

## Land Quality Section Monthly Report thru December 2010 (FY To Date)

| PERMITS ELEMENT                            | RALEIGH |      | FAYETTEVILLE |      | WILMINGTON |      | MOORESVILLE |      | ASHEVILLE |      | WINSTON-SALEM |      | WASHINGTON |     | TOTAL |       |
|--------------------------------------------|---------|------|--------------|------|------------|------|-------------|------|-----------|------|---------------|------|------------|-----|-------|-------|
|                                            | MO.     | YTD  | MO.          | YTD  | MO.        | YTD  | MO.         | YTD  | MO.       | YTD  | MO.           | YTD  | MO.        | YTD | MO.   | YTD   |
| =====                                      |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| <u>*PERMITS*</u>                           |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| 1. New Sedimentation Control Projects      | 12      | 129  | 38           | 265  | 22         | 164  | 20          | 172  | 14        | 84   | 23            | 144  | 19         | 109 | 148   | 1067  |
| 2. New Sedimentation Plan Reviews          | 19      | 126  | 44           | 262  | 22         | 150  | 22          | 168  | 17        | 85   | 22            | 151  | 15         | 115 | 161   | 1057  |
| 3. New Sedimentation Plan Disapprovals     | 6       | 26   | 12           | 60   | 2          | 13   | 6           | 21   | 2         | 16   | 4             | 30   | 5          | 33  | 37    | 199   |
| 4. Revised Sedimentation Plan Reviews      | 8       | 66   | 18           | 138  | 9          | 53   | 19          | 130  | 7         | 66   | 5             | 53   | 6          | 69  | 72    | 575   |
| 5. Revised Sedimentation Plan Disapprovals | 0       | 0    | 0            | 28   | 0          | 2    | 1           | 4    | 0         | 7    | 4             | 14   | 1          | 7   | 6     | 62    |
| 6. Unreviewed E&SC Plans-End of Month      | 18      | 130  | 39           | 258  | 7          | 91   | 17          | 105  | 6         | 49   | 22            | 133  | 13         | 103 | 122   | 869   |
| 7. E&SC Plan Reviews>30 Days               | 0       | 7    | 0            | 0    | 0          | 0    | 0           | 0    | 0         | 0    | 0             | 0    | 0          | 0   | 0     | 7     |
| 8. Revised Plan Reviews>15 Days            | 0       | 2    | 1            | 1    | 0          | 0    | 0           | 0    | 0         | 0    | 0             | 0    | 0          | 0   | 1     | 3     |
| 9. Mine Permits Reviewed                   | 1       | 10   | 1            | 16   | 1          | 9    | 4           | 20   | 6         | 24   | 6             | 30   | 29         | 147 | 48    | 256   |
| 10. Dam Safety Plans (Construction/Repair) | 1       | 12   | 2            | 22   | 0          | 2    | 6           | 39   | 7         | 47   | 0             | 20   | 0          | 2   | 16    | 144   |
| 11. Dam Safety Plans (Impoundment)         | 0       | 4    | 0            | 1    | 0          | 0    | 2           | 5    | 0         | 2    | 0             | 17   | 0          | 2   | 2     | 31    |
| <u>* MONITORING *</u>                      |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| 1. Sedimentation Inspections (Total)       | 181     | 1055 | 206          | 1991 | 278        | 1620 | 281         | 2244 | 178       | 1503 | 58            | 1511 | 151        | 919 | 1333  | 10843 |
| A. Landfills                               | 2       | 21   | 1            | 18   | 1          | 6    | 6           | 23   | 0         | 2    | 5             | 5    | 0          | 0   | 15    | 75    |
| B. DOT Contract                            | 3       | 16   | 0            | 7    | 0          | 2    | 0           | 26   | 0         | 24   | 0             | 3    | 0          | 5   | 3     | 83    |
| C. DOT Force Account                       | 0       | 1    | 0            | 1    | 0          | 0    | 0           | 9    | 0         | 0    | 1             | 2    | 0          | 0   | 1     | 13    |
| D. Complaints                              | 2       | 33   | 8            | 50   | 4          | 40   | 10          | 70   | 4         | 62   | 2             | 82   | 0          | 10  | 30    | 347   |
| 2. MINING INSPECTIONS (TOTAL)              | 6       | 40   | 18           | 156  | 6          | 49   | 3           | 63   | 6         | 43   | 6             | 76   | 22         | 175 | 67    | 602   |
| A. Mining Inspections (Annual)             | 6       | 40   | 9            | 48   | 4          | 27   | 0           | 34   | 6         | 32   | 5             | 56   | 8          | 107 | 38    | 344   |
| B. Complaints                              | 0       | 0    | 0            | 8    | 1          | 9    | 1           | 8    | 0         | 5    | 0             | 1    | 1          | 8   | 3     | 39    |
| 3. DAM SAFETY INSPECTIONS (TOTAL)          | 7       | 33   | 85           | 169  | 0          | 6    | 59          | 290  | 15        | 41   | 185           | 365  | 0          | 16  | 351   | 920   |
| A. Existing Dams Added to IBEAM            | 0       | 0    | 0            | 0    | 0          | 0    | 1           | 15   | 0         | 1    | 0             | 0    | 0          | 0   | 1     | 16    |
| B. Complaints                              | 1       | 2    | 0            | 2    | 0          | 2    | 0           | 7    | 0         | 2    | 0             | 2    | 0          | 0   | 1     | 17    |
| C. Emergency Inspections                   | 0       | 0    | 0            | 2    | 0          | 2    | 0           | 0    | 0         | 0    | 0             | 0    | 0          | 7   | 0     | 11    |
| <u>* ENFORCEMENT *</u>                     |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| 1. SEDIMENTATION                           |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| A. Notices of Violation (Total)            | 6       | 14   | 4            | 45   | 3          | 27   | 4           | 16   | 2         | 16   | 3             | 50   | 4          | 25  | 26    | 193   |
| B. NOV's to Repeat Violators               | 0       | 2    | 4            | 22   | 1          | 13   | 1           | 8    | 0         | 2    | 1             | 8    | 3          | 12  | 10    | 67    |
| C. Cases Referred for Enforcement          | 0       | 1    | 0            | 2    | 1          | 6    | 0           | 1    | 0         | 0    | 0             | 1    | 0          | 0   | 1     | 11    |
| 2. MINING                                  |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| A. Notices of Violation w/o Permit         | 1       | 2    | 0            | 2    | 1          | 5    | 0           | 1    | 0         | 6    | 0             | 0    | 0          | 0   | 2     | 16    |
| B. Notices of Violation of Permit          | 0       | 1    | 0            | 0    | 0          | 2    | 0           | 0    | 0         | 0    | 0             | 2    | 0          | 13  | 0     | 18    |
| C. Letters of Deficiency                   | 2       | 4    | 0            | 0    | 0          | 0    | 0           | 0    | 0         | 0    | 1             | 6    | 1          | 4   | 4     | 14    |
| D. Cases Referred for Enforcement          | 0       | 0    | 0            | 0    | 0          | 1    | 0           | 0    | 0         | 1    | 0             | 0    | 0          | 0   | 0     | 2     |
| 3. DAM SAFETY                              |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| A. Letters of Deficiency                   | 0       | 1    | 2            | 5    | 0          | 1    | 1           | 9    | 0         | 4    | 3             | 4    | 0          | 0   | 6     | 24    |
| B. Enforcement Requests                    | 0       | 0    | 0            | 0    | 0          | 0    | 0           | 2    | 0         | 0    | 0             | 0    | 0          | 0   | 0     | 2     |
| <u>* LOCAL PROGRAMS *</u>                  |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
| 1. Local Ordinance Reviews                 | 1       | 2    | 0            | 0    | 0          | 0    | 0           | 0    | 0         | 9    | 0             | 3    | 0          | 0   | 1     | 14    |
| 2. Local Program Aided (hours)             | 10      | 42   | 4            | 4    | 0          | 7    | 14          | 99   | 6         | 217  | 0             | 51   | 1          | 8   | 35    | 428   |
| <u>* DREDGE AND FILL APPLICATIONS *</u>    |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
|                                            | 0       | 0    | 0            | 0    | 18         | 81   | 26          | 226  | 0         | 0    | 0             | 0    | 2          | 38  | 46    | 345   |
| <u>* EXPRESS PERMITS REVIEWED *</u>        |         |      |              |      |            |      |             |      |           |      |               |      |            |     |       |       |
|                                            | 5       | 39   | 8            | 52   | 7          | 38   | 4           | 30   | 1         | 11   | 3             | 30   | 7          | 34  | 35    | 234   |