

DATE:	February 28, 2012
TO:	LESA Update Committee
FROM:	Susan Monte
RE:	March 7, 2012 Meeting Information

Protection Ratings

Related to setting the LESA Protection Ratings, John Hall advises that the Committee consider fine-tuning of positioning of SA Factors as follows:

It certainly is not critical, but the "CUGA break" could be moved to immediately after SAF#2 so that the maximum CUGA score would never be more than 150 points. The current Draft will result in CUGA scores as high as 170 points- not a particular problem but it could be fixed. And lowering the low range to 150 or below would help the ratio of "high" to "very high":

Very High	251 to 300 (50 point spread)
High	226 to 250 (25 point spread)
Moderate	151 to 225 (75 point spread)
Low	150 or below (150 point spread)

The re-positioning of the "CUGA break" and the Protection Ratings as shown above are included in the Draft LESA Update dated February 28, 2012.

To compare Protection Ratings differences, protection ratings for the 15 test sites are shown below:

	Total LESA Score*	Proposed Protection Rating in Draft LESA dated 2/10/2012	Adjustment to Protection Rating in Draft LESA dated 2/28/2012
TS1	271	Very High	Very High
TS2	91	Low	Low
TS4	150	Low	Low
TS7	279	Very High	Very High
TS8	244	High	High
TS10	281	Very High	Very High
TS11	188	Moderate	Moderate
TS13	283	Very High	Very High
TS14	266	Very High	Very High
TS16	278	Very High	Very High
TS17	258	Very High	Very High
TSA	211	Moderate	Moderate
TSB	239	High	High
TSC	263	Very High	Very High
TSD	134	Low	Low

\* based on these assumptions:

- 1) BPF is defined as all AVG 1, 2, or 3 soils, or any combination of soils with a minimum of 15% AVG 1, 2, or 3 soils
- 2) 'CUGA break' in the Draft LESA Update occurs after SA Factor 2

Protection Ratings in Other LESA's

The protection ratings used in the LESA's reviewed by the Committee are summarized below:

Illinois LESA Update

		<i>Point Spread</i>
High	226-300	75
Moderate	176-225	50
Low	0-175	175

Kendall Co LESA Update

		<i>Point Spread</i>
Very High	251-300	50
High	226-250	25
Medium	201-225	25
Low	0-200	200

McLean Co LESA Update

		<i>Point Spread</i>
Very High	230-300	70
Moderate	220-229	10
Low	0-219	220

Ogle Co LESA Update

		<i>Point Spread</i>
High	211-300	90
Medium	200-210	10
Low	0-200	200

DeKalb Co LESA Update

		<i>Point Spread</i>
High	215-300	85
Moderate	185-214	30
Low	0-184	185