100	40571919	10/7/2003	166.88					2,145,890.45
535001	40401764	3/17/2003	167.06					2,145,723.57
535000	40564281	9/29/2003	167.67					2,145,556.51
504620	40392845	3/5/2003	168					2,145,388.84
575820	40573226	10/8/2003	168.28					2,145,220.84
575625	40415565	4/1/2003	168.83					2,145,052.56
575000	40345058	1/3/2003	169.39					2,144,883.73
520100	40595138	11/4/2003	169.6					2,144,714.34
535000	40564299	9/29/2003	169.79					2,144,544.74
535000	40585845	10/22/2003	169.79					2,144,374.95
575500	40410318	3/26/2003	170					2,144,205.16
575500	40430635	4/21/2003	170					2,144,035.16
535000	40460621	5/27/2003	171.17					2,143,865.16
535000	40481374	6/19/2003	171.17					2,143,693.99
575660	40566474	9/30/2003	171.97					2,143,522.82
575625	40458782	5/22/2003	172.25					2,143,350.85
620000	40420345	4/8/2003	172.5					2,143,178.60
575780	40590208	10/28/2003	172.86					2,143,006.10
575780	40590208	10/28/2003	172.87					2,142,833.24
575000	40549746	9/11/2003	173.13					2,142,660.37
575780	40610883	11/20/2003	173.23					2,142,487.24
575780	40610883	11/20/2003	173.23					2,142,314.01
535000	40531305	8/19/2003	173.35					2,142,140.78
535000	40374022	2/11/2003	173.66					2,141,967.43
504620	40603920	11/13/2003	175					2,141,793.77
504620	40603922	11/13/2003	175					2,141,618.77
504620	40603923	11/13/2003	175					2,141,443.77
535001	40613463	11/24/2003	175					2,141,268.77
575000	40434975	4/24/2003	175					2,141,093.77
620000	40460370	5/27/2003	175					2,140,918.77
575820	40530211	8/18/2003	175.71					2,140,743.77
575625	40556670	9/19/2003	176.05					2,140,568.06
575820	40485967	6/24/2003	176.1					2,140,392.01
575620	40434946	4/24/2003	176.2					2,140,215.91
575200	40560746	9/24/2003	176.45					2,140,039.71
675000	40456060	5/20/2003	176.5					2,139,863.26
620000	40368973	2/4/2003	177.49					2,139,686.76
535000	40343405	1/2/2003	178.5					2,139,509.27
575000	40531261	8/19/2003	178.88					2,139,330.77
575002	40485959	6/24/2003	179					2,139,151.89
535000	40486717	6/25/2003	179.4					2,138,972.89
520100	40381622	2/20/2003	180					2,138,793.49

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40497273	7/9/2003	180					2,138,613.49
535000	40401734	3/17/2003	180					2,138,433.49
535000	40425992	4/15/2003	180					2,138,253.49
575342	40424794	4/14/2003	180					2,138,073.49
575200	40420242	4/8/2003	180.68					2,137,893.49
575625	40468144	6/4/2003	181.35					2,137,712.81
575000	40536633	8/26/2003	181.71					2,137,531.46
575000	40471120	6/9/2003	181.8					2,137,349.75
575625	40475432	6/12/2003	182.12					2,137,167.95
575625	40498597	7/11/2003	182.57					2,136,985.83
575625	40481553	6/19/2003	182.9					2,136,803.26
575625	40509750	7/24/2003	183.58					2,136,620.36
504610	40358371	1/20/2003	184					2,136,436.78
575625	40445847	5/8/2003	184.36					2,136,252.78
520100	40377789	2/18/2003	184.6					2,136,068.42
575625	40470783	6/9/2003	184.69					2,135,883.82
520100	40451614	5/15/2003	186.28					2,135,699.13
535000	40468288	6/4/2003	187					2,135,512.85
575420	40536799	8/26/2003	187.62					2,135,325.85
575625	40436850	4/28/2003	187.91					2,135,138.23
575625	40595118	11/4/2003	188.42					2,134,950.32
575000	40491347	7/1/2003	189.21					2,134,761.90
575000	40452929	5/16/2003	189.53					2,134,572.69
504620	40521801	8/7/2003	190					2,134,383.16
535000	40430828	4/21/2003	190					2,134,193.16
575002	40410407	3/26/2003	190.08					2,134,003.16
520100	40555671	9/18/2003	190.8					2,133,813.08
520100	40432154	4/22/2003	190.8					2,133,622.28
575000	40506108	7/21/2003	190.8					2,133,431.48
575625	40549936	9/12/2003	191.59					2,133,240.68
575000	40497515	7/10/2003	192.37					2,133,049.09
575625	40603929	11/13/2003	192.55					2,132,856.72
575000	40591580	10/29/2003	193.78					2,132,664.17
535000	40398261	3/12/2003	194					2,132,470.39
575625	40420355	4/8/2003	194.23					2,132,276.39
575820	40377720	2/18/2003	194.45					2,132,082.16
575000	40455819	5/20/2003	194.83					2,131,887.71
535000	40408906	3/24/2003	195					2,131,692.88
535000	40410322	3/26/2003	195					2,131,497.88
535000	40547060	9/9/2003	195					2,131,302.88
575002	40536639	8/26/2003	195.18					2,131,107.88
635000	40448809	5/12/2003	195.4					2,130,912.70
504610	40531330	8/19/2003	197.19					2,130,717.30
575000	40505522	7/21/2003	197.34					2,130,520.11
520100	40410726	3/26/2003	198.76					2,130,322.77
575625	40455995	5/20/2003	198.87					2,130,124.01
535001	40448588	5/12/2003	198.88					2,129,925.14
520100	40438145	4/29/2003	199.16					2,129,726.26
520100	40462245	5/28/2003	199.16					2,129,527.10
575625	40518889	8/5/2003	199.48					2,129,327.94
520100	40485947	6/24/2003	199.76					2,129,128.46
520100	40515615	7/31/2003	199.76					2,128,928.70
520100	40549964	9/12/2003	200					2,128,728.94
535001	40536804	8/26/2003	200					2,128,528.94
575000	40375190	2/12/2003	200					2,128,328.94
575000	40398464	3/12/2003	200					2,128,128.94
575030	40512777	7/29/2003	200					2,127,928.94
575030	40560675	9/24/2003	200					2,127,728.94
575240	40530212	8/18/2003	200					2,127,528.94
575240	40539604	8/27/2003	200					2,127,328.94
575500	40344990	1/3/2003	200					2,127,128.94
575500	40509231	7/23/2003	200					2,126,928.94
575500	40531260	8/19/2003	200					2,126,728.94
535000	40506180	7/21/2003	200.18					2,126,528.94
520100	40539138	8/27/2003	201.51					2,126,328.76
520100	40616182	11/26/2003	201.51					2,126,127.25
575660	40596347	11/5/2003	201.84					2,125,925.74
535000	40373893	2/11/2003	202.4					2,125,723.90
535001	40564297	9/29/2003	202.4					2,125,521.50

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40368384	2/3/2003	202.52					2,125,319.10
575320	40522022	8/8/2003	203.17					2,125,116.58
520100	40365064	1/29/2003	203.52					2,124,913.41
520100	40414130	3/31/2003	203.85					2,124,709.89
575200	40412269	3/27/2003	204.66					2,124,506.04
575625	40384236	2/24/2003	206.48					2,124,301.38
575000	40595131	11/4/2003	206.7					2,124,094.90
575002	40481932	6/20/2003	206.7					2,123,888.20
535001	40580451	10/16/2003	206.83					2,123,681.50
535000	40451590	5/15/2003	207.4					2,123,474.67
575625	40611110	11/20/2003	207.5					2,123,267.27
575625	40488350	6/26/2003	207.8					2,123,059.77
535001	40381826	2/20/2003	209.2					2,122,851.97
575625	40367506	1/31/2003	209.23					2,122,642.77
575000	40610848	11/20/2003	210.3					2,122,433.54
535000	40468143	6/4/2003	211.05					2,122,223.24
575625	40549938	9/12/2003	211.79					2,122,012.19
535000	40618279	12/1/2003	212.09					2,121,800.40
575000	40365435	1/29/2003	212.16					2,121,588.31
575625	40590189	10/28/2003	212.29					2,121,376.15
575000	40611135	11/20/2003	212.5					2,121,163.86
520100	40561689	9/24/2003	212.51					2,120,951.36
575000	40491218	7/1/2003	212.85					2,120,738.85
535000	40401785	3/17/2003	213					2,120,526.00
575660	40439940	5/1/2003	213.25					2,120,313.00
575000	40486685	6/25/2003	213.9					2,120,099.75
575625	40578301	10/14/2003	214.65					2,119,885.85
535000	40486270	6/25/2003	215					2,119,671.20
535000	40566697	10/1/2003	215					2,119,456.20
575320	40623639	12/5/2003	215.08					2,119,241.20
575000	40514396	7/30/2003	215.36					2,119,026.12
535000	40444703	5/7/2003	216					2,118,810.76
535000	40460607	5/27/2003	216					2,118,594.76
535000	40611116	11/20/2003	216					2,118,378.76
520100	40596393	11/5/2003	216.24					2,118,162.76
575625	40434931	4/24/2003	217.24					2,117,946.52
575420	40480648	6/19/2003	217.78					2,117,729.28
575625	40578297	10/14/2003	217.95					2,117,511.50
535000	40481191	6/19/2003	218.25					2,117,293.55
575000	40629804	12/11/2003	219					2,117,075.30
675000	40549966	9/12/2003	219.06					2,116,856.30
575480	40537650	8/26/2003	219.07					2,116,637.24
575820	40344993	1/3/2003	219.52					2,116,418.17
575625	40388879	2/28/2003	219.8					2,116,198.65
575000	40524797	8/12/2003	220					2,115,978.85
575000	40506103	7/21/2003	220					2,115,758.85
575200	40455883	5/20/2003	220.32					2,115,538.85
575625	40410397	3/26/2003	220.59					2,115,318.53
635000	40468092	6/4/2003	221.12					2,115,097.94
520100	40454233	5/19/2003	221.43					2,114,876.82
575320	40599899	11/10/2003	221.85					2,114,655.39
620000	40530662	8/19/2003	222.45					2,114,433.54
520100	40388781	2/28/2003	222.6					2,114,211.09
535000	40401764	3/17/2003	222.74					2,113,988.49
520100	40409707	3/25/2003	222.76					2,113,765.75
575620	40416336	4/2/2003	222.83					2,113,542.99
520100	40355374	1/16/2003	223.04					2,113,320.16
575780	40560690	9/24/2003	223.13					2,113,097.12
575780	40560690	9/24/2003	223.13					2,112,873.99
575320	40543941	9/4/2003	223.2					2,112,650.86
575480	40497612	7/10/2003	223.58					2,112,427.66
575000	40590292	10/28/2003	223.93					2,112,204.08
575625	40397995	3/11/2003	224.14					2,111,980.15
575780	40481534	6/19/2003	224.16					2,111,756.01
575780	40481534	6/19/2003	224.17					2,111,531.85
575780	40627742	12/10/2003	224.76					2,111,307.68
575780	40627742	12/10/2003	224.77					2,111,082.92
535000	40562821	9/25/2003	225					2,110,858.15
575280	40480795	6/19/2003	225					2,110,633.15

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575820	40468053	6/4/2003	225.52					2,110,408.15
575480	40564025	9/29/2003	226.35					2,110,182.63
575780	40536610	8/26/2003	226.71					2,109,956.28
575780	40536610	8/26/2003	226.71					2,109,729.57
575000	40591563	10/29/2003	226.84					2,109,502.86
575480	40512566	7/29/2003	227.4					2,109,276.02
535000	40475256	6/12/2003	227.5					2,109,048.62
535000	40475256	6/12/2003	227.5					2,108,821.12
535000	40480995	6/19/2003	227.5					2,108,593.62
535000	40481010	6/19/2003	227.5					2,108,366.12
535000	40480995	6/19/2003	227.5					2,108,138.62
535000	40481010	6/19/2003	227.5					2,107,911.12
535000	40491210	7/1/2003	227.5					2,107,683.62
535000	40491210	7/1/2003	227.5					2,107,456.12
535000	40498197	7/10/2003	227.5					2,107,228.62
535000	40498197	7/10/2003	227.5					2,107,001.12
535000	40505504	7/21/2003	227.5					2,106,773.62
535000	40505646	7/21/2003	227.5					2,106,546.12
535000	40505504	7/21/2003	227.5					2,106,318.62
535000	40505646	7/21/2003	227.5					2,106,091.12
535000	40521729	8/7/2003	227.5					2,105,863.62
535000	40530587	8/19/2003	227.5					2,105,636.12
535000	40530609	8/19/2003	227.5					2,105,408.62
535000	40536576	8/26/2003	227.5					2,105,181.12
535000	40566470	9/30/2003	227.5					2,104,953.62
535000	40580452	10/16/2003	227.5					2,104,726.12
535000	40580451	10/16/2003	227.5					2,104,498.62
535000	40580452	10/16/2003	227.5					2,104,271.12
535000	40580456	10/16/2003	227.5					2,104,043.62
535000	40584769	10/22/2003	227.5					2,103,816.12
535000	40585824	10/22/2003	227.5					2,103,588.62
535000	40584769	10/22/2003	227.5					2,103,361.12
535000	40585824	10/22/2003	227.5					2,103,133.62
535000	40603883	11/13/2003	227.5					2,102,906.12
535000	40603903	11/13/2003	227.5					2,102,678.62
535000	40613456	11/24/2003	227.5					2,102,451.12
575000	40603943	11/13/2003	227.5					2,102,223.62
575480	40463299	5/29/2003	228.31					2,101,996.12
575000	40543961	9/4/2003	229.57					2,101,767.81
520100	40381765	2/20/2003	230					2,101,538.24
535000	40611569	11/20/2003	231					2,101,308.24
575000	40514429	7/30/2003	232.14					2,101,077.24
575250	40470780	6/9/2003	232.82					2,100,845.10
575000	40530666	8/19/2003	232.94					2,100,612.28
575820	40416341	4/2/2003	233.15					2,100,379.34
520100	40386352	2/26/2003	234.33					2,100,146.19
575620	40603930	11/13/2003	234.89					2,099,911.86
533000	40622423	12/4/2003	235					2,099,676.97
575625	40352536	1/13/2003	235.94					2,099,441.97
575000	40497517	7/10/2003	236.38					2,099,206.03
533000	40415579	4/1/2003	237.85					2,098,969.65
533000	40437411	4/29/2003	237.85					2,098,731.80
533000	40458772	5/22/2003	237.85					2,098,493.95
575480	40488806	6/30/2003	238.71					2,098,256.10
520100	40595115	11/4/2003	238.93					2,098,017.39
575420	40403107	3/18/2003	239.03					2,097,778.46
535000	40613562	11/24/2003	239.25					2,097,539.43
575002	40392871	3/5/2003	239.41					2,097,300.18
520100	40451593	5/15/2003	240					2,097,060.77
520100	40595178	11/4/2003	240					2,096,820.77
535000	40361924	1/23/2003	240					2,096,580.77
535000	40468022	6/4/2003	240					2,096,340.77
575780	40367596	1/31/2003	240					2,096,100.77
575780	40514432	7/30/2003	240					2,095,860.77
575320	40571794	10/7/2003	240.45					2,095,620.77
575820	40420288	4/8/2003	240.5					2,095,380.32
575000	40433250	4/23/2003	241					2,095,139.82
533000	40486906	6/25/2003	241.75					2,094,898.82
535000	40566467	9/30/2003	242.74					2,094,657.07

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575480	40591243	1012912003	242.89					2,094,414.33
520100	40391697	3/4/2003	243.22					2,094,171.44
575000	40618409	12/1/2003	243.43					2,093,928.22
575480	40415628	4/1/2003	243.45					2,093,684.79
575000	40536592	8/26/2003	243.5					2,093,441.34
575000	40572719	10/8/2003	244.01					2,093,197.84
575000	40590285	10/28/2003	244.52					2,092,953.83
504620	40621674	12/4/2003	245					2,092,709.31
575002	40569121	10/3/2003	246.21					2,092,464.31
620000	40388777	2/28/2003	246.24					2,092,218.10
575420	40498205	7/10/2003	246.34					2,091,971.86
520100	40583644	10/21/2003	246.81					2,091,725.52
620000	40355383	1/16/2003	247.5					2,091,478.71
535000	40409023	3/24/2003	249.89					2,091,231.21
575000	40542110	9/2/2003	250					2,090,981.32
575000	40355314	1/16/2003	250					2,090,731.32
575280	40539383	8/27/2003	250					2,090,481.32
575280	40568460	10/2/2003	250					2,090,231.32
575280	40611614	11/20/2003	250					2,089,981.32
575500	40480990	6/19/2003	250					2,089,731.32
575000	40566428	9/30/2003	250.97					2,089,481.32
520100	40519711	8/6/2003	251.4					2,089,230.35
675000	40498231	7/10/2003	251.99					2,088,978.95
533000	40468194	6/4/2003	252					2,088,726.96
535000	40352468	1/13/2003	252					2,088,474.96
575480	40616890	11/26/2003	253.13					2,088,222.96
575625	40367507	1/31/2003	253.25					2,087,969.83
575000	40367594	1/31/2003	253.83					2,087,716.58
575625	40432317	4/22/2003	254.06					2,087,462.75
520100	40432211	4/22/2003	254.4					2,087,208.69
535000	40603909	11/13/2003	255					2,086,954.29
575000	40412575	3/27/2003	256					2,086,699.29
575820	40552827	9/16/2003	257.02					2,086,443.29
520100	40488807	6/30/2003	257.03					2,086,186.27
504610	40458777	5/22/2003	258.11					2,085,929.24
535001	40530609	8/19/2003	258.54					2,085,671.13
575000	40420347	4/8/2003	258.72					2,085,412.59
535000	40426142	4/15/2003	260					2,085,153.87
535000	40475265	6/12/2003	260					2,084,893.87
535000	40530587	8/19/2003	260					2,084,633.87
535000	40530609	8/19/2003	260					2,084,373.87
535000	40568758	10/3/2003	260					2,084,113.87
535000	40603883	11/13/2003	260					2,083,853.87
535000	40603903	11/13/2003	260					2,083,593.87
535000	40623186	12/5/2003	260					2,083,333.87
535000	40623186	12/5/2003	260					2,083,073.87
535000	40377736	2/18/2003	260.29					2,082,813.87
575625	40360275	1/22/2003	261.41					2,082,553.58
620000	40596345	11/5/2003	262.4					2,082,292.17
575000	40420302	4/8/2003	262.62					2,082,029.77
575000	40560751	9/24/2003	262.62					2,081,767.15
520100	40463300	5/29/2003	262.8					2,081,504.53
504610	40564277	9/29/2003	263					2,081,241.73
575625	40377772	2/18/2003	263.53					2,080,978.73
520100	40468214	6/4/2003	263.9					2,080,715.20
535000	40556596	9/19/2003	265					2,080,451.30
635000	40355468	1/16/2003	265.1					2,080,186.30
504620	40355291	1/16/2003	266					2,079,921.20
575280	40525447	8/12/2003	266					2,079,655.20
575000	40412220	3/27/2003	268.92					2,079,389.20
575000	40420237	4/8/2003	268.92					2,079,120.28
575000	40542060	9/2/2003	269.2					2,078,851.36
575000	40549954	9/12/2003	269.2					2,078,582.16
575000	40556683	9/19/2003	269.2					2,078,312.96
575000	40568958	10/3/2003	269.2					2,078,043.76
575000	40569127	10/3/2003	269.2					2,077,774.56
575000	40580502	10/16/2003	269.2					2,077,505.36
575000	40580543	10/16/2003	269.2					2,077,236.16
575000	40506065	7/21/2003	269.2					2,076,966.96

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40475401	6/12/2003	270					2,076,697.76
535001	40374132	2/11/2003	270					2,076,427.76
535001	40417782	4/4/2003	270					2,076,157.76
520100	40403141	3/18/2003	272					2,075,887.76
575820	40541994	9/2/2003	273.09					2,075,615.76
535000	40377737	2/18/2003	273.54					2,075,342.67
575320	40473046	6/10/2003	274.98					2,075,069.13
685430	40422923	4/11/2003	275.12					2,074,794.15
575480	40437819	4/29/2003	275.2					2,074,519.03
575000	40595126	11/4/2003	275.21					2,074,243.83
535001	40585848	10/22/2003	276					2,073,968.62
535000	40475265	6/12/2003	277.5					2,073,692.62
575625	40377734	2/18/2003	278					2,073,415.12
575000	40417587	4/3/2003	278.48					2,073,137.12
520100	40368381	2/3/2003	279.43					2,072,858.64
533000	40415592	4/1/2003	282					2,072,579.21
575000	40603944	11/13/2003	285					2,072,297.21
535000	40506177	7/21/2003	285.14					2,072,012.21
535000	40439912	5/1/2003	286					2,071,727.07
520100	40414136	3/31/2003	286.13					2,071,441.07
520100	40354553	1/15/2003	286.2					2,071,154.94
535001	40381804	2/20/2003	286.38					2,070,868.74
575000	40629799	12/11/2003	287.26					2,070,582.36
533000	40356197	1/17/2003	287.5					2,070,295.10
575000	40369169	2/4/2003	287.84					2,070,007.60
535000	40410318	3/26/2003	288					2,069,719.76
535000	40439918	5/1/2003	288					2,069,431.76
575000	40491216	7/1/2003	288.9					2,069,143.76
535000	40444908	5/7/2003	289.8					2,068,854.86
575780	40448775	5/12/2003	289.92					2,068,565.06
575780	40448775	5/12/2003	289.93					2,068,275.14
520100	40437818	4/29/2003	290.98					2,067,985.21
675000	40460619	5/27/2003	292.43					2,067,694.23
535000	40455875	5/20/2003	292.5					2,067,401.80
535000	40521748	8/7/2003	292.5					2,067,109.30
535000	40521748	8/7/2003	292.5					2,066,816.80
535000	40547060	9/9/2003	292.5					2,066,524.30
535000	40547061	9/9/2003	292.5					2,066,231.80
535000	40613456	11/24/2003	292.5					2,065,939.30
620000	40590182	10/28/2003	293.77					2,065,646.80
520100	40468186	6/4/2003	294.8					2,065,353.03
520100	40514622	7/30/2003	294.8					2,065,058.23
520100	40514650	7/30/2003	294.8					2,064,763.43
575280	40410338	3/26/2003	295					2,064,468.63
575200	40412278	3/27/2003	296.05					2,064,173.63
535000	40460617	5/27/2003	297.12					2,063,877.58
535000	40518294	8/4/2003	298					2,063,580.46
575820	40377710	2/18/2003	298.34					2,063,282.46
620000	40595155	11/4/2003	298.48					2,062,984.12
575480	40361379	1/23/2003	299.87					2,062,685.64
535000	40542017	9/2/2003	299.95					2,062,385.77
520100	40451202	5/15/2003	300					2,062,085.82
520100	40416332	4/2/2003	300					2,061,785.82
535000	40352531	1/13/2003	300					2,061,485.82
535000	40361941	1/23/2003	300					2,061,185.82
535000	40384229	2/24/2003	300					2,060,885.82
535000	40468280	6/4/2003	300					2,060,585.82
535000	40481180	6/19/2003	300					2,060,285.82
535000	40505632	7/21/2003	300					2,059,985.82
535000	40562818	9/25/2003	300					2,059,685.82
535000	40610751	11/20/2003	300					2,059,385.82
535000	40623188	12/5/2003	300					2,059,085.82
575000	40629801	12/11/2003	300					2,058,785.82
575030	40480636	6/19/2003	300					2,058,485.82
575000	40590204	10/28/2003	300.25					2,058,185.82
575420	40491348	7/1/2003	300.93					2,057,885.57
535000	40354562	1/15/2003	301.8					2,057,584.64
520100	40537649	8/26/2003	301.86					2,057,282.84
504620	40356617	1/17/2003	302					2,056,980.98

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575000	40531301	8/19/2003	302.28					2,056,678.98
575820	40480666	6/19/2003	302.53					2,056,376.70
575000	40451625	5/15/2003	303.29					2,056,074.17
575000	40506097	7/21/2003	303.38					2,055,770.88
575000	40481390	6/19/2003	303.42					2,055,467.50
575000	40440028	5/1/2003	303.63					2,055,164.08
575000	40384176	2/24/2003	304.29					2,054,860.45
575000	40454092	5/19/2003	305.82					2,054,556.16
504670	40485526	6/24/2003	305.87					2,054,250.34
520100	40592213	10/30/2003	306.45					2,053,944.47
575000	40603942	11/13/2003	307.09					2,053,638.02
520100	40396915	3/10/2003	308.49					2,053,330.93
535000	40470797	6/9/2003	308.75					2,053,022.44
520100	40547054	9/9/2003	309					2,052,713.69
620000	40388784	2/28/2003	310					2,052,404.69
575820	40426075	4/15/2003	311.11					2,052,094.69
575000	40375188	2/12/2003	311.4					2,051,783.58
535000	40444697	5/7/2003	312.5					2,051,472.18
535000	40566464	9/30/2003	313.5					2,051,159.68
520100	40564026	9/29/2003	314.21					2,050,846.18
535001	40580452	10/16/2003	314.23					2,050,531.97
520100	40432168	4/22/2003	315					2,050,217.74
575500	40603917	11/13/2003	315					2,049,902.74
535000	40357016	1/17/2003	315.25					2,049,587.74
675000	40618288	12/1/2003	315.34					2,049,272.49
520100	40591242	10/29/2003	315.87					2,048,957.15
575660	40606802	11/17/2003	316.23					2,048,641.28
575420	40585870	10/22/2003	316.78					2,048,325.05
575000	40345026	1/3/2003	316.94					2,048,008.27
575620	40585868	10/22/2003	316.94					2,047,691.33
575000	40451586	5/15/2003	316.98					2,047,374.39
575000	40603926	11/13/2003	316.98					2,047,057.41
575420	40367475	1/31/2003	316.98					2,046,740.43
575420	40388863	2/28/2003	316.98					2,046,423.45
575420	40412259	3/27/2003	316.98					2,046,106.47
575420	40454231	5/19/2003	316.98					2,045,789.49
575420	40486711	6/25/2003	316.98					2,045,472.51
575420	40531321	8/19/2003	316.98					2,045,155.53
575420	40564296	9/29/2003	316.98					2,044,838.55
575320	40502431	7/16/2003	317.88					2,044,521.57
575420	40505972	7/21/2003	318.68					2,044,203.69
575000	40625405	12/8/2003	318.74					2,043,885.01
520100	40499432	7/11/2003	321.7					2,043,566.27
575000	40514407	7/30/2003	322.84					2,043,244.57
575625	40596395	11/5/2003	322.92					2,042,921.73
575000	40345017	1/3/2003	323.19					2,042,598.81
533000	40488293	6/26/2003	324					2,042,275.62
520100	40403124	3/18/2003	325					2,041,951.62
535000	40613463	11/24/2003	325					2,041,626.62
535000	40613463	11/24/2003	325					2,041,301.62
535000	40481187	6/19/2003	326.61					2,040,976.62
575000	40454226	5/19/2003	327.75					2,040,650.01
620000	40518888	8/5/2003	327.75					2,040,322.26
620000	40585885	10/22/2003	327.75					2,039,994.51
675000	40354510	1/15/2003	327.75					2,039,666.76
635000	40397969	3/11/2003	328.05					2,039,339.01
520100	40512565	7/29/2003	329.4					2,039,010.96
520100	40590218	10/28/2003	330					2,038,681.56
520100	40403236	3/18/2003	330.06					2,038,351.56
533000	40468193	6/4/2003	330.95					2,038,021.50
575250	40585912	10/22/2003	331.5					2,037,690.55
535001	40381804	2/20/2003	334.11					2,037,359.05
575000	40434979	4/24/2003	334.38					2,037,024.94
575000	40410332	3/26/2003	334.71					2,036,690.56
535000	40456062	5/20/2003	334.75					2,036,355.85
535000	40481593	6/19/2003	334.75					2,036,021.10
535000	40578344	10/14/2003	334.75					2,035,686.35
535000	40578513	10/14/2003	334.75					2,035,351.60
533000	40352506	1/13/2003	334.8					2,035,016.85



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535001	40345066	1/3/2003	334.8					2,034,682.05
535001	40346938	1/7/2003	334.8					2,034,347.25
520100	40428252	4/17/2003	336.58					2,034,012.45
575625	40566710	10/1/2003	337.18					2,033,675.87
535001	40603903	11/13/2003	338.09					2,033,338.69
575620	40432093	4/22/2003	338.14					2,033,000.60
535000	40518865	8/5/2003	338.25					2,032,662.46
535000	40355463	1/16/2003	340					2,032,324.21
535000	40603908	11/13/2003	340					2,031,984.21
575000	40408970	3/24/2003	340					2,031,644.21
520100	40616889	11/26/2003	340.72					2,031,304.21
575625	40432322	4/22/2003	341.41					2,030,963.49
535000	40381803	2/20/2003	342					2,030,622.08
535000	40381754	2/20/2003	342.06					2,030,280.08
520100	40371365	2/6/2003	343.82					2,029,938.02
535000	40354502	1/15/2003	344.7					2,029,594.20
535000	40384218	2/24/2003	344.7					2,029,249.50
535000	40410418	3/26/2003	344.7					2,028,904.80
575000	40616529	11/26/2003	345					2,028,560.10
575000	40486942	6/25/2003	347.5					2,028,215.10
575000	40549755	9/11/2003	347.59					2,027,867.60
535000	40585859	10/22/2003	348.1					2,027,520.01
535000	40613543	11/24/2003	348.1					2,027,171.91
575000	40578306	10/14/2003	348.72					2,026,823.81
575000	40510761	7/28/2003	349.02					2,026,475.09
575820	40536557	8/26/2003	349.2					2,026,126.07
535000	40514455	7/30/2003	350					2,025,776.87
535000	40532422	8/20/2003	350					2,025,426.87
575280	40359685	1/21/2003	350					2,025,076.87
575280	40460386	5/27/2003	350					2,024,726.87
675000	40403127	3/18/2003	350					2,024,376.87
535001	40613463	11/24/2003	350.02					2,024,026.87
535000	40434914	4/24/2003	351.5					2,023,676.85
535000	40454223	5/19/2003	351.5					2,023,325.35
535000	40518874	8/5/2003	351.5					2,022,973.85
535000	40531316	8/19/2003	351.5					2,022,622.35
535000	40564285	9/29/2003	351.5					2,022,270.85
575200	40486707	6/25/2003	351.5					2,021,919.35
533000	40444929	5/7/2003	352.5					2,021,567.85
575320	40446695	5/9/2003	356.6					2,021,215.35
535000	40430635	4/21/2003	357					2,020,858.75
575030	40410401	3/26/2003	357					2,020,501.75
535000	40521729	8/7/2003	357.5					2,020,144.75
535000	40580456	10/16/2003	357.5					2,019,787.25
535001	40623186	12/5/2003	357.98					2,019,429.75
535000	40506176	7/21/2003	358.65					2,019,071.77
575200	40412272	3/27/2003	359.1					2,018,713.12
575000	40549960	9/12/2003	359.84					2,018,354.02
535000	40449734	5/12/2003	360					2,017,994.18
635000	40398277	3/12/2003	360					2,017,634.18
535000	40345075	1/3/2003	360.72					2,017,274.18
535000	40451579	5/15/2003	362.1					2,016,913.46
504610	40590197	10/28/2003	362.94					2,016,551.36
535001	40367580	1/31/2003	365.93					2,016,188.42
535000	40444701	5/7/2003	366					2,015,822.49
520100	40499433	7/11/2003	369					2,015,456.49
575320	40564029	9/29/2003	372.45					2,015,087.49
535000	40375559	2/13/2003	372.5					2,014,715.04
575320	40488801	6/30/2003	373.74					2,014,342.54
520100	40352524	1/13/2003	373.75					2,013,968.80
535000	40486270	6/25/2003	374					2,013,595.05
520100	40468190	6/4/2003	374.6					2,013,221.05
535001	40346941	1/7/2003	376.65					2,012,846.45
535001	40613456	11/24/2003	377.86					2,012,469.80
504620	40358283	1/20/2003	378					2,012,091.94
535000	40381803	2/20/2003	378					2,011,713.94
504610	40435843	4/28/2003	378.22					2,011,335.94
575320	40463298	5/29/2003	378.65					2,010,957.72
535000	40467986	6/4/2003	380					2,010,579.07

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40611923	11/20/2003	380					2,010,199.07
575500	40346682	1/7/2003	380					2,009,819.07
575500	40369955	2/5/2003	380					2,009,439.07
504610	40627704	12/10/2003	380.78					2,009,059.07
575480	40471706	6/9/2003	383.01					2,008,678.29
504610	40382442	2/20/2003	383.02					2,008,295.28
575480	40398139	3/11/2003	384.49					2,007,912.26
575340	40367503	1/31/2003	385					2,007,527.77
520100	40432134	4/22/2003	385.3					2,007,142.77
575320	40537651	8/26/2003	386.72					2,006,757.47
675000	40362781	1/27/2003	388.08					2,006,370.75
535000	40425936	4/15/2003	390					2,005,982.67
535000	40448588	5/12/2003	390					2,005,592.67
535000	40542445	9/3/2003	390					2,005,202.67
535000	40547061	9/9/2003	390					2,004,812.67
535000	40568758	10/3/2003	390					2,004,422.67
575000	40547089	9/9/2003	390.09					2,004,032.67
535001	40432302	4/22/2003	390.6					2,003,642.58
535001	40585872	10/22/2003	390.6					2,003,251.98
575320	40512563	7/29/2003	390.85					2,002,861.38
520100	40401771	3/17/2003	391.43					2,002,470.53
535000	40603371	11/13/2003	392					2,002,079.10
575320	40591244	10/29/2003	392.2					2,001,687.10
504610	40606868	11/17/2003	392.37					2,001,294.90
635000	40549912	9/12/2003	392.5					2,000,902.53
535000	40375559	2/13/2003	396					2,000,510.03
575780	40506199	7/21/2003	396.45					2,000,114.03
575780	40506199	7/21/2003	396.45					1,999,717.58
520100	40444914	5/7/2003	396.66					1,999,321.13
575000	40377717	2/18/2003	398.13					1,998,924.47
575420	40518894	8/5/2003	398.4					1,998,526.34
620000	40346704	1/7/2003	399.8					1,998,127.94
575000	40392949	3/5/2003	399.96					1,997,728.14
575000	40592492	10/31/2003	400					1,997,328.18
575000	40606732	11/17/2003	400					1,996,928.18
620000	40556653	9/19/2003	400					1,996,528.18
635000	40456109	5/20/2003	400					1,996,128.18
535000	40444917	5/7/2003	400.05					1,995,728.18
575780	40456004	5/20/2003	400.68					1,995,328.13
575780	40456004	5/20/2003	400.68					1,994,927.45
575000	40580386	10/16/2003	400.92					1,994,526.77
620000	40455850	5/20/2003	401.85					1,994,125.85
575000	40587244	10/23/2003	401.91					1,993,724.00
520100	40387565	2/27/2003	402.19					1,993,322.09
575000	40468043	6/4/2003	403.13					1,992,919.90
575000	40388514	2/28/2003	404.32					1,992,516.77
575320	40348467	1/9/2003	404.41					1,992,112.45
535001	40564305	9/29/2003	404.55					1,991,708.04
575500	40352521	1/13/2003	405					1,991,303.49
575500	40409011	3/24/2003	405					1,990,898.49
575320	40414131	3/31/2003	405.31					1,990,493.49
535000	40355347	1/16/2003	405.7					1,990,088.18
535000	40367580	1/31/2003	405.71					1,989,682.48
535000	40470797	6/9/2003	406.25					1,989,276.77
575320	40437820	4/29/2003	406.35					1,988,870.52
575000	40613520	11/24/2003	408.1					1,988,464.17
520100	40590226	10/27/2003	410.4					1,988,056.07
675000	40595203	11/4/2003	410.4					1,987,645.67
575030	40566670	10/1/2003	415					1,987,235.27
535000	40611073	11/20/2003	416.4					1,986,820.27
520100	40397869	3/11/2003	416.94					1,986,403.87
520100	40401836	3/17/2003	417.69					1,985,986.93
575420	40415609	4/1/2003	417.69					1,985,569.24
675000	40381938	2/19/2003	419					1,985,151.55
533000	40371424	2/6/2003	420					1,984,732.55
535000	40536463	8/26/2003	420					1,984,312.55
575000	40610971	11/20/2003	420.66					1,983,892.55
575420	40514374	7/30/2003	420.76					1,983,471.89
535000	40566470	9/30/2003	422.5					1,983,051.13

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575420	40486728	6/25/2003	422.57					1,982,628.63
575350	40530208	8/18/2003	422.94					1,982,206.06
535000	40352534	1/13/2003	423.81					1,981,783.12
520100	40401745	3/17/2003	424.05					1,981,359.31
575660	40455874	5/20/2003	427.14					1,980,935.26
575480	40416296	4/2/2003	428.57					1,980,508.12
520100	40521814	8/7/2003	429.3					1,980,079.55
535001	40401764	3/17/2003	429.57					1,979,650.25
535001	40547060	9/9/2003	429.57					1,979,220.68
535000	40362031	1/23/2003	431					1,978,791.11
535000	40468022	6/4/2003	432					1,978,360.11
535000	40531260	8/19/2003	432					1,977,928.11
535001	40505646	7/21/2003	433.55					1,977,496.11
575000	40426070	4/15/2003	434.1					1,977,062.56
535001	40381826	2/20/2003	435.24					1,976,628.46
575002	40618290	12/1/2003	435.54					1,976,193.22
535001	40530587	8/19/2003	437.52					1,975,757.68
520100	40618343	12/1/2003	438.88					1,975,320.16
504610	40566689	10/1/2003	438.99					1,974,881.28
535000	40444683	5/7/2003	439.9					1,974,442.29
575000	40440110	5/1/2003	440.15					1,974,002.39
575620	40486723	6/25/2003	440.96					1,973,562.24
535001	40480995	6/19/2003	441.5					1,973,121.28
620000	40410495	3/26/2003	442.5					1,972,679.78
575320	40616893	11/26/2003	444.42					1,972,237.28
575620	40377774	2/18/2003	445.2					1,971,792.86
535001	40475256	6/12/2003	445.48					1,971,347.66
535001	40343413	1/2/2003	446.4					1,970,902.18
535001	40355414	1/16/2003	446.4					1,970,455.78
535001	40355439	1/16/2003	446.4					1,970,009.38
535001	40444665	5/7/2003	446.4					1,969,562.98
535001	40451568	5/15/2003	446.4					1,969,116.58
535001	40468140	6/4/2003	446.4					1,968,670.18
535001	40486939	6/25/2003	446.4					1,968,223.78
535001	40498587	7/11/2003	446.4					1,967,777.38
535001	40518867	8/5/2003	446.4					1,967,330.98
535001	40518872	8/5/2003	446.4					1,966,884.58
535001	40518879	8/5/2003	446.4					1,966,438.18
535001	40566739	10/1/2003	446.4					1,965,991.78
535000	40618028	12/1/2003	448.14					1,965,545.38
535000	40350729	1/10/2003	449.45					1,965,097.24
535001	40521748	8/7/2003	449.46					1,964,647.79
535000	40458751	5/22/2003	450					1,964,198.33
535000	40486731	6/25/2003	450					1,963,748.33
575000	40613448	11/24/2003	450					1,963,298.33
575280	40480791	6/19/2003	450					1,962,848.33
575200	40505675	7/21/2003	451.13					1,962,398.33
575820	40415548	4/1/2003	451.54					1,961,947.20
520100	40590222	10/27/2003	451.8					1,961,495.66
575480	40391698	3/4/2003	452.83					1,961,043.86
575000	40410350	3/26/2003	454					1,960,591.03
535000	40444716	5/7/2003	455					1,960,137.03
535000	40455875	5/20/2003	455					1,959,682.03
535000	40455875	5/20/2003	455					1,959,227.03
535000	40475256	6/12/2003	455					1,958,772.03
535000	40491210	7/1/2003	455					1,958,317.03
535000	40521729	8/7/2003	455					1,957,862.03
535000	40521748	8/7/2003	455					1,957,407.03
535000	40530587	8/19/2003	455					1,956,952.03
535000	40530609	8/19/2003	455					1,956,497.03
535000	40536576	8/26/2003	455					1,956,042.03
535000	40542445	9/3/2003	455					1,955,587.03
535000	40547061	9/9/2003	455					1,955,132.03
535000	40566470	9/30/2003	455					1,954,677.03
535000	40568758	10/3/2003	455					1,954,222.03
535000	40580451	10/16/2003	455					1,953,767.03
535000	40580452	10/16/2003	455					1,953,312.03
535000	40580451	10/16/2003	455					1,952,857.03
535000	40584769	10/22/2003	455					1,952,402.03

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40603883	11/13/2003	455					1,951,947.03
535000	40603903	11/13/2003	455					1,951,492.03
535000	40613456	11/24/2003	455					1,951,037.03
535000	40623186	12/5/2003	455					1,950,582.03
535001	40564303	9/29/2003	455.3					1,950,127.03
620000	40536783	8/26/2003	456.91					1,949,671.73
535001	40566470	9/30/2003	457.41					1,949,214.82
575000	40613535	11/24/2003	459.92					1,948,757.41
575000	40468047	6/4/2003	461.1					1,948,297.49
535001	40580456	10/16/2003	461.39					1,947,836.39
575320	40391696	3/4/2003	464					1,947,375.00
504610	40346851	1/7/2003	464.22					1,946,911.00
575320	40419655	4/7/2003	464.93					1,946,446.78
575280	40525446	8/12/2003	465					1,945,981.85
575000	40459377	5/22/2003	466.67					1,945,516.85
575320	40396521	3/10/2003	468.21					1,945,050.18
575280	40568459	10/2/2003	470					1,944,581.97
533000	40397868	3/11/2003	470.1					1,944,111.97
520100	40384088	2/24/2003	470.53					1,943,641.87
575620	40388775	2/28/2003	470.64					1,943,171.34
535000	40475394	6/12/2003	471					1,942,700.70
520100	40560705	9/24/2003	471.82					1,942,229.70
533000	40397867	3/11/2003	474.09					1,941,757.88
575320	40347913	1/8/2003	474.87					1,941,283.79
575420	40408958	3/24/2003	475.15					1,940,808.92
575420	40486928	6/25/2003	475.15					1,940,333.77
575420	40536793	8/26/2003	475.15					1,939,858.62
504610	40627703	12/10/2003	476.87					1,939,383.47
675000	40514401	7/30/2003	477					1,938,906.60
675000	40514404	7/30/2003	477					1,938,429.60
675000	40549959	9/12/2003	477					1,937,952.60
535001	40444658	5/7/2003	481.28					1,937,475.60
535000	40456131	5/20/2003	481.4					1,936,994.32
535001	40536576	8/26/2003	485.25					1,936,512.92
535001	40491210	7/1/2003	485.26					1,936,027.67
535000	40597746	11/6/2003	486					1,935,542.41
535000	40444716	5/7/2003	487.5					1,935,056.41
535000	40481010	6/19/2003	487.5					1,934,568.91
535001	40439864	5/1/2003	487.5					1,934,081.41
520100	40459544	5/22/2003	487.92					1,933,593.91
535001	40401835	3/17/2003	488.25					1,933,105.99
535001	40428277	4/17/2003	488.25					1,932,617.74
575625	40556672	9/19/2003	490.46					1,932,129.49
520100	40435836	4/28/2003	491.3					1,931,639.03
520100	40499431	7/11/2003	491.3					1,931,147.73
535001	40381754	2/20/2003	493.21					1,930,656.43
535001	40521729	8/7/2003	493.21					1,930,163.22
535000	40468220	6/4/2003	494					1,929,670.01
535000	40560747	9/24/2003	495					1,929,176.01
575280	40359686	1/21/2003	495					1,928,681.01
575342	40549754	9/11/2003	495					1,928,186.01
535001	40451574	5/15/2003	495.15					1,927,691.01
535001	40538529	8/27/2003	495.23					1,927,195.86
504610	40518863	8/5/2003	497.13					1,926,700.63
535001	40585824	10/22/2003	497.19					1,926,203.50
535000	40456097	5/20/2003	497.59					1,925,706.31
635000	40397970	3/11/2003	497.67					1,925,208.72
520100	40531577	8/20/2003	499.47					1,924,711.05
520100	40444569	5/7/2003	500					1,924,211.58
535000	40486737	6/25/2003	500					1,923,711.58
575000	40382773	2/24/2003	500					1,923,211.58
575030	40520457	8/6/2003	500					1,922,711.58
575270	40526554	8/13/2003	500					1,922,211.58
575270	40591760	10/30/2003	500					1,921,711.58
575270	40627458	12/10/2003	500					1,921,211.58
575270	40452922	5/16/2003	500					1,920,711.58
575280	40356606	1/17/2003	500					1,920,211.58
575280	40359659	1/21/2003	500					1,919,711.58
575280	40430816	4/21/2003	500					1,919,211.58

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
575280	40481366	6/19/2003	500					1,918,711.58
685430	40422924	4/11/2003	500					1,918,211.58
575200	40580401	10/16/2003	502.02					1,917,711.58
535001	40377732	2/18/2003	502.2					1,917,209.56
535001	40432299	4/22/2003	502.2					1,916,707.36
535001	40564288	9/29/2003	502.2					1,916,205.16
535001	40481010	6/19/2003	505.14					1,915,702.96
675000	40603897	11/13/2003	506.96					1,915,197.82
520100	40397978	3/11/2003	508.51					1,914,690.86
535000	40572714	10/8/2003	510					1,914,182.35
575480	40497613	7/10/2003	511.6					1,913,672.35
535001	40542445	9/3/2003	513.1					1,913,160.75
535001	40568758	10/3/2003	513.1					1,912,647.65
535001	40603883	11/13/2003	513.1					1,912,134.55
575320	40373863	2/11/2003	515.59					1,911,621.45
535001	40596385	11/5/2003	516.15					1,911,105.86
575000	40420349	4/8/2003	517.44					1,910,589.71
520100	40454240	5/19/2003	518.34					1,910,072.27
535000	40439864	5/1/2003	520					1,909,553.93
535000	40480995	6/19/2003	520					1,909,033.93
535000	40498197	7/10/2003	520					1,908,513.93
535000	40505504	7/21/2003	520					1,907,993.93
535000	40505646	7/21/2003	520					1,907,473.93
535000	40542445	9/3/2003	520					1,906,953.93
535000	40547060	9/9/2003	520					1,906,433.93
535000	40580456	10/16/2003	520					1,905,913.93
504620	40587481	10/23/2003	525					1,905,393.93
504620	40608353	11/18/2003	525					1,904,868.93
575000	40432185	4/22/2003	527.7					1,904,343.93
535001	40352639	1/13/2003	528.53					1,903,816.23
675000	40358343	1/20/2003	530					1,903,287.70
675000	40361384	1/23/2003	530					1,902,757.70
675000	40367499	1/31/2003	530					1,902,227.70
675000	40367597	1/31/2003	530					1,901,697.70
675000	40388757	2/28/2003	530					1,901,167.70
675000	40536788	8/26/2003	530					1,900,637.70
535001	40388873	2/28/2003	530.1					1,900,107.70
575000	40428262	4/17/2003	532.32					1,899,577.60
535001	40547061	9/9/2003	532.98					1,899,045.28
635000	40618360	12/1/2003	533					1,898,512.30
575000	40432165	4/22/2003	535					1,897,979.30
520100	40493924	7/7/2003	537.18					1,897,444.30
575500	40346682	1/7/2003	537.5					1,896,907.14
575500	40369955	2/5/2003	537.5					1,896,369.64
575500	40397864	3/11/2003	537.5					1,895,832.14
575500	40416334	4/2/2003	537.5					1,895,294.64
575500	40448859	5/12/2003	537.5					1,894,757.14
575500	40468260	6/4/2003	537.5					1,894,219.64
575500	40518398	8/4/2003	537.5					1,893,682.14
575500	40547058	9/9/2003	537.5					1,893,144.64
575500	40578196	10/14/2003	537.5					1,892,607.14
575500	40603907	11/13/2003	537.5					1,892,069.64
575500	40626680	12/9/2003	537.5					1,891,532.14
620000	40590201	10/28/2003	538.85					1,890,994.64
520100	40420250	4/8/2003	540					1,890,455.79
533000	40371413	2/6/2003	540.5					1,889,915.79
504610	40410395	3/26/2003	543.52					1,889,375.29
575660	40530641	8/19/2003	543.96					1,888,831.77
520100	40547088	9/9/2003	546.11					1,888,287.81
535000	40409020	3/24/2003	548.09					1,887,741.70
535001	40498197	7/10/2003	548.9					1,887,193.61
535001	40505504	7/21/2003	548.9					1,886,644.71
575000	40363750	1/27/2003	549.85					1,886,095.81
575000	40384066	2/24/2003	549.85					1,885,545.96
535000	40435851	4/28/2003	550					1,884,996.11
575000	40388667	2/28/2003	550					1,884,446.11
575000	40398133	3/11/2003	550					1,883,896.11
620000	40518385	8/4/2003	552.43					1,883,346.11
535000	40448588	5/12/2003	552.5					1,882,793.68

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
535000	40536576	8/26/2003	552.5					1,882,241.18
535000	40613463	11/24/2003	552.5					1,881,688.68
504620	40346012	1/6/2003	553					1,881,136.18
535000	40566686	10/1/2003	555.96					1,880,583.18
535000	40486715	6/25/2003	558					1,880,027.22
535001	40343419	1/2/2003	558					1,879,469.22
535001	40345062	1/3/2003	558					1,878,911.22
535001	40367427	1/31/2003	558					1,878,353.22
535001	40367429	1/31/2003	558					1,877,795.22
535001	40368389	2/3/2003	558					1,877,237.22
535001	40384206	2/24/2003	558					1,876,679.22
535001	40384210	2/24/2003	558					1,876,121.22
535001	40388872	2/28/2003	558					1,875,563.22
535001	40401833	3/17/2003	558					1,875,005.22
535001	40410420	3/26/2003	558					1,874,447.22
535001	40410450	3/26/2003	558					1,873,889.22
535001	40410453	3/26/2003	558					1,873,331.22
535001	40415560	4/1/2003	558					1,872,773.22
535001	40415611	4/1/2003	558					1,872,215.22
535001	40415614	4/1/2003	558					1,871,657.22
535001	40428278	4/17/2003	558					1,871,099.22
535001	40451570	5/15/2003	558					1,870,541.22
535001	40468139	6/4/2003	558					1,869,983.22
535001	40468246	6/4/2003	558					1,869,425.22
535001	40468250	6/4/2003	558					1,868,867.22
535001	40468251	6/4/2003	558					1,868,309.22
535001	40481398	6/19/2003	558					1,867,751.22
535001	40481408	6/19/2003	558					1,867,193.22
535001	40481428	6/19/2003	558					1,866,635.22
535001	40498592	7/11/2003	558					1,866,077.22
535001	40585834	10/22/2003	558					1,865,519.22
575200	40401838	3/17/2003	563.76					1,864,961.22
620000	40543959	9/4/2003	564.1					1,864,397.46
535000	40358359	1/20/2003	565.08					1,863,833.36
535001	40456126	5/20/2003	569.16					1,863,268.28
575250	40451552	5/15/2003	570.69					1,862,699.12
535000	40611113	11/20/2003	571					1,862,128.43
575480	40347921	1/8/2003	571.64					1,861,557.43
575200	40480657	6/19/2003	573.65					1,860,985.79
575030	40530191	8/18/2003	575					1,860,412.14
535000	40621146	12/3/2003	576					1,859,837.14
535000	40486931	6/25/2003	576.24					1,859,261.14
575000	40613445	11/24/2003	576.32					1,858,684.90
535001	40584769	10/22/2003	576.74					1,858,108.58
535000	40514519	7/30/2003	580.54					1,857,531.84
575000	40585928	10/22/2003	580.74					1,856,951.30
535000	40514625	7/30/2003	581.81					1,856,370.56
535000	40603371	11/13/2003	585					1,855,788.75
575000	40595199	11/4/2003	585.96					1,855,203.75
575480	40347911	1/8/2003	586.57					1,854,617.79
575002	40358346	1/20/2003	587.84					1,854,031.22
535001	40397927	3/11/2003	589.16					1,853,443.38
535001	40596386	11/5/2003	589.4					1,852,854.22
575480	40371366	2/6/2003	598.26					1,852,264.82
535000	40410381	3/26/2003	600					1,851,666.56
575030	40480638	6/19/2003	600					1,851,066.56
620000	40555670	9/18/2003	600					1,850,466.56
620000	40555670	9/18/2003	600					1,849,866.56
620000	40555670	9/18/2003	600					1,849,266.56
575480	40416573	4/2/2003	600.95					1,848,666.56
520100	40432305	4/22/2003	602.79					1,848,065.61
535001	40564291	9/29/2003	604.55					1,847,462.82
575780	40352653	1/13/2003	604.63					1,846,858.27
575780	40352653	1/13/2003	604.63					1,846,253.64
575250	40352503	1/13/2003	605					1,845,649.01
520100	40578284	10/14/2003	606.1					1,845,044.01
575320	40371362	2/6/2003	606.19					1,844,437.91
575000	40514435	7/30/2003	606.38					1,843,831.72
520100	40377793	2/18/2003	607.9					1,843,225.34

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days
				From	To			
520100	40509740	7/24/2003	608.22					1,842,617.44
535000	40439912	5/1/2003	610					1,842,009.22
575030	40430814	4/21/2003	610					1,841,399.22
575480	40591255	10/29/2003	610.11					1,840,789.22
520100	40468289	6/4/2003	614.08					1,840,179.11
575000	40596372	11/5/2003	615					1,839,565.03
575030	40505865	7/21/2003	615					1,838,950.03
535000	40622442	12/4/2003	616.13					1,838,335.03
520100	40410410	3/26/2003	618.5					1,837,718.90
535000	40622440	12/4/2003	620					1,837,100.40
520100	40606697	11/17/2003	620.4					1,836,480.40
520100	40514620	7/30/2003	623.4					1,835,860.00
535000	40549757	9/11/2003	625					1,835,236.60
575280	40547011	9/9/2003	625					1,834,611.60
535000	40583625	10/21/2003	626					1,833,986.60
520100	40420245	4/8/2003	630					1,833,360.60
535001	40355347	1/16/2003	631.2					1,832,730.60
520100	40486688	6/25/2003	631.4					1,832,099.40
535000	40433252	4/23/2003	632					1,831,468.00
535000	40622457	12/4/2003	640					1,830,836.00
535001	40451576	5/15/2003	641.4					1,830,196.00
575250	40352501	1/13/2003	642.5					1,829,554.60
575000	40580543	10/16/2003	646.8					1,828,912.10
575000	40595183	11/4/2003	646.8					1,828,265.30
520100	40388764	2/28/2003	649.33					1,827,618.50
535000	40475265	6/12/2003	650					1,826,969.17
535000	40621146	12/3/2003	654					1,826,319.17
533000	40397922	3/11/2003	660					1,825,665.17
575000	40434907	4/24/2003	660.29					1,825,005.17
520100	40578202	10/14/2003	660.37					1,824,344.88
575480	40471707	6/9/2003	660.51					1,823,684.51
575000	40530667	8/19/2003	662.66					1,823,024.00
575420	40538526	8/27/2003	668.49					1,822,361.34
520100	40412284	3/27/2003	668.83					1,821,692.85
535000	40549738	9/11/2003	671					1,821,024.02
520100	40432129	4/22/2003	671.4					1,820,353.02
575000	40398224	3/11/2003	672					1,819,681.62
535001	40417782	4/4/2003	672.22					1,819,009.62
535000	40521773	8/7/2003	674					1,818,337.40
535000	40562814	9/25/2003	675					1,817,663.40
575220	40356570	1/17/2003	675					1,816,988.40
535000	40536800	8/26/2003	675.15					1,816,313.40
535000	40572681	10/8/2003	676					1,815,638.25
535000	40572701	10/8/2003	676					1,814,962.25
535000	40578334	10/14/2003	676					1,814,286.25
535000	40590194	10/28/2003	676					1,813,610.25
535000	40593864	11/3/2003	676					1,812,934.25
535000	40603940	11/13/2003	676					1,812,258.25
535000	40611031	11/20/2003	676					1,811,582.25
535000	40613509	11/24/2003	676					1,810,906.25
535000	40618337	12/1/2003	676					1,810,230.25
535000	40627710	12/10/2003	676					1,809,554.25
535000	40453902	5/19/2003	677					1,808,878.25
520100	40536578	8/26/2003	681.76					1,808,201.25
535000	40371280	2/6/2003	684.04					1,807,519.49
535000	40616529	11/26/2003	691					1,806,835.45
535000	40367504	1/31/2003	691.48					1,806,144.45
575030	40351735	1/13/2003	696					1,805,452.97
504620	40587479	10/23/2003	700					1,804,756.97
504620	40596112	11/5/2003	700					1,804,056.97
533000	40412232	3/27/2003	700					1,803,356.97
575030	40359684	1/21/2003	700					1,802,656.97
575000	40347890	1/8/2003	700.28					1,801,956.97
575000	40595129	11/4/2003	703.3					1,801,256.69
535000	40534384	8/21/2003	703.35					1,800,553.39
535000	40629850	12/11/2003	705					1,799,850.04
535000	40359723	1/21/2003	705					1,799,145.04
535000	40343422	1/2/2003	706.35					1,798,440.04
535000	40345081	1/3/2003	706.35					1,797,733.69

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
535000	40382754	2/24/2003	706.35						1,797,027.34
535000	40384225	2/24/2003	706.35						1,796,320.99
535000	40392947	3/5/2003	706.35						1,795,614.64
535000	40397947	3/11/2003	706.35						1,794,908.29
535000	40401794	3/17/2003	706.35						1,794,201.94
535000	40410391	3/26/2003	706.35						1,793,495.59
535000	40410463	3/26/2003	706.35						1,792,789.24
535000	40415563	4/1/2003	706.35						1,792,082.89
535000	40428299	4/17/2003	706.35						1,791,376.54
535000	40435841	4/28/2003	706.35						1,790,670.19
535000	40444695	5/7/2003	706.35						1,789,963.84
535000	40448805	5/12/2003	706.35						1,789,257.49
535000	40459359	5/22/2003	706.35						1,788,551.14
535000	40460602	5/27/2003	706.35						1,787,844.79
535000	40460605	5/27/2003	706.35						1,787,138.44
535000	40470781	6/9/2003	706.35						1,786,432.09
535000	40475437	6/12/2003	706.35						1,785,725.74
535000	40514477	7/30/2003	706.35						1,785,019.39
535000	40534387	8/21/2003	706.35						1,784,313.04
535000	40542071	9/2/2003	706.35						1,783,606.69
535000	40542464	9/3/2003	706.35						1,782,900.34
575420	40388769	2/28/2003	711.18						1,782,193.99
575420	40448863	5/12/2003	711.18						1,781,482.81
535000	40381759	2/20/2003	714						1,780,771.63
504610	40590199	10/28/2003	714.35						1,780,057.63
575480	40620777	12/3/2003	719.73						1,779,343.28
535000	40410452	3/26/2003	720	3/7/2003	3/26/2003	9.50	9.50	6,840	1,778,623.55
535001	40355403	1/16/2003	722.32	12/28/2002	1/3/2003	3.00	16.00	11,557	1,777,903.55
520100	40456135	5/20/2003	722.38	4/30/2003	5/20/2003	10.00	10.00	7,224	1,777,181.23
535000	40509688	7/24/2003	723.08	6/13/2003	6/19/2003	3.00	38.00	27,477	1,776,458.85
535000	40491355	7/1/2003	728.66	5/30/2003	6/5/2003	3.00	29.00	21,131	1,775,735.77
535000	40367496	1/31/2003	733.43	1/10/2003	1/31/2003	10.50	10.50	7,701	1,775,007.11
535000	40518848	8/5/2003	737.95	7/11/2003	7/17/2003	3.00	22.00	16,235	1,774,273.68
535000	40448588	5/12/2003	739.81	4/29/2003	5/12/2003	6.50	6.50	4,809	1,773,535.73
535000	40514452	7/30/2003	739.82	6/20/2003	6/26/2003	3.00	37.00	27,373	1,772,795.92
575000	40547090	9/9/2003	746.25	6/10/2003	6/24/2003	7.00	84.00	62,685	1,772,056.10
535000	40439504	4/30/2003	747.5	4/6/2003	4/13/2003	3.50	20.50	15,324	1,771,309.85
535000	40360296	1/22/2003	748.93	1/10/2003	1/22/2003	6.00	6.00	4,494	1,770,562.35
535000	40444680	5/7/2003	748.93	4/1/2003	6/30/2003	45.00	(9.00)	(6,740)	1,769,813.42
575420	40455795	5/20/2003	752.6	5/5/2003	5/20/2003	7.50	7.50	5,645	1,769,064.49
575830	40346033	1/6/2003	753.32	11/25/2002	12/27/2002	16.00	26.00	19,586	1,768,311.89
535001	40531311	8/19/2003	755.15	7/20/2003	7/27/2003	3.50	26.50	20,011	1,767,558.57
575000	40346837	1/7/2003	757.99	11/13/2002	12/13/2002	15.00	40.00	30,320	1,766,803.42
535000	40439912	5/1/2003	764	4/14/2003	4/18/2003	2.00	15.00	11,460	1,766,045.43
575420	40486726	6/25/2003	764.66	5/31/2003	6/25/2003	12.50	12.50	9,558	1,765,281.43
575420	40486925	6/25/2003	764.74	5/31/2003	6/25/2003	12.50	12.50	9,559	1,764,516.77
575270	40445908	5/8/2003	766.63	4/25/2003	5/8/2003	6.50	6.50	4,983	1,763,752.03
535000	40491403	7/1/2003	767.7	6/6/2003	6/12/2003	3.00	22.00	16,889	1,762,985.40
575000	40621618	12/3/2003	775.04	10/20/2003	11/17/2003	14.00	30.00	23,251	1,762,217.70
575200	40355407	1/16/2003	776.58	9/1/2002	12/31/2002	60.50	76.50	59,408	1,761,442.66
535000	40425936	4/15/2003	780	3/25/2003	4/15/2003	10.50	10.50	8,190	1,760,666.08
535000	40426142	4/15/2003	780	3/23/2003	3/30/2003	3.50	19.50	15,210	1,759,886.08
575000	40583584	10/21/2003	780.4	9/1/2003	9/30/2003	14.50	35.50	27,704	1,759,106.08
575000	40415555	4/1/2003	780.55	2/26/2003	4/1/2003	17.00	17.00	13,269	1,758,325.68
575830	40371481	2/6/2003	786.99	12/27/2002	1/29/2003	16.50	24.50	19,281	1,757,545.13
504610	40566688	10/1/2003	789.34	8/29/2003	9/22/2003	12.00	21.00	16,576	1,756,758.14
535000	40518389	8/4/2003	789.9	7/1/2003	12/31/2003	91.50	(57.50)	(45,419)	1,755,968.80
535001	40439864	5/1/2003	795.5	3/30/2003	4/6/2003	3.50	28.50	22,672	1,755,178.90
535000	40538532	8/27/2003	796.2	8/18/2003	8/22/2003	2.00	7.00	5,573	1,754,383.40
535000	40389090	5/7/2003	800	2/2/2003	5/7/2003	47.00	47.00	37,600	1,753,587.20
575000	40444620	2/28/2003	800	3/13/2003	2/28/2003	(6.50)	(6.50)	(5,200)	1,752,787.20
575030	40480635	6/19/2003	800	5/19/2003	5/25/2003	3.00	28.00	22,400	1,751,987.20
575030	40531282	8/19/2003	800	6/30/2003	7/26/2003	13.00	37.00	29,600	1,751,187.20
575000	40518395	8/4/2003	807.64	7/16/2003	7/31/2003	7.50	11.50	9,288	1,750,387.20
575490	40364917	1/28/2003	808.47	1/27/2003	1/28/2003	0.50	0.50	404	1,749,579.56
535000	40355381	10/30/2003	810	1/6/2003	1/10/2003	2.00	295.00	238,950	1,748,771.09
535000	40355381	1/16/2003	810	1/6/2003	1/10/2003	2.00	8.00	6,480	1,747,961.09
575000	40543916	9/4/2003	811.3	7/20/2003	8/20/2003	15.50	30.50	24,745	1,747,151.09
535001	40410322	3/26/2003	811.41	3/2/2003	3/9/2003	3.50	20.50	16,634	1,746,339.79

79.54%



Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
535000	40622454	12/4/2003	815	11/25/2003	12/1/2003	3.00	6.00	4,890	1,745,528.38
535000	40572699	10/8/2003	816	9/25/2003	9/29/2003	2.00	11.00	8,976	1,744,713.38
533000	40514604	7/30/2003	826.01	6/10/2003	6/27/2003	8.50	41.50	34,279	1,743,897.38
575000	40369169	2/4/2003	826.55	1/9/2003	2/4/2003	13.00	13.00	10,745	1,743,071.37
575280	40444940	5/7/2003	827.79	3/3/2003	3/31/2003	14.00	51.00	42,217	1,742,244.82
504620	40611098	11/20/2003	828	10/15/2003	11/11/2003	13.50	22.50	18,630	1,741,417.03
520100	40432130	4/22/2003	830.5	2/1/2003	2/28/2003	13.50	66.50	55,228	1,740,589.03
520100	40432152	4/22/2003	833.32	3/6/2003	4/22/2003	23.50	23.50	19,583	1,739,758.53
520100	40401769	3/17/2003	845.02	2/24/2003	3/17/2003	10.50	10.50	8,873	1,738,925.21
535000	40510177	7/24/2003	845.88	6/27/2003	7/9/2003	6.00	21.00	17,763	1,738,080.19
535000	40468022	6/4/2003	848	5/19/2003	5/23/2003	2.00	14.00	11,872	1,737,234.31
575030	40584810	10/22/2003	850	9/1/2003	9/30/2003	14.50	36.50	31,025	1,736,386.31
575000	40443298	5/6/2003	851.2	3/30/2003	4/30/2003	15.50	21.50	18,301	1,735,536.31
535001	40362039	1/23/2003	854.75	12/30/2002	1/5/2003	3.00	21.00	17,950	1,734,685.11
535000	40521773	8/7/2003	855	7/25/2003	7/31/2003	3.00	10.00	8,550	1,733,830.36
535000	40425936	4/15/2003	867.09	3/25/2003	4/15/2003	10.50	10.50	9,104	1,732,975.36
575000	40473044	6/10/2003	870.8	4/20/2003	5/20/2003	15.00	36.00	31,349	1,732,108.27
575250	40522923	8/8/2003	873.19	6/5/2003	6/17/2003	6.00	58.00	50,645	1,731,237.47
535001	40618300	12/1/2003	875.75	11/2/2003	11/9/2003	3.50	25.50	22,332	1,730,364.28
575200	40430821	4/21/2003	881.88	3/1/2003	3/31/2003	15.00	36.00	31,748	1,729,488.53
575000	40372642	2/10/2003	884.1	12/20/2002	1/22/2003	16.50	35.50	31,386	1,728,606.65
575000	40597836	11/6/2003	886.62	9/20/2003	10/20/2003	15.00	32.00	28,372	1,727,722.55
575000	40410343	3/26/2003	890.08	1/27/2003	3/26/2003	29.00	29.00	25,812	1,726,835.93
535000	40425992	4/15/2003	892	3/31/2003	4/4/2003	2.00	13.00	11,596	1,725,945.85
575250	40498207	7/10/2003	900	5/15/2003	5/31/2003	8.00	48.00	43,200	1,725,053.85
535000	40603936	11/13/2003	904.8	10/31/2003	11/4/2003	2.00	11.00	9,953	1,724,153.85
535000	40580604	10/16/2003	905.94	9/16/2003	9/30/2003	7.00	23.00	20,837	1,723,249.05
575000	40419654	4/7/2003	908.74	2/20/2003	3/20/2003	14.00	32.00	29,080	1,722,343.11
575000	40574047	10/9/2003	917.84	8/20/2003	9/20/2003	15.50	34.50	31,665	1,721,434.37
575200	40455882	5/20/2003	921.1	4/1/2003	4/30/2003	14.50	34.50	31,778	1,720,516.53
575200	40505777	7/21/2003	923.97	6/1/2003	6/30/2003	14.50	35.50	32,801	1,719,595.43
535000	40475394	6/12/2003	936	6/6/2003	6/12/2003	3.00	3.00	2,808	1,718,671.46
575830	40371481	2/6/2003	937.18	12/27/2002	1/29/2003	16.50	24.50	22,961	1,717,735.46
575830	40397100	3/10/2003	938.18	1/29/2003	2/26/2003	14.00	26.00	24,393	1,716,798.28
535001	40345056	1/3/2003	939.6	12/13/2002	12/20/2002	3.50	17.50	16,443	1,715,860.10
575000	40394534	3/6/2003	943.67	1/20/2003	3/20/2003	29.50	15.50	14,627	1,714,920.50
575000	40518396	8/4/2003	950	7/5/2003	7/31/2003	13.00	17.00	16,150	1,713,976.83
575420	40381787	2/20/2003	950.93	1/20/2003	2/20/2003	15.50	15.50	14,739	1,713,026.83
575250	40426001	4/15/2003	960.88	3/18/2003	4/15/2003	14.00	14.00	13,452	1,712,075.90
535001	40475265	6/12/2003	966.53	5/11/2003	5/18/2003	3.50	28.50	27,546	1,711,115.02
575000	40496885	7/9/2003	967.96	5/20/2003	6/20/2003	15.50	34.50	33,395	1,710,148.49
575000	40539601	8/27/2003	970.5	8/18/2003	8/26/2003	4.00	5.00	4,853	1,709,180.53
535000	40505653	7/21/2003	984	7/4/2003	7/10/2003	3.00	14.00	13,776	1,708,210.03
533000	40488292	6/26/2003	987	5/28/2003	6/6/2003	4.50	24.50	24,182	1,707,226.03
535000	40382748	2/24/2003	988.76	1/28/2003	2/24/2003	13.50	13.50	13,348	1,706,239.03
575620	40566704	10/1/2003	995.18	8/26/2003	9/8/2003	6.50	29.50	29,358	1,705,250.27
535000	40337973	5/12/2003	1,000.00	12/1/2002	11/30/2003	182.00	(20.00)	(20,000)	1,704,255.09
535000	40363692	9/9/2003	1,000.00	1/23/2003	9/9/2003	114.50	114.50	114,500	1,703,255.09
575000	40410353	3/26/2003	1,000.00	3/3/2003	3/26/2003	11.50	11.50	11,500	1,702,255.09
575030	40449734	7/23/2003	1,000.00	4/27/2003	5/3/2003	3.00	84.00	84,000	1,701,255.09
575270	40452918	7/2/2003	1,000.00	1/1/2003	3/31/2003	44.50	137.50	137,500	1,700,255.09
575280	40509246	6/12/2003	1,000.00	5/31/2003	6/28/2003	14.00	(2.00)	(2,000)	1,699,255.09
575280	40547053	11/14/2003	1,000.00	8/22/2003	8/29/2003	3.50	80.50	80,500	1,698,255.09
575000	40547092	9/9/2003	1,003.03	7/11/2003	7/21/2003	5.00	55.00	55,167	1,697,255.09
575480	40398130	3/11/2003	1,013.74	1/16/2003	2/15/2003	15.00	39.00	39,536	1,696,252.06
535000	40430635	4/21/2003	1,014.50	4/6/2003	4/11/2003	2.50	12.50	12,681	1,695,238.32
535000	40455889	5/20/2003	1,026.00	4/27/2003	5/3/2003	3.00	20.00	20,520	1,694,223.82
535000	40344990	1/3/2003	1,033.00	12/16/2002	12/20/2002	2.00	16.00	16,528	1,693,197.82
575480	40446487	5/9/2003	1,044.49	3/27/2003	4/28/2003	16.00	27.00	28,201	1,692,164.82
575030	40410406	8/18/2003	1,050.00	2/1/2003	1/31/2004	182.00	16.00	16,800	1,691,120.33
575280	40530192	3/26/2003	1,050.00	7/1/2003	7/31/2003	15.00	(112.00)	(117,600)	1,690,070.33
575000	40468095	6/4/2003	1,062.00	5/23/2003	5/30/2003	3.50	8.50	9,027	1,689,020.33
575250	40367419	1/31/2003	1,064.20	12/10/2002	1/14/2003	17.50	34.50	36,715	1,687,958.33
535001	40470797	6/9/2003	1,065.97	4/27/2003	5/4/2003	3.50	39.50	42,106	1,686,894.13
575000	40448862	5/12/2003	1,075.31	4/13/2003	4/20/2003	3.50	25.50	27,420	1,685,828.16
535000	40530640	8/19/2003	1,080.00	8/5/2003	8/15/2003	5.00	9.00	9,720	1,684,752.85
535001	40486922	6/25/2003	1,082.40	5/25/2003	6/1/2003	3.50	27.50	29,766	1,683,672.85
504620	40610719	11/20/2003	1,084.90	9/28/2003	10/5/2003	3.50	49.50	53,703	1,682,590.45
575000	40481531	6/19/2003	1,093.92	5/30/2003	6/19/2003	10.00	10.00	10,939	1,681,505.55

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
535000	40585824	10/22/2003	1,105.00	10/5/2003	10/12/2003	3.50	13.50	14,918	1,680,411.63
575480	40446486	5/9/2003	1,125.91	3/27/2003	4/28/2003	16.00	27.00	30,400	1,679,306.63
575200	40628531	12/10/2003	1,126.60	11/1/2003	11/30/2003	14.50	24.50	27,602	1,678,180.72
535000	40345077	1/3/2003	1,130.00	1/1/2003	12/31/2003	182.00	(180.00)	(203,400)	1,677,054.12
575420	40611911	11/20/2003	1,132.83	11/14/2003	11/17/2003	1.50	4.50	5,098	1,675,924.12
535000	40480990	6/19/2003	1,134.00	6/13/2003	6/19/2003	3.00	3.00	3,402	1,674,791.29
535001	40377733	2/18/2003	1,134.88	1/20/2003	1/26/2003	3.00	26.00	29,507	1,673,657.29
575420	40460630	5/27/2003	1,150.85	5/16/2003	5/27/2003	5.50	5.50	6,330	1,672,522.41
535000	40562816	9/25/2003	1,153.80	8/26/2003	9/2/2003	3.50	26.50	30,576	1,671,371.56
575420	40609478	11/19/2003	1,155.51	9/27/2003	10/28/2003	15.50	37.50	43,332	1,670,217.76
520100	40514642	7/30/2003	1,158.70	6/25/2003	7/21/2003	13.00	22.00	25,491	1,669,062.25
575000	40410336	3/26/2003	1,160.00	2/24/2003	2/26/2003	1.00	29.00	33,640	1,667,903.55
575000	40428256	4/17/2003	1,164.24	3/16/2003	3/23/2003	3.50	28.50	33,181	1,666,743.55
575000	40505995	7/21/2003	1,164.24	6/8/2003	6/15/2003	3.50	39.50	45,987	1,665,579.31
535000	40460131	5/27/2003	1,171.00	5/9/2003	5/27/2003	9.00	9.00	10,539	1,664,415.07
535001	40355346	1/16/2003	1,180.21	12/15/2002	12/22/2002	3.50	28.50	33,636	1,663,244.07
575200	40455886	5/20/2003	1,180.56	4/1/2003	4/30/2003	14.50	34.50	40,729	1,662,063.86
535000	40357009	1/17/2003	1,188.83	12/23/2002	12/31/2002	4.00	21.00	24,965	1,660,883.30
535000	40598321	11/7/2003	1,190.13	7/28/2003	8/4/2003	3.50	98.50	117,228	1,659,694.47
575420	40498282	7/10/2003	1,190.98	5/28/2003	6/26/2003	14.50	28.50	33,943	1,658,504.34
520100	40359662	4/30/2003	1,200.00	1/1/2003	12/31/2003	182.00	(63.00)	(75,600)	1,657,313.36
575000	40410326	7/31/2003	1,200.00	1/1/2003	12/31/2003	182.00	29.00	34,800	1,656,113.36
575000	40439503	7/21/2003	1,200.00	3/5/2003	7/21/2003	69.00	69.00	82,800	1,654,913.36
575280	40505868	1/21/2003	1,200.00	7/1/2003	7/7/2003	3.00	(164.00)	(196,800)	1,653,713.36
535000	40509231	7/23/2003	1,204.00	7/11/2003	7/18/2003	3.50	8.50	10,234	1,652,513.36
575500	40549947	9/11/2003	1,215.00	3/1/2003	8/30/2003	91.00	104.00	126,360	1,651,309.36
535001	40377718	2/18/2003	1,219.66	1/13/2003	1/19/2003	3.00	33.00	40,249	1,650,094.36
575420	40556274	9/19/2003	1,227.51	7/26/2003	8/26/2003	15.50	39.50	48,487	1,648,874.70
535001	40367580	1/31/2003	1,229.53	1/5/2003	1/12/2003	3.50	22.50	27,664	1,647,647.19
535001	40381754	2/20/2003	1,239.39	1/20/2003	1/26/2003	3.00	28.00	34,703	1,646,417.66
535001	40350729	1/10/2003	1,249.25	12/1/2002	12/15/2002	7.00	33.00	41,225	1,645,178.27
575420	40422193	4/10/2003	1,252.36	2/27/2003	3/26/2003	13.50	28.50	35,692	1,643,929.02
535000	40518294	8/4/2003	1,253.00	7/18/2003	7/24/2003	3.00	14.00	17,542	1,642,676.66
575420	40476380	6/13/2003	1,253.60	4/26/2003	5/27/2003	15.50	32.50	40,742	1,641,423.66
535000	40628132	12/10/2003	1,254.24	9/17/2003	9/18/2003	0.50	83.50	104,729	1,640,170.06
535000	40460165	5/27/2003	1,256.00	5/9/2003	5/27/2003	9.00	9.00	11,304	1,638,915.82
535000	40401736	3/17/2003	1,272.50	3/1/2003	3/17/2003	8.00	8.00	10,180	1,637,659.82
575000	40486697	6/25/2003	1,285.53	5/25/2003	6/1/2003	3.50	27.50	35,352	1,636,387.32
533000	40352492	1/13/2003	1,289.19	12/18/2002	12/19/2002	0.50	25.50	32,874	1,635,101.79
575000	40569127	10/3/2003	1,293.60	9/7/2003	9/14/2003	3.50	22.50	29,106	1,633,812.60
575000	40520563	8/6/2003	1,298.95	6/20/2003	7/20/2003	15.00	32.00	41,566	1,632,519.00
575000	40460625	5/27/2003	1,305.73	4/20/2003	4/27/2003	3.50	33.50	43,742	1,631,220.05
504620	40623197	12/5/2003	1,312.00	9/22/2003	9/23/2003	0.50	73.50	96,432	1,629,914.32
575480	40620776	12/3/2003	1,319.56	10/17/2003	11/17/2003	15.50	31.50	41,566	1,628,602.32
535000	40360292	1/22/2003	1,320.00	1/1/2003	1/31/2003	15.00	6.00	7,920	1,627,282.76
535000	40377765	2/18/2003	1,320.00	1/1/2003	1/31/2003	15.00	33.00	43,560	1,625,962.76
575000	40460631	5/27/2003	1,329.99	4/27/2003	5/4/2003	3.50	26.50	35,245	1,624,642.76
575000	40444713	5/7/2003	1,336.06	4/6/2003	4/13/2003	3.50	27.50	36,742	1,623,312.77
533000	40563153	9/25/2003	1,339.50	8/21/2003	9/11/2003	10.50	24.50	32,818	1,621,976.71
575000	40486691	6/25/2003	1,342.12	5/18/2003	5/25/2003	3.50	34.50	46,303	1,620,637.21
575000	40488307	6/26/2003	1,342.12	6/1/2003	6/8/2003	3.50	21.50	28,856	1,619,295.09
575000	40468095	6/4/2003	1,348.00	5/23/2003	5/30/2003	3.50	8.50	11,458	1,617,952.97
535000	40458754	5/22/2003	1,350.00	4/10/2003	4/27/2003	8.50	33.50	45,225	1,616,604.97
535000	40542469	9/3/2003	1,350.00	6/7/2003	6/28/2003	10.50	77.50	104,625	1,615,254.97
535000	40572714	10/8/2003	1,350.00	6/7/2003	7/19/2003	21.00	102.00	137,700	1,613,904.97
535000	40603909	11/13/2003	1,350.00	8/4/2003	8/23/2003	9.50	91.50	123,525	1,612,554.97
575480	40395292	3/7/2003	1,359.94	1/28/2003	2/26/2003	14.50	23.50	31,959	1,611,204.97
575000	40432232	4/22/2003	1,383.36	3/23/2003	3/30/2003	3.50	26.50	36,659	1,609,845.03
575000	40448861	5/12/2003	1,384.15	3/31/2003	4/6/2003	3.00	39.00	53,982	1,608,461.67
575420	40618727	12/2/2003	1,386.24	10/25/2003	11/17/2003	11.50	26.50	36,735	1,607,077.52
575000	40591564	10/29/2003	1,390.00	10/8/2003	10/27/2003	9.50	11.50	15,985	1,605,691.28
675000	40470968	6/9/2003	1,390.64	5/4/2003	5/11/2003	3.50	32.50	45,196	1,604,301.28
535000	40578332	10/14/2003	1,397.49	9/30/2003	10/5/2003	2.50	11.50	16,071	1,602,910.64
535000	40448854	5/12/2003	1,405.82	4/15/2003	4/23/2003	4.00	23.00	32,334	1,601,513.15
575000	40481344	6/19/2003	1,423.09	5/11/2003	5/18/2003	3.50	35.50	50,520	1,600,107.33
535000	40486721	6/25/2003	1,444.48	6/3/2003	6/25/2003	11.00	11.00	15,889	1,598,684.24
575030	40560666	9/24/2003	1,448.76	8/27/2003	9/22/2003	13.00	15.00	21,731	1,597,239.76
575000	40435288	4/24/2003	1,452.76	4/14/2003	4/24/2003	5.00	5.00	7,264	1,595,791.00
575030	40577416	10/13/2003	1,461.78	9/17/2003	10/6/2003	9.50	16.50	24,119	1,594,338.24

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar	
				From	To				
575030	40595150	11/4/2003	1,461.78	9/17/2003	11/8/2003	26.00	22.00	32,159	1,592,876.46
575000	40481339	6/19/2003	1,462.03	5/4/2003	5/11/2003	3.50	42.50	62,136	1,591,414.68
535000	40486270	6/25/2003	1,473.00	6/19/2003	6/25/2003	3.00	3.00	4,419	1,589,952.65
535000	40497513	7/10/2003	1,490.00	6/18/2003	7/10/2003	11.00	11.00	16,390	1,588,479.65
575280	40363685	1/27/2003	1,500.00	1/23/2003	1/27/2003	2.00	2.00	3,000	1,586,989.65
575250	40367420	1/31/2003	1,511.30	12/30/2002	1/31/2003	16.00	16.00	24,181	1,585,489.65
575030	40591565	10/29/2003	1,512.50	10/6/2003	10/27/2003	10.50	12.50	18,906	1,583,978.35
535000	40505670	7/21/2003	1,515.50	7/2/2003	7/10/2003	4.00	15.00	22,733	1,582,465.85
575480	40348679	1/9/2003	1,531.68	11/22/2002	12/27/2002	17.50	30.50	46,716	1,580,950.35
535000	40531260	8/19/2003	1,537.87	8/8/2003	8/15/2003	3.50	7.50	11,534	1,579,418.67
575000	40580502	10/16/2003	1,560.46	9/14/2003	9/21/2003	3.50	28.50	44,473	1,577,880.80
504610	40585809	10/22/2003	1,560.60	9/29/2003	10/20/2003	10.50	12.50	19,508	1,576,320.34
575000	40568958	10/3/2003	1,563.16	8/31/2003	9/7/2003	3.50	29.50	46,113	1,574,759.74
535000	40590282	10/28/2003	1,570.00	9/11/2003	9/19/2003	4.00	43.00	67,510	1,573,196.58
535000	40595167	11/4/2003	1,570.00	10/10/2003	10/14/2003	2.00	23.00	36,110	1,571,626.58
535001	40566707	10/1/2003	1,573.46	8/31/2003	9/7/2003	3.50	27.50	43,270	1,570,056.58
575030	40566475	9/30/2003	1,575.00	8/6/2003	8/20/2003	7.00	48.00	75,600	1,568,483.12
535000	40449734	5/12/2003	1,583.00	4/27/2003	5/3/2003	3.00	12.00	18,996	1,566,908.12
575000	40530207	8/18/2003	1,584.00	6/30/2003	7/27/2003	13.50	35.50	56,232	1,565,325.12
575030	40560662	9/24/2003	1,584.00	8/14/2003	8/24/2003	5.00	36.00	57,024	1,563,741.12
535000	40498200	7/10/2003	1,592.00	7/3/2003	7/10/2003	3.50	3.50	5,572	1,562,157.12
535000	40547055	9/9/2003	1,600.00	5/3/2003	9/3/2003	61.50	67.50	108,000	1,560,565.12
575030	40560676	9/24/2003	1,600.00	7/28/2003	8/8/2003	5.50	52.50	84,000	1,558,965.12
533000	40514601	7/30/2003	1,601.00	6/17/2003	6/25/2003	4.00	39.00	62,439	1,557,365.12
535000	40486716	6/25/2003	1,618.00	6/1/2003	6/8/2003	3.50	20.50	33,169	1,555,764.12
575480	40373263	2/11/2003	1,618.37	12/27/2002	1/28/2003	16.00	30.00	48,551	1,554,146.12
533000	40488291	6/26/2003	1,622.50	5/19/2003	6/6/2003	9.00	29.00	47,053	1,552,527.75
575000	40384134	2/24/2003	1,635.00	3/1/2003	3/31/2003	15.00	(20.00)	(32,700)	1,550,905.25
575000	40410335	3/26/2003	1,635.00	4/1/2003	4/30/2003	14.50	(20.50)	(33,518)	1,549,270.25
575000	40435837	4/28/2003	1,635.00	5/1/2003	5/31/2003	15.00	(18.00)	(29,430)	1,547,635.25
575000	40460387	5/27/2003	1,635.00	6/1/2003	6/30/2003	14.50	(19.50)	(31,883)	1,546,000.25
575000	40488289	6/26/2003	1,635.00	7/1/2003	7/31/2003	15.00	(20.00)	(32,700)	1,544,365.25
575000	40509254	7/23/2003	1,635.00	8/1/2003	8/31/2003	15.00	(24.00)	(39,240)	1,542,730.25
575000	40537179	8/26/2003	1,635.00	9/1/2003	9/30/2003	14.50	(20.50)	(33,518)	1,541,095.25
575000	40595133	11/4/2003	1,635.00	10/1/2003	10/31/2003	15.00	19.00	31,065	1,539,460.25
575000	40595140	11/4/2003	1,635.00	11/1/2003	11/30/2003	14.50	(11.50)	(18,803)	1,537,825.25
520100	40595154	11/4/2003	1,636.10	8/28/2003	11/4/2003	34.00	34.00	55,627	1,536,190.25
535001	40564290	9/29/2003	1,642.85	8/17/2003	8/24/2003	3.50	39.50	64,893	1,534,554.15
575000	40352523	1/13/2003	1,647.80	12/20/2002	1/13/2003	12.00	12.00	19,774	1,532,911.30
575030	40384151	2/24/2003	1,651.79	2/18/2003	2/24/2003	3.00	3.00	4,955	1,531,263.50
535000	40536463	8/26/2003	1,669.00	8/15/2003	8/21/2003	3.00	8.00	13,352	1,529,611.71
535000	40368387	2/3/2003	1,675.03	1/21/2003	2/3/2003	6.50	6.50	10,888	1,527,942.71
575000	40536786	8/26/2003	1,689.77	8/3/2002	8/10/2003	186.00	202.00	341,334	1,526,267.68
535000	40493253	7/3/2003	1,694.00	6/19/2003	6/26/2003	3.50	10.50	17,787	1,524,577.91
575000	40430818	4/21/2003	1,700.00	4/1/2003	4/30/2003	14.50	5.50	9,350	1,522,883.91
575000	40435838	4/28/2003	1,700.00	5/1/2003	5/31/2003	15.00	(18.00)	(30,600)	1,521,183.91
575000	40460388	5/27/2003	1,700.00	6/1/2003	6/30/2003	14.50	(19.50)	(33,150)	1,519,483.91
575000	40488349	6/26/2003	1,700.00	7/1/2003	7/31/2003	15.00	(20.00)	(34,000)	1,517,783.91
575000	40509737	7/24/2003	1,700.00	8/1/2003	8/31/2003	15.00	(23.00)	(39,100)	1,516,083.91
575000	40539835	8/28/2003	1,700.00	9/1/2003	9/30/2003	14.50	(18.50)	(31,450)	1,514,383.91
575000	40595134	11/4/2003	1,700.00	10/1/2003	10/31/2003	15.00	19.00	32,300	1,512,683.91
575000	40595148	11/4/2003	1,700.00	11/1/2003	11/30/2003	14.50	(11.50)	(19,550)	1,510,983.91
575000	40613531	11/24/2003	1,700.00	12/1/2003	12/31/2003	15.00	(22.00)	(37,400)	1,509,283.91
575420	40577739	10/14/2003	1,702.97	8/27/2003	9/26/2003	15.00	33.00	56,198	1,507,583.91
575480	40418288	4/4/2003	1,712.74	2/26/2003	3/27/2003	14.50	22.50	38,537	1,505,880.94
575420	40402228	3/17/2003	1,726.50	1/28/2003	2/26/2003	14.50	33.50	57,838	1,504,168.20
535001	40518877	8/5/2003	1,734.96	6/29/2003	7/6/2003	3.50	33.50	58,121	1,502,441.70
535001	40603928	11/13/2003	1,747.13	10/19/2003	10/26/2003	3.50	21.50	37,563	1,500,706.74
535000	40480990	6/19/2003	1,758.00	6/13/2003	6/19/2003	3.00	3.00	5,274	1,498,959.61
535000	40355463	1/16/2003	1,760.00	10/1/2002	11/30/2002	30.00	77.00	135,520	1,497,201.61
575320	40399543	3/13/2003	1,761.25	1/30/2003	2/19/2003	10.00	32.00	56,360	1,495,441.61
533000	40539837	8/28/2003	1,762.90	8/7/2003	8/11/2003	2.00	19.00	33,495	1,493,680.36
575030	40480789	6/19/2003	1,775.00	5/14/2003	5/31/2003	8.50	27.50	48,813	1,491,917.46
575000	40530673	8/19/2003	1,791.87	4/1/2003	6/30/2003	45.00	95.00	170,228	1,490,142.46
520100	40629613	12/11/2003	1,798.70	10/1/2003	11/1/2003	20.50	50.50	90,834	1,488,350.59
535000	40603908	11/13/2003	1,800.00	9/2/2003	9/27/2003	12.50	59.50	107,100	1,486,551.89
575000	40509729	7/24/2003	1,801.31	6/22/2003	6/29/2003	3.50	28.50	51,337	1,484,751.89
535001	40564304	9/29/2003	1,803.64	9/7/2003	9/14/2003	3.50	18.50	33,367	1,482,950.58
520100	40514660	7/30/2003	1,805.70	6/30/2003	7/25/2003	12.50	17.50	31,600	1,481,146.94

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar	
				From	To				
535000	40518887	8/5/2003	1,820.25	7/23/2003	7/28/2003	2.50	10.50	19,113	1,479,341.24
575200	40381897	2/19/2003	1,839.87	1/1/2003	1/31/2003	15.00	34.00	62,556	1,477,520.99
575480	40348681	1/9/2003	1,859.82	11/22/2002	12/27/2002	17.50	30.50	56,725	1,475,681.12
534000	40481186	6/19/2003	1,878.12	5/28/2003	6/19/2003	11.00	11.00	20,659	1,473,821.30
575000	40499438	7/11/2003	1,890.00	6/15/2003	6/20/2003	2.50	23.50	44,415	1,471,943.18
575420	40585862	10/22/2003	1,894.22	10/6/2003	10/9/2003	1.50	14.50	27,466	1,470,053.18
575420	40559569	9/23/2003	1,897.81	6/27/2003	7/25/2003	14.00	74.00	140,438	1,468,158.96
575200	40608791	11/19/2003	1,897.90	10/1/2003	10/31/2003	15.00	34.00	64,529	1,466,261.15
575000	40530198	8/18/2003	1,902.70	7/24/2003	8/7/2003	7.00	18.00	34,249	1,464,363.25
575480	40395293	3/7/2003	1,906.58	1/28/2003	2/26/2003	14.50	23.50	44,805	1,462,460.55
575000	40468198	6/4/2003	1,906.72	1/1/2003	3/31/2003	44.50	109.50	208,786	1,460,553.97
535000	40531258	8/19/2003	1,908.00	8/1/2003	8/7/2003	3.00	15.00	28,620	1,458,647.25
575030	40499435	7/11/2003	1,920.20	5/31/2003	6/9/2003	4.50	36.50	70,087	1,456,739.25
533000	40444922	5/7/2003	1,922.32	2/25/2003	4/11/2003	22.50	48.50	93,233	1,454,819.05
533000	40352504	1/13/2003	1,924.00	12/4/2002	12/5/2002	0.50	39.50	75,998	1,452,896.73
575420	40455104	5/20/2003	1,942.40	3/27/2003	4/25/2003	14.50	39.50	76,725	1,450,972.73
575000	40371257	2/6/2003	1,950.35	12/17/2002	1/15/2003	14.50	36.50	71,188	1,449,030.33
575000	40556683	9/19/2003	1,952.53	8/24/2003	8/31/2003	3.50	22.50	43,932	1,447,079.98
535001	40518868	8/5/2003	1,955.88	6/22/2003	6/29/2003	3.50	40.50	79,213	1,445,127.45
575830	40346033	1/6/2003	1,961.87	11/25/2002	12/27/2002	16.00	26.00	51,009	1,443,171.57
504620	40349892	1/10/2003	1,963.00	10/23/2002	11/13/2002	10.50	68.50	134,466	1,441,209.70
535001	40498588	7/11/2003	1,972.45	6/8/2003	6/15/2003	3.50	29.50	58,187	1,439,246.70
535000	40560691	9/24/2003	1,976.66	9/11/2003	9/15/2003	2.00	11.00	21,743	1,437,274.25
575030	40505870	7/21/2003	1,980.00	5/26/2003	6/11/2003	8.00	48.00	95,040	1,435,297.59
535000	40455889	5/20/2003	1,994.00	4/27/2003	5/3/2003	3.00	20.00	39,880	1,433,317.59
575000	40402858	6/19/2003	2,000.00	3/12/2003	6/19/2003	49.50	49.50	99,000	1,431,323.59
575000	40451612	8/26/2003	2,000.00	5/12/2003	8/26/2003	53.00	53.00	106,000	1,429,323.59
575000	40481359	9/24/2003	2,000.00	5/25/2003	6/24/2003	15.00	107.00	214,000	1,427,323.59
575030	40537183	11/13/2003	2,000.00	4/25/2003	5/24/2003	14.50	187.50	375,000	1,425,323.59
575660	40560651	7/18/2003	2,000.00	8/25/2003	9/24/2003	15.00	(53.00)	(106,000)	1,423,323.59
575660	40584819	3/18/2003	2,000.00	9/25/2003	10/24/2003	14.50	(205.50)	(411,000)	1,421,323.59
575660	40603890	5/15/2003	2,000.00	10/25/2003	11/24/2003	15.00	(178.00)	(356,000)	1,419,323.59
575000	40549954	9/12/2003	2,001.05	8/17/2003	8/24/2003	3.50	22.50	45,024	1,417,323.59
535000	40410318	3/26/2003	2,020.00	3/15/2003	3/21/2003	3.00	8.00	16,160	1,415,322.54
535000	40518885	8/5/2003	2,021.09	7/13/2003	7/20/2003	3.50	19.50	39,411	1,413,302.54
520100	40398135	3/11/2003	2,022.00	2/12/2003	3/11/2003	13.50	13.50	27,297	1,411,281.45
575000	40359687	1/21/2003	2,035.00	12/25/2002	1/24/2003	15.00	12.00	24,420	1,409,259.45
535000	40397925	3/11/2003	2,039.06	2/18/2003	3/11/2003	10.50	10.50	21,410	1,407,224.45
535001	40498593	7/11/2003	2,068.50	6/15/2003	6/22/2003	3.50	22.50	46,541	1,405,185.39
535000	40471177	6/9/2003	2,070.00	5/21/2003	6/9/2003	9.50	9.50	19,665	1,403,116.89
535000	40475246	6/12/2003	2,075.00	5/30/2003	6/12/2003	6.50	6.50	13,488	1,401,046.89
575000	40409017	3/24/2003	2,083.92	10/1/2002	12/31/2002	45.50	128.50	267,784	1,398,971.89
575000	40542060	9/2/2003	2,098.07	8/10/2003	8/17/2003	3.50	19.50	40,912	1,396,887.97
575000	40506065	7/21/2003	2,129.83	6/15/2003	6/22/2003	3.50	32.50	69,219	1,394,789.90
535000	40491413	7/1/2003	2,140.00	5/5/2003	5/31/2003	13.00	44.00	94,160	1,392,660.07
535001	40536797	8/26/2003	2,144.70	7/26/2003	8/3/2003	4.00	27.00	57,907	1,390,520.07
535001	40538528	8/27/2003	2,148.00	8/10/2003	8/17/2003	3.50	13.50	28,998	1,388,375.37
575030	40530188	8/18/2003	2,150.00	7/2/2003	7/23/2003	10.50	36.50	78,475	1,386,227.37
575000	40514396	7/30/2003	2,166.78	6/28/2003	7/6/2003	4.00	28.00	60,670	1,384,077.37
575250	40397942	3/11/2003	2,170.20	1/9/2003	1/30/2002	(172.00)	233.00	505,657	1,381,910.59
575000	40397042	3/10/2003	2,176.00	2/22/2003	2/28/2003	3.00	13.00	28,288	1,379,740.39
535001	40518881	8/5/2003	2,184.46	7/6/2003	7/13/2003	3.50	26.50	57,888	1,377,564.39
535001	40566683	10/1/2003	2,186.98	8/24/2003	8/31/2003	3.50	34.50	75,451	1,375,379.93
535000	40387071	2/26/2003	2,189.50	2/16/2003	2/21/2003	2.50	7.50	16,421	1,373,192.95
575000	40455953	5/20/2003	2,191.10	4/11/2003	5/20/2003	19.50	19.50	42,726	1,371,003.45
535000	40439918	5/1/2003	2,195.00	4/21/2003	4/25/2003	2.00	8.00	17,560	1,368,812.35
575030	40435292	4/24/2003	2,201.70	4/9/2003	4/24/2003	7.50	7.50	16,513	1,366,617.35
535000	40613564	11/24/2003	2,216.51	10/25/2003	11/2/2003	4.00	26.00	57,629	1,364,415.65
535000	40578330	10/14/2003	2,220.29	9/30/2003	10/5/2003	2.50	11.50	25,533	1,362,199.14
535000	40536603	8/26/2003	2,250.00	6/1/2003	6/29/2003	14.00	72.00	162,000	1,359,978.85
575420	40566299	9/30/2003	2,254.16	8/26/2003	9/2/2003	3.50	31.50	71,006	1,357,728.85
575030	40509257	7/23/2003	2,284.10	6/30/2003	7/10/2003	5.00	18.00	41,114	1,355,474.69
575320	40415639	4/1/2003	2,288.02	2/19/2003	3/20/2003	14.50	26.50	60,633	1,353,190.59
535001	40566734	10/1/2003	2,302.04	9/14/2003	9/21/2003	3.50	13.50	31,078	1,350,902.57
575420	40598525	11/7/2003	2,306.35	10/28/2003	11/4/2003	3.50	6.50	14,991	1,348,600.53
535000	40530661	8/19/2003	2,310.00	7/23/2003	7/29/2003	3.00	24.00	55,440	1,346,294.18
575480	40373264	2/11/2003	2,320.87	12/27/2002	1/28/2003	16.00	30.00	69,626	1,343,984.18
575030	40530206	8/18/2003	2,340.00	6/9/2003	9/5/2003	44.00	26.00	60,840	1,341,663.31
575830	40417392	4/3/2003	2,345.46	2/26/2003	3/27/2003	14.50	21.50	50,427	1,339,323.31

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
575420	40502679	7/16/2003	2,351.19	6/30/2003	7/16/2003	8.00	8.00	18,810	1,336,977.85
575030	40480790	6/19/2003	2,376.00	5/19/2003	5/30/2003	5.50	25.50	60,588	1,334,626.66
575200	40367356	1/31/2003	2,385.37	11/1/2002	11/30/2002	14.50	76.50	182,481	1,332,250.66
535001	40536802	8/26/2003	2,386.50	8/3/2003	8/10/2003	3.50	19.50	46,537	1,329,865.29
535000	40408797	3/24/2003	2,396.00	3/8/2003	3/14/2003	3.00	13.00	31,148	1,327,478.79
535000	40569130	10/3/2003	2,435.00	8/1/2003	8/26/2003	12.50	50.50	122,968	1,325,082.79
535000	40425992	4/15/2003	2,442.50	3/31/2003	4/4/2003	2.00	13.00	31,753	1,322,647.79
575030	40566678	10/1/2003	2,445.00	7/28/2003	8/31/2003	17.00	48.00	117,360	1,320,205.29
535000	40467988	6/4/2003	2,456.00	4/2/2003	4/26/2003	12.00	51.00	125,256	1,317,760.29
575000	40611908	11/20/2003	2,465.00	11/3/2003	11/20/2003	8.50	8.50	20,953	1,315,304.29
575200	40560645	9/24/2003	2,483.67	8/29/2003	9/24/2003	13.00	13.00	32,288	1,312,839.29
575250	40491207	7/1/2003	2,484.60	6/21/2003	6/24/2003	1.50	8.50	21,119	1,310,355.62
575320	40382268	2/20/2003	2,499.55	12/30/2002	1/30/2003	15.50	36.50	91,234	1,307,871.02
575320	40623449	12/5/2003	2,537.92	10/17/2003	11/17/2003	15.50	33.50	85,020	1,305,371.47
575000	40536633	8/26/2003	2,538.70	7/26/2003	8/3/2003	4.00	27.00	68,545	1,302,833.55
535001	40377797	2/18/2003	2,542.50	1/1/2003	1/15/2003	7.00	41.00	104,243	1,300,294.85
575000	40568765	10/3/2003	2,568.90	7/29/2003	9/22/2003	27.50	38.50	98,903	1,297,752.35
575420	40526178	8/13/2003	2,642.29	7/28/2003	8/11/2003	7.00	9.00	23,781	1,295,183.45
575320	40355382	1/16/2003	2,648.90	11/26/2002	12/30/2002	17.00	34.00	90,063	1,292,541.16
533000	40371319	2/6/2003	2,660.00	12/30/2002	2/6/2003	19.00	19.00	50,540	1,289,892.26
535000	40460614	5/27/2003	2,672.03	5/13/2003	5/27/2003	7.00	7.00	18,704	1,287,232.26
575420	40455101	5/20/2003	2,718.94	4/28/2003	5/20/2003	11.00	11.00	29,908	1,284,560.23
575200	40358353	1/20/2003	2,722.85	12/1/2002	12/31/2002	15.00	35.00	95,300	1,281,841.29
575000	40346682	3/11/2003	2,764.00	1/1/2003	1/31/2003	15.00	54.00	149,256	1,279,118.44
575500	40369955	1/7/2003	2,764.00	1/1/2003	1/31/2003	15.00	(9.00)	(24,876)	1,276,354.44
575500	40397864	2/5/2003	2,764.00	2/1/2003	2/28/2003	13.50	(9.50)	(26,258)	1,273,590.44
575500	40416334	4/2/2003	2,764.00	4/1/2003	4/30/2003	14.50	(13.50)	(37,314)	1,270,826.44
575500	40448859	5/12/2003	2,764.00	5/1/2003	5/31/2003	15.00	(4.00)	(11,056)	1,268,062.44
575500	40468260	6/4/2003	2,764.00	6/1/2003	6/30/2003	14.50	(1150)	(31,786)	1,265,298.44
575500	40518398	8/4/2003	2,764.00	8/1/2003	8/31/2003	15.00	(12.00)	(33,168)	1,262,534.44
575500	40547058	9/9/2003	2,764.00	9/1/2003	9/30/2003	14.50	(6.50)	(17,966)	1,259,770.44
575500	40578196	10/14/2003	2,764.00	10/1/2003	10/31/2003	15.00	(2.00)	(5,528)	1,257,006.44
575500	40603907	11/13/2003	2,764.00	11/1/2003	11/30/2003	14.50	(2.50)	(6,910)	1,254,242.44
575500	40626680	12/9/2003	2,764.00	12/1/2003	12/31/2003	15.00	(7.00)	(19,348)	1,251,478.44
575200	40531249	8/19/2003	2,766.88	7/1/2003	7/31/2003	15.00	34.00	94,074	1,248,714.44
575030	40560673	9/24/2003	2,770.00	8/1/2003	8/29/2003	14.00	40.00	110,800	1,245,947.56
575320	40438481	4/30/2003	2,779.55	3/20/2003	4/21/2003	16.00	25.00	69,489	1,243,177.56
575030	40505619	7/21/2003	2,795.00	6/9/2003	9/5/2003	44.00	(2.00)	(5,590)	1,240,398.01
575000	40431966	4/22/2003	2,800.00	4/5/2003	5/4/2003	14.50	2.50	7,000	1,237,603.01
575000	40468184	6/4/2003	2,800.00	5/5/2003	6/4/2003	15.00	t5.00	42,000	1,234,803.01
575000	40392873	3/5/2003	2,835.00	12/25/2002	1/24/2003	15.00	55.00	155,925	1,232,003.01
575000	40410346	3/26/2003	2,835.00	2/25/2003	3/24/2003	13.50	15.50	43,943	1,229,168.01
575000	40430820	4/21/2003	2,835.00	3/25/2003	4/24/2003	15.00	12.00	34,020	1,226,333.01
575000	40451205	5/15/2003	2,835.00	4/25/2003	5/24/2003	14.50	5.50	15,593	1,223,498.01
575000	40481365	6/19/2003	2,835.00	5/25/2003	6/24/2003	15.00	10.00	28,350	1,220,663.01
575000	40509241	7/23/2003	2,835.00	6/25/2003	7/24/2003	14.50	13.50	38,273	1,217,828.01
575000	40531280	8/19/2003	2,835.00	7/25/2003	8/24/2003	15.00	10.00	28,350	1,214,993.01
575000	40595119	11/4/2003	2,835.00	9/25/2003	10/24/2003	14.50	25.50	72,293	1,212,158.01
575000	40595136	11/4/2003	2,835.00	8/25/2003	9/24/2003	15.00	56.00	158,760	1,209,323.01
575000	40613527	11/24/2003	2,835.00	10/25/2003	11/24/2003	15.00	15.00	42,525	1,206,488.01
520100	40426073	4/15/2003	2,854.00	4/4/2003	4/15/2003	5.50	5.50	15,697	1,203,653.01
575620	40628433	12/10/2003	2,890.47	11/21/2003	12/9/2003	9.00	10.00	28,905	1,200,799.01
535001	40531313	8/19/2003	2,892.33	7/20/2003	7/27/2003	3.50	26.50	76,647	1,197,908.54
575320	40471184	6/9/2003	2,892.65	4/21/2003	5/20/2003	14.50	34.50	99,796	1,195,016.21
575320	40595425	11/4/2003	2,901.43	9/18/2003	10/17/2003	14.50	32.50	94,296	1,192,123.56
535000	40401758	3/17/2003	3,020.00	3/1/2003	3/7/2003	3.00	13.00	39,260	1,189,222.13
535000	40416318	4/2/2003	3,048.50	3/24/2003	3/28/2003	2.00	7.00	21,340	1,186,202.13
575030	40359688	1/21/2003	3,056.00	12/1/2002	12/30/2002	14.50	36.50	111,544	1,183,153.63
575420	40424262	4/14/2003	3,070.99	4/3/2003	4/14/2003	5.50	5.50	16,890	1,180,097.63
575670	40346796	1/7/2003	3,086.87	7/15/2002	10/15/2002	46.00	130.00	401,293	1,177,026.64
575250	40536792	8/26/2003	3,090.00	5/5/2003	6/29/2003	27.50	85.50	264,195	1,173,939.77
533000	40563146	9/25/2003	3,126.70	9/16/2003	9/19/2003	1.50	7.50	23,450	1,170,849.77
535000	40595174	11/4/2003	3,135.00	6/10/2003	7/31/2003	25.50	121.50	380,903	1,167,723.07
535000	40563262	9/25/2003	3,148.88	8/29/2003	9/4/2003	3.00	24.00	75,573	1,164,588.07
504620	40538527	8/27/2003	3,181.00	7/5/2003	8/19/2003	22.50	30.50	97,021	1,161,439.19
575030	40531283	9/29/2003	3,200.00	6/30/2003	7/25/2003	12.50	78.50	251,200	1,158,258.19
575320	40541610	9/2/2003	3,231.63	7/21/2003	8/19/2003	14.50	28.50	92,101	1,155,058.19
533000	40415605	4/1/2003	3,257.23	2/28/2003	3/25/2003	12.50	19.50	63,516	1,151,826.56
575000	40531266	8/19/2003	3,258.26	7/20/2003	7/27/2003	3.50	26.50	86,344	1,148,569.33

KENTUCKY AMERICAN WATER COMPANY  
2003 LEAD/LAG STUDY

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
535000	40562824	9/25/2003	3,268.47	8/22/2003	8/28/2003	3.00	31.00	101,323	1,145,311.07
575000	40374029	2/11/2003	3,270.00	1/1/2003	2/28/2003	29.00	12.00	39,240	1,142,042.60
575030	40530190	8/18/2003	3,288.00	7/1/2003	7/18/2003	8.50	39.50	129,876	1,138,772.60
575320	40490285	7/1/2003	3,290.06	5/20/2003	6/19/2003	15.00	27.00	88,832	1,135,484.60
575320	40573046	10/8/2003	3,320.08	8/19/2003	9/18/2003	15.00	35.00	116,203	1,132,194.54
533000	40415580	4/1/2003	3,344.90	1/15/2003	3/14/2003	29.00	47.00	157,210	1,128,874.46
535000	40596384	11/5/2003	3,362.61	10/5/2003	10/12/2003	3.50	27.50	92,472	1,125,529.56
575420	40577761	10/14/2003	3,386.79	9/30/2003	10/22/2003	11.00	3.00	10,160	1,122,166.95
575250	40415604	4/1/2003	3,393.40	2/18/2003	3/10/2003	10.00	32.00	108,589	1,118,780.16
535000	40603916	11/13/2003	3,395.00	10/1/2003	10/29/2003	14.00	29.00	98,455	1,115,386.76
575000	40514435	7/30/2003	3,403.82	7/6/2003	7/13/2003	3.50	20.50	69,778	1,111,991.76
575500	40497518	7/10/2003	3,436.50	7/1/2003	7/31/2003	15.00	(6.00)	(20,619)	1,108,587.94
535000	40566700	10/1/2003	3,443.79	9/1/2003	9/15/2003	7.00	23.00	79,207	1,105,151.44
535000	40359720	1/21/2003	3,480.00	12/15/2002	12/30/2002	7.50	29.50	102,660	1,101,707.65
575000	40416326	4/2/2003	3,480.00	3/19/2003	4/15/2003	13.50	0.50	1,740	1,098,227.65
575000	40416293	4/2/2003	3,510.30	2/19/2003	3/18/2003	13.50	28.50	100,044	1,094,747.65
575000	40530657	8/19/2003	3,516.65	7/13/2003	7/20/2003	3.50	33.50	117,808	1,091,237.35
575030	40505621	7/21/2003	3,540.00	6/3/2003	6/26/2003	11.50	36.50	129,210	1,087,720.70
575830	40451185	5/15/2003	3,556.32	3/27/2003	4/28/2003	16.00	33.00	117,359	1,084,180.70
535000	40498222	7/10/2003	3,590.00	5/1/2003	5/28/2003	13.50	56.50	202,835	1,080,624.38
575320	40519716	8/6/2003	3,648.89	6/19/2003	7/21/2003	16.00	32.00	116,764	1,077,034.38
520100	40401743	3/17/2003	3,694.83	2/17/2003	3/17/2003	14.00	14.00	51,728	1,073,385.49
535000	40618305	12/1/2003	3,748.64	11/12/2003	11/17/2003	2.50	16.50	61,853	1,069,690.66
575000	40439881	5/1/2003	3,750.00	2/19/2003	4/7/2003	23.50	47.50	178,125	1,065,942.02
575000	40431965	4/22/2003	3,780.00	4/1/2003	4/22/2003	10.50	10.50	39,690	1,062,192.02
535001	40585837	10/22/2003	3,801.39	9/21/2003	9/28/2003	3.50	27.50	104,538	1,058,412.02
575320	40347910	1/8/2003	3,810.53	11/26/2002	12/30/2002	17.00	26.00	99,074	1,054,610.63
575000	40568781	10/3/2003	3,828.56	8/8/2003	9/11/2003	17.00	39.00	149,314	1,050,800.10
520100	40481396	6/19/2003	3,883.04	5/21/2003	6/19/2003	14.50	14.50	56,304	1,046,971.54
575030	40509251	7/23/2003	4,000.00	5/26/2003	6/27/2003	16.00	42.00	168,000	1,043,088.50
535001	40585881	10/22/2003	4,024.04	9/28/2003	10/5/2003	3.50	20.50	82,493	1,039,088.50
575420	40473756	6/11/2003	4,030.34	5/24/2003	6/11/2003	9.00	9.00	36,273	1,035,064.46
535000	40562815	9/25/2003	4,111.65	8/26/2003	9/2/2003	3.50	26.50	108,959	1,031,034.12
575000	40384137	2/24/2003	4,250.60	2/10/2003	2/24/2003	7.00	7.00	29,754	1,026,922.47
535000	40603941	11/13/2003	4,338.48	10/16/2003	10/31/2003	7.50	20.50	88,939	1,022,671.87
533000	40539840	8/28/2003	4,357.77	7/19/2003	8/15/2003	13.50	26.50	115,481	1,018,333.39
535001	40417782	4/4/2003	4,387.50	3/1/2003	3/15/2003	7.00	27.00	118,463	1,013,975.62
575250	40367417	1/31/2003	4,485.00	12/11/2002	1/14/2003	17.00	34.00	152,490	1,009,588.12
535001	40596388	11/5/2003	4,705.55	10/12/2003	10/19/2003	3.50	20.50	96,464	1,005,103.12
535000	40455892	5/20/2003	4,800.00	3/24/2003	5/9/2003	23.00	34.00	163,200	1,000,397.57
535000	40455892	5/20/2003	4,800.00	3/24/2003	5/9/2003	23.00	34.00	163,200	995,597.57
535000	40629586	12/11/2003	4,839.21	11/16/2003	11/30/2003	7.00	18.00	87,106	990,797.57
533000	40539839	8/28/2003	4,841.10	7/15/2003	8/11/2003	13.50	30.50	147,654	985,958.36
575000	40623190	12/5/2003	5,076.00	11/25/2003	12/24/2003	14.50	(4.50)	(22,842)	981,117.26
575030	40505873	7/21/2003	5,112.00	6/2/2003	6/30/2003	14.00	35.00	178,920	976,041.26
535000	40455892	5/20/2003	5,350.00	3/24/2003	5/9/2003	23.00	34.00	181,900	970,929.26
535000	40455892	5/20/2003	5,350.00	3/24/2003	5/9/2003	23.00	34.00	181,900	965,579.26
535000	40622415	12/4/2003	5,619.22	11/1/2003	11/15/2003	7.00	26.00	146,100	960,229.26
535000	40500992	7/14/2003	5,671.47	6/16/2003	6/30/2003	7.00	21.00	119,101	954,610.04
535000	40498199	7/10/2003	5,721.00	7/1/2003	7/10/2003	4.50	4.50	25,745	948,938.57
535000	40499419	7/11/2003	5,774.74	6/1/2003	6/15/2003	7.00	33.00	190,566	943,217.57
535000	40603900	11/13/2003	5,820.00	11/3/2003	11/11/2003	4.00	6.00	34,920	937,442.83
535000	40560747	9/24/2003	5,984.79	8/16/2003	8/31/2003	7.50	31.50	188,521	931,622.83
535000	40514655	7/30/2003	6,113.61	7/1/2003	7/15/2003	7.00	22.00	134,499	925,638.04
535000	40432136	4/22/2003	6,270.74	3/16/2003	3/31/2003	7.50	29.50	184,987	919,524.43
535000	40514516	7/30/2003	6,549.48	6/16/2003	7/16/2003	15.00	29.00	189,935	913,253.69
535000	40481343	6/19/2003	6,573.90	5/1/2003	5/15/2003	7.00	42.00	276,104	906,704.21
535001	40458762	5/22/2003	6,588.94	4/16/2003	4/30/2003	7.00	29.00	191,079	900,130.31
535000	40539667	8/27/2003	6,616.43	8/1/2003	8/15/2003	7.00	19.00	125,712	893,541.37
575030	40595120	11/4/2003	6,715.78	9/19/2003	9/26/2003	3.50	42.50	285,421	886,924.94
575030	40392999	3/5/2003	6,725.70	12/16/2002	3/5/2003	39.50	39.50	265,665	880,209.16
535000	40562822	9/25/2003	6,773.37	8/26/2003	9/2/2003	3.50	26.50	179,494	873,483.46
533000	40564269	9/29/2003	7,050.85	8/15/2003	9/12/2003	14.00	31.00	218,576	866,710.09
504620	40591545	10/29/2003	7,128.00	10/1/2003	10/15/2003	7.00	21.00	149,688	859,659.24
535000	40539666	8/27/2003	7,197.92	7/16/2003	7/31/2003	7.50	34.50	248,328	852,531.24
575000	40412222	3/27/2003	7,235.00	3/24/2003	3/27/2003	1.50	1.50	10,853	845,333.32
504620	40591548	10/29/2003	7,290.00	10/1/2003	10/16/2003	7.50	20.50	149,445	838,098.32
575250	40397940	3/11/2003	7,456.43	1/21/2003	2/12/2003	11.00	38.00	283,344	830,808.32
575790	40494281	7/7/2003	7,495.51	6/1/2003	6/30/2003	14.50	21.50	161,153	823,351.89

Other Oper Exp

Obj Acct	Document Number	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Days	
				From	To				
575250	40488296	6/26/2003	7,974.00	5/15/2003	6/12/2003	14.00	28.00	223,272	815,856.38
575000	40409013	3/24/2003	8,855.00	3/4/2003	3/24/2003	10.00	10.00	88,550	807,882.38
575250	40397939	3/11/2003	10,025.05	2/20/2003	3/11/2003	9.50	9.50	95,238	799,027.38
535000	40611019	11/20/2003	10,140.38	10/28/2003	11/3/2003	3.00	20.00	202,808	789,002.33
533000	40585891	10/22/2003	10,251.61	9/8/2003	10/13/2003	17.50	26.50	271,668	778,861.95
575250	40352498	1/13/2003	10,323.71	11/22/2002	12/29/2002	18.50	33.50	345,844	768,610.34
575030	40499436	7/11/2003	11,893.70	5/31/2003	6/9/2003	4.50	36.50	434,120	758,286.63
533000	40622421	12/4/2003	14,366.05	10/15/2003	11/14/2003	15.00	35.00	502,812	746,392.93
675650	40440112	5/1/2003	17,603.75	4/15/2003	4/16/2003	0.50	15.50	272,858	732,026.88
533000	40397944	3/11/2003	19,767.98	1/17/2003	2/19/2003	16.50	36.50	721,531	714,423.13
575244	40411108	3/26/2003	19,798.80	1/1/2003	12/31/2003	182.00	(98.00)	(1,940,282)	694,655.15
575250	40468196	6/4/2003	28,540.17	4/15/2003	5/15/2003	15.00	35.00	998,906	674,856.35
575250	40563149	9/25/2003	32,530.28	8/5/2003	9/15/2003	20.50	30.50	992,174	646,316.18
575250	40585901	10/22/2003	35,095.42	9/5/2003	10/15/2003	20.00	27.00	947,576	613,785.90
575250	40530209	8/18/2003	54,314.52	8/6/2003	8/14/2003	4.00	8.00	434,516	578,690.48
575250	40444934	5/7/2003	57,796.19	4/10/2003	4/26/2003	8.00	19.00	1,098,128	524,375.96
535000	40391162	3/4/2003	57,920.00	2/25/2003	3/4/2003	3.50	3.50	202,720	466,579.77
575250	40415602	4/1/2003	61,055.51	2/6/2003	3/15/2003	18.50	35.50	2,167,471	408,659.77
575250	40603878	11/13/2003	66,377.14	10/6/2003	10/30/2003	12.00	26.00	1,725,806	347,604.26
575250	40539838	8/28/2003	69,965.46	7/12/2003	8/15/2003	17.00	30.00	2,098,964	281,227.12
575250	40488295	6/26/2003	80,729.42	4/1/2003	6/15/2003	37.50	48.50	3,915,377	211,261.66
575250	40514607	7/30/2003	130,532.24	6/7/2003	7/16/2003	19.50	33.50	4,372,830	130,532.24

2,236,055.09

1,778,623.55

43,462,270

**24.44**

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

<b>FUTA</b>
-------------

Obj Acct	Document	Check Date	Amount	Service Period		Avg Service Period	Lag (Lead)	Dollar Dvs	Percentage
				From	To				
236120	40367518	1/31/2003	139.67	10/1/2002	12/31/2002	46	77	10,685	
236120	40438328	4/29/2003	7,735.55	1/1/2003	3/31/2003	45	74	568,563	
236120	40514915	7/31/2003	98.72	4/1/2003	6/30/2003	45	76	7,503	
236120	40592362	10/30/2003	69.39	7/1/2003	9/30/2003	46	76	5,239	
236140	40361960	1/23/2003	97.29	10/1/2002	12/31/2002	46	69	6,664	
236140	40431917	4/20/2003	5,443.68	1/1/2003	3/31/2003	45	65	351,117	
236140	40507971	7/23/2003	147.85	4/1/2003	6/30/2003	45	68	10,054	
236140	40575967	10/13/2003	43.58	7/1/2003	9/30/2003	46	59	2,549	
			13,775.73					962,374	
									<b>69.86</b>

**Average Lag for FUTA**



KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

**SUTA**

Obj Acct	Document	Check Date	Amount	Service Period From To	Avg Service Period	Lag (Lead)	Dollar Days	Percentage
236140	40361960	1/23/2003	97.29	9/1/2002 12/31/2002	60.50	84	8,124	
236140	40431917	5/1/2003	5,443.68	1/1/2003 3/31/2003	44.50	76	410,998	
236140	40507971	7/16/2003	147.85	4/1/2003 6/30/2003	45.00	61	9,019	
236140	40575967	10/14/2003	43.58	7/1/2003 9/30/2003	45.50	60	2,593	
			<u>5,732.40</u>				<u>430,734</u>	

**Average Lag for SUTA**

**75.14**

KENTUCKY AMERICAN WATER  
2003 LEAD/LAG STUDY

FICA

Obj	Document	Check Date	Amount	Service Period		Avg Service Period	Lag	Dollar	Days	Percentage
				From	To					
236130	40351046	1/11/2003	19,285.14	12/23/2002	1/6/2003	7.00	12	231,422		
236130	40357035	1/17/2003	20,111.42	12/30/2002	1/13/2003	7.00	11	221,226		
236130	40364713	1/28/2003	13,578.62	1/6/2003	1/20/2003	7.00	15	203,679		
236130	40371883	2/6/2003	19,017.11	1/13/2003	1/27/2003	7.00	17	323,291		
236130	40382632	2/18/2003	18,731.42	1/27/2003	2/10/2003	7.00	15	280,971		
236130	40394725	3/5/2003	17,525.57	2/10/2003	2/24/2003	7.00	16	280,409		
236130	40406285	3/18/2003	18,135.92	2/24/2003	3/10/2003	7.00	15	272,039		
236130	40418352	4/1/2003	17,529.89	3/10/2003	3/24/2003	7.00	15	262,948		
236130	40428963	4/15/2003	18,299.94	3/24/2003	4/7/2003	7.00	15	274,499		
236130	40440602	4/29/2003	18,061.87	4/7/2003	4/21/2003	7.00	15	270,928		
236130	40452473	5/13/2003	18,027.86	4/21/2003	5/5/2003	7.00	15	270,418		
236130	40463962	5/27/2003	17,907.90	5/5/2003	5/19/2003	7.00	15	268,619		
236130	40476935	6/10/2003	18,563.65	5/19/2003	6/2/2003	7.00	15	278,455		
236130	40488738	6/24/2003	18,335.32	6/2/2003	6/16/2003	7.00	15	275,030		
236130	40498912	7/9/2003	19,267.08	6/16/2003	6/30/2003	7.00	16	308,273		
236130	40510729	7/22/2003	18,463.08	6/30/2003	7/14/2003	7.00	15	276,946		
236130	40522935	8/5/2003	18,304.17	7/14/2003	7/28/2003	7.00	15	274,563		
236130	40534420	8/22/2003	18,675.43	7/28/2003	8/11/2003	7.00	18	336,158		
236130	40545122	9/2/2003	18,243.19	8/11/2003	8/25/2003	7.00	15	273,648		
236130	40556234	9/16/2003	18,573.38	8/25/2003	9/8/2003	7.00	15	278,601		
236130	40569158	9/30/2003	18,289.08	9/8/2003	9/22/2003	7.00	15	274,336		
236130	40580923	10/14/2003	18,661.02	9/22/2003	10/6/2003	7.00	15	279,915		
236130	40592538	10/28/2003	18,056.87	10/6/2003	10/20/2003	7.00	15	270,853		
236130	40597913	11/6/2003	8.03	10/6/2003	10/20/2003	7.00	24	193		
236130	40603734	11/11/2003	22,909.92	10/20/2003	11/3/2003	7.00	15	343,649		
236130	40617069	11/26/2003	17,812.29	11/3/2003	11/17/2003	7.00	16	284,997		
236130	40623579	12/5/2003	10.53	11/3/2003	11/17/2003	7.00	25	263		
236130	40630237	12/11/2003	18,261.02	11/17/2003	12/1/2003	7.00	17	310,437		
			<u>478,646.72</u>					<u>7,226,766</u>		

Average Lag for FICA

15.00