Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty
Benefit/Cost Analysis Granite Ridge

						7 11 101 7 0 10 0	411110 111090								
4 Veen	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1 Year	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026
Benefits															
2 Annual Contract Charges															
3 Distribution (98.25%)															
4 Environmental (1.75%)															
5 Total Benefits															
3 Total Deficitio															
Costs															
6 Revenue Requirement - Lateral	\$849,365	\$818,429	\$789,164	\$762,622	\$735,146	\$710,517	\$583,231	\$567,892	\$552,575	\$543,225	\$498,463	\$481,562	\$465,350	\$449.775	\$434,790
·					. ,				. ,			. ,			
7 Annual O&M costs	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$2,957	\$67,957	\$3,122	\$3,216	\$3,312	\$3,411
8 Total Costs	\$852,322	\$821,386	\$792,121	\$765,579	\$738,103	\$713,474	\$586,188	\$570,849	\$555,531	\$546,182	\$566,420	\$484,684	\$468,566	\$453,087	\$438,202
9 Net Benefit to All Customers															

1	ivet	Benefit	to All	Customer	•

Net Present Value Calculation

- Required Rate of Return
- Net Present Value of Option 11
- 12 Net Present Value of Benefits
- 13 Net Present Value of Costs
- 1 Year Liberty Assumed Contract
- 2 Total contract charges per year
- 3 Contract split of charges
- 4 Contract split of charges
- 5 Sum of lines 4 + 5
- 6 Page 3 line 25 and page 4 line 25
- 7 Annual O&M costs to inspect the line
- 8 Sum of lines 6 + 7
- 9 Line 5 line 9
- 10 After-tax discount rate
- 11 Net Present Value calculation of net benefits using discount rate in Line (10) and net benefits (or costs) in line (9)

<u>2012 - 2021</u> <u>2012 - 2040</u>

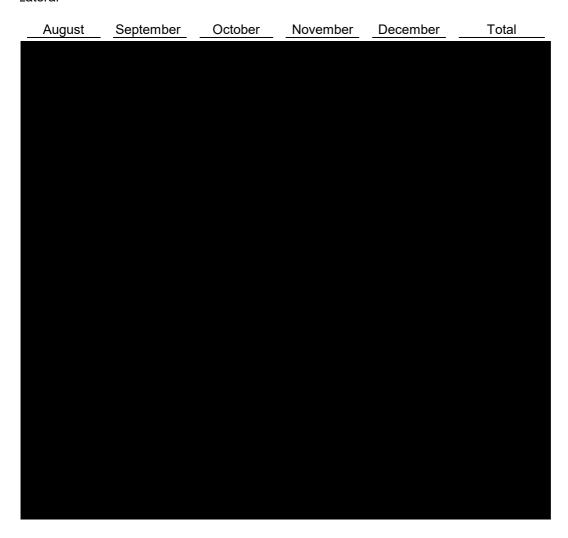
6.96%

6.96%

- 12 Net Present Value calculation of benefits using discount rate in Line (20) and benefits in line (5)
- 13 Net Present Value calculation of costs using discount rate in Line (10) and costs in line (8)

_	January	February	March	April	May	June	July
2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035	January	February	March	April	May	June	July
2040							

s) Corp. d/b/a Liberty Lateral



Liberty Utilities (EnergyNorth Natural Gas) Corp. d/b/a Liberty Benefit/Cost Analysis Granite Ridge Lateral Revenue Requirement

1	<u>Deferred Tax Calculation</u> Distribution Circuit Upgrades	2012 \$5,678,898	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>	<u>2021</u>
2	Total	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
3	FEDERAL Vintage Year Tax Depreciat	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336
4	Annual Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336
5	Cumulative Tax Depreciation	\$212,959	\$622,918	\$1,002,098	\$1,352,884	\$1,677,319	\$1,977,449	\$2,255,034	\$2,511,833	\$2,765,226	\$3,018,561
6	STATE Vintage Year Tax Depreciation:	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336
7	Annual Tax Depreciation	\$212,959	\$409,960	\$379,180	\$350,786	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336
8	Cumulative Tax Depreciation	\$212,959	\$622,919	\$1,002,099	\$1,352,885	\$1,677,320	\$1,977,450	\$2,255,035	\$2,511,835	\$2,765,227	\$3,018,563
9	Book Depreciation Rate (a)	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
10	Book Depreciation	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035
11	Cumulative Book Depreciation	\$109,035	\$218,070	\$327,105	\$436,139	\$545,174	\$654,209	\$763,244	\$872,279	\$981,314	\$1,090,348
12	Book/Tax Timer (Federal)	\$103,924	\$404,849	\$674,994	\$916,744	\$1,132,145	\$1,323,240	\$1,491,790	\$1,639,555	\$1,783,912	\$1,928,213
13	less: Deferred Tax Reserve (State)	\$8,834	\$34,412	\$57,375	\$77,923	\$96,232	\$108,506	\$122,327	\$129,525	\$137,361	\$148,473
14	Net Book/Tax Timer (Federal)	\$95,090	\$370,436	\$617,619	\$838,821	\$1,035,913	\$1,214,734	\$1,369,463	\$1,510,030	\$1,646,551	\$1,779,740
15	Effective Tax Rate (Federal)	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve (Federal)	\$33,282	\$129,653	\$216,167	\$293,587	\$362,569	\$425,157	\$287,587	\$317,106	\$345,776	\$373,745
17	Book/Tax Timer (State)	\$103,924	\$404,849	\$674,994	\$916,746	\$1,132,146	\$1,323,241	\$1,491,791	\$1,639,556	\$1,783,913	\$1,928,215
18	Effective Tax Rate (State)	8.50%	8.50%	8.50%	8.50%	8.50%	8.20%	8.20%	7.90%	7.70%	7.70%
19	Deferred Tax Reserve (State)	\$8,834	\$34,412	\$57,375	\$77,923	\$96,232	\$108,506	\$122,327	\$129,525	\$137,361	\$148,473
20	TOTAL Deferred Tax Reserve	\$42,115	\$164,065	\$273,541	\$371,511	\$458,802	\$533,663	\$409,914	\$446,631	\$483,137	\$522,218
21	Rate Base Calculation										
22	Plant In Service	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
23	Accumulated Book Depreciation	(\$109,035)	(\$218,070)	(\$327,105)	(\$436,139)	(\$545,174)	(\$654,209)	(\$763,244)	(\$872,279)	(\$981,314)	(\$1,090,348)
24	Deferred Tax Reserve	(\$42,115)	(\$164,065)	(\$273,541)	(\$371,511)	(\$458,802)	(\$533,663)	(\$409,914)	(\$446,631)	(\$483,137)	(\$522,218)
25	Year End Rate Base	\$5,527,748	\$5,296,763	\$5,078,252	\$4,871,248	\$4,674,922	\$4,491,026	\$4,505,740	\$4,359,988	\$4,214,447	\$4,066,331
26	Revenue Requirement Calculation										
27	Year End Rate Base	\$5,527,748	\$5,296,763	\$5,078,252	\$4,871,248	\$4,674,922	\$4,491,026	\$4,505,740	\$4,359,988	\$4,214,447	\$4,066,331
28	Pre-Tax ROR	11.47%	11.47%	11.47%	11.50%	11.47%	11.47%	8.60%	8.60%	8.60%	8.76%
29	Return and Taxes	\$634,197	\$607,696	\$582,627	\$560,059	\$536,353	\$515,254	\$387,686	\$375,145	\$362,622	\$356,116
30	Book Depreciation	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035	\$109,035
31	Property Taxes (b) 1.92%		\$101,698	\$97,502	\$93,528	\$89,758	\$86,228	\$86,510	\$83,712	\$80,917	\$78,074
32	Annual Revenue Requirement	\$849,365	\$818,429	\$789,164	\$762,622	\$735,146	\$710,517	\$583,231	\$567,892	\$552,575	\$543,225
33	Imputed Capital Structure (c)		DG 1	1-040			DG 1				DG 17-(
		5 .:	5.	Weighted		5	5.	Weighted		5 "	5.
0.4	T T D	Ratio	Rate	Rate	Pre Tax	Ratio	Rate	Rate	Pre Tax	Ratio	Rate
34	Long Term Debt	45.00%	4.43%	1.99%	1.99%	45.00%	5.93%	2.67%	2.67%	50.79%	4.38%
35 Note	Common Equity s:	55.00%	10.25%	5.64%	9.48%	55.00%	9.55%	5.25%	8.83%	49.21%	9.40%
	(a) Used Liberty Utilities Estimates	100.00%		7.63%	11.47%	100.00%		7.92%	11.50%	100.00%	

<u>Liberty Utilities (EnergyNorth Natural Ga-Benefit/Cost Analysis Grani</u> <u>Lateral Revenue Require</u>

1	Deferred Tax Calculation Distribution Circuit Upgrades	2022 \$4,066,331	2023	2024	<u>2025</u>
2	Total	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
3	FEDERAL Vintage Year Tax Depreciati	\$253,392	\$409,960	\$379,180	\$350,786
4	Annual Tax Depreciation	\$253,392	\$409,960	\$379,180	\$4,419,142
5	Cumulative Tax Depreciation	\$253,392	\$663,352	\$1,042,532	\$5,461,674
6	STATE Vintage Year Tax Depreciation:	\$253,392	\$253,336	\$253,392	\$253,336
7	Annual Tax Depreciation	\$253,392	\$253,336	\$253,392	\$253,336
8	Cumulative Tax Depreciation	\$253,392	\$506,728	\$760,120	\$1,013,456
9	Book Depreciation Rate (a)	1.92%	1.92%	1.92%	1.92%
10	Book Depreciation	\$78,074	\$78,074	\$78,074	\$78,074
11	Cumulative Book Depreciation	\$78,074	\$156,147	\$234,221	\$312,294
12	Book/Tax Timer (Federal)	\$175,319	\$507,205	\$808,311	\$5,149,380
13	less: Deferred Tax Reserve (State)	\$13,500	\$26,995	\$40,494	\$53,989
14	Net Book/Tax Timer (Federal)	\$161,819	\$480,210	\$767,817	\$5,095,390
15	Effective Tax Rate (Federal)	21.00%	21.00%	21.00%	21.00%
16	Deferred Tax Reserve (Federal)	\$33,982	\$100,844	\$161,242	\$1,070,032
17	Book/Tax Timer (State)	\$175,318	\$350,581	\$525,899	\$701,162
18	Effective Tax Rate (State)	7.70%	7.70%	7.70%	7.70%
19	Deferred Tax Reserve (State)	\$13,500	\$26,995	\$40,494	\$53,989
20	TOTAL Deferred Tax Reserve	\$47,482	\$127,839	\$201,736	\$1,124,021
21	Rate Base Calculation				
22	Plant In Service	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
23	Accumulated Book Depreciation	(\$78,074)	(\$156,147)	(\$234,221)	(\$312,294)
24	Deferred Tax Reserve	(\$47,482)	(\$127,839)	(\$201,736)	(\$1,124,021)
25	Year End Rate Base	\$3,940,776	\$3,782,345	\$3,630,375	\$2,630,016
26	Revenue Requirement Calculation				
27	Year End Rate Base	\$3,940,776	\$3,782,345	\$3,630,375	\$2,630,016
28	Pre-Tax ROR	8.75%			
29	Return and Taxes	\$344,727	\$330,868	\$317,574	\$230,065
30	Book Depreciation	\$78,074	\$78,074	\$78,074	\$78,074
31	Property Taxes (b) 1.92%	\$75,663	\$72,621	\$69,703	\$50,496
32	Annual Revenue Requirement	\$498,463	\$481,562	\$465,350	\$358,635
33	Imputed Capital Structure (c)		DG 2	0-105	
				Weighted	
		Ratio	Rate	Rate	Pre Tax
34	Long Term Debt	48.00%	4.42%	2.12%	2.12%
35	Common Equity	52.00%	9.30%	4.84%	6.63%
Note	· ·				

s) Corp. d/b/a Liberty te Ridge ment

	<u>2026</u>	<u>2027</u>	<u>2028</u>	2029	<u>2030</u>	<u>2031</u>	2032	<u>2033</u>
	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
	\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
	\$5,786,109	\$6,086,239	\$6,363,824	\$6,620,623	\$6,874,016	\$7,127,351	\$7,380,744	\$7,634,079
	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392	\$0	\$0
	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392	\$0	\$0
	\$1,266,792	\$1,520,184	\$1,773,520	\$2,026,912	\$2,280,248	\$2,533,640	\$2,533,640	\$2,533,640
	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
_	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
	\$390,368	\$468,441	\$546,515	\$624,588	\$702,662	\$780,736	\$858,809	\$936,883
	\$5,395,742	\$5,617,798	\$5,817,309	\$5,996,035	\$6,171,354	\$6,346,616	\$6,521,935	\$6,697,197
_	\$67,485	\$80,984	\$94,479	\$107,979	\$121,474	\$134,974	\$128,962	\$122,950
	\$5,328,257	\$5,536,814	\$5,722,829	\$5,888,056	\$6,049,880	\$6,211,642	\$6,392,973	\$6,574,246
_	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
_	\$1,118,934	\$1,162,731	\$1,201,794	\$1,236,492	\$1,270,475	\$1,304,445	\$1,342,524	\$1,380,592
	\$876,424	\$1,051,743	\$1,227,005	\$1,402,324	\$1,577,586	\$1,752,904	\$1,674,831	\$1,596,757
_	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%
_	\$67,485	\$80,984	\$94,479	\$107,979	\$121,474	\$134,974	\$128,962	\$122,950
=	\$1,186,419	\$1,243,715	\$1,296,274	\$1,344,471	\$1,391,949	\$1,439,418	\$1,471,486	\$1,503,542
	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
	(\$390,368)	(\$468,441)	(\$546,515)	(\$624,588)	(\$702,662)	(\$780,736)	(\$858,809)	(\$936,883)
_	(\$1,186,419)	(\$1,243,715)	(\$1,296,274)	(\$1,344,471)	(\$1,391,949)	(\$1,439,418)	(\$1,471,486)	(\$1,503,542)
=	\$2,489,545	\$2,354,175	\$2,223,543	\$2,097,272	\$1,971,720	\$1,846,177	\$1,736,036	\$1,625,907
	\$2,489,545	\$2,354,175	\$2,223,543	\$2,097,272	\$1,971,720	\$1,846,177	\$1,736,036	\$1,625,907
	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
-	\$217,778	\$205,936	\$194,509	\$183,463	\$172,480	\$161,498	\$151,863	\$142,229
	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
	\$47,799	\$45,200	\$42,692	\$40,268	\$37,857	\$35,447	\$33,332	\$31,217
-	\$343,650	\$329,210	\$315,274	\$301,804	\$288,410	\$275,018	\$263,268	\$251,520

	<u>2034</u>	<u>2035</u>	<u>2036</u>	<u>2037</u>	<u>2038</u>	<u>2039</u>	<u>2040</u>
	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
	ψ+,000,001	ψ+,000,001	ψ+,000,001	ψ+,000,001	ψ+,000,001	ψ4,000,331	ψ+,000,331
	\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336
_	\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336
	\$7,887,472	\$8,140,808	\$8,394,143	\$8,647,536	\$8,900,871	\$9,154,264	\$9,407,599
	Φ.Ο.	Φ0	Φ0	40	Φ0	40	Φ0
	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 *0	\$0 \$0
_	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$2,533,640
	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640	\$2,533,640
	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%	1.92%
	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
	\$1,014,956	\$1,093,030	\$1,171,103	\$1,249,177	\$1,327,251	\$1,405,324	\$1,483,398
	\$6,872,516	\$7,047,778	\$7,223,040	\$7,398,359	\$7,573,621	\$7,748,939	\$7,924,202
_	\$116,939	\$110,927	\$104,915	\$98,904	\$92,892	\$86,880	\$80,869
	\$6,755,577	\$6,936,851	\$7,118,124	\$7,299,455	\$7,480,729	\$7,662,059	\$7,843,333
_	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%	21.00%
_	\$1,418,671	\$1,456,739	\$1,494,806	\$1,532,886	\$1,570,953	\$1,609,032	\$1,647,100
	\$1,518,684	\$1,440,610	\$1,362,537	\$1,284,463	\$1,206,389	\$1,128,316	\$1,050,242
	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%	7.70%
_	\$116,939	\$110,927	\$104,915	\$98,904	\$92,892	\$86,880	\$80,869
=	\$1,535,610	\$1,567,666	\$1,599,721	\$1,631,789	\$1,663,845	\$1,695,913	\$1,727,969
	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331	\$4,066,331
	(\$1,014,956)	(\$1,093,030)	(\$1,171,103)	(\$1,249,177)	(\$1,327,251)	(\$1,405,324)	(\$1,483,398)
	(\$1,535,610)	(\$1,567,666)	(\$1,599,721)	(\$1,631,789)	(\$1,663,845)	(\$1,695,913)	(\$1,727,969)
_	\$1,515,765	\$1,405,636	\$1,295,506	\$1,185,365	\$1,075,236	\$965,094	\$854,965
=							
	\$1,515,765	\$1,405,636	\$1,295,506	\$1,185,365	\$1,075,236	\$965,094	\$854,965
_	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%	8.75%
	\$132,594	\$122,961	\$113,327	\$103,692	\$94,058	\$84,423	\$74,790
	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074	\$78,074
_	\$29,103	\$26,988	\$24,874	\$22,759	\$20,645	\$18,530	\$16,415
	\$239,771	\$228,022	\$216,274	\$204,525	\$192,776	\$181,027	\$169,279

<u>Liberty Utilities (En Benefi</u>

		<u>2012</u> 1	<u>2013</u> 2	<u>2014</u> 3	<u>2015</u> 4
1 2	Tax Depreciation (Federal) Plant Additions	\$ 5,678,898	_	·	·
3 4	20 Year MACRS Rate Federal Tax Depreciation	 3.750% \$212,959	7.219% \$409,960	6.677% \$379,180	6.177% \$350,786
5 6 7 8	Remaining Tax Depreciation (State) Plant Additions 20 YR MACRS Tax Depreciation Rates	\$ 5,678,898 3.750% \$212,959	\$5,678,898 7.219% \$409,960	\$5,678,898 6.677% \$379,180	\$5,678,898 6.177% \$350,786
9 10	Federal Tax Depreciation State Tax Depreciation	\$212,959 \$212,959	\$409,960 \$409,960	\$379,180 \$379,180	\$350,786 \$350,786

¹ Undepreciated value when Liberty assumed contract

ergyNorth Natural Gas) Corp. d/b/a Liberty it/Cost Analysis Granite Ridge

Tax Calculation

<u>2016</u> 5	<u>2017</u> 6	<u>2018</u> 7	<u>2019</u> 8	<u>2020</u> 9	<u>2021</u> 10	<u>2022</u> 11	<u>2023</u> 12
3	0	,	0	3	10	11	12
5.713%	5.285%	4.888%	4.522%	4.462%	4.461%	4.462%	4.461%
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
5.713%	5.285%	4.888%	4.522%	4.462%	4.461%	4.462%	4.461%
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336
\$324,435	\$300,130	\$277,585	\$256,800	\$253,392	\$253,336	\$253,392	\$253,336

<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>	<u>2030</u>	<u>2031</u>
13	14	15	16	17	18	19	20
4.462%	4.461%	4.461%	4.462%	4.461%	4.462%	4.461%	4.462%
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898	\$5,678,898
4.462%	4.461%	4.461%	4.462%	4.461%	4.462%	4.461%	4.462%
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392
\$253,392	\$253,336	\$253,336	\$253,392	\$253,336	\$253,392	\$253,336	\$253,392

Year	2012	2013	2014	2015	2016
Hours	8	8	8	8	8
Hourly Rate	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20
Employee Count	2	2	2	2	2
times per year	4	4	4	4	4
total	\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957

Lateral Inspection Cost

2015	\$ 148,680.84
2022	\$ 65,000.00
2029	\$ 74,750.00
2036	\$ 85.962.50

2017	2018	2019	2020	2021	2022	
8	8	8	8	8	8	
\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20	\$ 46.20	
2	2	2	2	2	2	
4	4	4	4	4	4	
\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957	\$ 2,957	\$ 67,957	

2023		2024		2025		2026		2027		2028		2029		2030	
8		8		8		8		8		8		8		8	
\$ 48.78	\$	50.24	\$	51.75	\$	53.30	\$	54.90	\$	56.55	\$	58.25	\$	59.99	
2		2		2		2		2		2		2		2	
4		4		4		4		4		4		4		4	
\$ 3,122	\$	3,216	\$	3,312	\$	3,411	\$	3,514	\$	3,619	\$	78,478	\$	3,840	

2031	2032		2033		2034		2035		2036		2037		2038	
8		8	8			8		8		8		8		8
\$ 61.79	\$	63.65	\$	65.56	\$	67.52	\$	69.55	\$	71.64	\$	73.78	\$	76.00
2		2		2		2		2		2		2		2
4		4		4		4		4		4		4		4
\$ 3,955	\$	4,073	\$	4,196	\$	4,321	\$	4,451	\$	90,547	\$	4,722	\$	4,864

2039 2040 8 8 \$ 78.28 \$ 80.63 2 2 4 4 \$ 5,010 \$ 5,160