

BEFORE THE  
WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NWN WUTC Advice No. 22-09 / UG-200994 et al.

Northwest Natural Gas Company

**Exhibit A**

Combined Effects of Dockets UG-200994, UG-220541, UG-220693,  
UG-220694, UG-220697, and UG-220734

October 14, 2022

# NW NATURAL

## EXHIBIT A

### Combined Effects

NWN WUTC ADVICE NO. 22-09 / UG-200994 et al.

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NW Natural  
Rates & Regulatory Affairs  
Test Year Ending September 30, 2020  
Calculation of Effect on Customer Average Bill by Rate Schedule <sup>(1)</sup>

Schedule	Block	YEAR 1											YEAR 2					
		UG-200994, UG-210698, UG-210699, UG-170094, UG-210555 & UG-210701											UG-200994, UG-220541, UG-220693, UG-220694, UG-220697 & UG-220734					
		UG-200994			Current		Year 1		Pre UG-200994		Year 1		UG-200994 + 21-22 PGA		UG-200994 + 22-23 PGA		UG-200994 + 22-23 PGA	
		Washington Normalized Volumes	Therms in Block	Normal Therms Monthly Average use	Minimum Monthly Charge	Minimum Monthly Charge	11/1/2020 Billing Rates	11/1/2021 Billing Rates	11/1/2020 Pre UG-200994 Average Bill	11/1/2021 UG-200994 Average Bill	11/1/2021 Proposed Rates	11/1/2021 Proposed Average Bill	11/1/2021 Proposed % Bill Change	11/1/2022 Proposed Rates	11/1/2022 Proposed Average Bill	11/1/2022 Proposed % Bill Change		
A	B	C	D	E	F	G	H=H*(F+C)	I=H*(G+C)	J	K=E*(J/C)	L=(K-H)/H	M	N=[E*(M/C)]	O=(N-H)/I				
1R	n/a	214,704	n/a	19.6	\$5.50	\$5.50	\$1.15253	\$1.34747	\$28.14	\$31.96	13.6%	\$1.59190	\$36.76	15.0%				
1C	n/a	46,539	n/a	114.1	\$7.00	\$7.00	\$1.18929	\$1.36829	\$142.66	\$163.08	14.3%	\$1.60601	\$190.19	16.6%				
2R	n/a	54,953,516	n/a	56.5	\$8.00	\$8.00	\$0.88948	\$1.05147	\$58.21	\$67.36	15.7%	\$1.21630	\$76.66	13.8%				
3 CFS	n/a	17,867,211	n/a	235.7	\$22.00	\$22.00	\$0.86690	\$1.02282	\$226.30	\$263.04	16.2%	\$1.25038	\$316.67	20.4%				
3 IFS	n/a	283,652	n/a	974.7	\$22.00	\$22.00	\$0.82714	\$0.97858	\$828.25	\$975.87	17.8%	\$1.22899	\$1,219.96	25.0%				
27R	n/a	461,372	n/a	49.5	\$9.00	\$9.00	\$0.64453	\$0.78957	\$40.92	\$48.12	17.6%	\$1.02062	\$59.57	23.8%				
41C Firm Sales	Block 1	1,777,065	2,000	3,436.0	\$250.00	\$250.00	\$0.65150	\$0.79066	\$0.79066	\$0.79066		\$0.79066	\$0.79066					
	Block 2	1,974,656	all additional				\$0.60427	\$0.73819		\$0.73819		\$0.73819	\$0.73819					
	<b>TOTAL</b>								<b>\$2,420.73</b>	<b>\$2,891.36</b>	<b>19.4%</b>		<b>\$3,735.22</b>	<b>29.2%</b>				
41I Firm Sales	Block 1	392,890	2,000	4,741.0	\$250.00	\$250.00	\$0.60577	\$0.71891		\$0.71891		\$0.71891	\$0.71891					
	Block 2	621,650	all additional				\$0.56396	\$0.67496		\$0.67496		\$0.67496	\$0.67496					
	<b>TOTAL</b>								<b>\$3,007.35</b>	<b>\$3,537.89</b>	<b>17.6%</b>		<b>\$4,710.12</b>	<b>33.1%</b>				
41C Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$250.00	\$0.66025	\$0.81381		\$0.81381		\$0.81381	\$0.81381					
	Block 2	0	all additional				\$0.61317	\$0.76287		\$0.76287		\$0.76287	\$0.76287					
	<b>TOTAL</b>								<b>\$250.00</b>	<b>\$250.00</b>	<b>0.0%</b>		<b>\$250.00</b>	<b>0.0%</b>				
41I Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$250.00	\$0.61581	\$0.74958		\$0.74958		\$0.74958	\$0.74958					
	Block 2	0	all additional				\$0.57402	\$0.70628		\$0.70628		\$0.70628	\$0.70628					
	<b>TOTAL</b>								<b>\$250.00</b>	<b>\$250.00</b>	<b>0.0%</b>		<b>\$250.00</b>	<b>0.0%</b>				
41C Firm Transp	Block 1	168,721	2,000	4,648.0	\$500.00	\$500.00	\$0.34946	\$0.37100		\$0.37100		\$0.37100	\$0.37100					
	Block 2	272,866	all additional				\$0.30789	\$0.32688		\$0.32688		\$0.32688	\$0.32688					
	<b>TOTAL</b>								<b>\$2,014.21</b>	<b>\$2,107.58</b>	<b>4.6%</b>		<b>\$2,150.12</b>	<b>2.0%</b>				
41I Firm Transp	Block 1	0	2,000	0.0	\$500.00	\$500.00	\$0.34946	\$0.36337		\$0.36337		\$0.36337	\$0.36337					
	Block 2	0	all additional				\$0.30789	\$0.32015		\$0.32015		\$0.32015	\$0.32015					
	<b>TOTAL</b>								<b>\$500.00</b>	<b>\$500.00</b>	<b>0.0%</b>		<b>\$500.00</b>	<b>0.0%</b>				
42C Firm Sales	Block 1	350,770	10,000	11,949.0	\$1,300.00	\$1,300.00	\$0.43555	\$0.56289		\$0.56289		\$0.56289	\$0.56289					
	Block 2	303,089	20,000				\$0.41634	\$0.54046		\$0.54046		\$0.54046	\$0.54046					
	Block 3	59,442	20,000				\$0.37852	\$0.49586		\$0.49586		\$0.49586	\$0.49586					
	Block 4	3,615	100,000				\$0.35361	\$0.46651		\$0.46651		\$0.46651	\$0.46651					
	Block 5	0	600,000				\$0.32038	\$0.42739		\$0.42739		\$0.42739	\$0.42739					
	Block 6	0	all additional				\$0.27890	\$0.37846		\$0.37846		\$0.37846	\$0.37846					
	<b>TOTAL</b>								<b>\$6,464.95</b>	<b>\$7,982.26</b>	<b>23.5%</b>		<b>\$10,903.68</b>	<b>36.6%</b>				
42I Firm Sales	Block 1	1,093,724	10,000	12,869.0	\$1,300.00	\$1,300.00	\$0.40593	\$0.51347		\$0.51347		\$0.51347	\$0.51347					
	Block 2	655,940	20,000				\$0.38999	\$0.49624		\$0.49624		\$0.49624	\$0.49624					
	Block 3	81,241	20,000				\$0.35831	\$0.46194		\$0.46194		\$0.46194	\$0.46194					
	Block 4	9,320	100,000				\$0.33744	\$0.43938		\$0.43938		\$0.43938	\$0.43938					
	Block 5	0	600,000				\$0.30965	\$0.40932		\$0.40932		\$0.40932	\$0.40932					
	Block 6	0	all additional				\$0.27486	\$0.37170		\$0.37170		\$0.37170	\$0.37170					
	<b>TOTAL</b>								<b>\$6,478.18</b>	<b>\$7,858.41</b>	<b>21.3%</b>		<b>\$10,960.55</b>	<b>39.5%</b>				
42C Firm Transp	Block 1	480,000	10,000	51,470.0	\$1,550.00	\$1,550.00	\$0.13852	\$0.14961		\$0.14961		\$0.14961	\$0.14961					
	Block 2	807,846	20,000				\$0.12400	\$0.13392		\$0.13392		\$0.13392	\$0.13392					
	Block 3	583,779	20,000				\$0.09508	\$0.10270		\$0.10270		\$0.10270	\$0.10270					
	Block 4	598,933	100,000				\$0.07607	\$0.08217		\$0.08217		\$0.08217	\$0.08217					
	Block 5	0	600,000				\$0.05071	\$0.05479		\$0.05479		\$0.05479	\$0.05479					
	Block 6	0	all additional				\$0.01901	\$0.02054		\$0.02054		\$0.02054	\$0.02054					
	<b>TOTAL</b>								<b>\$7,428.62</b>	<b>\$7,899.29</b>	<b>6.3%</b>		<b>\$8,075.14</b>	<b>2.2%</b>				
42I Firm Transp	Block 1	924,395	10,000	63,374.0	\$1,550.00	\$1,550.00	\$0.14000	\$0.14867		\$0.14867		\$0.14867	\$0.14867					
	Block 2	1,036,796	20,000				\$0.12531	\$0.13307		\$0.13307		\$0.13307	\$0.13307					
	Block 3	937,215	20,000				\$0.09610	\$0.10205		\$0.10205		\$0.10205	\$0.10205					
	Block 4	2,390,318	100,000				\$0.07688	\$0.08165		\$0.08165		\$0.08165	\$0.08165					
	Block 5	1,492,257	600,000				\$0.05125	\$0.05443		\$0.05443		\$0.05443	\$0.05443					
	Block 6	0	all additional				\$0.01922	\$0.02041		\$0.02041		\$0.02041	\$0.02041					
	<b>TOTAL</b>								<b>\$8,406.39</b>	<b>\$8,831.09</b>	<b>5.1%</b>		<b>\$8,937.77</b>	<b>1.2%</b>				
42C Interr Sales	Block 1	240,000	10,000	39,322.0	\$1,300.00	\$1,300.00	\$0.42349	\$0.56372		\$0.56372		\$0.56372	\$0.56372					
	Block 2	467,511	20,000				\$0.40680	\$0.54503		\$0.54503		\$0.54503	\$0.54503					
	Block 3	218,004	20,000				\$0.37361	\$0.50781		\$0.50781		\$0.50781	\$0.50781					
	Block 4	18,208	100,000				\$0.35180	\$0.48334		\$0.48334		\$0.48334	\$0.48334					
	Block 5	0	600,000				\$0.32269	\$0.45073		\$0.45073		\$0.45073	\$0.45073					
	Block 6	0	all additional				\$0.28632	\$0.40995		\$0.40995		\$0.40995	\$0.40995					
	<b>TOTAL</b>								<b>\$17,153.69</b>	<b>\$22,571.60</b>	<b>31.6%</b>		<b>\$30,599.77</b>	<b>35.6%</b>				
42I Interr Sales	Block 1	156,740	10,000	13,758.0	\$1,300.00	\$1,300.00	\$0.41614	\$0.54885		\$0.54885		\$0.54885	\$0.54885					
	Block 2	159,690	20,000				\$0.40023	\$0.53172		\$0.53172		\$0.53172	\$0.53172					
	Block 3	0	20,000				\$0.36858	\$0.49762		\$0.49762		\$0.49762	\$0.49762					
	Block 4	0	100,000				\$0.34777	\$0.47520		\$0.47520		\$0.47520	\$0.47520					
	Block 5	0	600,000				\$0.32002	\$0.44528		\$0.44528		\$0.44528	\$0.44528					
	Block 6	0	all additional				\$0.28530	\$0.40790		\$0.40790		\$0.40790	\$0.40790					
	<b>TOTAL</b>								<b>\$6,965.46</b>	<b>\$8,786.70</b>	<b>26.1%</b>		<b>\$11,567.97</b>	<b>31.7%</b>				
42C Inter Transp	Block 1	0	10,000	0.0	\$1,550.00	\$1,550.00	\$0.13460	\$0.13990		\$0.13990		\$0.13990	\$0.13990					
	Block 2	0	20,000				\$0.12049	\$0.12524		\$0.12524		\$0.12524	\$0.12524					
	Block 3	0	20,000				\$0.09238	\$0.09604		\$0.09604		\$0.09604	\$0.09604					
	Block 4	0	100,000				\$0.07392	\$0.07684		\$0.07684		\$0.07684	\$0.07684					
	Block 5	0	600,000				\$0.04929	\$0.05124		\$0.05124		\$0.05124	\$0.05124					
	Block 6	0	all additional				\$0.01846	\$0.01920		\$0.01920		\$0.01920	\$0.01920					
	<b>TOTAL</b>								<b>\$1,550.00</b>	<b>\$1,550.00</b>	<b>0.0%</b>		<b>\$1,550.00</b>	<b>0.0%</b>				
42I Inter Transp	Block 1	844,078	10,000	95,634.0	\$1,550.00	\$1,550.00	\$0.13460	\$0.14206		\$0.14206		\$0.14206	\$0.14206					
	Block 2	1,445,175	20,000				\$0.12049	\$0.12716		\$0.12716		\$0.12716	\$0.12716					
	Block 3	1,034,978	20,000				\$0.09238	\$0.09751		\$0.09751		\$0.09751	\$0.09751					
	Block 4	3,359,916	100,000				\$0.07392	\$0.07802		\$0.07802		\$0.07802	\$0.07802					
	Block 5	1,349,120	600,000				\$0.04929	\$0.05202		\$0.05202		\$0.05202	\$0.05202					
	Block 6	0	all additional				\$0.01846	\$0.01950		\$0.01950		\$0.01950	\$0.01950					
	<b>TOTAL</b>								<b>\$10,526.67</b>	<b>\$11,024.36</b>	<b>4.7%</b>		<b>\$11,135.55</b>	<b>1.0%</b>				
43 Firm Transp	n/a	0	n/a	0.0	\$38,000.00	\$38,000.00	\$0.00492	\$0.00495	\$38,000.00	\$38,000.00	0.0%	\$38,000.00	\$38,000.00	0.0%				
43 Interr Transp	n/a	0	n/a	0.0	\$38,000.00	\$38,000.00	\$0.00492	\$0.00495	\$38,000.00	\$38,000.00	0.0%	\$38,000.00	\$38,000.00	0.0%				
Special Contract	n/a	2,895,114	n/a	241,259.5	\$0.00	\$0.00	\$0.00000	\$0.00000	\$0.00	\$0.00	0.0%	\$0.00000	\$0.00	0.0%				
<b>TOTAL</b>		<b>103,032,056</b>		<b>543,911</b>														

[1] Rate Schedule 41 and 42 customers may choose demand charges at a volumetric rate or based on MDDV. For convenience of presentation, demand charges are not included in the calculations for those schedules.

**NW Natural**  
**Washington Jurisdictional Rate Case**  
**Test Year Twelve Months Ended September 30, 2020**  
**Base and Total Billing Rates by Rate Schedule and Block - Combined Effects**

Line No.	Schedule	Block	Block Volumes	Test Year Volumes	Test Year Customers	Current Monthly Base Charge	YEAR 1					YEAR 2								
							UG-200994, UG-210698, UG-210699, UG-170094, UG-210555 & UG-210701					UG-200994, UG-220541, UG-220693, UG-220694, UG-220697 & UG-220734								
							Current Tariff	Base Rate	Pipeline Capacity Rate (Demand) [1]	Commodity Rate (WACOG)	Temporary Adjustment	Total PGA + Year 1 GRC Rate	Base Rate	Pipeline Capacity Rate (Demand) [1]	Commodity Rate (WACOG)	Temporary Adjustment	Total PGA + Year 2 GRC Rate			
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>														
1	1R	n/a	n/a	214,704	911	\$5.50	\$0.77857	\$0.10689	\$0.34873	\$0.11328	\$1.34747	\$0.84022	\$0.08696	\$0.46972	\$0.19500	\$1.59190				
2	1C	n/a	n/a	46,539	34	\$7.00	\$0.81634	\$0.10689	\$0.34873	\$0.09633	\$1.36829	\$0.86760	\$0.08696	\$0.46972	\$0.18173	\$1.60601				
3	2R	n/a	n/a	54,953,516	81,119	\$8.00	\$0.52274	\$0.10689	\$0.34873	\$0.07311	\$1.05147	\$0.56176	\$0.08696	\$0.46972	\$0.09786	\$1.21630				
4	3 CFS	n/a	n/a	17,867,211	6,318	\$22.00	\$0.50167	\$0.10689	\$0.34873	\$0.06553	\$1.02282	\$0.53670	\$0.08696	\$0.46972	\$0.15700	\$1.25038				
5	3 IFS	n/a	n/a	283,652	24	\$22.00	\$0.51501	\$0.10689	\$0.34873	\$0.00795	\$0.97858	\$0.54674	\$0.08696	\$0.46972	\$0.12557	\$1.22899				
6	27R	n/a	n/a	461,372	776	\$9.00	\$0.28684	\$0.10689	\$0.34873	\$0.04711	\$0.78957	\$0.31461	\$0.08696	\$0.46972	\$0.14933	\$1.02062				
7	41C Firm Sales	Block 1	2,000	1,777,065	91	\$250.00	\$0.39079	\$0.00000	\$0.34873	\$0.05114	\$0.79066	\$0.41861	\$0.00000	\$0.46972	\$0.14834	\$1.03667				
8		Block 2	all additional	1,974,656	-	-	\$0.34435	\$0.00000	\$0.34873	\$0.04511	\$0.73819	\$0.36886	\$0.00000	\$0.46972	\$0.14462	\$0.98320				
9	41I Firm Sales	Block 1	2,000	392,890	18	\$250.00	\$0.36329	\$0.00000	\$0.34873	\$0.00689	\$0.71891	\$0.37202	\$0.00000	\$0.46972	\$0.12513	\$0.96687				
10		Block 2	all additional	621,650	-	-	\$0.32011	\$0.00000	\$0.34873	\$0.00612	\$0.67496	\$0.32780	\$0.00000	\$0.46972	\$0.12418	\$0.92170				
11	41C Interr Sales	Block 1	2,000	-	-	\$250.00	\$0.37660	\$0.00000	\$0.34873	\$0.08848	\$0.81381	\$0.39822	\$0.00000	\$0.46972	\$0.14696	\$1.01490				
12		Block 2	all additional	-	-	-	\$0.33181	\$0.00000	\$0.34873	\$0.08233	\$0.76287	\$0.35086	\$0.00000	\$0.46972	\$0.14335	\$0.96393				
13	41I Interr Sales	Block 1	2,000	-	-	\$250.00	\$0.35627	\$0.00000	\$0.34873	\$0.04458	\$0.74958	\$0.36340	\$0.00000	\$0.46972	\$0.12428	\$0.95740				
14		Block 2	all additional	-	-	-	\$0.31389	\$0.00000	\$0.34873	\$0.04366	\$0.70628	\$0.32017	\$0.00000	\$0.46972	\$0.12334	\$0.91323				
15	41C Firm Transp	Block 1	2,000	168,721	8	\$500.00	\$0.36918	\$0.00000	\$0.00000	\$0.00182	\$0.37100	\$0.37889	\$0.00000	\$0.00000	\$0.00194	\$0.38083				
16		Block 2	all additional	272,866	-	-	\$0.32527	\$0.00000	\$0.00000	\$0.00161	\$0.32688	\$0.33382	\$0.00000	\$0.00000	\$0.00170	\$0.33552				
17	41I Firm Transp	Block 1	2,000	-	-	\$500.00	\$0.36060	\$0.00000	\$0.00000	\$0.00277	\$0.36337	\$0.36781	\$0.00000	\$0.00000	\$0.00317	\$0.37098				
18		Block 2	all additional	-	-	-	\$0.31771	\$0.00000	\$0.00000	\$0.00244	\$0.32015	\$0.32406	\$0.00000	\$0.00000	\$0.00281	\$0.32687				
19	42C Firm Sales	Block 1	10,000	350,770	5	\$1,300.00	\$0.18714	\$0.00000	\$0.34873	\$0.02702	\$0.56289	\$0.20809	\$0.00000	\$0.46972	\$0.12969	\$0.80750				
20		Block 2	20,000	303,089	-	-	\$0.16751	\$0.00000	\$0.34873	\$0.02422	\$0.54046	\$0.18626	\$0.00000	\$0.46972	\$0.12836	\$0.78434				
21		Block 3	20,000	59,442	-	-	\$0.12848	\$0.00000	\$0.34873	\$0.01865	\$0.49586	\$0.14286	\$0.00000	\$0.46972	\$0.12573	\$0.73831				
22		Block 4	100,000	3,615	-	-	\$0.10277	\$0.00000	\$0.34873	\$0.01501	\$0.46651	\$0.11428	\$0.00000	\$0.46972	\$0.12401	\$0.70801				
23		Block 5	600,000	-	-	-	\$0.06851	\$0.00000	\$0.34873	\$0.01015	\$0.42739	\$0.07618	\$0.00000	\$0.46972	\$0.12171	\$0.66761				
24		Block 6	all additional	-	-	-	\$0.02568	\$0.00000	\$0.34873	\$0.00405	\$0.37846	\$0.02856	\$0.00000	\$0.46972	\$0.11881	\$0.61709				
25	42I Firm Sales	Block 1	10,000	1,093,724	12	\$1,300.00	\$0.16068	\$0.00000	\$0.34873	\$0.00406	\$0.51347	\$0.16682	\$0.00000	\$0.46972	\$0.11807	\$0.75461				
26		Block 2	20,000	655,940	-	-	\$0.14383	\$0.00000	\$0.34873	\$0.00368	\$0.49624	\$0.14933	\$0.00000	\$0.46972	\$0.11795	\$0.73700				
27		Block 3	20,000	81,241	-	-	\$0.11029	\$0.00000	\$0.34873	\$0.00292	\$0.46194	\$0.11451	\$0.00000	\$0.46972	\$0.11775	\$0.70198				
28		Block 4	100,000	9,320	-	-	\$0.08824	\$0.00000	\$0.34873	\$0.00241	\$0.43938	\$0.09161	\$0.00000	\$0.46972	\$0.11762	\$0.67895				
29		Block 5	600,000	-	-	-	\$0.05884	\$0.00000	\$0.34873	\$0.00175	\$0.40932	\$0.06109	\$0.00000	\$0.46972	\$0.11743	\$0.64824				
30		Block 6	all additional	-	-	-	\$0.02205	\$0.00000	\$0.34873	\$0.00092	\$0.37170	\$0.02289	\$0.00000	\$0.46972	\$0.11721	\$0.60982				
31	42C Firm Transp	Block 1	10,000	480,000	4	\$1,550.00	\$0.14912	\$0.00000	\$0.00000	\$0.00049	\$0.14961	\$0.15506	\$0.00000	\$0.00000	(\$0.00130)	\$0.15376				
32		Block 2	20,000	807,846	-	-	\$0.13349	\$0.00000	\$0.00000	\$0.00043	\$0.13392	\$0.13880	\$0.00000	\$0.00000	(\$0.00116)	\$0.13764				
33		Block 3	20,000	583,779	-	-	\$0.10236	\$0.00000	\$0.00000	\$0.00034	\$0.10270	\$0.10643	\$0.00000	\$0.00000	(\$0.00090)	\$0.10553				
34		Block 4	100,000	598,933	-	-	\$0.08190	\$0.00000	\$0.00000	\$0.00027	\$0.08217	\$0.08516	\$0.00000	\$0.00000	(\$0.00071)	\$0.08445				
35		Block 5	600,000	-	-	-	\$0.05460	\$0.00000	\$0.00000	\$0.00019	\$0.05479	\$0.05677	\$0.00000	\$0.00000	(\$0.00048)	\$0.05629				
36		Block 6	all additional	-	-	-	\$0.02047	\$0.00000	\$0.00000	\$0.00007	\$0.02054	\$0.02128	\$0.00000	\$0.00000	(\$0.00017)	\$0.02111				
37	42I Firm Transp	Block 1	10,000	924,395	9	\$1,550.00	\$0.14808	\$0.00000	\$0.00000	\$0.00059	\$0.14867	\$0.15204	\$0.00000	\$0.00000	(\$0.00118)	\$0.15086				
38		Block 2	20,000	1,036,796	-	-	\$0.13255	\$0.00000	\$0.00000	\$0.00052	\$0.13307	\$0.13609	\$0.00000	\$0.00000	(\$0.00106)	\$0.13503				
39		Block 3	20,000	937,215	-	-	\$0.10164	\$0.00000	\$0.00000	\$0.00041	\$0.10205	\$0.10436	\$0.00000	\$0.00000	(\$0.00082)	\$0.10354				
40		Block 4	100,000	2,390,318	-	-	\$0.08132	\$0.00000	\$0.00000	\$0.00033	\$0.08165	\$0.08349	\$0.00000	\$0.00000	(\$0.00066)	\$0.08283				
41		Block 5	600,000	1,492,257	-	-	\$0.05421	\$0.00000	\$0.00000	\$0.00022	\$0.05443	\$0.05566	\$0.00000	\$0.00000	(\$0.00043)	\$0.05523				
42		Block 6	all additional	-	-	-	\$0.02033	\$0.00000	\$0.00000	\$0.00008	\$0.02041	\$0.02087	\$0.00000	\$0.00000	(\$0.00016)	\$0.02071				
43	42C Interr Sales	Block 1	10,000	240,000	2	\$1,300.00	\$0.15742	\$0.00000	\$0.34873	\$0.05757	\$0.56372	\$0.16987	\$0.00000	\$0.46972	\$0.12880	\$0.76839				
44		Block 2	20,000	467,511	-	-	\$0.14092	\$0.00000	\$0.34873	\$0.05538	\$0.54503	\$0.15206	\$0.00000	\$0.46972	\$0.12750	\$0.74928				
45		Block 3	20,000	218,004	-	-	\$0.10805	\$0.00000	\$0.34873	\$0.05103	\$0.50781	\$0.11659	\$0.00000	\$0.46972	\$0.12494	\$0.71125				
46		Block 4	100,000	18,208	-	-	\$0.08644	\$0.00000	\$0.34873	\$0.04817	\$0.48334	\$0.09327	\$0.00000	\$0.46972	\$0.12322	\$0.68621				
47		Block 5	600,000	-	-	-	\$0.05764	\$0.00000	\$0.34873	\$0.04436	\$0.45073	\$0.06220	\$0.00000	\$0.46972	\$0.12096	\$0.65288				
48		Block 6	all additional	-	-	-	\$0.02162	\$0.00000	\$0.34873	\$0.03960	\$0.40995	\$0.02333	\$0.00000	\$0.46972	\$0.11813	\$0.61118				
49	42I Interr Sales	Block 1	10,000	156,740	2	\$1,300.00	\$0.15825	\$0.00000	\$0.34873	\$0.04187	\$0.54885	\$0.16391	\$0.00000	\$0.46972	\$0.11742	\$0.75105				
50		Block 2	20,000	159,690	-	-	\$0.14166	\$0.00000	\$0.34873	\$0.04133	\$0.53172	\$0.14673	\$0.00000	\$0.46972	\$0.11731	\$0.73376				
51		Block 3	20,000	-	-	-	\$0.10863	\$0.00000	\$0.34873	\$0.04026	\$0.49762	\$0.11252	\$0.00000	\$0.46972	\$0.11712	\$0.69936				
52		Block 4	100,000	-	-	-	\$0.08691	\$0.00000	\$0.34873	\$0.03956	\$0.47520	\$0.09002	\$0.00000	\$0.46972	\$0.11697	\$0.67671				
53		Block 5	600,000	-	-	-	\$0.05793	\$0.00000	\$0.34873	\$0.03862	\$0.44528	\$0.06000	\$0.00000	\$0.46972	\$0.11680	\$0.64652				
54		Block 6	all additional	-	-	-	\$0.02172	\$0.00000	\$0.34873	\$0.03745	\$0.40790	\$0.02250	\$0.00000	\$0.46972	\$0.11657	\$0.60879				
55	42C Inter Transp	Block 1	10,000	-	-	\$1,550.00	\$0.13891	\$0.00000	\$0.00000	\$0.00099	\$0.13990	\$0.14169	\$0.00000	\$0.00000	\$0.00126	\$0.14295				
56		Block 2	20,000	-	-	-	\$0.12436	\$0.00000	\$0.00000	\$0.00088	\$0.12524	\$0.12685	\$0.00000	\$0.00000	\$0.00112	\$0.12797				
57		Block 3	20,000	-	-	-	\$0.09536	\$0.00000	\$0.00000	\$0.00068	\$0.09604	\$0.09727	\$0.00000	\$0.00000	\$0.00086	\$0.09813				
58		Block 4	100,000	-	-	-	\$0.07629	\$0.00000	\$0.00000	\$0.00055	\$0.07684	\$0.07782	\$0.00000	\$0.00000	\$0.00069	\$0.07851				
59		Block 5	600,000	-	-	-	\$0.05087	\$0.00000	\$0.00000	\$0.00037	\$0.05124	\$0.05189	\$0.00000	\$0.00000	\$0.00046	\$0.05235				
60		Block 6	all additional	-	-	-	\$0.01													