

Thurston County							
ESRD Need Projection Methodology							
	Planning Area	6 Year Utilization Data - Resident Incenter Patients					
	Thurston	2002	2003	2004	2005	2006	2007
	Thurston	92	87	90	103	122	117
	TOTALS	92	87	90	103	122	117
246-310-284(4)(a)	Rate of Change		-5.43%	3.45%	14.44%	18.45%	-4.10%
	6% Growth or Greater?		FALSE	FALSE	TRUE	TRUE	FALSE
	Regression Method:	Linear					
246-310-284(4)(c)				Year 1	Year 2	Year 3	Year 4
				2008	2009	2010	2011
Projected Resident Incenter Patients	from 246-310-284(4)(b)			131.40	140.60	149.80	159.00
Station Need for Patients	Divide Resident Incenter Patients by 4.8			27.3750	29.2917	31.2083	33.1250
	Rounded to next whole number			28	30	32	34
246-310-284(4)(d)	subtract (4)(c) from approved stations						
Existing CN Approved Stations				25	25	25	25
Results of (4)(c) above			-	28	30	32	34
Net Station Need				-3	-5	-7	-9
Negative number indicates need for stations							
246-310-284(5)							
Name of Center	# of Stations	# of Patients	Utilization (Patients per Station)				
FMC-Lacey	25	118	4.72				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
	0	0	#DIV/0!				
Total	25	118					
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 1/21/2008							

Thurston County								
ESRD Need Projection Methodology								
x	y	Linear						
2003	87	85						
2004	90	95						
2005	103	104						
2006	122	113						
2007	117	122						
2008		131.400						
2009		140.600						
2010		149.800						
2011		159.000						
SUMMARY OUTPUT								
<i>Regression Statistics</i>								
Multiple R	0.929909848							
R Square	0.864732325							
Adjusted R Square	0.8196431							
Standard Error	6.643292356							
Observations	5							
ANOVA								
	<i>df</i>	<i>SS</i>	<i>MS</i>	<i>F</i>	<i>Significance F</i>			
Regression	1	846.4	846.4	19.17824773	0.022039409			
Residual	3	132.4	44.13333333					
Total	4	978.8						
	<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	-18342.2	4212.092017	-4.354653205	0.02237414	-31746.95668	-4937.44332	-31746.95668	-4937.443325
X Variable 1	9.2	2.100793501	4.37929763	0.022039409	2.514337486	15.88566251	2.514337486	15.88566251
RESIDUAL OUTPUT								
	<i>Observation</i>	<i>Predicted Y</i>	<i>Residuals</i>					
	1	85.4	1.6					
	2	94.6	-4.6					
	3	103.8	-0.8					
	4	113	9					
	5	122.2	-5.2					

