

APPENDIX G. EMPR Results for Selected Watersheds

| EMPR Worksheet for Phosphorus Allocation (West Branch Sub-basin#3) | | | | | | | | | |
|--|---------------------|---------------------------------|----------|-----------------------|--|------------------------|----------------|----|--|
| Step 1: TMDL Total Load | | | | | Step 2: Adjusted LA = (TMDL total load - MOS) - uncontrollabl | | | | |
| Load = TP loading rate in ref. * Acres in Impaired | | | | | 632 | | | | |
| 1,233 | | | | | | | | | |
| Step 3: | | | | | | | | | |
| | Annual Average Load | Load Sum | Check | Initial Adjust | Recheck | % reduction allocation | Load Reduction | | |
| | Hay/Past. | 44 | 939 | good | 44 | ADJUST | 0.06 | 7 | |
| | Cropland | 827 | bad | bad | 632 | 112 | 0.85 | 95 | |
| | Land dev | 68 | | good | 68 | | 0.09 | 10 | |
| | | | | | 744 | | 1 | | |
| Step 4: All Ag. Loading Rat 0.45 | | | | | | | | | |
| Step 5: | | | | | | | | | |
| | Acres | Allowable (Target) Loading Rate | Final LA | Current Loading Rates | Current Load | % Red. | | | |
| | Final Hay/Past. LA | 200 | 0.19 | 37 | 0.22 | 44 | 15% | | |
| | Final Cropland LA | 1,089 | 0.49 | 537 | 0.76 | 827 | 35% | | |
| | | 187 | 0.31 | 58 | 0.36 | 68 | 15% | | |
| | | | | 632 | | 939 | | | |

| EMPR Worksheet for sediment Allocation, Core Creek Watershed | | | | | | | | |
|--|---------------------|---------------------------------|-----------|-----------------------|----------------|---|----------------|--------|
| Step 1: TMDL Total Load | | | | | Step 2: | Adjusted LA = (TMDL total load - MOS) - uncontrollabl | | |
| Load = TP loading rate in ref. * Acres in Impaired | | | | | | 724,139 | 724,139 | |
| 2,001,827 | | | | | | | | |
| Step 3: | Annual Average Load | Load Sum | Check | Initial Adjust | Recheck | % reduction allocation | Load Reduction | |
| | Hay/Past. | 28,079 | 1,172,869 | good | 28,079 | ADJUST | 0.04 | 1,048 |
| | Cropland | 1,144,790 | | bad | 724,139 | 28,079 | 0.96 | 27,031 |
| | | 1,172,869 | | | 752,218 | | 1 | |
| Step 4: | All Ag. Loading Rat | 214.81 | | | | | | |
| Step 5: | Acres | Allowable (Target) Loading Rate | Final LA | Current Loading Rates | Current Load | % Red. | | |
| | Final Hay/Past. LA | 956 | 28.27 | 27,031 | 29.37 | 28,079 | 4% | |
| | Final Cropland LA | 2,415 | 288.66 | 697,108 | 474.03 | 1,144,790 | 39% | |
| | | 3,371 | | 724,139 | 347.93 | 1,172,869 | 38% | |