

ATTACHMENT 3

**COWELL-SOUTH UNIT THP ELIGIBILITY CRITERIA
CHART ILLUSTRATION AND SPREADSHEETS**

**Item No. 27 Attachment No. 3
July 7-8, 2005 Meeting
Cowell So. Unit Timber Harvest**

Soil Disturbance Factor

Cowell

	Group(ac)	Selection(ac)	Corrected Sum	
Silviculture		0	324	324
Area in THP (ac)	350			
Roads	<u>Seasonal/Temporary Existing</u> x 4	<u>Proposed</u> x 6	<u>All weather/Permanent Existing</u> x 2	<u>Proposed</u> x 4
Linear feet - Existing and proposed	17500	0	0	200
Crossings - Number and Class of watercourse crossed	<u>Class I</u> x 30	<u>Class II</u> x 20	<u>Class III</u> x 10	190
Number of In-lieu/Alt rule in WLPZ	x 10	0	17	0
EHR - Number of feet in high or extreme	<u>High</u> x2	<u>Extreme</u> x5	1300	0
				26
			Roads Subtotal	416
Skid Trails	<u>Existing</u> x 1.5	<u>Proposed</u> x 2.5		
Linear feet - Existing and proposed	50000	2200		230
Crossings - Number and Class of watercourse crossed	<u>Class I</u> x 10	<u>Class II</u> x7	<u>Class III</u> x 3	81
Number of In-lieu/Alt rule in WLPZ	x 5	0	3	20
EHR - Number of feet in high or extreme	<u>High</u> x1.0	<u>Extreme</u> x2	13000	0
				130
			Skid Trails Subtotal	441
Landings	<u>Existing</u> x 1.5	<u>Proposed</u> x 2.5		
Ground-based	19	1		31
Helicopter	x 1	x 2	0	0
No. of In-lieu/Alt rule in WLPZ	x 3	x 5	0	0
				0
			Landings Subtotal	31
FINAL SUM				
Sub Total				1212
Winter Operations Proposed?			Yes	1454
			No	1212

0 = Insert Information from THP

Drainage Density Index							
ft. of Class I	ft. of Class II	ft. of Class III	Corrected Sum	Plan Area (ac)	DDI	HI>100	LO<=100
100	6000	20250	32550	350	93.0		

Cumulative Effects Ratio

Acres Harvested in Planning Watershed (CalWater) in last ten years	Acres to be harvested as part of proposed THP/NTMP	Sum	Total Acres in Planning Watershed	CER*
963	324	1287	7350	18%

* Watershed 303d listed as impaired from sediment or temperature?
If yes, CER is always ranked high.

Example	500	75	575	5000	12%
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