BEFORE THE

WASHINGTON UTILITIES & TRANSPORTATION COMMISSION

NWN WUTC Advice No. 21-09 / UG-200994 et al.

Northwest Natural Gas Company

Exhibit A

Combined Effects of Dockets UG-200994, UG-210555,

UG-210698, UG-210699, UG-210701, and UG-170094

October 25, 2021

NW NATURAL

EXHIBIT A

Combined Effects

NWN WUTC ADVICE NO. 21-09 / UG-200994 et al.

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Calculation of Effect on Customer Average Bill by Rate Schedule	1
Base and Total Billing Rates by Rate Schedule and Block – Combined Effects	2

												YEAR 1			YEAR 2	
											UG-200994, UG-210698,	UG-210699, UG-170094, UG	-210555 & UG-210701	UG-200994, UG-210698,	JG-210699, UG-170094, UG-	210555 & UG-210701
		110 200004		UG-200994 Normal	Current	UG-200994	Connect	V 1	Current UG-200994	Year 1 UG-200994	UC 200004 - DCA	UC 200004 - DC4	UC 200004 - DC4	UC 200004 - DCA		UC 200004 - DCA
		UG-200994 Washington		Therms	Current Minimum	Minimum	Current 11/1/2020	Year 1 11/1/2021	11/1/2020	11/1/2021	UG-200994 + PGA 11/1/2021	UG-200994 + PGA 11/1/2021	UG-200994 + PGA 11/1/2021	UG-200994 + PGA 11/1/2022	UG-200994 + PGA 11/1/2022	UG-200994 + PGA 11/1/2022
		Normalized	Therms in	Monthly	Monthly	Monthly	Billing	Billing	Current	Current	Proposed	Proposed	Proposed	Proposed	Proposed	Proposed
		Volumes	Block	Average use	Charge	Charge	Rates	Rates	Average Bill	Average Bill	Rates	Average Bill	% Bill Change	Rates	Average Bill	% Bill Change
	l	volumes	DIOCK	Average use	Charge	Charge	Rates	Rates	H=D+(F * C)	I=D+(G * C)	Nates	K=E+(J*C)	L=(K-H)/H	Rates	N=(E+(M*C)	O=(N-I)/I
Schedule	Block	Α	в	с	D	F	F	G	н	I=D+(0 C)		K=E+(5 C)	L=(K-1)/11	м	N N	0
1R	n/a	214,704	n/a	19.6	\$5.50	\$5.50	\$1.15253	\$1.34747	\$28.14	\$31.96	\$1.34747	\$31.96	13.6%	\$1.40517	\$33.10	3.
10	n/a	46,539	n/a	114.1	\$7.00	\$7.00	\$1.18929	\$1.36829	\$142.66	\$163.08	\$1.36829	\$163.08	14.3%	\$1.41628	\$168.55	3.
2R	n/a	54,953,516	n/a	56.5	\$8.00	\$8.00	\$0.88948	\$1.05147	\$58.21	\$67.36	\$1.05147	\$67.36	15.7%	\$1.08798	\$69.42	3
3 CFS	n/a	17,867,211	n/a	235.7	\$22.00	\$22.00	\$0.86690	\$1.02282	\$226.30	\$263.04	\$1.02282	\$263.04	16.2%	\$1.05560	\$270.77	2
3 IFS	n/a	283,652	n/a	974.7	\$22.00	\$22.00	\$0.82714	\$0.97858	\$828.25	\$975.87	\$0.97858	\$975.87	17.8%	\$1.00828	\$1,004.82	3
27R	n/a	461,372	n/a	49.5	\$9.00	\$9.00	\$0.64433	\$0.78957	\$40.92	\$48.12	\$0.78957	\$48.12	17.6%	\$0.81556	\$49.41	2
41C Firm Sales	Block 1	1,777,065	2,000	3,436.0	\$250.00	\$250.00	\$0.65150	\$0.79066			\$0.79066			\$0.81669		
	Block 2	1,974,656	all additional				\$0.60427	\$0.73819			\$0.73819			\$0.76113		
	TOTAL								\$2,420.73	\$2,891.36		\$2,891.36	19.4%		\$2,976.36	2
41I Firm Sales	Block 1	392,890	2,000	4,741.0	\$250.00	\$250.00	\$0.60577	\$0.71891			\$0.71891			\$0.72617		
	Block 2	621,650	all additional				\$0.56396	\$0.67496			\$0.67496			\$0.68137		
	TOTAL				4050.00	4050.00	40.0000	40.01001	\$3,007.35	\$3,537.89	40.01001	\$3,537.89	17.6%	40 00001	\$3,569.98	0
41C Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$250.00	\$0.66025	\$0.81381			\$0.81381			\$0.83381		
	Block 2 TOTAL	0	all additional				\$0.61317	\$0.76287	\$250.00	\$250.00	\$0.76287	\$250.00	0.00	\$0.78051	\$250.00	(
41I Interr Sales	Block 1	0	2,000	0.0	\$250.00	\$250.00	\$0.61581	\$0.74958	\$250.00	\$250.00	\$0.74958	\$250.00	0.0%	\$0.75523	\$250.00	
411 Intern Sales	Block 1 Block 2	0		0.0	\$250.00	\$250.00	\$0.57402	\$0.74958			\$0.74558			\$0.71125		
	TOTAL	0	all additional				30.37402	30.70028	\$250.00	\$250.00	30.70828	\$250.00	0.0%	30.71123	\$250.00	
41C Firm Transpt	Block 1	168,721	2,000	4,648.0	\$500.00	\$500.00	\$0.34946	\$0.37100	3230.00	\$250.00	\$0.37100	\$250.00	0.0%	\$0.37908	\$250.00	
	Block 1 Block 2	272,866		4,040.0	2500.00	<i>\$</i> 300.00	\$0.34546	\$0.32688			\$0.32688			\$0.33399		
	TOTAL	272,000	an additional				<i>20.00103</i>	<i>40.32000</i>	\$2,014.21	\$2,107.58	20.32000	\$2,107.58	4.6%	ورددد.مد	\$2,142.57	
41I Firm Transpt	Block 1	0	2,000	0.0	\$500.00	\$500.00	\$0.34946	\$0.36337	<i>VE/VI/NEI</i>	\$2,207.50	\$0.36337	\$2,207130	41070	\$0.36906	(L)14LIS/	
	Block 2	0	all additional				\$0.30789	\$0.32015			\$0.32015			\$0.32518		
	TOTAL								\$500.00	\$500.00		\$500.00	0.0%		\$500.00	(
42C Firm Sales	Block 1	350,770	10,000	11,949.0	\$1,300.00	\$1,300.00	\$0.43535	\$0.56289			\$0.56289			\$0.58250		
	Block 2	303,089	20,000				\$0.41634	\$0.54046			\$0.54046			\$0.55800		
	Block 3	59,442	20,000				\$0.37852	\$0.49586			\$0.49586			\$0.50932		
	Block 4	3,615	100,000				\$0.35361	\$0.46651			\$0.46651			\$0.47728		
	Block 5	0	600,000				\$0.32038	\$0.42739			\$0.42739			\$0.43457		
	Block 6	0					\$0.27890	\$0.37846			\$0.37846			\$0.38116		
	TOTAL								\$6,464.95	\$7,982.26		\$7,982.26	23.5%		\$8,212.54	
421 Firm Sales	Block 1	1,093,724	10,000	12,869.0	\$1,300.00	\$1,300.00	\$0.40593	\$0.51347			\$0.51347			\$0.51858		
	Block 2	655,940	20,000				\$0.38999	\$0.49624			\$0.49624			\$0.50082		
	Block 3	81,241	20,000				\$0.35831	\$0.46194			\$0.46194			\$0.46545		
	Block 4	9,320	100,000				\$0.33744	\$0.43938			\$0.43938			\$0.44219		
	Block 5	0	600,000				\$0.30965	\$0.40932			\$0.40932			\$0.41119		
	Block 6	0	all additional				\$0.27486	\$0.37170			\$0.37170			\$0.37240		
	TOTAL								\$6,478.18	\$7,858.41		\$7,858.41	21.3%		\$7,922.65	
2C Firm Transpt	Block 1	480,000	10,000	51,470.0	\$1,550.00	\$1,550.00	\$0.13852	\$0.14961			\$0.14961			\$0.15486		
	Block 2	807,846	20,000				\$0.12400	\$0.13392			\$0.13392			\$0.13863		
	Block 3	583,779	20,000				\$0.09508	\$0.10270			\$0.10270			\$0.10629		
	Block 4	598,933	100,000				\$0.07607	\$0.08217			\$0.08217			\$0.08506		
	Block 5	0	600,000				\$0.05071	\$0.05479			\$0.05479			\$0.05670		
	Block 6	0	all additional				\$0.01901	\$0.02054			\$0.02054			\$0.02126		
	TOTAL								\$7,428.62	\$7,899.29		\$7,899.29	6.3%		\$8,122.04	
421 Firm Transpt	Block 1	924,395	10,000		\$1,550.00	\$1,550.00	\$0.14000	\$0.14867			\$0.14867			\$0.15196		
	Block 2	1,036,796	20,000				\$0.12531	\$0.13307			\$0.13307			\$0.13602		
	Block 3	937,215	20,000				\$0.09610	\$0.10205			\$0.10205			\$0.10430		
	Block 4	2,390,318	100,000				\$0.07688	\$0.08165			\$0.08165			\$0.08344		
	Block 5	1,492,257	600,000				\$0.05125	\$0.05443			\$0.05443			\$0.05563		
	Block 6	0	all additional				\$0.01922	\$0.02041			\$0.02041			\$0.02086		
	TOTAL		10.000		41 000 00	41 000 00	40.000.0	40 5 60 70	\$8,406.39	\$8,831.09	40 5 6 0 7 0	\$8,831.09	5.1%	40 63603	\$8,991.93	
42C Interr Sales	Block 1	240,000	10,000		\$1,300.00	\$1,300.00	\$0.42349	\$0.56372			\$0.56372			\$0.57537		
	Block 2	467,511	20,000				\$0.40680	\$0.54503			\$0.54503			\$0.55545		
	Block 3	218,004	20,000				\$0.37361	\$0.50781			\$0.50781			\$0.51581		
	Block 4 Block 5	18,208 0	100,000 600,000				\$0.35180 \$0.32269	\$0.48334 \$0.45073			\$0.48334 \$0.45073			\$0.48973 \$0.45499		
	Block 5 Block 6	0					\$0.32269 \$0.28632	\$0.45073 \$0.40995			\$0.45073 \$0.40995			\$0.45499 \$0.41156		
	TOTAL	U	an auditional				20.20052		\$17,153.69	\$22,571.60	20.40335	\$22,571.60	31.6%	QC11+UC	\$22,971.08	
42I Interr Sales	Block 1	156,740	10,000	13,758.0	\$1,300.00	\$1,300.00	\$0.41614	\$0.54885	<i>317,133.03</i>	<i>\$22,51</i> 1.00	\$0.54885	şzz,571.00	51.0%	\$0.55356	<i>422,31</i> 1.00	
	Block 2	159,690	20,000		÷1,500.00	÷1,500.00	\$0.41014	\$0.54885			\$0.53172			\$0.53594		
	Block 2 Block 3	139,690	20,000				\$0.36858	\$0.33172			\$0.49762			\$0.50086		
	Block 3 Block 4	0	100,000				\$0.34777	\$0.49762			\$0.49762			\$0.47779		
	Block 5	0	600,000				\$0.32002	\$0.44528			\$0.44528			\$0.44700		
	Block 6	0					\$0.28530	\$0.40790			\$0.40790			\$0.40855		
	TOTAL	0					+		\$6,965.46	\$8,786.70		\$8,786.70	26.1%		\$8,849.66	
42C Inter Transpt	Block 1	0	10,000	0.0	\$1,550.00	\$1,550.00	\$0.13460	\$0.13990	. ,		\$0.13990	<i>,</i>		\$0.14210	<i>+-,-</i>	
	Block 2	0	20,000		. ,0	. ,	\$0.12049	\$0.12524			\$0.12524			\$0.12721		
	Block 3	0	20,000				\$0.09238	\$0.09604			\$0.09604			\$0.09755		
	Block 4	0	100,000				\$0.07392	\$0.07684			\$0.07684			\$0.07805		
	Block 5	0	600,000				\$0.04929	\$0.05124			\$0.05124			\$0.05204		
	Block 6	0	all additional				\$0.01846	\$0.01920			\$0.01920			\$0.01949		
	TOTAL	0					<i>40.01040</i>	20.01320	\$1,550.00	\$1,550.00	<i>40.01920</i>	\$1,550.00	0.0%	\$0.01J4J	\$1,550.00	
42I Inter Transpt	Block 1	844,078	10,000	95,634.0	\$1,550.00	\$1,550.00	\$0.13460	\$0.14206			\$0.14206	¢1,000.00	0.076	\$0.14483	42,555.50	
	Block 1 Block 2	1,445,175	20,000		00.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$0.13460	\$0.14206			\$0.14206			\$0.12964		
	Block 2 Block 3	1,034,978	20,000				\$0.09238	\$0.09751			\$0.09751			\$0.09941		
	Block 4	3,359,916	100,000				\$0.09238	\$0.03731			\$0.07802			\$0.07955		
	Block 4 Block 5	1,349,120	600,000				\$0.07392	\$0.07802			\$0.05202			\$0.05304		
	Block 5 Block 6		all additional				\$0.04929 \$0.01846	\$0.05202 \$0.01950			\$0.05202 \$0.01950			\$0.05304 \$0.01988		
	TOTAL	U	an auditional				20.01840	20.01220	\$10,526.67	\$11,024.36	20.01A20	\$11,024.36	4.7%	20.01388	\$11,209.48	
43 Firm Transpt	n/a	0	n/a	0.0	\$38,000.00	\$38,000.00	\$0.00492	\$0.00510	\$38,000.00	\$38,000.00	\$0.01950	\$11,024.36	4.7%	\$0.00518	\$38,000.00	
43 Firm Transpt 43 Interr Transpt	n/a n/a	0	n/a n/a	0.0	\$38,000.00	\$38,000.00	\$0.00492	\$0.00510	\$38,000.00	\$38,000.00	\$0.01950	\$38,000.00	0.0%	\$0.00518	\$38,000.00	
Special Contract	n/a n/a	2,895,114	n/a n/a	241,259.5	\$38,000.00	\$38,000.00 \$0.00	\$0.00492	\$0.00510	\$38,000.00	\$38,000.00	\$0.00510	\$38,000.00	0.0%	\$0.00018	\$38,000.00	
	ıı/d	103,032,056	n/d	543,911	şu.uU	şu.uu	90.0000U	J0.00000	ο υ. υθ	ŞU.UU	\$0.0051U	ş0.00	0.0%	ο.υυυυU	ŞU.UU	(
TOTAL																

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Operation
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NW Natural Rates & Regulatory Affairs

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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

						Comment To 197	YEAR 1					YEAR 2 UG-200994, UG-210698, UG-210699, UG-170094, UG-210555 & UG-210701								
						Current Tarriff	UG-200994, UG-210698, UG-210699, UG-170094, UG-210555 & UG-210701					UG-2009	94, UG-210698, UG	6-210699, UG-17009	, UG-210555 & UG-210701					
No.	Schedule	Block	Block Volumes	Test Year Volumes	Test Year	Current Monthly Base Charge	Base Rate	Pipeline Capacity Rate (Demand)	Commodity Rate (WACOG)	Temporary Adjustment	Total PGA + Year 1 GRC Rate	Base Rate	Pipeline Capacity Rate (Demand)	Commodity Rate (WACOG)	Temporary Adjustment	Total PGA + Ye GRC Ra				
				volumes	Customers	Charge		[1]			GRC Rate		[1]			GRC Na				
	Α	В	С	D	E	F														
	1R	n/a	n/a	214,704	911	\$5.50	\$0.77857	\$0.10689	\$0.34873	\$0.11328	\$1.34747	\$0.84022	\$0.10689	\$0.34873	\$0.10933	\$1.405				
-	1C 2R	n/a n/a	n/a n/a	46,539 54,953,516	34 81,119	\$7.00 \$8.00	\$0.81634 \$0.52274	\$0.10689 \$0.10689	\$0.34873 \$0.34873	\$0.09633 \$0.07311	\$1.36829 \$1.05147	\$0.86760 \$0.56176	\$0.10689 \$0.10689	\$0.34873 \$0.34873	\$0.09306 \$0.07060	\$1.416 \$1.087				
-	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	\$0.10689	\$0.34873	\$0.06328	\$1.087				
Ē	3 IFS	n/a	n/a	283,652	24	\$22.00	\$0.51501	\$0.10689	\$0.34873	\$0.00795	\$0.97858	\$0.54674	\$0.10689	\$0.34873	\$0.00592	\$1.008				
	27R	n/a	n/a	461,372	776	\$9.00	\$0.28684	\$0.10689	\$0.34873	\$0.04711	\$0.78957	\$0.31461	\$0.10689	\$0.34873	\$0.04533	\$0.815				
	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	\$0.34873	\$0.04935	\$0.816				
-	41I Firm Sales	Block 2 Block 1	all additional 2,000	1,974,656 392,890	18	\$250.00	\$0.34435 \$0.36329	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.04511 \$0.00689	\$0.73819 \$0.71891	\$0.36886 \$0.37202	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.04354 \$0.00542	\$0.763 \$0.726				
	4111111 38165	Block 1 Block 2	all additional	621,650	10	\$250.00	\$0.32011	\$0.00000	\$0.34873	\$0.00612	\$0.67496	\$0.32780	\$0.00000	\$0.34873	\$0.00484	\$0.68				
	41C Interr Sales	Block 1	2,000	-	-	\$250.00	\$0.37660	\$0.00000	\$0.34873	\$0.08848	\$0.81381	\$0.39822	\$0.00000	\$0.34873	\$0.08686	\$0.833				
_		Block 2	all additional	-			\$0.33181	\$0.00000	\$0.34873	\$0.08233	\$0.76287	\$0.35086	\$0.00000	\$0.34873	\$0.08092	\$0.780				
	41I Interr Sales	Block 1	2,000	-	-	\$250.00	\$0.35627	\$0.00000	\$0.34873	\$0.04458	\$0.74958	\$0.36340	\$0.00000	\$0.34873	\$0.04310	\$0.755				
-	41C Firm Transpt	Block 2 Block 1	all additional 2,000	168,721	8	\$500.00	\$0.31389 \$0.36918	\$0.00000 \$0.00000	\$0.34873 \$0.00000	\$0.04366 \$0.00182	\$0.70628 \$0.37100	\$0.32017 \$0.37889	\$0.00000 \$0.00000	\$0.34873 \$0.00000	\$0.04235 \$0.00019	\$0.711 \$0.379				
	120 min manspe	Block 2	all additional	272,866	0	\$500.00	\$0.32527	\$0.00000	\$0.00000	\$0.00161	\$0.32688	\$0.33382	\$0.00000	\$0.00000	\$0.00017	\$0.333				
Ţ	41I Firm Transpt	Block 1	2,000	-	-	\$500.00	\$0.36060	\$0.00000	\$0.00000	\$0.00277	\$0.36337	\$0.36781	\$0.00000	\$0.00000	\$0.00125	\$0.369				
ļ	100 5' - '	Block 2	all additional	-		At 057 77	\$0.31771	\$0.00000	\$0.00000	\$0.00244	\$0.32015	\$0.32406	\$0.00000	\$0.00000	\$0.00112	\$0.32				
	42C Firm Sales	Block 1 Block 2	10,000	350,770 303,089	5	\$1,300.00	\$0.18714 \$0.16751	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.02702 \$0.02422	\$0.56289 \$0.54046	\$0.20809 \$0.18626	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.02568 \$0.02301	\$0.58				
		Block 2 Block 3	20,000 20,000	303,089 59,442			\$0.16751 \$0.12848	\$0.00000	\$0.34873 \$0.34873	\$0.02422 \$0.01865	\$0.54046 \$0.49586	\$0.18626	\$0.00000	\$0.34873 \$0.34873	\$0.02301 \$0.01773	\$0.55 \$0.50				
		Block 4	100,000	3,615			\$0.10277	\$0.00000	\$0.34873	\$0.01501	\$0.46651	\$0.11428	\$0.00000	\$0.34873	\$0.01427	\$0.47				
		Block 5	600,000	-			\$0.06851	\$0.00000	\$0.34873	\$0.01015	\$0.42739	\$0.07618	\$0.00000	\$0.34873	\$0.00966	\$0.43				
_		Block 6	all additional	-			\$0.02568	\$0.00000	\$0.34873	\$0.00405	\$0.37846	\$0.02856	\$0.00000	\$0.34873	\$0.00387	\$0.38				
	42I Firm Sales	Block 1 Block 2	10,000 20,000	1,093,724 655,940	12	\$1,300.00	\$0.16068 \$0.14383	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.00406 \$0.00368	\$0.51347 \$0.49624	\$0.16682 \$0.14933	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.00303 \$0.00276	\$0.51 \$0.50				
		Block 2 Block 3	20,000	81,241			\$0.14383	\$0.00000	\$0.34873	\$0.00388	\$0.46194	\$0.11451	\$0.00000	\$0.34873	\$0.00278	\$0.30				
		Block 4	100,000	9,320			\$0.08824	\$0.00000	\$0.34873	\$0.00241	\$0.43938	\$0.09161	\$0.00000	\$0.34873	\$0.00185	\$0.44				
		Block 5	600,000	-			\$0.05884	\$0.00000	\$0.34873	\$0.00175	\$0.40932	\$0.06109	\$0.00000	\$0.34873	\$0.00137	\$0.41				
-		Block 6	all additional	-			\$0.02205	\$0.00000	\$0.34873	\$0.00092	\$0.37170	\$0.02289	\$0.00000	\$0.34873	\$0.00078	\$0.37				
	42C Firm Transpt	Block 1 Block 2	10,000 20,000	480,000 807,846	4	\$1,550.00	\$0.14912 \$0.13349	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00049 \$0.00043	\$0.14961 \$0.13392	\$0.15506 \$0.13880	\$0.00000 \$0.00000	\$0.00000 \$0.00000	(\$0.00020) (\$0.00017)	\$0.15 \$0.13				
		Block 3	20,000	583,779			\$0.10236	\$0.00000	\$0.00000	\$0.00043	\$0.10270	\$0.10643	\$0.00000	\$0.00000	(\$0.00014)	\$0.13				
		Block 4	100,000	598,933			\$0.08190	\$0.00000	\$0.00000	\$0.00027	\$0.08217	\$0.08516	\$0.00000	\$0.00000	(\$0.00010)	\$0.08				
		Block 5	600,000	-			\$0.05460	\$0.00000	\$0.00000	\$0.00019	\$0.05479	\$0.05677	\$0.00000	\$0.00000	(\$0.00007)	\$0.05				
-	42I Firm Transpt	Block 6 Block 1	all additional 10,000	- 924,395	9	\$1,550.00	\$0.02047 \$0.14808	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00007 \$0.00059	\$0.02054 \$0.14867	\$0.02128 \$0.15204	\$0.00000 \$0.00000	\$0.00000 \$0.00000	(\$0.00002) (\$0.00008)	\$0.02 \$0.15				
	421 FITTI TTatispi	Block 1 Block 2	20,000	924,395 1,036,796	9	\$1,550.00	\$0.13255	\$0.00000	\$0.00000	\$0.00052	\$0.13307	\$0.13609	\$0.00000	\$0.00000	(\$0.00007)	\$0.13				
		Block 3	20,000	937,215			\$0.10164	\$0.00000	\$0.00000	\$0.00041	\$0.10205	\$0.10436	\$0.00000	\$0.00000	(\$0.00006)	\$0.10				
		Block 4	100,000	2,390,318			\$0.08132	\$0.00000	\$0.00000	\$0.00033	\$0.08165	\$0.08349	\$0.00000	\$0.00000	(\$0.00005)	\$0.08				
		Block 5	600,000	1,492,257			\$0.05421	\$0.00000	\$0.00000	\$0.00022	\$0.05443	\$0.05566	\$0.00000	\$0.00000	(\$0.00003)	\$0.05				
ŀ	42C Interr Sales	Block 6 Block 1	all additional 10,000	240,000	2	\$1,300.00	\$0.02033 \$0.15742	\$0.00000 \$0.00000	\$0.00000 \$0.34873	\$0.00008 \$0.05757	\$0.02041 \$0.56372	\$0.02087 \$0.16987	\$0.00000 \$0.00000	\$0.00000 \$0.34873	(\$0.00001) \$0.05677	\$0.02 \$0.57				
	420 men bales	Block 2	20,000	467,511	2	\$1,500.00	\$0.14092	\$0.00000	\$0.34873	\$0.05538	\$0.54503	\$0.15206	\$0.00000	\$0.34873	\$0.05466	\$0.55				
		Block 3	20,000	218,004			\$0.10805	\$0.00000	\$0.34873	\$0.05103	\$0.50781	\$0.11659	\$0.00000	\$0.34873	\$0.05049	\$0.51				
		Block 4	100,000	18,208			\$0.08644	\$0.00000	\$0.34873	\$0.04817	\$0.48334	\$0.09327	\$0.00000	\$0.34873	\$0.04773	\$0.48				
		Block 5	600,000 all additional	-			\$0.05764 \$0.02162	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.04436 \$0.03960	\$0.45073 \$0.40995	\$0.06220 \$0.02333	\$0.00000 \$0.00000	\$0.34873	\$0.04406 \$0.03950	\$0.45				
ŀ	42I Interr Sales	Block 6 Block 1	all additional 10,000	156,740	2	\$1,300.00	\$0.02162 \$0.15825	\$0.00000	\$0.34873	\$0.03960	\$0.54885	\$0.16391	\$0.00000	\$0.34873 \$0.34873	\$0.03950	\$0.41 \$0.55				
		Block 2	20,000	159,690	-		\$0.14166	\$0.00000	\$0.34873	\$0.04133	\$0.53172	\$0.14673	\$0.00000	\$0.34873	\$0.04048	\$0.53				
		Block 3	20,000	-			\$0.10863	\$0.00000	\$0.34873	\$0.04026	\$0.49762	\$0.11252	\$0.00000	\$0.34873	\$0.03961	\$0.50				
		Block 4	100,000	-			\$0.08691	\$0.00000	\$0.34873	\$0.03956	\$0.47520	\$0.09002	\$0.00000	\$0.34873	\$0.03904	\$0.47				
		Block 5 Block 6	600,000 all additional	-			\$0.05793 \$0.02172	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.03862 \$0.03745	\$0.44528 \$0.40790	\$0.06000 \$0.02250	\$0.00000 \$0.00000	\$0.34873 \$0.34873	\$0.03827 \$0.03732	\$0.44 \$0.40				
ŀ	42C Inter Transpt	Block B	10,000	-	-	\$1,550.00	\$0.13891	\$0.00000	\$0.00000	\$0.00099	\$0.13990	\$0.14169	\$0.00000	\$0.00000	\$0.00041	\$0.40				
		Block 2	20,000	-			\$0.12436	\$0.00000	\$0.00000	\$0.00088	\$0.12524	\$0.12685	\$0.00000	\$0.00000	\$0.00036	\$0.12				
		Block 3	20,000	-			\$0.09536	\$0.00000	\$0.00000	\$0.00068	\$0.09604	\$0.09727	\$0.00000	\$0.00000	\$0.00028	\$0.09				
		Block 4	100,000	-			\$0.07629	\$0.00000	\$0.00000	\$0.00055	\$0.07684	\$0.07782	\$0.00000	\$0.00000	\$0.00023	\$0.07				
		Block 5 Block 6	600,000 all additional	-			\$0.05087 \$0.01906	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00037 \$0.00014	\$0.05124 \$0.01920	\$0.05189 \$0.01944	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00015 \$0.00005	\$0.05 \$0.01				
ŀ	42I Inter Transpt	Block 1	10,000	844,078	7	\$1,550.00	\$0.14133	\$0.00000	\$0.00000	\$0.00073	\$0.14206	\$0.14466	\$0.00000	\$0.00000	\$0.00017	\$0.14				
	-	Block 2	20,000	1,445,175			\$0.12651	\$0.00000	\$0.00000	\$0.00065	\$0.12716	\$0.12949	\$0.00000	\$0.00000	\$0.00015	\$0.12				
		Block 3	20,000	1,034,978			\$0.09701	\$0.00000	\$0.00000	\$0.00050	\$0.09751	\$0.09929	\$0.00000	\$0.00000	\$0.00012	\$0.09				
		Block 4 Block 5	100,000	3,359,916			\$0.07762	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00040 \$0.00027	\$0.07802 \$0.05202	\$0.07945	\$0.00000 \$0.00000	\$0.00000 \$0.00000	\$0.00010 \$0.00007	\$0.07				
		Block 5 Block 6	600,000 all additional	1,349,120			\$0.05175 \$0.01940	\$0.00000	\$0.00000	\$0.00027 \$0.00010	\$0.05202 \$0.01950	\$0.05297 \$0.01986	\$0.00000	\$0.00000	\$0.00007 \$0.00002	\$0.05 \$0.01				
ŀ	43 Firm Transpt	n/a	n/a	-	-	\$38,000.00	\$0.00491	\$0.00000	\$0.00000	\$0.00004	\$0.00495	\$0.00501	\$0.00000	\$0.00000	\$0.00017	\$0.005				
Ĺ	43 Interr Transpt	n/a	n/a	-	-	\$38,000.00	\$0.00491	\$0.00000	\$0.00000	\$0.00004	\$0.00495	\$0.00501	\$0.00000	\$0.00000	\$0.00017	\$0.00				
f	Special Contract	n/a	n/a	2,895,114	1	\$0.00	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.00000	\$0.000				