

Lewis County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Lewis	2002	2003	2004	2005	2006	2007
	Lewis County	29	42	37	43	38	38
	<b>TOTALS</b>	<b>29</b>	<b>42</b>	<b>37</b>	<b>43</b>	<b>38</b>	<b>38</b>
<b>246-310-284(4)(a)</b>	Rate of Change		44.83%	-11.90%	16.22%	-11.63%	0.00%
	6% Growth or Greater?		TRUE	FALSE	TRUE	FALSE	FALSE
	Regression Method:	Linear					
<b>246-310-284(4)(c)</b>				Year 1	Year 2	Year 3	Year 4
				2008	2009	2010	2011
Projected Resident Incenter Patients	from 246-310-284(4)(b)			37.50	36.80	36.10	35.40
Station Need for Patients	Divide Resident Incenter Patients by 4.8			7.8125	7.6667	7.5208	7.3750
	Rounded to next whole number			8	8	8	8
<b>246-310-284(4)(d)</b>	subtract (4)(c) from approved stations						
Existing CN Approved Stations				12	12	12	12
Results of (4)(c) above			-	8	8	8	8
Net Station Need				4	4	4	4
Negative number indicates need for stations							
<b>246-310-284(5)</b>							
Name of Center	# of Stations	# of Patien	Utilization (Patients per Station)				
FMC Chehalis	12	39	3.25				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	12	39					
Source: Northwest Renal Network data 2002-2007							
Most recent year-end data: 2007 year-end data as of 01/21/2008							
Most recent quarterly data as of the 1st day of application submission period: 4th quarter 2007 as of 01/21/2008							

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x	y	Linear						
2003	42	41						
2004	37	40						
2005	43	40						
2006	38	39						
2007	38	38						
2008		37.500						
2009		36.800						
2010		36.100						
2011		35.400						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.409644015							
R Square	0.167808219							
Adjusted R Square	-0.109589041							
Standard Error	2.846049894							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	4.9	4.9	0.604938272	0.493403646			
Residual	3	24.3	8.1					
Total	4	29.2						
	<i>Coefficients</i>	<i>Standard Error</i>	<i>t Stat</i>	<i>P-value</i>	<i>Lower 95%</i>	<i>Upper 95%</i>	<i>Lower 95.0%</i>	<i>Upper 95.0%</i>
Intercept	1443.1	1804.500449	0.799722716	0.482337425	-4299.625786	7185.825786	-4299.625786	7185.825786
X Variable 1	-0.7	0.9	-0.777777778	0.493403646	-3.564201674	2.164201674	-3.564201674	2.164201674
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	41	1					
	2	40.3	-3.3					
	3	39.6	3.4					
	4	38.9	-0.9					
	5	38.2	-0.2					

