

Solid Waste Fuel Surcharge Test Worksheet

INPUTS	Base Revenue	\$ 27,502,594
	Base Fuel Expense	\$ 1,236,385
	Base Fuel Index Period	January 31, 2008
	Billing Period	2
	Proposed Effective Date	August 1, 2008

OUTPUTS	Current Fuel Index	\$ 4.5023
	Allowable Fuel Surcharge	1.39%

Line
No.

1	1.	Using the appropriate base period information, calculate how much of total revenue was spent on fuel.	
2			
3			
4		Base Fuel Expense	\$ 1,236,385
5		Divided by Base Revenue	÷ \$ 27,502,594
6		Equals Base Fuel vs. Base Revenue Ratio	= <u>0.0450</u>
7		Multiplied By 100	x <u>100</u>
8		Equals Base Fuel Expense as % of Base Revenue	= <u>4.50%</u> % to 2 decimal pts.
9			
10	2.	Calculate the fuel index increase.	
11			
12		Current Fuel Index	\$ 4.5023
13		Minus Base Fuel Index	- \$ 2.9424
14		Equals Fuel Index Price Difference	= \$ <u>1.560</u>
15		Divided By Base Fuel Index (Line 13)	÷ \$ <u>2.942</u>
16		Equals Relative Fuel Index Price Difference	= <u>0.5302</u>
17		Multiplied By 100	x <u>100</u>
18		Equals Fuel Index Percent Increase	= <u>53.02%</u> % to 2 decimal pts.
19			
20	3.	Calculate amount of revenue increase needed to recover fuel price increases.	
21			
22		Base Fuel Expense as % of Base Revenue (Line 8)	<u>4.50%</u> % to 2 decimal pts.
23		Multiplied By Fuel Percent Price Increase (Line 18)	x <u>53.02%</u> % to 2 decimal pts.
24		Equals Fuel Index Increase as a % of Revenue	= <u>2.39%</u> % to 2 decimal pts.
25		Minus One Percentage Point	- <u>1.00%</u> % to 2 decimal pts.
26		Equals Allowable Fuel Increase as a % of Revenue	<u><u>1.39%</u></u> % to 2 decimal pts.
27			

Western (Twelve) CARRIAGE Index

Date	Forward	Index	Index	Index	No. of Months
16/2004	14797	0.9047	0.9050	0.9250	1
17/2004	15179	0.9047	0.9050	0.9250	2
18/2004	15047	0.9237	0.9050	0.9250	3
19/2004	15172	0.9052	0.9050	0.9250	
20/2004	15238	0.9788	0.9050	0.9250	
21/2004	15231	1.0481	0.9050	0.9250	
22/2004	16235	1.0526	0.9050	0.9250	
23/2004	16274	1.0824	0.9050	0.9250	
30/2004	17508	1.1728	0.9050	0.9250	
5/2005	21695	2.5428	0.9717	0.9550	
5/2005	20347	2.4080	0.9717	0.9550	
5/2005	20240	2.4673	0.9717	0.9550	
5/2005	20522	2.3225	0.9717	0.9550	
6/30/2005	20994	2.1717	0.9717	0.9550	
6/30/2005	20837	2.0570	0.9717	0.9550	
6/30/2005	20192	2.1922	0.9717	0.9550	
7/4/2005	22043	2.2664	0.9717	0.9582	
7/11/2005	20819	2.2240	0.9717	0.9582	
7/18/2005	22774	2.3156	0.9717	0.9582	
7/25/2005	31035	2.4268	0.9717	0.9582	
8/1/2005	31297	2.4718	0.9717	0.9582	
8/8/2005	33560	2.6981	0.9717	0.9582	
8/15/2005	33448	2.6981	0.9717	0.9582	
8/22/2005	33679	2.7100	0.9717	0.9582	
8/29/2005	33462	2.6913	0.9717	0.9582	
9/5/2005	30267	2.3988	0.9717	0.9582	
9/12/2005	29237	2.2988	0.9717	0.9582	
9/19/2005	26359	1.9780	0.9717	0.9582	
9/26/2005	23696	1.7116	0.9717	0.9582	
10/3/2005	23416	1.7388			
10/10/2005	24454	1.8268			
10/17/2005	24958	1.8888			
10/24/2005	24540	1.8483			
10/31/2005	24941	1.8881			
11/7/2005	24686	2.0298			
11/14/2005	23473	2.1303			
11/21/2005	24130	2.2645			
11/28/2005	20311	2.2224			
12/5/2005	20038	2.2944			
12/12/2005	20204	2.2118			
12/19/2005	20493	2.1984			
12/26/2005	27547	2.1468			
1/2/2006	26423	2.0261			
1/9/2006	25043	1.8992			
1/16/2006	25743	1.9483			
1/23/2006	22842	1.8789			
1/30/2006	23161	1.7115			
2/6/2006	20207	1.9988			
2/13/2006	20271	2.0290			
2/20/2006	25114	1.8281			
2/27/2006	25538	1.9473			
3/6/2006	25703	1.9857			
3/13/2006	25820	1.9783			
3/20/2006	25920	1.9862			
3/27/2006	26897	2.0811			
4/3/2006	27730	2.1657			
4/10/2006	27396	2.1356			
4/17/2006	27398	2.1654			
4/24/2006	28370	2.2283			
5/1/2006	27831	2.1748			
5/8/2006	27333	2.1254			
5/15/2006	27876	2.1584			
5/22/2006	28343	2.2298			
5/29/2006	28035	2.2117			
6/5/2006	28215	2.2104			
6/12/2006	27480	2.1111			
6/19/2006	27722	2.1473			
6/26/2006	27240	2.1069			
7/3/2006	27479	2.1134			
7/10/2006	28123	2.1639			
7/17/2006	28101	2.2381			
7/24/2006	29834	2.3583			
7/31/2006	30388	2.3871			
8/7/2006	29238	2.3173			
8/14/2006	29305	2.1697			
8/21/2006	28389	2.2383			
8/28/2006	29564	2.2287			
9/4/2006	28722	2.2587			
9/11/2006	29466	2.3281			
9/18/2006	29542	2.3217			
9/25/2006	29987	2.3683			
10/2/2006	30031	2.4446			
10/9/2006	30182	2.5082			
10/16/2006	30395	2.6039			
10/23/2006	30792	2.7063			
10/30/2006	30280	2.6017			
11/6/2006	30143	2.6981			
11/13/2006	34355	2.7789			
11/20/2006	34191	2.7818			
11/27/2006	34508	2.7899			
12/4/2006	31850	2.5046			
12/11/2006	31288	2.4948			
12/18/2006	32491	2.6099			
12/25/2006	32438	2.6081			
1/1/2007	32662	2.6430			
1/8/2007	31885	2.5382			
1/15/2007	30588	2.4621			
1/22/2007	30441	2.4246			
1/29/2007	31865	2.5583			
2/5/2007	32435	2.6183			
2/12/2007	33859	2.7439			
2/19/2007	33959	2.7859			
2/26/2007	33963	2.8872			
3/5/2007	33957	3.0878			
3/11/2007	36489	3.2325			
3/18/2007	33296	3.2653			
3/25/2007	38584	3.2315			
4/1/2007	39483	3.2114			
4/8/2007	40236	3.4188			
4/15/2007	41284	3.5616			
4/22/2007	42855	3.6524			
4/29/2007	42245	3.6825			
5/6/2007	42158	3.5682			
5/13/2007	44175	3.7308			
5/20/2007	45014	3.8875			
5/27/2007	47048	4.0484			
6/3/2007	45165	3.8882			
6/10/2007	46088	3.9520			
6/17/2007	45185	3.8523			
6/24/2007	46068	3.8583			
7/1/2007					
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2/23/2009					
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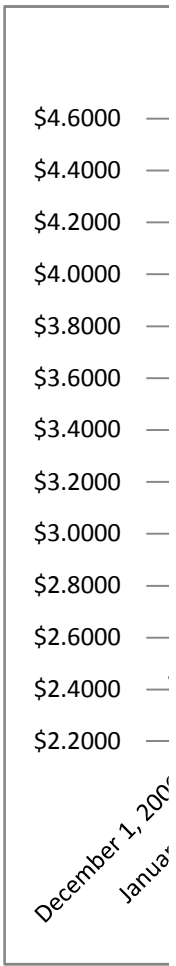
GARBAGE

AVERAGE OPIS DATA (Western Company) - Tacoma

Period Ending	1-Month	2-Month	3-Month	12-Month
January 31, 2004	1.51488	NA	NA	NA
February 28, 2004	1.61495	1.56491	NA	NA
March 31, 2004	1.65940	1.63718	1.59641	NA
April 30, 2004	1.82798	1.74369	1.70078	NA
May 31, 2004	2.06945	1.94871	1.85226	NA
June 30, 2004	1.84088	1.95522	1.91280	NA
July 31, 2004	1.95633	1.89865	1.95559	NA
August 31, 2004	1.88374	1.92003	1.89368	NA
September 30, 2004	1.96748	1.92561	1.93585	NA
October 31, 2004	2.24818	2.10783	2.03313	NA
November 30, 2004	2.08590	2.16704	2.10052	NA
December 31, 2004	1.81175	1.94883	2.04861	1.8734163
January 31, 2005	1.87553	1.84364	1.92439	1.9034704
February 28, 2005	2.20503	2.04026	1.96410	1.9528433
March 31, 2005	2.44946	2.32724	2.17667	2.0184817
April 30, 2005	2.46755	2.45851	2.37401	2.0717796
May 31, 2005	2.18762	2.32759	2.36821	2.0816271
June 30, 2005	2.21465	2.20129	2.29004	2.1127913
July 31, 2005	2.38860	2.30228	2.26406	2.1488975
August 31, 2005	2.63320	2.51140	2.41258	2.2113525
September 30, 2005	2.84188	2.73754	2.62156	2.2842192
October 31, 2005	3.10730	2.97459	2.86079	2.3558129
November 30, 2005	2.57062	2.83906	2.84000	2.3862229
December 31, 2005	2.34275	2.45679	2.67362	2.4404729
January 31, 2006	2.46056	2.40166	2.45804	2.4892258
February 28, 2006	2.38763	2.42409	2.39698	2.5044425
March 31, 2006	2.62010	2.50396	2.48943	2.5186625
April 30, 2006	2.75428	2.68719	2.58733	2.5425563
May 31, 2006	3.08356	2.91892	2.81931	2.6172179
June 30, 2006	2.81280	2.94818	2.88355	2.6670388
July 31, 2006	2.96928	2.89104	2.95521	2.7153450
August 31, 2006	3.28952	3.12940	3.02387	2.7700353
September 30, 2006	2.74645	3.01799	3.00175	2.7620863
October 31, 2006	2.44558	2.59602	2.82718	2.7068429
November 30, 2006	2.75955	2.60257	2.65053	2.7226704
December 31, 2006	2.82095	2.62025	2.67536	2.7625204
January 31, 2007	2.42424	2.62260	2.66525	2.7594938
February 28, 2007	2.57875	2.50150	2.60798	2.7754208
March 31, 2007	2.60825	2.59350	2.53708	2.7744333
April 30, 2007	2.78608	2.69716	2.65769	2.7770833
May 31, 2007	2.78976	2.78792	2.72803	2.7525997
June 30, 2007	2.76567	2.77771	2.78050	2.7486718
July 31, 2007	2.89649	2.83108	2.81730	2.7426060
August 31, 2007	2.84877	2.87263	2.83697	2.7058766
September 30, 2007	2.91718	2.88298	2.88748	2.7201045
October 31, 2007	3.22281	3.12000	3.02959	2.7932869
November 30, 2007	3.45495	3.38888	3.23165	2.8511571
December 31, 2007	3.19668	3.32582	3.32481	2.8824678
January 31, 2008	3.14284	3.16976	3.26482	2.9423511
February 28, 2008	3.40153	3.27208	3.24695	3.0108992
March 31, 2008	3.85366	3.81749	3.45928	3.1130166
April 30, 2008	4.11486	3.97426	3.78328	3.2237483
May 31, 2008	4.47611	4.29548	4.14154	3.3642775
June 30, 2008	4.52842	4.50226	4.37313	3.5111739
July 31, 2008	NA	NA	NA	NA
August 31, 2008	NA	NA	NA	NA
September 30, 2008	NA	NA	NA	NA
October 31, 2008	NA	NA	NA	NA
November 30, 2008	NA	NA	NA	NA
December 31, 2008	NA	NA	NA	NA
January 31, 2009	NA	NA	NA	NA
February 28, 2009	NA	NA	NA	NA
March 31, 2009	NA	NA	NA	NA
April 30, 2009	NA	NA	NA	NA
May 31, 2009	NA	NA	NA	NA
June 30, 2009	NA	NA	NA	NA
July 31, 2009	NA	NA	NA	NA
August 31, 2009	NA	NA	NA	NA
September 30, 2009	NA	NA	NA	NA
October 31, 2009	NA	NA	NA	NA
November 30, 2009	NA	NA	NA	NA
December 31, 2009	NA	NA	NA	NA
January 31, 2010	NA	NA	NA	NA
February 28, 2010	NA	NA	NA	NA
March 31, 2010	NA	NA	NA	NA
April 30, 2010	NA	NA	NA	NA
May 31, 2010	NA	NA	NA	NA
June 30, 2010	NA	NA	NA	NA
July 31, 2010	NA	NA	NA	NA
August 31, 2010	NA	NA	NA	NA
September 30, 2010	NA	NA	NA	NA
October 31, 2010	NA	NA	NA	NA
November 30, 2010	NA	NA	NA	NA
December 31, 2010	NA	NA	NA	NA
January 31, 2011	NA	NA	NA	NA
February 28, 2011	NA	NA	NA	NA
March 31, 2011	NA	NA	NA	NA
April 30, 2011	NA	NA	NA	NA
May 31, 2011	NA	NA	NA	NA
June 30, 2011	NA	NA	NA	NA
July 31, 2011	NA	NA	NA	NA
August 31, 2011	NA	NA	NA	NA
September 30, 2011	NA	NA	NA	NA
October 31, 2011	NA	NA	NA	NA
November 30, 2011	NA	NA	NA	NA
December 31, 2011	NA	NA	NA	NA
January 31, 2012	NA	NA	NA	NA
February 28, 2012	NA	NA	NA	NA
March 31, 2012	NA	NA	NA	NA
April 30, 2012	NA	NA	NA	NA
May 31, 2012	NA	NA	NA	NA
June 30, 2012	NA	NA	NA	NA
July 31, 2012	NA	NA	NA	NA
August 31, 2012	NA	NA	NA	NA
September 30, 2012	NA	NA	NA	NA
October 31, 2012	NA	NA	NA	NA
November 30, 2012	NA	NA	NA	NA
December 31, 2012	NA	NA	NA	NA
January 31, 2013	NA	NA	NA	NA
February 28, 2013	NA	NA	NA	NA
March 31, 2013	NA	NA	NA	NA
April 30, 2013	NA	NA	NA	NA
May 31, 2013	NA	NA	NA	NA
June 30, 2013	NA	NA	NA	NA
July 31, 2013	NA	NA	NA	NA
August 31, 2013	NA	NA	NA	NA
September 30, 2013	NA	NA	NA	NA
October 31, 2013	NA	NA	NA	NA
November 30, 2013	NA	NA	NA	NA
December 31, 2013	NA	NA	NA	NA
January 31, 2014	NA	NA	NA	NA
February 28, 2014	NA	NA	NA	NA
March 31, 2014	NA	NA	NA	NA
April 30, 2014	NA	NA	NA	NA
May 31, 2014	NA	NA	NA	NA
June 30, 2014	NA	NA	NA	NA
July 31, 2014	NA	NA	NA	NA

CURRENT FUEL INDEX (Western Company) - Tacoma

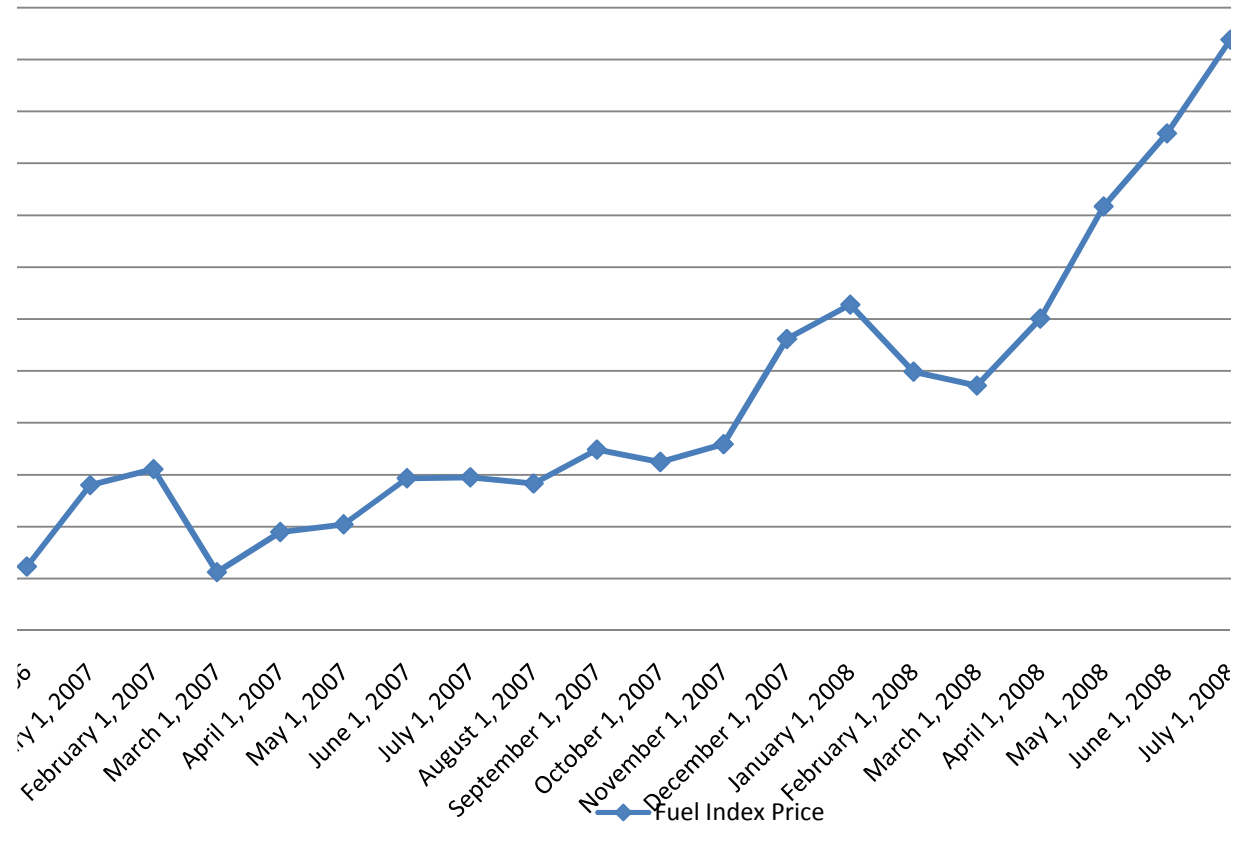
Proposed Effective Date	Billing Period			
	1-Month	2-Month	3-Month	
July 1, 2005	2.18762	2.32759	2.36821	
August 1, 2005	2.21495	2.20129	2.29004	
September 1, 2005	2.38960	2.30228	2.26406	
October 1, 2005	2.63320	2.51140	2.41258	\$4.6000 —
November 1, 2005	2.84188	2.73754	2.62156	
December 1, 2005	3.10730	2.97459	2.86079	\$4.4000 —
January 1, 2006	2.57082	2.83906	2.84000	\$4.2000 —
February 1, 2006	2.34275	2.45679	2.67362	
March 1, 2006	2.46056	2.40166	2.45804	\$4.0000 —
April 1, 2006	2.38763	2.42409	2.39698	
May 1, 2006	2.62010	2.50386	2.48943	\$3.8000 —
June 1, 2006	2.75428	2.68719	2.58733	\$3.6000 —
July 1, 2006	3.08356	2.91892	2.81931	\$3.4000 —
August 1, 2006	2.81280	2.94818	2.88355	
September 1, 2006	2.96928	2.89104	2.95521	\$3.2000 —
October 1, 2006	3.28952	3.12940	3.02387	\$3.0000 —
November 1, 2006	2.74645	3.01799	3.00175	
December 1, 2006	2.44558	2.59602	2.82718	\$2.8000 —
January 1, 2007	2.75955	2.60257	2.65053	
February 1, 2007	2.82095	2.79025	2.67536	\$2.6000 —
March 1, 2007	2.42424	2.62260	2.66825	\$2.4000 —
April 1, 2007	2.57875	2.50150	2.60798	
May 1, 2007	2.60825	2.59350	2.53708	\$2.2000 —
June 1, 2007	2.78608	2.69716	2.65769	
July 1, 2007	2.78976	2.78792	2.72803	
August 1, 2007	2.76567	2.77771	2.78050	
September 1, 2007	2.89649	2.83108	2.81730	
October 1, 2007	2.84877	2.87263	2.83697	
November 1, 2007	2.91718	2.88298	2.88748	
December 1, 2007	3.32281	3.12000	3.02959	
January 1, 2008	3.45495	3.38888	3.23165	
February 1, 2008	3.19668	3.32582	3.32481	
March 1, 2008	3.14284	3.16976	3.26482	
April 1, 2008	3.40133	3.27208	3.24695	
May 1, 2008	3.83366	3.61749	3.45928	
June 1, 2008	4.11486	3.97426	3.78328	
July 1, 2008	4.47611	4.29548	4.14154	
August 1, 2008	4.52842	4.50226	4.37313	
September 1, 2008	NA	NA	NA	
October 1, 2008	NA	NA	NA	
November 1, 2008	NA	NA	NA	
December 1, 2008	NA	NA	NA	
January 1, 2009	NA	NA	NA	
February 1, 2009	NA	NA	NA	
March 1, 2009	NA	NA	NA	

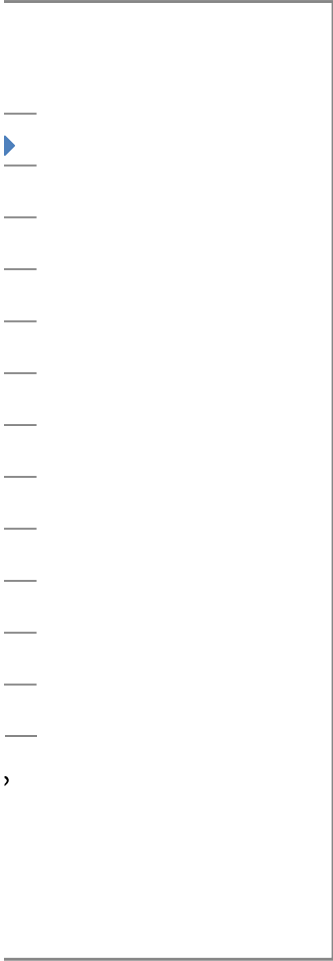


April 1, 2009	NA	NA	NA
May 1, 2009	NA	NA	NA
June 1, 2009	NA	NA	NA
July 1, 2009	NA	NA	NA
August 1, 2009	NA	NA	NA
September 1, 2009	NA	NA	NA
October 1, 2009	NA	NA	NA
November 1, 2009	NA	NA	NA
December 1, 2009	NA	NA	NA
January 1, 2010	NA	NA	NA
February 1, 2010	NA	NA	NA
March 1, 2010	NA	NA	NA
April 1, 2010	NA	NA	NA
May 1, 2010	NA	NA	NA
June 1, 2010	NA	NA	NA
July 1, 2010	NA	NA	NA
August 1, 2010	NA	NA	NA
September 1, 2010	NA	NA	NA
October 1, 2010	NA	NA	NA
November 1, 2010	NA	NA	NA
December 1, 2010	NA	NA	NA
January 1, 2011	NA	NA	NA
February 1, 2011	NA	NA	NA
March 1, 2011	NA	NA	NA
April 1, 2011	NA	NA	NA
May 1, 2011	NA	NA	NA
June 1, 2011	NA	NA	NA
July 1, 2011	NA	NA	NA
August 1, 2011	NA	NA	NA
September 1, 2011	NA	NA	NA
October 1, 2011	NA	NA	NA
November 1, 2011	NA	NA	NA
December 1, 2011	NA	NA	NA
January 1, 2012	NA	NA	NA
February 1, 2012	NA	NA	NA
March 1, 2012	NA	NA	NA
April 1, 2012	NA	NA	NA
May 1, 2012	NA	NA	NA
June 1, 2012	NA	NA	NA
July 1, 2012	NA	NA	NA
August 1, 2012	NA	NA	NA
September 1, 2012	NA	NA	NA
October 1, 2012	NA	NA	NA
November 1, 2012	NA	NA	NA
December 1, 2012	NA	NA	NA
January 1, 2013	NA	NA	NA
February 1, 2013	NA	NA	NA
March 1, 2013	NA	NA	NA
April 1, 2013	NA	NA	NA
May 1, 2013	NA	NA	NA
June 1, 2013	NA	NA	NA
July 1, 2013	NA	NA	NA

August 1, 2013	NA	NA	NA
September 1, 2013	NA	NA	NA
October 1, 2013	NA	NA	NA
November 1, 2013	NA	NA	NA

Fuel Index Price





Attachment

AVERAGE OPIS DATA (Western Company)

<u>Period Ending</u>	<u>1-Month</u>	<u>2-Month</u>	<u>3-Month</u>	<u>12-Month</u>
January 31, 2004	1.56263	NA	NA	NA
February 28, 2004	1.63525	1.59894	NA	NA
March 31, 2004	1.75498	1.69512	1.65095	NA
April 30, 2004	1.89455	1.82477	1.76159	NA
May 31, 2004	2.11243	2.00349	1.92065	NA
June 30, 2004	1.92596	2.01919	1.97765	NA
July 31, 2004	1.95250	1.93923	1.99696	NA
August 31, 2004	2.01234	1.98242	1.96360	NA
September 30, 2004	2.00785	2.01010	1.99090	NA
October 31, 2004	2.27355	2.14070	2.09791	NA
November 30, 2004	2.18628	2.22992	2.15589	NA
December 31, 2004	1.81030	1.99829	2.09004	1.9273842
January 31, 2005	1.92225	1.86628	1.97294	1.9573529
February 28, 2005	2.18893	2.05559	1.97383	2.0034925
March 31, 2005	2.52874	2.35883	2.21331	2.0679725
April 30, 2005	2.52860	2.52867	2.41542	2.1208100
May 31, 2005	2.21272	2.37066	2.42335	2.1291679
June 30, 2005	2.21623	2.21447	2.31918	2.1533567
July 31, 2005	2.45718	2.33670	2.29537	2.1954129
August 31, 2005	2.75556	2.60637	2.47632	2.2573479
September 30, 2005	3.12430	2.93993	2.77901	2.3503854

CURRENT FUEL INDEX (Western Company)

<u>Proposed Effective Date</u>	<u>Billing Period</u>		
	<u>1-Month</u>	<u>2-Month</u>	<u>3-Month</u>
July 1, 2005	2.21272	2.37066	2.42335
August 1, 2005	2.21623	2.21447	2.31918
September 1, 2005	2.45718	2.33670	2.29537
October 1, 2005	2.75556	2.60637	2.47632
November 1, 2005	3.12430	2.93993	2.77901
December 1, 2005	NA	NA	NA