

Thurston County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Thurston	2001	2002	2003	2004	2005	2006
	Thurston	98	92	87	90	103	122
	TOTALS	98	92	87	90	103	122
246-310-284(4)(a)	Rate of Change		-6.12%	-5.43%	3.45%	14.44%	18.45%
	6% Growth or Greater?		FALSE	FALSE	FALSE	TRUE	TRUE
	Regression Method:	Linear					
246-310-284(4)(c)				Year 1	Year 2	Year 3	Year 4
				2007	2008	2009	2010
Projected Resident Incenter Patients	from 246-310-284(4)(b)			121.600	129.200	136.800	144.400
Station Need for Patients	Divide Resident Incenter Patients by 4.8			25.3333	26.917	28.5	30.0833
	Rounded to next whole number			26	27	29	31
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				25	25	25	25
Results of (4)(c) above			-	26	27	29	31
Net Station Need				-1	-2	-4	-6
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
FMC-Lacey	25	121	4.84				
Total	25	121					
Source: Northwest Renal Network data 2001-2006							
Most recent year-end data: 2006 year-end data as of 01/20/2007							
Most recent quarterly data as of the 1st day of application submission period: 3rd quarter 2007 as of 6/30/07							

Thurston County								
ESRD Need Projection Methodology								
x	y	Linear						
2002	92	84						
2003	87	91						
2004	90	99						
2005	103	106						
2006	122	114						
2007		121.600						
2008		129.200						
2009		136.800						
2010		144.400						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.83989438							
R Square	0.70542257							
Adjusted R Square	0.607230093							
Standard Error	8.966604709							
Observations	5							
ANOVA								
	df	SS	MS	F	Significance F			
Regression	1	577.6	577.6	7.184079602	0.075028927			
Residual	3	241.2	80.4					
Total	4	818.8						
	<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	-15131.6	5682.322124	-2.662925415	0.076148315	-33215.28505	2952.085046	-33215.28505	2952.085046
X Variable 1	7.6	2.835489376	2.68031334	0.075028927	-1.423792686	16.62379269	-1.423792686	16.62379269
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	771.4	-1.399999998					
	2	844.1	4.900000001					
	3	916.8	1.2					
	4	989.5	-11.5					
	5	1062.2	6.799999998					

