

POL. INP-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-1 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SURFACE RUNOFF MULT. 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 POL. IN RAIN (FRAC-SL) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

POL. INP-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-2 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-3 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-L 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

YEAR -16 MONTHLY INPUT PARAMETERS  
 =====

-- CLIMATIC INPUT PARAMETERS ARE SAME AS LAST YEAR

--- POLLUTANT INPUT PARAMETERS

POL. INP-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-1 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-2 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-3 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG.INPUT-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-L 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

YEAR -27 MONTHLY INPUT PARAMETERS  
 =====

-- CLIMATIC INPUT PARAMETERS ARE SAME AS LAST YEAR

-- POLLUTANT INPUT PARAMETERS --

POL. INP-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E-00 0.00E+00 0.00E+00 0.00E-00 0.00E-00 0.00E-00  
 TRANSFORM-1 (UG/CM\*\*2) 0.00E-00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E-00  
 SINKS-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E-00  
 LIG.INPUT-1 (UG/CM\*\*2) 0.00E-00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E-00



POL. INP-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-2 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-3 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INP-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-L 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

YEAR -29 MONTHLY INPUT PARAMETERS  
 =====

-- CLIMATIC INPUT PARAMETERS ARE SAME AS LAST YEAR

-- POLLUTANT INPUT PARAMETERS --

POL. INP-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-1 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SURFACE RUNOFF MULT. 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 POL. IN RAIN (FRAC-EL) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

POL. INP-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORMD-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

POL. INF-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-3 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-3 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

POL. INF-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-L (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-L 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00 1.00E+00

YEAR -30 MONTHLY INPUT PARAMETERS  
 =====

-- CLIMATIC INPUT PARAMETERS ARE SAME AS LAST YEAR

-- POLLUTANT INPUT PARAMETERS --

POL. INP-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-1 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-1 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SURFACE RUNOFF MULT. 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 POL. IN RAIN (FRAC-SL) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

POL. INP-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 TRANSFORM-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 SINKS-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 LIG. INPUT-2 (UG/CM\*\*2) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00  
 VOLATILIZATION MULT.-2 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
			1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00

*POL. INF-1 (UG/CM**2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DEFORMED-1 (UG/CM**2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
SINKS-1 (UG/CM**2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
DIS. INPUT-1 (UG/CM**2)	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
VOLATILIZATION MULT.-1	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00

YEAR - MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)	7.701	7.221	8.445	10.149	12.405	13.245	11.829	10.293	8.445
MOIS. BELOW L1 (%)	7.701	7.221	8.445	10.149	12.405	13.245	11.829	10.293	8.445
PRECIPITATION (CM)	0.951	0.328	2.788	5.721	8.240	10.295	7.123	6.082	3.951
NET INFILT. (CM)	0.946	0.298	2.688	5.669	8.163	10.168	7.072	6.056	3.946
EVAPOTRANS. (CM)	1.700	0.634	2.459	3.041	1.412	1.841	3.983	5.417	3.700
MOIS. RETEN (CM)	-0.589	0.811	-0.171	1.103	1.461	0.544	-0.917	-0.994	0.171
SUB. RUNOFF (CM)	0.000	0.030	0.121	0.052	0.077	-0.127	0.051	0.028	0.000
SNOW RUNOFF (CM)	0.004	0.025	0.370	1.525	5.280	7.723	4.005	1.663	0.004
WIND (CM)	0.229	0.005	0.491	1.577	5.367	7.910	4.056	1.669	0.229

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	2.772E+06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	2.772E+06	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

UNIONIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ORGANIC MOI	7.778E+04	9.94E+04	6.408E+04	5.576E+04	4.804E+04	4.518E+04	3.717E+04	3.092E+04
IN SOIL MOI	2.538E+04	2.285E+04	2.096E+04	1.731E+04	1.491E+04	1.960E+06	1.852E+06	1.783E+06
ADS ON SOIL	1.690E+06	1.623E+06	1.561E+06	1.351E+06	1.168E+06	1.024E+04	1.088E+04	1.114E+04
IN SOIL AIR	1.158E+04	1.130E+04	1.096E+04	9.657E+03	8.364E+03			

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	9.822E-04	9.245E-04	8.889E-04	7.957E-04	7.455E-04	7.047E-04	6.708E-04
04 6.431E-04	8.175E-04	5.940E-04	5.140E-04	4.443E-04			
SOLUBILITY	5.613E-04	5.224E-04	4.908E-04	4.547E-04	4.260E-04	4.027E-04	3.838E-04
04 3.675E-04	2.529E-04	2.294E-04	2.937E-04	2.539E-04			
ADSORBED	2.733E-03	2.314E-03	2.204E-03	3.024E-03	2.838E-03	2.679E-03	2.540E-03
03 2.444E-03	2.347E-03	2.257E-03	1.953E-03	1.688E-03			
SOIL AIR	2.100E-04	2.008E-04	1.879E-04	1.759E-04	1.642E-04	1.549E-04	1.449E-04
04 1.380E-04	1.314E-04	1.250E-04	1.082E-04	9.354E-05			
FREE LIGAND	7.937E+01	6.605E+01	5.404E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

FREE LIGAND	7.937E+01	6.605E+01	5.404E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	7.937E+01	6.605E+01	5.404E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	7.937E+01	6.605E+01	5.404E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	1.396E-01	1.393E+00	2.854E+00	4.707E+00	5.956E+00	6.975E+00	7.574E+00
00 7.729E+00	7.776E+00	7.790E+00	7.806E+00	7.893E+00			

YEAR - 1 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	2.772E+03
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00



TOTAL PRECIPITATION (CM) 46.815  
 TOTAL INFILTRATION (CM) 45.454  
 TOTAL EVAPOTRANSPIRATION (CM) 25.940  
 TOTAL SURFACE RUNOFF (CM) 0.556  
 TOTAL GROWTH (CM) 20.912  
 TOTAL MOISTURE RETENTION (CM) 1.388  
 TOTAL YIELD (CM) 21.473

--- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBILE CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED 2.982E+05  
 TOTAL DEGRADED (MOISTURE) 1.282E+06

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 7.079E-04  
 ADSORBED SOIL (UG/G) 2.690E-03  
 SOIL AIR (UG/ML) 1.528E-04  
 FREE LIGAND (UG/ML) 7.732E+01

SUBLAYER 2

SUBLAYER 3

FREE LIGAND (UG/ML) 7.732E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.732E+01

SOIL ZONE 2.

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 7.893E-02

YEAR - 2 MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.8
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.8
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.018	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
32 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
16 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.658	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (G)

	MAY	JUN	JUL	AUG	SEP	FEB	MAR	APR
PRECIP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

--- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT I  
 ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	6.071E+04	6.218E+04	7.291E+04	7.271E+04	6.061E+04	4.964E+04	4.115E+04	3.365E+04
IN SOIL MOI	1.655E+04	2.017E+04	2.349E+04	2.337E+04	1.955E+04	1.608E+04	1.338E+04	1.098E+04
IN SOIL AIR	7.629E+03	6.290E+03	4.862E+03	4.194E+03	4.431E+03	4.707E+03	4.521E+03	4.985E+03

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

UPPER SOIL ZONE

SUBLAYER 1

MOISTURE	1.247E-04	4.002E-04	3.717E-04	3.443E-04	3.226E-04	3.049E-04	2.902E-
04 2.783E-04	2.672E-04	2.570E-04	2.224E-04	1.922E-04			
%SOLUBILITY	2.427E-04	2.287E-04	2.124E-04	1.967E-04	1.843E-04	1.742E-04	1.658E-
04 1.590E-04	1.527E-04	1.469E-04	1.271E-04	1.098E-04			
ADSORBED	1.614E-03	1.521E-03	1.412E-03	1.308E-03	1.226E-03	1.159E-03	1.103E-
03 1.057E-03	1.015E-03	9.766E-04	8.450E-04	7.305E-04			
SOIL AIR	9.081E-05	8.667E-05	8.133E-05	7.610E-05	7.106E-05	6.701E-05	6.271E-
05 5.969E-05	5.687E-05	5.408E-05	4.679E-05	4.047E-05			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 1

SOIL ZONE 3

LOWER SOIL ZONE:

POL DKP CM	8.322E+00	9.269E+00	1.012E+01	1.258E+01	1.383E+01	1.485E+01	1.545E+
01 1.560E+01	1.566E+01	1.566E+01	1.566E+01	1.577E+01			

YEAR 2 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546

TOTAL YIELD (CM) 20.661  
 --- POLLUTANT MASS DISTRIBUTION IN TIER 1 --- NOTE: IF COMPONENT I  
 ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOIST, ADS. ON SOLID, SOIL AIR, IMMOBILE CEC, COMPLEXED, AND  
 D. PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED 1.290E+05  
 TOTAL DEGRADED (MOISTURE) 5.465E+05

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON  
 ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 8.063E-04  
 ADSORBED SOIL (UG/G) 1.164E-03  
 SOIL AIR (UG/ML) 6.613E-05  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.577E-01

YEAR - 8 MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
7 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
13 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN. (CM)			0.684	1.445	1.616	0.591	0.917	0.994	0.8
19 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.075	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (U G) --

MAY OCT JUN NOV JUL DEC AUG JAN SEP FEB MAR APR

LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	2.194E+04	2.690E+04	3.154E+04	3.145E+04	2.622E+04	2.147E+04	1.780E+04	1.455E+04
IN SOIL MOI	7.160E+03	8.725E+03	1.016E+04	1.011E+04	8.457E+03	6.955E+03	5.786E+03	4.748E+03
ADS ON SOIL	4.829E+05	4.550E+05	4.226E+05	3.915E+05	3.668E+05	3.466E+05	3.299E+05	3.163E+05
IN SOIL AIR	8.300E+03	2.721E+03	2.103E+03	1.814E+03	1.917E+03	2.036E+03	2.085E+03	2.156E+03

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

SUBLAYER 1

MOISTURE	8.37E-04	1.73E-04	1.608E-04	1.489E-04	1.395E-04	1.319E-04	1.255E-04
2.208E-04	1.55E-04	1.11E-04	9.61E-05	8.312E-05			
0.060E-04	9.89E-05	9.187E-05	8.810E-05	7.97E-05	7.59E-05	7.12E-05	
05 6.876E+05	6.602E-05	6.349E-05	5.494E-05	4.749E-05			
ADSORBED	3.981E-04	3.578E-04	3.109E-04	5.659E-04	5.302E-04	5.011E-04	4.769E-04
01 4.572E-04	1.390E-04	4.222E-04	3.653E-04	3.153E-04			
SOIL AIR	3.929E-05	3.749E-05	3.518E-05	3.292E-05	3.073E-05	2.898E-05	2.712E-05
05 2.581E-05	2.459E-05	2.338E-05	2.023E-05	1.750E-05			
FREE LIGAND	3.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

FREE LIGAND	3.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	3.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	3.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

OL DEP CM	1.519E+01	1.714E+01	1.888E+01	2.045E+01	2.170E+01	2.272E+01	2.332E+01
2.347E+01	2.352E+01	2.353E+01	2.355E+01	2.357E+01			

YEAR - 8 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED



UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED 5.577E+04  
TOTAL DEGRADED (MOISTURE) 2.364E+05

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

ZERO VALUES ARE PRINTED

--- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NUM

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 1.325E-04  
ADSORBED SOIL (UG/G) 5.034E-04  
SOIL AIR (UG/ML) 2.860E-05  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

YEAR - MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
DIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
07 7.701	7.221	6.885	6.573	6.549					
DIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
07 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.780	8.204	10.342	7.123	6.082	3.6
04 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
04 0.946	0.298	0.106	0.124	0.566					
STORAGE									
04 1.760	0.834	0.411	0.435	0.618	0.591	-0.917	-0.994	-0.8	
RES. RETEN (CM)			0.634	0.435	0.618	0.591	-0.917	-0.994	-0.8
04 -0.839	-0.311	-0.218	-0.202	-0.216					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
04 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
04 0.084	-0.025	-0.087	-0.137	-0.141					
FIELD (CM)			0.177	1.389	5.170	7.910	4.056	1.638	0.6
04 0.082	0.005	-0.074	-0.126	-0.108					
MAU/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PUMPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

ROAD LOWER: 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	1.291E+04	1.122E+04			
DEGRAD MOIS	9.486E+03	1.183E+04	1.364E+04	1.360E+04	1.134E+04	9.287E+03	7.700E+03	
03	6.297E+03	5.662E+03	5.188E+03	4.514E+03	3.889E+03			
IN SOIL MOI	3.096E+03	3.773E+03	4.384E+03	4.372E+03	3.652E+03	3.009E+03	2.503E+03	
03	2.055E+03	1.850E+03	1.697E+03	1.401E+03	1.207E+03			
ADS ON SOIL	2.088E+05	1.968E+05	1.828E+05	1.693E+05	1.586E+05	1.499E+05	1.427E+05	
05	1.369E+05	1.314E+05	1.264E+05	1.094E+05	9.456E+04			
IN SOIL AIR	1.427E+03	1.177E+03	9.095E+02	7.846E+02	8.290E+02	8.806E+02	9.020E+02	
02	9.327E+02	8.148E+02	8.874E+02	7.818E+02	6.772E+02			

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE  
ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	7.944E-05	7.485E-05	6.953E-05	6.441E-05	6.035E-05	5.705E-05	5.430E-05	
05	5.206E-05	4.839E-05	4.509E-05	4.181E-05	3.853E-05			

ABSORBED	0.019E-04	2.844E-04	2.642E-04	2.449E-04	2.293E-04	2.168E-04	2.063E-04
1.973E-04	3.00E-04	1.937E-04	1.581E-04	1.387E-04			
SOIL AIR	6.99E-05	1.621E-05	1.521E-05	1.424E-05	1.329E-05	1.254E-05	1.173E-05
1.17E-05	0.64E-05	0.012E-05	8.756E-06	7.573E-06			
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:  
 SOIL ZONE 3:  
 LOWER SOIL ZONE:

POL DEP CM	2.407E+01	2.501E+01	2.646E+01	2.832E+01	2.957E+01	3.059E+01	3.118E+01
01 8.135E+01	8.139E+01	8.141E+01	8.142E+01	8.151E+01			

YEAR - 4 ANNUAL SUMMARY REPORT  
 =====

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	48.017
TOTAL INFILTRATION (CM)	45.457
TOTAL EVAPORATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.600
TOTAL YIELD (CM)	20.681

POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL. CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

SUBLAYER 1

TOTAL VOLATILIZED  
TOTAL DEGRADED (MOLEFURE)

2.414E+04  
1.002E+04

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON

ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 5.730E-05  
ADSORBED SOIL (UG/G) 2.178E-04  
SOIL AIR (UG/ML) 1.231E-05  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:



UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CO	0.000E+00	0.000E+00	0.000E+00	5.589E+03	4.857E+03		
DEGRAD MOIS	1.105E+03	5.034E+03	5.903E+03	5.887E+03	4.907E+03	4.019E+03	3.332E+03
IN SOIL MOI	2.725E+03	2.450E+03	2.245E+03	1.958E+03	1.683E+03		
OS	1.340E+03	1.633E+03	1.902E+03	1.892E+03	1.583E+03	1.302E+03	1.083E+03
ADS ON SOIL	8.891E+02	8.005E+02	7.342E+02	6.065E+02	5.224E+02		
ML	5.922E+04	6.687E+04	5.470E+04	4.738E+04	4.092E+04		
IN SOIL AIR	6.176E+02	5.092E+02	3.936E+02	3.395E+02	3.588E+02	3.811E+02	3.903E+02
02	4.036E+02	3.959E+02	3.840E+02	3.388E+02	3.930E+02		

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	3.458E-05	3.240E-05	3.009E-05	2.788E-05	2.612E-05	2.469E-05	2.350E-05
05	2.253E-05	2.163E-05	2.081E-05	1.801E-05	1.557E-05		
%SOLUBILITY	1.965E-05	1.851E-05	1.720E-05	1.593E-05	1.493E-05	1.411E-05	1.343E-05
05	1.287E-05	1.286E-05	1.189E-05	1.029E-05	8.895E-06		
ADSORBED	1.307E-04	1.237E-04	1.144E-04	1.056E-04	9.925E-05	9.381E-05	8.930E-05
05	8.562E-05	8.221E-05	7.908E-05	6.842E-05	5.915E-05		
SOIL AIR	7.352E-06	7.017E-06	6.584E-06	6.162E-06	5.753E-06	5.426E-06	5.078E-06
06	4.838E-06	4.605E-06	4.375E-06	4.139E-06	3.927E-06		

SUBLAYER 2

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 8.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 3

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 8.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 4

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 8.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 3.194E+01 3.289E+01 3.434E+01 3.620E+01 3.744E+01 3.846E+01 3.906E+01  
01 3.922E+01 3.926E+01 3.928E+01 3.930E+01 3.938E+01

YEAR - 5 ANNUAL SUMMARY REPORT

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE 0.000E+00  
SOIL ZONE 2 0.000E+00  
SOIL ZONE 3 0.000E+00  
LOWER SOIL ZONE 0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%) 9.089  
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%) 9.089  
TOTAL PRECIPITATION (CM) 46.017  
TOTAL INFILTRATION (CM) 45.467  
TOTAL EVAPOTRANSPIRATION (CM) 25.356  
TOTAL SURFACE RUNOFF (CM) 0.546  
TOTAL GRW RUNOFF (CM) 20.110  
TOTAL MOISTURE RETENTION (CM) 0.000  
TOTAL YIELD (CM) 20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED

1.045E+04



SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1  
-ZERO VALUES ARE PRINTED -

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	2.480E-05
ADSORBED SOIL (UG/G)	9.424E-05
SOIL AIR (UG/ML)	5.355E-06
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 3.938E-01

1

HYDROLOGIC CYCLE COMPONENTS

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.835	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.835	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.851	0.820	0.120	0.135	0.590					
NET INFILT. (CM)			2.857	5.680	8.128	10.215	7.072	6.056	3.6
19 0.940	0.298	0.108	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.933	5.417	3.8
48 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (U

1  
G) --

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GENERAL NOISE	1.777E-03	2.177E-03	2.854E-03	1.647E-03	2.123E-03	1.777E+03	1.442E+03	1.442E+03
05 1.777E-03	1.000E-03	0.711E-03	0.152E-03	7.233E-03				
IN SOIL AIR	1.777E-03	7.117E-03	0.223E-03	0.157E-03	0.350E+02	5.634E+02	4.687E+02	
00 0.007E-02	0.484E-02	0.177E-02	0.004E-02	0.360E+02				
AIR ON SOIL	0.011E+04	0.085E+04	0.453E+04	0.171E+04	0.971E+04	0.808E+04	2.673E+04	
04 2.562E+04	2.481E+04	2.367E+04	2.048E+04	1.770E+04				
IN SOIL AIR	2.673E-02	2.204E+02	1.703E-02	1.469E+02	1.552E+02	1.649E+02	1.689E+02	
02 1.746E+02	1.713E-02	1.602E+02	1.464E-02	1.203E+02				

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL-ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	1.488E-05	1.402E-05	1.302E-05	1.208E-05	1.130E-05	1.069E-05	1.017E-05
05 9.748E-06	9.351E-06	9.004E-06	7.791E-06	6.735E-06			
%SOLUBILITY	8.502E-06	8.011E-06	7.441E-06	6.893E-06	6.458E-06	6.104E-06	5.810E-06
06 5.570E-06	5.349E-06	5.145E-06	4.452E-06	3.349E-06			
ADSORBED	5.654E-05	5.327E-05	4.948E-05	4.524E-05	4.295E-05	4.059E-05	3.884E-05
05 3.704E-05	3.557E-05	3.421E-05	3.380E-05	2.559E-05			
SOIL AIR	3.181E-06	3.036E-06	2.849E-06	2.660E-06	2.489E-06	2.348E-06	2.197E-06
06 2.091E-06	1.992E-06	1.895E-06	1.639E-06	1.419E-06			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 3.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

FREE LIGAND	0.014E+01	0.014E+01	5.405E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
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SUBLAYER 3

FREE LIGAND 8.814E+01 6.814E+01 5.435E-01 5.061E+01 5.667E-01 8.512E-01 7.150E-01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 4

FREE LIGAND 8.814E+01 6.814E+01 5.435E-01 5.061E+01 5.667E-01 8.512E-01 7.150E-01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 3.981E+01 4.076E+01 4.221E+01 4.407E+01 4.532E+01 4.634E-01 4.694E-01  
 01 4.700E+01 4.714E+01 4.715E+01 4.717E+01 4.725E+01

YEAR - 6 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
 S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
 D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.520E+03
TOTAL DEGRADED (MOISTURE)	1.914E+04

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1  
-- ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	1.073E-05
AESORBED SOIL (UG/G)	4.078E-05
SOIL AIR (UG/ML)	2.317E-06
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 4.725E-01

YEAR - 7

MONTHLY RESULTS (OUTPUT)

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02	5.101E+02	4.586E+02	4.202E+02	3.856E+01	3.183E-01	2.584E+03	2.437E-02	2.028E+
IN SOIL MOI	2.509E+02	3.057E+02	3.560E+02	3.542E-02	3.542E-02	2.584E+03	2.437E-02	2.028E+
02	1.664E+02	1.498E+02	1.374E+02	1.135E+01	3.070E-01			
ADS ON SOIL	1.692E+04	1.594E+04	1.481E+04	1.073E-04	1.285E+04	1.215E-04	1.156E+	
04	1.109E+04	1.064E+04	1.024E+04	8.858E-03	7.657E+03			
IN SOIL AIR	1.156E+02	9.534E+01	7.369E+01	6.056E-01	6.716E+01	7.133E+01	7.306E+	
01	7.555E+01	7.410E+01	7.187E+01	6.332E+01	5.424E+01			

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) --- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	6.437E-06	6.065E-06	5.634E-06	5.218E-06	4.889E-06	4.621E-06	4.399E-
06	4.217E-06	4.049E-06	3.895E-06	3.370E-06	2.913E-06		
%SOLUBILITY	3.678E-06	3.466E-06	3.219E-06	2.982E-06	2.794E-06	2.641E-06	2.513E-
06	2.410E-06	2.314E-06	2.226E-06	1.926E-06	1.655E-06		
ADSORBED	2.446E-05	2.305E-05	2.141E-05	1.983E-05	1.858E-05	1.756E-05	1.671E-
05	1.603E-05	1.539E-05	1.430E-05	1.281E-05	1.107E-05		
SOIL AIR	1.377E-06	1.314E-06	1.233E-06	1.153E-06	1.077E-06	1.016E-06	9.505E-
07	9.046E-07	8.619E-07	8.196E-07	7.091E-07	6.133E-07		
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 2

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E-
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 3

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E-
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

FREE LIGAND 8.814E+01 8.814E+01 5.435E+01 5.081E+01 5.667E+01 6.512E+01 7.450E+01  
 01 3.704E+01 3.233E+01 3.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 4.768E+01 4.863E+01 5.008E+01 5.194E+01 5.319E+01 5.421E+01 5.481E+01  
 01 5.496E+01 5.501E+01 5.502E+01 5.504E+01 5.513E+01

YEAR - 7 ANNUAL SUMMARY REPORT  
 =====

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	20.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.861

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
 S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL. CEC, COMPLEXED, AND  
 D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE. (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	1.955E+03
TOTAL DEGRADED (MOISTURE)	8.283E+03

SUBLAYER 2

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:



SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NO

ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	4.642E-06
ADSORBED SOIL (UG/G)	1.764E-05
SOIL AIR (UG/ML)	1.002E-06
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

FREE LIGAND (UG/ML)	7.826E+01
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SUBLAYER 3

FREE LIGAND (UG/ML)	7.826E+01
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SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M)	5.513E-01
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YEAR - 8      MONTHLY RESULTS (OUTPUT)  
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-- HYDROLOGIC CYCLE COMPONENTS --

MOIS. IN L1 (%)	7.695	3.887	12.833	16.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549			
MOIS. BELOW L1 (%)	7.695	9.837	12.833	16.245	11.829	10.293	8.9
97 7.701	7.221	6.385	6.573	6.549			
PRECIPITATION (CM)	2.770	5.730	9.204	10.342	7.123	6.062	3.6
34 0.951	0.328	0.100	0.105	0.592			
NET INFILT. (CM)	2.657	5.385	8.128	10.215	7.072	6.052	3.6
19 0.946	0.298	0.106	0.124	0.563			
EVAPOTRANS. (CM)	1.910	3.010	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722			
MOIS. RETEN (CM)	0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016			
SUR. RUNOFF (CM)	0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033			
GRW. RUNOFF (CM)	0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141			
YIELD (CM)	0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.102			
PAU/MPA (GZU)	0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997			
PA/MPA (GZ)	0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997			

1 G) -- -- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT I S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	4.370E+02	3.791E+02				
DEGRAD MOIS	3.325E+02	4.076E+02	4.779E+02	4.766E+02	3.972E+02	3.220E+02	2.632E+02	
02 2.139E+02	1.919E+02	1.757E+02	1.527E+02	1.314E+02				
IN SOIL MOI	1.085E+02	1.322E+02	1.540E+02	1.532E+02	1.280E+02	1.034E+02	8.512E+01	
01 0.986E+01	6.266E+01	5.743E+01	4.740E+01	4.073E+01				
ATMOSP COI	7.219E+03	6.895E+03	6.404E+03	5.932E+03	5.550E+03	5.153E+03	4.050E+03	

SUBLAYER 2

DEGRAD MOIS	0.000E+00	0.000E-00	0.000E+00	0.000E+00	2.725E-02	3.367E+00	5.500E+
00 6.754E+00	6.494E-00	6.114E-00	5.690E-00	5.598E-00			
IN SOIL MOI	0.000E-00	0.000E-00	0.000E-00	0.000E+00	1.218E-01	1.980E+00	2.555E+
00 2.309E+00	2.165E-00	2.013E-00	1.874E-00	1.866E+00			
ADS ON SOIL	0.000E-00	0.000E-00	0.000E+00	0.000E+00	7.886E+00	9.910E+01	1.457E+
02 1.533E+00	1.533E-02	1.499E-02	1.403E-02	1.462E+02			
IN SOIL AIR	0.000E+00	0.000E-00	0.000E+00	0.000E+00	4.121E-02	5.819E-01	9.207E-
01 1.048E+00	1.070E+00	1.052E+00	1.045E+00	1.047E+00			

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	2.784E-06	2.623E-06	2.436E-06	2.257E-06	2.111E-06	1.960E-06	1.846E-
06 1.765E-06	1.693E-06	1.628E-06	1.407E-06	1.214E-06			
%SOLUBILITY	1.591E-06	1.499E-06	1.392E-06	1.290E-06	1.207E-06	1.120E-06	1.055E-
06 1.009E-06	9.677E-07	9.302E-07	8.041E-07	6.936E-07			
ADSORBED	1.058E-05	9.968E-06	9.258E-06	8.576E-06	8.023E-06	7.450E-06	7.016E-
06 6.708E-06	6.435E-06	6.186E-06	5.347E-06	4.612E-06			
SOIL AIR	5.954E-07	5.682E-07	5.331E-07	4.983E-07	4.651E-07	4.309E-07	3.990E-
07 3.787E-07	3.604E-07	3.426E-07	2.961E-07	2.555E-07			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E-01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.000E-09	3.770E-08	5.543E-
08 5.350E-08	5.850E-08	5.703E-08	5.564E-08	5.560E-08			
%SOLUBILITY	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.714E-09	2.154E-08	3.167E-
08 3.342E-09	3.343E-08	3.259E-08	3.179E-08	3.177E-08			
ALUMINUM	0.000E-00	0.000E-00	0.000E-00	0.000E+00	1.140E-02	1.480E-07	2.100E-

08 1.255E-08 1.245E-08 1.200E-08 1.171E-08 1.171E-08  
FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 3

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 4

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 5.556E+01 5.650E+01 5.795E+01 5.981E+01 6.106E+01 6.208E+01 6.262E+01  
01 6.283E+01 6.288E+01 6.290E+01 6.291E+01 6.300E+01

YEAR = 8 ANNUAL SUMMARY, REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
PURE PHASE, FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	8.161E+02
TOTAL DEGRADED (MOISTURE)	3.542E+03

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1  
-ZERO VALUES ARE PRINTED -

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	1.977E-06
ADSORBED SOIL (UG/G)	7.513E-06
SOIL AIR (UG/ML)	4.270E-07
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	3.178E-08
ADSORBED SOIL (UG/G)	1.208E-07
SOIL AIR (UG/ML)	6.778E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML)	7.826E+01
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SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M)	3.300E-01
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-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.5
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (UG)

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

0 POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED



SOIL AIR 2.462E-07 2.311E-07 2.115E-07 1.919E-07 1.754E-07 1.625E-07 1.504E-07  
 07 1.427E-07 1.359E-07 1.292E-07 1.117E-07 9.636E-08  
 FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 2

MOISTURE 8.150E-08 7.582E-08 9.430E-08 1.144E-07 1.240E-07 1.303E-07 1.308E-07  
 07 1.230E-07 1.232E-07 1.187E-07 1.147E-07 1.117E-07  
 %SOLUBILITY 8.514E-08 4.333E-08 5.389E-08 6.537E-08 7.036E-08 7.446E-08 7.474E-08  
 08 7.314E-08 7.041E-08 6.785E-08 6.554E-08 6.388E-08  
 ADSORBED 2.337E-07 2.881E-07 3.583E-07 4.347E-07 4.712E-07 4.951E-07 4.970E-07  
 07 4.864E-07 4.682E-07 4.512E-07 4.359E-07 4.245E-07  
 SOIL AIR 1.315E-08 1.642E-08 2.063E-08 2.529E-08 2.731E-08 2.864E-08 2.826E-08  
 08 2.746E-08 2.623E-08 2.498E-08 2.414E-08 2.352E-08  
 FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 3

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 4

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
 01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 6.343E+01 6.438E+01 6.583E+01 6.769E+01 6.893E+01 6.995E+01 7.055E+01  
 01 7.071E+01 7.075E+01 7.077E+01 7.078E+01 7.087E+01

YEAR - 9 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE 0.000E+00  
 SOIL ZONE 2 0.000E+00  
 SOIL ZONE 3 0.000E+00  
 LOWER SOIL ZONE 0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%) 9.089  
 AVERAGE SOIL MOISTURE BELOW ZONE 1 (%) 9.089  
 TOTAL PRECIPITATION (CM) 46.017  
 TOTAL INFILTRATION (CM) 45.467  
 TOTAL EVAPOTRANSPIRATION (CM) 25.356  
 TOTAL SURFACE RUNOFF (CM) 0.546  
 TOTAL GRW RUNOFF (CM) 20.110  
 TOTAL MOISTURE RETENTION (CM) 0.000  
 TOTAL YIELD (CM) 20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED



UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED 3.078E+03  
TOTAL DEGRADED (MOISTURE) 1.231E+03

SUBLAYER 2

TOTAL DEGRADED (MOISTURE) 1.801E+02

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

1 -- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NO  
-- ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 7.659E-07  
ADSORBED SOIL (UG/G) 2.910E-06  
SOIL AIR (UG/ML) 1.654E-07  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 1.106E-07  
ADSORBED SOIL (UG/G) 4.204E-07  
SOIL AIR (UG/ML) 2.384E-08  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4



LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 C -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	6.203E+01	5.377E+01				
DEGRAD MOIS	5.200E+01	6.299E+01	7.232E+01	7.011E+01	5.591E+01	4.570E+01	3.734E+01	
01 3.033E+01	2.721E+01	2.492E+01	2.168E+01	1.863E+01				
IN SOIL MOI	1.691E+01	2.026E+01	2.302E+01	2.218E+01	1.817E+01	1.468E+01	1.207E+01	
01 9.881E+00	8.882E+00	8.153E+00	6.726E+00	5.773E+00				
ADS ON SOIL	1.140E+03	1.057E+03	9.573E+02	8.591E+02	7.881E+02	7.318E+02	6.884E+02	
02 6.582E+02	6.310E+02	6.075E+02	5.249E+02	4.522E+02				
IN SOIL AIR	7.793E+00	6.319E+00	4.764E+00	3.981E+00	4.118E+00	4.297E+00	4.350E+00	
00 4.486E+00	4.392E+00	4.265E+00	3.752E+00	3.238E+00				

SUBLAYER 2

DEGRAD MOIS	1.294E+01	1.659E+01	2.086E+01	2.277E+01	2.052E+01	1.758E+01	1.515E+01	
01 1.256E+01	1.133E+01	1.043E+01	9.655E+00	9.318E+00				
IN SOIL MOI	4.287E+00	5.530E+00	6.990E+00	7.662E+00	6.803E+00	5.850E+00	4.984E+00	
00 4.116E+00	3.704E+00	3.426E+00	3.169E+00	3.057E+00				
ADS ON SOIL	2.891E+02	2.884E+02	2.908E+02	2.968E+02	2.950E+02	2.916E+02	2.842E+02	
02 2.742E+02	2.631E+02	2.552E+02	2.474E+02	2.395E+02				
IN SOIL AIR	1.976E+00	1.724E+00	1.447E+00	1.375E+00	1.542E+00	1.712E+00	1.796E+00	
00 1.869E+00	1.832E+00	1.792E+00	1.768E+00	1.715E+00				

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	4.338E-07	4.020E-07	3.642E-07	3.268E-07	2.998E-07	2.784E-07	2.619E-07
07 2.504E-07	2.400E-07	2.311E-07	1.997E-07	1.720E-07			
%SOLUBILITY	2.479E-07	2.297E-07	2.081E-07	1.868E-07	1.713E-07	1.591E-07	1.487E-07
07 1.431E-07	1.372E-07	1.321E-07	1.141E-07	9.830E-08			
ADSORBED	1.648E-06	1.528E-06	1.384E-06	1.242E-06	1.139E-06	1.058E-06	9.952E-07
07 9.515E-07	9.122E-07	8.782E-07	7.589E-07	6.537E-07			
SOIL AIR	9.276E-08	8.707E-08	7.969E-08	7.224E-08	6.604E-08	6.119E-08	5.659E-08
08 5.371E-08	5.109E-08	4.863E-08	4.202E-08	3.622E-08			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	1.100E-07	1.097E-07	1.106E-07	1.129E-07	1.122E-07	1.109E-07	1.081E-07
07 1.043E-07	1.001E-07	9.710E-08	9.410E-08	9.110E-08			
%SOLUBILITY	6.286E-08	6.269E-08	6.321E-08	6.451E-08	6.413E-08	6.338E-08	6.177E-08
08 5.960E-08	5.720E-08	5.549E-08	5.377E-08	5.206E-08			
ADSORBED	4.180E-07	4.169E-07	4.208E-07	4.290E-07	4.265E-07	4.215E-07	4.108E-07
07 3.963E-07	3.804E-07	3.690E-07	3.576E-07	3.462E-07			
SOIL AIR	2.352E-08	2.376E-08	2.420E-08	2.495E-08	2.472E-08	2.438E-08	2.336E-08
08 2.237E-08	2.130E-08	2.043E-08	1.980E-08	1.918E-08			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	7.130E+01	7.225E+01	7.370E+01	7.556E+01	7.681E+01	7.783E+01	7.843E+01
01 7.858E+01	7.863E+01	7.864E+01	7.866E+01	7.874E+01			

YEAR - 10 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.689
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.593
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.487
TOTAL EVAPOTRANSPIRATION (CM)	25.358
TOTAL SURFACE RUNOFF (CM)	0.548
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 --- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT  
 S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
 D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	1.158E+02
TOTAL DEGRADED (MOISTURE)	5.202E+02

SUBLAYER 2

TOTAL DEGRADED (MOISTURE)	1.798E+02
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SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

1 --- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON  
 -ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	2.884E-07
ADSORBED SOIL (UG/G)	1.096E-06
SOIL AIR (UG/ML)	6.227E-08
FREE LIGAND (UG/ML)	7.826E-01

SOIL MOISTURE (UG/ML) 1.051E-07  
 ADSORBED SOIL (UG/G) 3.994E-07  
 SOIL AIR (UG/ML) 2.267E-08  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 7.874E-01

YEAR -11 MONTHLY RESULTS (OUTPUT)

--- HYDROLOGIC CYCLE COMPONENTS ---

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAC/MDA (320)			0.996	0.997	0.993	0.998	1.005	1.000	1.0
34 0.990	1.059	1.087	1.123	-0.997					

	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

--- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	1.953E+01	2.358E+01	2.700E+01	2.612E+01	2.116E+01	1.694E+01	1.383E+01
IN SOIL MOI	6.340E+00	7.572E+00	8.588E+00	8.256E+00	6.752E+00	5.427E+00	4.477E+00
ADS ON SOIL	4.277E+02	3.948E+02	3.572E+02	3.197E+02	2.928E+02	2.705E+02	2.552E+02
IN SOIL AIR	2.923E+00	2.361E+00	1.778E+00	1.482E+00	1.530E+00	1.588E+00	1.613E+00

SUBLAYER 2

DEGRAD MOIS	1.045E+01	1.301E+01	1.569E+01	1.627E+01	1.405E+01	1.178E+01	9.896E+00
IN SOIL MOI	3.425E+00	4.264E+00	5.138E+00	5.335E+00	4.585E+00	3.850E+00	3.232E+00
ADS ON SOIL	2.311E+02	2.224E+02	2.137E+02	2.066E+02	1.992E+02	1.919E+02	1.843E+02
IN SOIL AIR	1.579E+00	1.330E+00	1.063E+00	9.574E-01	1.041E+00	1.127E+00	1.164E+00

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 1:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	1.627E-07	1.502E-07	1.359E-07	1.216E-07	1.114E-07	1.029E-07	9.710E-08
08 9.273E-08	8.980E-08	8.680E-08	7.483E-08	6.460E-08			
%SOLUBILITY	9.297E-08	8.583E-08	7.766E-08	6.951E-08	6.366E-08	5.880E-08	5.549E-08
08 5.299E-08	5.131E-08	4.960E-08	4.276E-08	3.691E-08			
ADSORBED	6.183E-07	5.708E-07	5.164E-07	4.622E-07	4.233E-07	3.910E-07	3.690E-07
07 3.524E-07	3.412E-07	3.298E-07	2.844E-07	2.455E-07			
SOIL AIR	3.479E-08	3.254E-08	2.974E-08	2.689E-08	2.454E-08	2.262E-08	2.098E-08
08 1.989E-08	1.911E-08	1.826E-08	1.575E-08	1.360E-08			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	8.790E-08	8.460E-08	8.130E-08	7.860E-08	7.580E-08	7.300E-08	7.010E-08
08 6.720E-08	6.420E-08	6.120E-08	5.823E-08	5.583E-08			
%SOLUBILITY	5.023E-08	4.834E-08	4.646E-08	4.491E-08	4.331E-08	4.171E-08	4.006E-08
08 3.840E-08	3.669E-08	3.497E-08	3.327E-08	3.190E-08			
ADSORBED	3.340E-07	3.215E-07	3.089E-07	2.987E-07	2.880E-07	2.774E-07	2.664E-07
07 2.554E-07	2.440E-07	2.326E-07	2.213E-07	2.122E-07			
SOIL AIR	1.880E-08	1.832E-08	1.779E-08	1.737E-08	1.670E-08	1.604E-08	1.515E-08
08 1.442E-08	1.366E-08	1.288E-08	1.225E-08	1.175E-08			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

FREE LIGAND	7.917E+01	8.012E+01	8.157E+01	8.346E+01	8.468E+01	8.570E+01	8.630E+01
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TOTAL INFUTE (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.548
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT J  
S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.344E+01
TOTAL DEGRADED (MOISTURE)	1.940E+02

SUBLAYER 2

TOTAL DEGRADED (MOISTURE)	1.250E+02
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SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 1.076E-07  
 ADSORBED SOIL (UG/G) 4.087E-07  
 SOIL AIR (UG/ML) 2.322E-08  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 7.150E-08  
 ADSORBED SOIL (UG/G) 2.717E-07  
 SOIL AIR (UG/ML) 1.543E-08  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 8.662E-01

YEAR -12 MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97	7.701	7.221	6.835	6.573	6.549				
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97	7.701	7.221	6.835	6.573	6.549				
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34	0.951	0.328	0.120	0.125	0.598				
NET INFILT. (CM)			0.657	5.000	3.123	10.215	7.072	6.056	3.6

46	1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN	CM)	0.684	1.445	1.616	0.591	-0.917	0.994	-0.8		
39	-0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF	CM)	0.113	0.050	0.076	0.127	0.051	0.026	0.0		
15	0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF	CM)	0.064	1.219	5.100	7.783	4.005	1.633	0.6		
12	0.000	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)		0.177	1.269	5.176	7.910	4.056	1.659	0.6		
27	0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZ)		0.996	0.997	0.993	0.998	1.006	1.000	1.0		
04	0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)		0.996	0.997	0.993	0.998	1.006	1.000	1.0		
04	0.990	1.059	1.087	1.123	0.997					

1 -- POLLUTANT MASS INPUT TO COLUMN (U

G) --

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	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

0 POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1	
VOLATILIZED	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
00 0.000E+00	0.000E+00 0.000E+00 8.453E+00 7.598E+00
DEGRAD MOIS	7.360E+00 8.917E+00 1.016E+01 9.732E+00 7.904E+00 6.416E+00 5.207E+00
00 4.170E+00	3.715E+00 3.383E+00 2.955E+00 2.633E+00
IN SOIL MOI	2.397E+00 2.863E+00 3.217E+00 3.062E+00 2.546E+00 2.062E+00 1.669E+00
00 1.351E+00	1.211E+00 1.102E+00 9.330E-01 8.289E-01
ADS ON SOIL	1.617E+02 1.493E+02 1.338E+02 1.186E+02 1.104E+02 1.028E+02 9.516E+01
01 9.000E+01	8.603E+01 8.209E+01 7.281E+01 6.493E+01
IN SOIL AIR	1.105E+00 8.928E-01 6.658E-01 5.496E-01 5.769E-01 6.035E-01 6.013E-01
01 6.134E-01	5.989E-01 5.763E-01 5.205E-01 4.650E-01
SUBLAYER 2	
DIFUSED UP	0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
00 0.000E+00	0.000E+00 0.000E+00 1.093E+00 1.415E+00
DEGRAD MOIS	6.374E+00 7.851E+00 9.299E+00 9.427E+00 7.927E+00 6.617E+00 5.517E+00
00 4.493E+00	4.025E+00 3.580E+00 3.337E+00 3.123E+00

ADS ON SOIL 1.402E+02 1.334E+02 1.251E+02 1.186E-02 1.123E+02 1.074E+02 1.023E-  
 02 9.726E+01 9.339E+01 8.945E-01 8.422E+01 7.893E-01  
 IN SOIL AIR 9.582E-01 7.975E-01 6.226E-01 5.497E-01 5.071E-01 5.304E-01 5.466E-  
 01 6.628E-01 6.501E-01 6.280E-01 6.020E-01 5.655E-01

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS /  
 ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	6.150E-08	5.680E-08	5.090E-08	4.512E-08	4.200E-08	3.910E-08	3.620E-
08 3.424E-08	3.273E-08	3.123E-08	2.770E-08	2.470E-08			
%SOLUBILITY	3.514E-08	3.246E-08	2.909E-08	2.578E-08	2.400E-08	2.234E-08	2.069E-
08 1.957E-08	1.870E-08	1.785E-08	1.583E-08	1.411E-08			
ADSORBED	2.337E-07	2.158E-07	1.934E-07	1.715E-07	1.596E-07	1.486E-07	1.376E-
07 1.301E-07	1.244E-07	1.187E-07	1.053E-07	9.386E-08			
SOIL AIR	1.315E-08	1.230E-08	1.114E-08	9.973E-09	9.251E-09	8.594E-09	7.822E-
09 7.345E-09	6.966E-09	6.572E-09	5.829E-09	5.200E-09			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	5.334E-08	5.074E-08	4.760E-08	4.513E-08	4.274E-08	4.084E-08	3.892E-
08 3.700E-08	3.553E-08	3.403E-08	3.204E-08	3.004E-08			
%SOLUBILITY	3.048E-08	2.399E-08	2.720E-08	2.579E-08	2.442E-08	2.364E-08	2.224E-
08 2.114E-08	2.030E-08	1.945E-08	1.831E-08	1.717E-08			
ADSORBED	2.027E-07	1.928E-07	1.809E-07	1.715E-07	1.624E-07	1.552E-07	1.479E-
07 1.406E-07	1.350E-07	1.293E-07	1.218E-07	1.142E-07			
SOIL AIR	1.141E-08	1.099E-08	1.042E-08	9.975E-09	9.414E-09	8.976E-09	8.410E-
09 7.937E-09	7.562E-09	7.161E-09	6.742E-09	6.324E-09			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E-
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

SUBLAYER 4

FREE LIGAND 8.814E+01 8.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 8.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 8.705E+01 8.799E+01 8.944E+01 9.130E+01 9.255E+01 9.357E+01 9.417E+01  
01 8.432E+01 8.437E+01 9.439E+01 9.440E+01 9.449E+01

YEAR - 12 ANNUAL SUMMARY REPORT

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	1.605E+01
TOTAL DEGRADED (MOISTURE)	7.255E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	2.508E+00
TOTAL DEGRADED (MOISTURE)	7.173E+01

SUBLAYER 3

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NO

1  
--ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	4.018E-08
ADSORBED SOIL (UG/G)	1.527E-07
SOIL AIR (UG/ML)	8.679E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	4.066E-08
ADSORBED SOIL (UG/G)	1.545E-07
SOIL AIR (UG/ML)	8.776E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML)	7.826E+01
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SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M)	9.449E-01
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-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.823	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.823	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (UG)

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SMELAYER 1





SUBLAYER 2

MOISTURE	2.850E-08	2.690E-08	2.530E-08	2.373E-08	2.223E-08	2.080E-08	2.080E-
CE 2.080E-08	2.080E-08	2.080E-08	1.920E-08	1.770E-08			
WATER SOLUBILITY	1.629E-08	1.537E-08	1.446E-08	1.356E-08	1.270E-08	1.189E-08	1.189E-
CE 1.189E-08	1.189E-08	1.189E-08	1.097E-08	1.011E-08			
ADSORBED	1.083E-07	1.022E-07	9.614E-08	9.017E-08	8.447E-08	7.904E-08	7.904E-
CE 7.904E-08	7.904E-08	7.904E-08	7.296E-08	6.726E-08			
SOIL AIR	6.094E-09	5.826E-09	5.536E-09	5.245E-09	4.896E-09	4.572E-09	4.494E-
CE 4.494E-09	4.427E-09	4.377E-09	4.040E-09	3.726E-09			
FREE LIGAND	8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

FREE LIGAND	8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	9.492E+01	9.586E+01	9.731E+01	9.917E+01	1.004E+02	1.014E+02	1.020E+
02 1.022E+02	1.022E+02	1.023E+02	1.023E+02	1.024E+02			

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	6.972E+00
TOTAL DEGRADED (MOISTURE)	2.729E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	4.138E+00
TOTAL DEGRADED (MOISTURE)	3.880E+01

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1  
ZERO VALUES ARE PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	1.536E-08
ADSORBED SOIL (UG/G)	5.836E-08
SOIL AIR (UG/ML)	3.313E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	2.230E-08
ADSORBED SOIL (UG/G)	8.473E-08
SOIL AIR (UG/ML)	4.808E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML)	7.826E+01
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SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:



LOAD LOWER 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	2.437E+00	2.499E+00			
DEGRAD MOIS	1.299E+00	1.603E+00	1.937E+00	1.849E+00	1.532E+00	1.377E+00	1.203E+00	
00	1.030E+00	0.353E-01	9.203E-01	0.381E-01	3.658E-01			
IN SOIL MOI	4.326E-01	5.545E-01	6.193E-01	5.905E-01	5.273E-01	4.589E-01	4.011E-01	
01	3.433E-01	3.213E-01	3.069E-01	2.897E-01	2.886E-01			
ADS ON SOIL	2.918E+01	2.391E+01	2.576E+01	2.287E+01	2.287E+01	2.287E+01	2.287E+01	2.287E+01
01	2.287E+01	2.287E+01	2.287E+01	2.261E+01	2.261E+01			
IN SOIL AIR	1.994E-01	1.729E-01	1.232E-01	1.060E-01	1.195E-01	1.343E-01	1.445E-01	
01	1.559E-01	1.592E-01	1.605E-01	1.616E-01	1.619E-01			

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	1.883E+00	1.459E+00			
DEGRAD MOIS	2.058E+00	2.646E+00	3.203E+00	3.284E+00	2.891E+00	2.516E+00	2.199E+00	
00	1.882E+00	1.765E+00	1.883E+00	1.527E+00	1.371E+00			
IN SOIL MOI	6.859E-01	8.821E-01	1.055E+00	1.079E+00	9.633E-01	8.386E-01	7.330E-01	
01	6.274E-01	5.883E-01	5.610E-01	4.850E-01	4.329E-01			
ADS ON SOIL	4.626E+01	4.600E+01	4.390E+01	4.179E+01	4.179E+01	4.179E+01	4.179E+01	4.179E+01
01	4.179E+01	4.179E+01	4.179E+01	3.785E+01	3.391E+01			
IN SOIL AIR	3.162E-01	2.751E-01	2.184E-01	1.937E-01	2.184E-01	2.454E-01	2.641E-01	
01	2.848E-01	2.909E-01	2.934E-01	2.706E-01	2.428E-01			

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	1.110E-08	1.100E-08	9.800E-09	8.700E-09	8.700E-09	8.700E-09	8.700E-09
08 2.700E-08	3.700E-09	3.700E-09	3.600E-09	3.600E-09	3.600E-09	3.600E-09	3.600E-09
%SOLUBILITY	5.343E-09	5.286E-09	5.600E-09	4.971E-09	4.971E-09	4.971E-09	4.971E-09
09 4.971E-09	4.971E-09	4.971E-09	4.914E-09	4.914E-09	4.914E-09	4.914E-09	4.914E-09
ADSORBED	4.218E-08	4.180E-08	3.724E-08	3.306E-08	3.306E-08	3.306E-08	3.306E-08
08 3.306E-08	3.306E-08	3.306E-08	3.268E-08	3.268E-08	3.268E-08	3.268E-08	3.268E-08
SOIL AIR	2.374E-09	2.383E-09	2.144E-09	1.923E-09	1.916E-09	1.912E-09	1.880E-09
09 1.866E-09	1.852E-09	1.831E-09	1.810E-09	1.811E-09	1.811E-09	1.811E-09	1.811E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	1.760E-08	1.750E-08	1.670E-08	1.590E-08	1.590E-08	1.590E-08	1.590E-08
08 1.590E-08	1.590E-08	1.590E-08	1.440E-08	1.290E-08	1.290E-08	1.290E-08	1.290E-08
%SOLUBILITY	1.006E-08	1.000E-08	9.543E-09	9.086E-09	9.086E-09	9.086E-09	9.086E-09
09 9.086E-09	9.086E-09	9.086E-09	8.229E-09	7.371E-09	7.371E-09	7.371E-09	7.371E-09
ADSORBED	6.688E-08	6.650E-08	6.346E-08	6.042E-08	6.042E-08	6.042E-08	6.042E-08
08 6.042E-08	6.042E-08	6.042E-08	5.472E-08	4.902E-08	4.902E-08	4.902E-08	4.902E-08
SOIL AIR	3.764E-09	3.790E-09	3.654E-09	3.514E-09	3.502E-09	3.495E-09	3.436E-09
09 3.411E-09	3.384E-09	3.346E-09	3.030E-09	2.716E-09	2.716E-09	2.716E-09	2.716E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	1.028E+02	1.037E+02	1.052E+02	1.070E+02	1.083E+02	1.093E+02	1.099E+02
02 1.101E+02	1.101E+02	1.101E+02	1.101E+02	1.102E+02	1.102E+02	1.102E+02	1.102E+02

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 --- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AN  
 D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.985E+00
TOTAL DEGRADED (MOISTURE)	1.556E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	3.342E+00
TOTAL DEGRADED (MOISTURE)	2.703E+01

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

1 --- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON  
 -ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	9.167E-09
ADSORBED SOIL (UG/G)	3.483E-08
SOIL AIR (UG/ML)	1.975E-09
FREE LIGAND (UG/ML)	7.826E+01

SOIL MOISTURE (UG/ML) 1.587E-08  
 ADECREED SOIL (UG/G) 6.029E-08  
 SOIL AIR (UG/ML) 3.420E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUPLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUPLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.102E+00

1

YEAR -15 MONTHLY RESULTS (OUTPUT)

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-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.9
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.078	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.0
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.0
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0

(G) --

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	2.371E+00	2.383E+00				
DEGRAD MOIS	1.005E+00	1.285E+00	1.593E+00	1.690E+00	1.509E+00	1.313E+00	1.148E+00	
00 9.826E-01	9.214E-01	8.785E-01	8.287E-01	8.256E-01				
IN SOIL MOI	3.351E-01	4.285E-01	5.308E-01	5.633E-01	5.031E-01	4.378E-01	3.827E-01	
01 3.275E-01	3.071E-01	2.928E-01	2.762E-01	2.752E-01				
ADS ON SOIL	2.261E+01	2.234E+01	2.208E+01	2.182E+01	2.182E+01	2.182E+01	2.182E+01	
01 2.182E+01	2.182E+01	2.182E+01	2.155E+01	2.155E+01				
IN SOIL AIR	1.545E-01	1.336E-01	1.099E-01	1.011E-01	1.140E-01	1.281E-01	1.379E-01	
01 1.487E-01	1.519E-01	1.532E-01	1.541E-01	1.544E-01				

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	1.243E+00	1.249E+00				
DEGRAD MOIS	1.497E+00	1.921E+00	2.389E+00	2.545E+00	2.273E+00	1.978E+00	1.729E+00	
00 1.480E+00	1.388E+00	1.323E+00	1.263E+00	1.258E+00				
IN SOIL MOI	4.988E-01	6.402E-01	7.963E-01	8.484E-01	7.577E-01	6.593E-01	5.763E-01	
01 4.933E-01	4.625E-01	4.410E-01	4.210E-01	4.195E-01				
ADS ON SOIL	3.365E+01	3.338E+01	3.312E+01	3.286E+01	3.286E+01	3.286E+01	3.286E+01	
01 3.286E+01	3.286E+01	3.286E+01	3.286E+01	3.286E+01				
IN SOIL AIR	2.299E-01	1.996E-01	1.648E-01	1.523E-01	1.717E-01	1.930E-01	2.076E-01	
01 2.239E-01	2.287E-01	2.307E-01	2.349E-01	2.353E-01				

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:



SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	8.600E-09	8.500E-09	8.400E-09	8.300E-09	8.300E-09	8.300E-09	8.300E-09
08	8.300E-09	8.300E-09	8.300E-09	8.200E-09	8.200E-09		
%SOLUBILITY	4.914E-09	4.857E-09	4.800E-09	4.743E-09	4.743E-09	4.743E-09	4.743E-09
09	4.743E-09	4.743E-09	4.743E-09	4.686E-09	4.686E-09		
ADSORBED	3.268E-08	3.230E-08	3.192E-08	3.154E-08	3.154E-08	3.154E-08	3.154E-08
08	3.154E-08	3.154E-08	3.154E-08	3.116E-08	3.116E-08		
SOIL AIR	1.839E-09	1.841E-09	1.838E-09	1.835E-09	1.828E-09	1.824E-09	1.793E-09
09	1.780E-09	1.767E-09	1.747E-09	1.725E-09	1.726E-09		
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 2

MOISTURE	1.280E-08	1.270E-08	1.260E-08	1.250E-08	1.250E-08	1.250E-08	1.250E-08
08	1.250E-08	1.250E-08	1.250E-08	1.250E-08	1.250E-08		
%SOLUBILITY	7.314E-09	7.257E-09	7.200E-09	7.143E-09	7.143E-09	7.143E-09	7.143E-09
09	7.143E-09	7.143E-09	7.143E-09	7.143E-09	7.143E-09		
ADSORBED	4.864E-08	4.826E-08	4.788E-08	4.750E-08	4.750E-08	4.750E-08	4.750E-08
08	4.750E-08	4.750E-08	4.750E-08	4.750E-08	4.750E-08		
SOIL AIR	2.737E-09	2.751E-09	2.754E-09	2.763E-09	2.753E-09	2.747E-09	2.701E-09
09	2.681E-09	2.660E-09	2.630E-09	2.630E-09	2.632E-09		
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 3

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.457
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
 S ZERO EACH MONTH, IT IS NOT PRINTED

-----  
 FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
 D PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)  
 -----

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.753E+00
TOTAL DEGRADED (MOISTURE)	1.398E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	2.492E+00
TOTAL DEGRADED (MOISTURE)	2.104E+01

SUBLAYER 3

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

ZERO VALUES ARE PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 8.333E-09  
 ADSORBED SOIL (UG/G) 3.167E-08  
 SOIL AIR (UG/ML) 1.795E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 1.255E-08  
 ADSORBED SOIL (UG/G) 4.709E-08  
 SOIL AIR (UG/ML) 2.704E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.181E+00

YEAR -16 MONTHLY RESULTS (OUTPUT)  
 =====

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.0
97 7.701		7.221	6.885	6.573	6.549				
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.0
97 7.701		7.221	6.885	6.573	6.549				
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.0

18	0.948	1.059	0.998	0.997	0.993	0.998	1.000	1.000	1.0
48	1.700	1.685	0.911	0.980	0.722				
MOIS. RETEN (CM)		0.004	1.415	1.815	0.501	0.017	0.004	-0.8	
08	-0.989	-0.911	-0.219	-0.202	0.018				
SOL. INGEST (CM)		0.110	0.050	0.070	0.127	0.051	0.025	0.0	
15	0.000	0.000	0.010	0.011	0.030				
GRW. INGEST (CM)		0.004	1.318	5.100	7.700	4.005	1.828	0.6	
12	0.004	0.004	-0.007	-0.137	-0.141				
YIELD (CM)		0.177	1.200	5.176	7.510	4.050	1.659	0.6	
27	0.009	0.005	-0.074	-0.120	-0.100				

PAU/MPA (GZ)		0.990	0.997	0.993	0.998	1.000	1.000	1.0	
04	0.990	1.059	1.087	1.123	0.997				
PA/MPA (GZ)		0.990	0.997	0.993	0.998	1.000	1.000	1.0	
04	0.990	1.059	1.087	1.123	0.997				

-- POLLUTANT MASS INPUT TO COLUMN (UG)

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	2.255E+00	2.266E+00				
DEGRAD MOIS	9.587E-01	1.225E+00	1.517E+00	1.609E+00	1.437E+00	1.250E+00	1.093E+00	
00 9.352E-01	2.770E-01	8.362E-01	7.883E-01	7.853E-01				
IN SOIL MOI	3.196E-01	4.083E-01	5.056E-01	5.362E-01	4.788E-01	4.157E-01	3.642E-01	
01 3.117E-01	2.923E-01	2.787E-01	2.627E-01	2.618E-01				
ADS ON SOIL	2.155E+01	2.129E+01	2.103E+01	2.077E+01	2.077E+01	2.077E+01	2.077E+01	
01 2.077E+01	2.077E+01	2.077E+01	2.050E+01	2.050E+01				
IN SOIL AIR	1.473E-01	1.273E-01	1.046E-01	9.623E-02	1.085E-01	1.219E-01	1.312E-01	
01 1.415E-01	1.446E-01	1.458E-01	1.466E-01	1.468E-01				

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	1.040E+00	1.040E+00				

IN SOIL MOI	0.832E-01	0.832E-01	0.832E-01	0.832E-01	0.832E-01	0.832E-01	0.832E-01
OS 1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03			
IN SOIL MOI	0.250E-01	0.250E-01	0.250E-01	0.250E-01	0.250E-01	0.250E-01	0.250E-01
OS 2.997E-01	2.997E-01	2.997E-01	2.997E-01	2.997E-01	2.997E-01	2.997E-01	2.997E-01
IN SOIL AIR	0.227E-01	1.933E-01	1.596E-01	1.393E-01	1.566E-01	1.760E-01	1.804E-01
OS 2.042E-01	2.086E-01	2.104E-01	2.142E-01	2.146E-01			

SUBLAYER 0

DEGRAD MOIS	0.000E+00	0.000E+00	0.000E+00	0.823E-04	1.318E-03	1.582E-03	1.383E-03
OS 1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03			
IN SOIL MOI	0.000E+00	0.000E+00	0.000E+00	6.787E-04	6.061E-04	5.274E-04	4.610E-04
OS 3.946E-04	3.700E-04	3.523E-04	3.368E-04	3.356E-04			
ADS ON SOIL	0.000E+00	0.000E+00	0.000E+00	2.629E-02	2.629E-02	2.629E-02	2.629E-02
OS 2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
IN SOIL AIR	0.000E+00	0.000E+00	0.000E+00	1.218E-04	1.374E-04	1.544E-04	1.661E-04
OS 1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04			

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	8.200E-09	8.100E-09	8.000E-09	7.900E-09	7.900E-09	7.800E-09	7.900E-09
OS 7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.800E-09		
%SOLUBILITY	4.686E-09	4.629E-09	4.571E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09
OS 4.514E-09	4.514E-09	4.514E-09	4.457E-09	4.457E-09			
ADSORBED	3.116E-08	3.078E-08	3.040E-08	3.002E-08	3.002E-08	3.002E-08	3.002E-08
OS 3.002E-08	3.002E-08	3.002E-08	2.964E-08	2.964E-08			
SOIL AIR	1.753E-09	1.754E-09	1.750E-09	1.746E-09	1.740E-09	1.736E-09	1.707E-09
OS 1.695E-09	1.681E-09	1.662E-09	1.641E-09	1.642E-09			
FREE LIGAND	8.814E+01	6.814E+01	5.455E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
OS 3.704E+01	3.283E+01	3.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	1.240E-08	1.230E-08	1.220E-08	1.144E-08	1.140E-08	1.140E-08	1.140E-08
OS 1.140E-08	1.140E-08	1.140E-08	1.140E-08	1.140E-08			
%SOLUBILITY	7.036E-09	7.026E-09	6.971E-09	6.537E-09	6.514E-09	6.514E-09	6.514E-09

08 4.892E-08 4.892E-08 4.892E-08 4.892E-08 4.892E-08 4.892E-08 4.892E-08 4.892E-08  
SOIL AIR 1.852E+00 1.852E+00 1.852E+00 1.852E+00 1.852E+00 1.852E+00 1.852E+00 1.852E+00  
08 2.445E-06 2.445E-06 2.445E-06 2.445E-06 2.445E-06 2.445E-06 2.445E-06 2.445E-06  
FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 3

MOISTURE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11  
%SOLUBILITY 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
12 5.714E-12 5.714E-12 5.714E-12 5.714E-12 5.714E-12 5.714E-12 5.714E-12  
ADSORBED 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
11 3.800E-11 3.800E-11 3.800E-11 3.800E-11 3.800E-11 3.800E-11 3.800E-11  
SOIL AIR 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
12 2.145E-12 2.128E-12 2.104E-12 2.104E-12 2.105E-12 2.105E-12 2.105E-12  
FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SUBLAYER 4

FREE LIGAND 8.814E+01 6.814E+01 5.435E+01 5.061E+01 5.667E+01 6.512E+01 7.450E+01  
01 8.704E+01 9.283E+01 9.735E+01 1.020E+02 1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 1.185E+02 1.195E+02 1.209E+02 1.228E+02 1.240E+02 1.251E+02 1.257E+02  
02 1.258E+02 1.259E+02 1.259E+02 1.259E+02 1.260E+02

YEAR 16 ANNUAL SUMMARY REPORT

--- TOTAL INPUTS (UG) ---

UPPER SOIL ZONE 0.000E+00  
SOIL ZONE 2 0.000E+00  
SOIL ZONE 3 0.000E+00  
LOWER SOIL ZONE 0.000E+00

--- HYDROLOGIC CYCLE COMPONENTS ---

AVERAGE SOIL MOISTURE ZONE 1 (%) 9.039  
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%) 9.039  
TOTAL PRECIPITATION (CM) 46.017  
TOTAL INFILTRATION (CM) 45.467  
TOTAL EVAPOTRANSPIRATION (CM) 25.356  
TOTAL SURFACE RUNOFF (CM) 0.548  
TOTAL GRW RUNOFF (CM) 20.110  
TOTAL MOISTURE RETENTION (CM) 0.000  
TOTAL YIELD (CM) 20.661

--- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.522E+00
TOTAL DEGRADED (MOISTURE)	1.331E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	2.086E+00
TOTAL DEGRADED (MOISTURE)	1.963E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.104E-02
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SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- AVERAGE POLLUTANT CONCENTRATIONS --- NOTE: ONLY NON

ZERO VALUES ARE PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	7.933E-09
ADSORBED SOIL (UG/G)	3.015E-08
SOIL AIR (UG/ML)	1.709E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	1.163E-08
ADSORBED SOIL (UG/G)	4.419E-08
SOIL AIR (UG/ML)	2.505E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	7.500E-12
ADSORBED SOIL (UG/G)	2.850E-11
SOIL AIR (UG/ML)	1.613E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4





00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0  
 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	2.140E+00	2.150E+00			
DEGRAD MOIS	9.119E-01	1.165E+00	1.441E+00	1.527E+00	1.354E+00	1.187E+00	1.037E-	
00	8.879E-01	8.326E-01	7.938E-01	7.479E-01	7.450E-01			
IN SOIL MOI	8.040E-01	3.881E-01	4.803E-01	5.090E-01	4.546E-01	3.956E-01	3.458E-	
01	2.960E-01	2.775E-01	2.646E-01	2.492E-01	2.483E-01			
ADS ON SOIL	2.050E+01	2.024E+01	1.998E+01	1.971E+01	1.971E+01	1.971E+01	1.971E+	
01	1.971E+01	1.971E+01	1.971E+01	1.945E+01	1.945E+01			
IN SOIL AIR	1.401E-01	1.210E-01	9.941E-02	9.135E-02	1.030E-01	1.158E-01	1.246E-	
01	1.344E-01	1.372E-01	1.384E-01	1.390E-01	1.393E-01			

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	1.040E+00	1.046E+00			
DEGRAD MOIS	1.321E+00	1.694E+00	2.104E+00	2.240E+00	2.000E+00	1.741E+00	1.521E-	
00	1.302E+00	1.221E+00	1.164E+00	1.112E+00	1.107E+00			
IN SOIL MOI	4.404E-01	5.646E-01	7.015E-01	7.466E-01	6.667E-01	5.802E-01	5.071E-	
01	4.341E-01	4.070E-01	3.881E-01	3.705E-01	3.692E-01			
ADS ON SOIL	2.970E+01	2.944E+01	2.918E+01	2.891E+01	2.891E+01	2.891E+01	2.891E+	
01	2.891E+01	2.891E+01	2.891E+01	2.891E+01	2.891E+01			
IN SOIL AIR	2.030E-01	1.760E-01	1.452E-01	1.340E-01	1.511E-01	1.698E-01	1.827E-	
01	1.971E-01	2.013E-01	2.030E-01	2.067E-01	2.071E-01			

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-	
03	1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03			
IN SOIL MOI	6.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-	
04	3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04			
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-	
02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02			
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-	
04	1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04			

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

LOWER SOIL ZONE:

SUBLAYER 1

POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	7.800E-09	7.700E-09	7.600E-09	7.500E-09	7.500E-09	7.500E-09	7.500E-09
09 7.500E-09	7.500E-09	7.500E-09	7.400E-09	7.400E-09			
%SOLUBILITY	4.457E-09	4.400E-09	4.343E-09	4.286E-09	4.286E-09	4.286E-09	4.286E-09
09 4.286E-09	4.286E-09	4.286E-09	4.229E-09	4.229E-09			
ADSORBED	2.964E-08	2.926E-08	2.888E-08	2.850E-08	2.850E-08	2.850E-08	2.850E-08
08 2.350E-08	2.350E-08	2.850E-08	2.812E-08	2.812E-08			
SOIL AIR	1.668E-09	1.668E-09	1.663E-09	1.658E-09	1.652E-09	1.648E-09	1.621E-09
09 1.609E-09	1.596E-09	1.578E-09	1.557E-09	1.558E-09			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 2

MOISTURE	1.130E-08	1.120E-08	1.110E-08	1.100E-08	1.100E-08	1.100E-08	1.100E-08
08 1.100E-08	1.100E-08	1.100E-08	1.100E-08	1.100E-08			
%SOLUBILITY	6.457E-09	6.400E-09	6.343E-09	6.286E-09	6.286E-09	6.286E-09	6.286E-09
09 6.286E-09	6.286E-09	6.286E-09	6.286E-09	6.286E-09			
ADSORBED	4.294E-08	4.256E-08	4.218E-08	4.180E-08	4.180E-08	4.180E-08	4.180E-08
08 4.180E-08	4.180E-08	4.180E-08	4.180E-08	4.180E-08			
SOIL AIR	2.416E-09	2.426E-09	2.429E-09	2.431E-09	2.423E-09	2.418E-09	2.377E-09
09 2.360E-09	2.341E-09	2.315E-09	2.315E-09	2.316E-09			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11			
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12			
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11			
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12			
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

POL DEP CM 1.264E+02 1.274E+02 1.288E+02 1.307E+02 1.319E+02 1.329E+02 1.335E-  
 02 1.337E-02 1.337E+02 1.337E+02 1.338E+02 1.338E+02

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--- TOTAL INPUTS (UG) ---

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

--- HYDROLOGIC CYCLE COMPONENTS ---

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 --- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AN  
 D PURE PHASE FOR EACH SUBLAYER. SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.290E+00
TOTAL DEGRADED (MOISTURE)	1.264E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	2.085E+00
TOTAL DEGRADED (MOISTURE)	1.853E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1 -- ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	7.533E-09
ADSORBED SOIL (UG/G)	2.863E-08
SOIL AIR (UG/ML)	1.623E-09
FREE LIGAND (UG/ML)	7.32CE+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	1.105E-08
ADSORBED SOIL (UG/G)	4.199E-08
SOIL AIR (UG/ML)	2.380E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.338E+00

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MONTHLY RESULTS (OUTPUT)

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-- HYDROLOGIC CYCLE COMPONENTS --

MOIS. IN 11	(%)	7.005	3.057	12.333	13.245	11.829	10.293	9.8
37	7.221	0.335	0.573	6.549				
MOIS. BELOW	(%)	7.005	9.837	12.333	13.245	11.829	10.293	9.8
37	7.221	6.825	6.573	6.549				
PERCOLATION	(CM)	2.770	5.730	8.204	10.342	7.123	6.082	3.6
37	0.351	0.335	0.126	0.135	0.598			
NET INFILT.	(CM)	2.557	5.630	8.128	10.215	7.072	6.056	3.6
15	0.846	0.298	0.106	0.124	0.568			
EVAPOTRANS.	(CM)	1.910	3.018	1.412	1.841	3.983	5.417	3.8
45	1.700	0.634	0.411	0.463	0.722			
MOIS. RETEN	(CM)	0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39	-0.839	-0.311	-0.218	-0.202	-0.016			
SUR. RUNOFF	(CM)	0.113	0.050	0.076	0.127	0.051	0.026	0.0
15	0.000	0.030	0.013	0.011	0.033			
GRW. RUNOFF	(CM)	0.064	1.219	5.100	7.783	4.005	1.633	0.6
12	0.034	-0.025	-0.087	-0.137	-0.141			
YIELD (CM)		0.177	1.269	5.176	7.910	4.056	1.659	0.6
37	0.029	0.005	-0.074	-0.126	-0.108			
PAU/MPA (GZ)		0.996	0.997	0.993	0.998	1.006	1.000	1.0
04	0.990	1.059	1.087	1.123	0.997			
PA/MPA (GZ)		0.996	0.997	0.993	0.998	1.006	1.000	1.0
04	0.990	1.059	1.087	1.123	0.997			

1  
G) -- -- POLLUTANT MASS INPUT TO COLUMN (UG)

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00			

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	2.053E+00	2.063E+00			
DEGRAD MOIS	8.651E-01	1.104E+00	1.365E+00	1.446E+00	1.291E+00	1.123E+00	9.820E-01	
01	8.405E-01	7.882E-01	7.515E-01	7.174E-01	7.148E-01			
IN SOIL MOI	2.884E-01	3.680E-01	4.550E-01	4.819E-01	4.304E-01	3.745E-01	3.273E-01	
01	2.302E-01	2.627E-01	2.505E-01	2.391E-01	2.383E-01			
MOIS IN SOIL	1.945E-01	1.919E+01	1.893E+01	1.866E+01	1.866E+01	1.866E+01	1.866E+01	1.866E+01

01 1.272E-01 1.289E-01 1.310E-01 1.334E-01 1.337E-01

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	1.012E+00	1.017E+00				
DEGRAD MOIS	1.274E+00	1.000E+00	2.029E+00	2.150E+00	1.928E+00	1.677E+00	1.466E+00	
00 1.255E+00	1.177E+00	1.122E+00	1.071E+00	1.057E+00				
IN SOIL MOI	1.249E-01	5.444E-01	6.762E-01	7.194E-01	6.425E-01	5.591E-01	4.887E-01	
01 4.133E-01	3.932E-01	3.740E-01	3.570E-01	3.557E-01				
ADS ON SOIL	2.865E+01	2.839E+01	2.813E+01	2.786E+01	2.786E+01	2.786E+01	2.786E+01	
01 2.786E+01	2.786E+01	2.786E+01	2.786E+01	2.786E+01				
IN SOIL AIR	1.958E-01	1.698E-01	1.400E-01	1.291E-01	1.456E-01	1.636E-01	1.761E-01	
01 1.899E-01	1.940E-01	1.956E-01	1.992E-01	1.995E-01				

SUBLAYER 3

DEGRAD MOIS	1.109E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	
03 1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03				
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	
04 3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04				
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	
02 2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02				
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-04	
04 1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04				

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	7.400E-09	7.300E-09	7.200E-09	7.100E-09	7.100E-09	7.100E-09	7.100E-09	
09 7.100E-09	7.100E-09	7.100E-09	7.100E-09	7.100E-09				
%SOLUBILITY	4.229E-09	4.171E-09	4.114E-09	4.057E-09	4.057E-09	4.057E-09	4.057E-09	
09 4.057E-09	4.057E-09	4.057E-09	4.057E-09	4.057E-09				
ADSORBED	2.812E-08	2.774E-08	2.736E-08	2.698E-08	2.698E-08	2.698E-08	2.698E-08	
08 2.698E-08	2.698E-08	2.698E-08	2.698E-08	2.698E-08				
SOIL AIR	1.582E-09	1.581E-09	1.575E-09	1.569E-09	1.564E-09	1.560E-09	1.554E-09	
09 1.553E-09	1.511E-09	1.494E-09	1.484E-09	1.485E-09				

SUBLAYER 2

MOISTURE	1.090E-03	1.080E-03	1.070E-03	1.060E-03	1.060E-03	1.060E-03	1.060E-03
03 1.060E-03	1.060E-03	1.060E-03	1.060E-03	1.060E-03	1.060E-03	1.060E-03	1.060E-03
%SOLUBILITY	6.229E-09	6.171E-09	6.114E-09	6.057E-09	6.057E-09	6.057E-09	6.057E-09
09 6.057E-09	6.057E-09	6.057E-09	6.057E-09	6.057E-09	6.057E-09	6.057E-09	6.057E-09
ADSORBED	4.142E-08	4.104E-08	4.066E-08	4.028E-08	4.028E-08	4.028E-08	4.028E-08
08 4.028E-08	4.028E-08	4.028E-08	4.028E-08	4.028E-08	4.028E-08	4.028E-08	4.028E-08
SOIL AIR	2.331E-09	2.339E-09	2.341E-09	2.343E-09	2.335E-09	2.330E-09	2.290E-09
09 2.274E-09	2.256E-09	2.231E-09	2.231E-09	2.232E-09	2.232E-09	2.232E-09	2.232E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.196E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	1.343E+02	1.352E+02	1.367E+02	1.385E+02	1.398E+02	1.408E+02	1.414E+02
02 1.416E+02	1.416E+02	1.416E+02	1.416E+02	1.417E+02	1.417E+02	1.417E+02	1.417E+02

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000

S ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL. CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	4.115E+00
TOTAL DEGRADED (MOISTURE)	1.199E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	2.029E+00
TOTAL DEGRADED (MOISTURE)	1.786E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

1. -- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON  
-ZERO VALUES ARE PRINTED -

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	7.150E-09
ADSORBED SOIL (UG/G)	2.717E-08
SOIL AIR (UG/ML)	1.540E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	1.005E-08
ADSORBED SOIL (UG/G)	4.047E-08
SOIL AIR (UG/ML)	2.294E-09
FREE LIGAND (UG/ML)	7.226E-01



SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBPLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.417E+00

YEAR -19 MONTHLY RESULTS (OUTPUT)  
 =====

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.783	4.005	1.633	0.6
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TOTAL INPUT 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0 -- POLLUTANT MASS DESTRUCTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	1.966E+00	1.976E+00				
DEGRAD MOIS	8.301E-01	1.059E+00	1.308E+00	1.385E+00	1.237E+00	1.076E+00	9.405E-	
01 8.050E-01	7.549E-01	7.197E-01	6.871E-01	6.846E-01				
IN SOIL MOI	2.767E-01	3.528E-01	4.361E-01	4.615E-01	4.122E-01	3.587E-01	3.135E-	
01 2.683E-01	2.516E-01	2.399E-01	2.290E-01	2.282E-01				
ADS ON SOIL	1.866E+01	1.840E+01	1.814E+01	1.787E+01	1.787E+01	1.787E+01	1.787E+	
01 1.787E+01	1.787E+01	1.787E+01	1.787E+01	1.787E+01				
IN SOIL AIR	1.275E-01	1.100E-01	9.025E-02	8.283E-02	9.341E-02	1.050E-01	1.130E-	
01 1.218E-01	1.244E-01	1.255E-01	1.278E-01	1.280E-01				

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00 0.000E+00	0.000E+00	0.000E+00	9.829E-01	9.879E-01				
DEGRAD MOIS	1.228E+00	1.573E+00	1.953E+00	2.077E+00	1.855E+00	1.614E+00	1.411E+	
00 1.208E+00	1.132E+00	1.080E+00	1.031E+00	1.027E+00				
IN SOIL MOI	4.092E-01	5.242E-01	6.509E-01	6.923E-01	6.183E-01	5.380E-01	4.702E-	
01 4.025E-01	3.774E-01	3.599E-01	3.436E-01	3.423E-01				
ADS ON SOIL	2.760E+01	2.734E+01	2.707E+01	2.681E+01	2.681E+01	2.681E+01	2.681E+	
01 2.681E+01	2.681E+01	2.681E+01	2.681E+01	2.681E+01				
IN SOIL AIR	1.886E-01	1.635E-01	1.347E-01	1.242E-01	1.401E-01	1.574E-01	1.694E-	
01 1.827E-01	1.866E-01	1.882E-01	1.917E-01	1.920E-01				

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-	
03 1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03				
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-	
04 3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04				
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-	
02 2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02				
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-	
04 1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04				

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	7.100E-09	7.000E-09	6.900E-09	6.800E-09	6.800E-09	6.800E-09	6.800E-09
09 6.800E-09	6.800E-09	6.800E-09	6.800E-09	6.800E-09	6.800E-09	6.800E-09	6.800E-09
%SOLUBILITY	4.057E-09	4.000E-09	3.943E-09	3.886E-09	3.886E-09	3.886E-09	3.886E-09
09 3.886E-09	3.886E-09	3.886E-09	3.886E-09	3.886E-09	3.886E-09	3.886E-09	3.886E-09
ADSORBED	2.698E-08	2.660E-08	2.622E-08	2.584E-08	2.584E-08	2.584E-08	2.584E-08
08 2.584E-08	2.584E-08	2.584E-08	2.584E-08	2.584E-08	2.584E-08	2.584E-08	2.584E-08
SOIL AIR	1.518E-09	1.516E-09	1.510E-09	1.503E-09	1.498E-09	1.495E-09	1.469E-09
09 1.459E-09	1.447E-09	1.431E-09	1.431E-09	1.432E-09	1.432E-09	1.432E-09	1.432E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	1.050E-08	1.040E-08	1.030E-08	1.020E-08	1.020E-08	1.020E-08	1.020E-08
08 1.020E-08	1.020E-08	1.020E-08	1.020E-08	1.020E-08	1.020E-08	1.020E-08	1.020E-08
%SOLUBILITY	6.000E-09	5.943E-09	5.886E-09	5.829E-09	5.829E-09	5.829E-09	5.829E-09
09 5.829E-09	5.829E-09	5.829E-09	5.829E-09	5.829E-09	5.829E-09	5.829E-09	5.829E-09
ADSORBED	3.990E-08	3.952E-08	3.914E-08	3.876E-08	3.876E-08	3.876E-08	3.876E-08
08 3.876E-08	3.876E-08	3.876E-08	3.876E-08	3.876E-08	3.876E-08	3.876E-08	3.876E-08
SOIL AIR	2.245E-09	2.253E-09	2.254E-09	2.255E-09	2.247E-09	2.242E-09	2.204E-09
09 2.188E-09	2.171E-09	2.146E-09	2.146E-09	2.147E-09	2.147E-09	2.147E-09	2.147E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.188E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.188E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

FREE LIGAND 8.914E+01 6.814E+01 5.435E+01 5.061E+01 5.667E-01 3.512E-01 7.480E  
 01 3.704E+01 9.283E+01 9.735E+01 1.020E-01 1.020E-02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM 1.422E+02 1.431E+02 1.445E+02 1.464E+02 1.477E+02 1.487E-02 1.488E+  
 02 1.494E+02 1.495E+02 1.495E+02 1.495E+02 1.496E+02

YEAR - 19 ANNUAL SUMMARY REPORT

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
 ZERO EACH MONTH, IT IS NOT PRINTED

-----  
 FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
 PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)  
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UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	3.942E+00
TOTAL DEGRADED (MOISTURE)	1.149E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.971E+00
TOTAL DEGRADED (MOISTURE)	1.719E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

1  
-ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	6.850E-09
ADSORBED SOIL (UG/G)	2.603E-08
SOIL AIR (UG/ML)	1.476E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	1.025E-08
ADSORBED SOIL (UG/G)	3.895E-08
SOIL AIR (UG/ML)	2.208E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.496E+00

HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN LI (%)			7.605	9.687	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW LI (%)			7.605	9.687	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.018	1.412	1.841	3.983	5.417	3.8
40 1.700	0.634	0.411	0.403	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SNR. RUNOFF (CM)			0.113	0.050	0.075	0.127	0.051	0.026	0.0
18 0.000	0.030	0.010	0.011	0.023					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.753	4.005	1.533	0.0
12 0.034	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.0
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

POLLUTANT MASS INPUT TO COLUMN (G)

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

LOWER SOIL ZONE:

00	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01	7.801E-01
01	7.895E-01	7.215E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01
01	7.895E-01	7.215E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01	6.800E-01
01	2.505E-01	2.405E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01	2.500E-01
01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01	1.709E-01
01	1.104E-01	1.189E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01	1.190E-01

SUBLAYER 2

00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	9.540E-01	9.588E-01	9.540E-01	9.588E-01	9.540E-01	9.588E-01	9.540E-01	9.588E-01	9.540E-01
00	1.181E+00	1.512E+00	1.877E+00	1.996E+00	1.782E+00	1.551E+00	1.355E+00	1.181E+00	1.512E+00	1.877E+00	1.996E+00	1.782E+00
01	3.936E-01	5.041E-01	6.256E-01	6.651E-01	5.940E-01	5.109E-01	4.518E-01	3.936E-01	5.041E-01	6.256E-01	6.651E-01	5.940E-01
01	3.867E-01	3.626E-01	3.450E-01	3.301E-01	3.288E-01	3.288E-01	3.288E-01	3.867E-01	3.626E-01	3.450E-01	3.301E-01	3.288E-01
01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01	2.576E+01
01	1.814E-01	1.572E-01	1.295E-01	1.194E-01	1.340E-01	1.518E-01	1.628E-01	1.814E-01	1.572E-01	1.295E-01	1.194E-01	1.340E-01
01	1.756E-01	1.793E-01	1.808E-01	1.841E-01	1.845E-01	1.845E-01	1.845E-01	1.756E-01	1.793E-01	1.808E-01	1.841E-01	1.845E-01

SUBLAYER 3

03	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03
03	1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03	1.007E-03	1.007E-03	1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03
04	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04
04	3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04	3.356E-04	3.356E-04	3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04
02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
04	1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04	1.882E-04	1.882E-04	1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

--- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) --- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED ---

UPPER SOIL ZONE:

SUBLAYER 1

%SOLUBILITY	3.886E-09	3.829E-09	3.771E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09
09 3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09	3.714E-09
ADSORBED	2.584E-08	2.546E-08	2.508E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08
08 2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08	2.470E-08
SOIL AIR	1.454E-09	1.451E-09	1.444E-09	1.437E-09	1.432E-09	1.429E-09	1.425E-09	1.425E-09
09 1.394E-09	1.383E-09	1.368E-09	1.368E-09	1.368E-09	1.368E-09	1.368E-09	1.368E-09	1.368E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 6.704E+01	6.283E+01	6.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	1.010E-08	1.000E-08	9.900E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09
09 9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09	9.800E-09
%SOLUBILITY	5.771E-09	5.714E-09	5.657E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09
09 5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09
ADSORBED	3.838E-08	3.800E-08	3.762E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08
08 3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08	3.724E-08
SOIL AIR	2.160E-09	2.166E-09	2.166E-09	2.166E-09	2.159E-09	2.154E-09	2.148E-09	2.148E-09
09 2.102E-09	2.086E-09	2.062E-09	2.062E-09	2.063E-09	2.063E-09	2.063E-09	2.063E-09	2.063E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 6.704E+01	6.283E+01	6.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 6.704E+01	6.283E+01	6.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 6.704E+01	6.283E+01	6.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	1.500E+02	1.510E+02	1.524E+02	1.543E+02	1.555E+02	1.565E+02	1.571E+02	1.571E+02
02 1.573E+02	1.573E+02	1.574E+02	1.574E+02	1.575E+02	1.575E+02	1.575E+02	1.575E+02	1.575E+02

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --



TOTAL PRECIPITATION (CM)	43.017
TOTAL EVAPOTRANSPIRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GROW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL WILDS (CM)	20.661

POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOL., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	3.768E+00
TOTAL DEGRADED (MOISTURE)	1.098E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.913E+00
TOTAL DEGRADED (MOISTURE)	1.652E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

1 -- ZERO VALUES ARE PRINTED -- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NO

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	6.550E-06
ADSORBED SOIL (UG/G)	2.439E-06
SOIL AIR (UG/ML)	1.411E-06
FREE LIGAND (UG/ML)	7.526E-01

MOISTURE (MG/ML) 1.000E+11  
 MOISTURE (CC/G) 3.100E-11  
 FREE AIR (CC/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 1:

SOIL ZONE 2:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.575E+00

YEAR 21 MONTHLY RESULTS (OUTPUT)  
 =====  
 =====

--- HYDROLOGIC CYCLE COMPONENTS ---

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.895	9.887	12.833	10.245	11.829	10.393	5.9
57 7.701	7.221	6.885	6.573	6.540					
MOIS. BELOW L1 (%)			7.905	9.907	12.833	10.245	11.829	10.393	5.9
57 7.701	7.221	6.885	6.573	6.540					
PRECIPITATION (CM)			2.770	5.780	8.204	10.842	7.123	6.082	8.6
34 6.851	6.828	6.120	6.185	6.507					
NET INFILTR. (CM)			2.887	5.880	3.133	10.215	7.072	6.058	8.6
11 6.711	6.188	6.108	6.124	6.538					
EVAPORATION (CM)			1.810	6.021	1.442	1.041	8.680	8.417	8.6
78 6.711	6.111	6.111	6.111	6.111					
PERMEABILITY (CM)			1.884	1.444	1.011	6.881	1.017	6.884	8.6
61 6.711	6.111	6.111	6.111	6.111					
SOIL RETENT. (CM)			6.110	6.080	6.110	6.117	6.111	6.110	8.6
11 6.711	6.111	6.111	6.111	6.111					
RAW. INFILTR. (CM)			3.081	2.111	6.111	7.721	1.018	1.880	8.6
11 6.711	6.111	6.111	6.111	6.111					

	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

0 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	7.599E-01	9.680E-01	1.195E+00	1.263E+00	1.127E+00	9.810E-01	8.575E-01	8.575E-01
IN SOIL MOI	2.533E-01	3.226E-01	3.981E-01	4.203E-01	3.758E-01	3.270E-01	2.858E-01	2.858E-01
ADS ON SOIL	1.709E+01	1.632E+01	1.656E+01	1.630E+01	1.630E+01	1.630E+01	1.630E+01	1.630E+01
IN SOIL AIR	1.168E-01	1.000E-01	3.240E-01	7.522E-01	2.510E-02	9.570E-02	1.030E-01	1.030E-01

SUBLAYER 2

DEFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	1.134E+00	1.452E+00	1.801E+00	1.910E+00	1.700E+00	1.437E+00	1.300E+00	1.300E+00
IN SOIL MOI	3.700E-01	4.839E-01	6.004E-01	6.330E-01	5.353E-01	4.853E-01	4.534E-01	4.534E-01
ADS ON SOIL	1.470E+01	1.310E+01	1.437E+01	1.410E+01	1.410E+01	1.410E+01	1.410E+01	1.410E+01
IN SOIL AIR	1.371E-01	1.171E-01	3.471E-01	7.471E-01	2.471E-02	9.471E-02	1.031E-01	1.031E-01

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	6.500E-09	6.400E-09	6.300E-09	6.200E-09	6.200E-09	6.200E-09	6.200E-09
09 6.200E-09	6.200E-09	6.200E-09	6.200E-09	6.200E-09	6.200E-09	6.200E-09	6.200E-09
%SOLUBILITY	3.714E-09	3.657E-09	3.600E-09	3.543E-09	3.543E-09	3.543E-09	3.543E-09
09 3.543E-09	3.543E-09	3.543E-09	3.543E-09	3.543E-09	3.543E-09	3.543E-09	3.543E-09
ADSORBED	2.470E-08	2.432E-08	2.394E-08	2.356E-08	2.356E-08	2.356E-08	2.356E-08
08 2.356E-08	2.356E-08	2.356E-08	2.356E-08	2.356E-08	2.356E-08	2.356E-08	2.356E-08
SOIL AIR	1.390E-09	1.386E-09	1.378E-09	1.370E-09	1.366E-09	1.363E-09	1.340E-09
09 1.330E-09	1.320E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.557E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	9.700E-09	9.600E-09	9.500E-09	9.400E-09	9.400E-09	9.400E-09	9.400E-09
09 9.400E-09	9.400E-09	9.400E-09	9.400E-09	9.400E-09	9.400E-09	9.400E-09	9.400E-09
%SOLUBILITY	5.543E-09	5.486E-09	5.429E-09	5.371E-09	5.371E-09	5.371E-09	5.371E-09
09 5.371E-09	5.371E-09	5.371E-09	5.371E-09	5.371E-09	5.371E-09	5.371E-09	5.371E-09
ADSORBED	3.572E-08	3.548E-08	3.524E-08	3.500E-08	3.500E-08	3.500E-08	3.500E-08
08 3.500E-08	3.500E-08	3.500E-08	3.500E-08	3.500E-08	3.500E-08	3.500E-08	3.500E-08
SOIL AIR	1.390E-09	1.386E-09	1.378E-09	1.370E-09	1.366E-09	1.363E-09	1.340E-09
09 1.330E-09	1.320E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09	1.305E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.557E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11 1.000E-11

1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01  
 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01

SOIL ZONE 2:  
 SOIL ZONE 3:  
 LOWER SOIL ZONE:

1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01  
 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01 1.125E+01

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
 ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBILE ETC, COMPLEXED, AND  
 PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	0.000E+00
TOTAL EXTRACTED (MOISTURE)	1.000E+01

SUBLAYER 2

SUBLAYER 1

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON  
-- ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	6.250E-09
ADSORBED SOIL (UG/G)	2.375E-08
SOIL AIR (UG/ML)	1.346E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	9.450E-09
ADSORBED SOIL (UG/G)	3.591E-08
SOIL AIR (UG/ML)	2.036E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.600E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML)	7.826E+01
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SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:



SOIL ZONE 1:

SUBLAYER 1

DEGRAD MOIS	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
IN SOIL MOI	2.416E-01	3.075E-01	3.792E-01	4.072E-01	3.307E-01	3.165E-01	2.765E-	
ADS ON SOIL	1.630E+01	1.508E+01	1.577E-01	1.577E-01	1.577E+01	1.577E-01	1.577E-	
IN SOIL AIR	1.114E-01	9.588E-02	7.848E-02	7.398E-02	8.242E-02	8.292E-02	8.966E-	

SUBLAYER 2

DEGRAD MOIS	1.098E+00	1.408E+00	1.742E+00	1.888E+00	1.353E+00	1.448E+00	1.359E-	
IN SOIL MOI	3.663E-01	4.688E-01	5.814E-01	6.176E-01	5.518E-01	4.900E-01	4.195E-	
ADS ON SOIL	2.471E+01	2.445E+01	2.418E+01	2.392E+01	2.392E+01	2.392E+01	2.392E-	
IN SOIL AIR	1.689E-01	1.462E-01	1.208E-01	1.108E-01	1.250E-01	1.405E-01	1.512E-	

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-	
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.510E-	
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-	
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-	

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1



INTE

	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SOIL AIR	1.326E-09	1.321E-09	1.318E-09	1.326E-09	1.322E-09	1.319E-09	1.326E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 2

MOISTURE	9.400E-09	9.380E-09	9.200E-09	9.100E-09	9.100E-09	9.100E-09	9.100E-09
SOIL AIR	2.010E-09	2.014E-09	2.013E-09	2.011E-09	2.004E-09	2.003E-09	1.966E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SUBLAYER 4

FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01	8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02		

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12

PRECIPITATION (CM)	0.050
PRECIPITATION (CM)	1.010
PRECIPITATION (CM)	10.010
PRECIPITATION (CM)	48.100
TOTAL EVAPORATION (CM)	18.000
TOTAL SURFACE RUNOFF (CM)	0.545
TOTAL CDM RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

--- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) --- NOTE: IF COMPONENT 1  
 BEING LA W MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ALS. ON SOIL, SOIL AIR, IMMOBIL CEX, COMPLEXED, A  
 PURE MASS FOR EACH SUBLAYER, SEE ABOVE (MONTH CUP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	3.478E+00
TOTAL DEGRADED (MOISTURE)	1.010E+01

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.797E+00
TOTAL DEGRADED (MOISTURE)	1.534E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

AVERAGE POLLUTANT CONCENTRATIONS AT 1000 FT. DEPTH - 0.000000

VALUES ARE PRINTED







11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
12 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
13 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
14 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
15 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
16 2.145E-12	2.145E-12	2.104E-12	2.104E-12	2.105E-12	2.203E-12	2.198E-12	2.161E-12
17 8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	8.704E+01
18 8.704E+01	8.283E+01	8.735E+01	1.020E+02	1.023E+02			

SUBLAYER 4

17 8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	8.704E+01
18 8.704E+01	8.283E+01	8.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:  
 SOIL ZONE 3:  
 LOWER SOIL ZONE:

POL DEP CM	1.736E+02	1.746E+02	1.760E+02	1.779E+02	1.791E+02	1.802E+02	1.808E+02
02 1.809E+02	1.810E+02	1.810E+02	1.810E+02	1.811E+02			

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.457
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SET)

UPPER SOIL ZONE:

TOTAL VOLATILES 5.33E-09  
 TOTAL DEGRADED (MOISTURE) 1.46E+01

SUBLAYER 0

TOTAL DEGRADED (UP) 1.70E-06  
 TOTAL DEGRADED (MOISTURE) 1.46E+01

SUBLAYER 0

TOTAL DEGRADED (MOISTURE) 1.577E-02

SUBLAYER 4

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 5.825E-09  
 ADSORBED SOIL (UG/G) 2.213E-08  
 SOIL AIR (UG/ML) 1.255E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 8.650E-09  
 ADSORBED SOIL (UG/G) 3.363E-08  
 SOIL AIR (UG/ML) 1.907E-08  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

FREE LIGAND (UG/ML) 7.826E+01





0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 POLLUTANT MASS DISTRIBUTION IN COLUMN (MG) -- NOTE: IF POLLUTANT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	1.619E+00	1.627E+00			
DEGRAD MOIS	8.781E-01	8.622E-01	1.062E+00	1.140E+00	1.018E+00	8.861E-01	7.748E-01	
01	0.000E-01	0.218E-01	5.927E-01	5.659E-01	5.638E-01			
IN SOIL MOI	2.260E-01	2.873E-01	3.539E-01	3.801E-01	3.394E-01	2.954E-01	2.500E-01	
01	2.210E-01	2.072E-01	1.976E-01	1.886E-01	1.879E-01			
ADS ON SOIL	1.525E+01	1.498E+01	1.472E+01	1.472E+01	1.472E+01	1.472E+01	1.472E+01	1.472E+01
01	1.472E+01	1.472E+01	1.472E+01	1.472E+01	1.472E+01			
IN SOIL AIR	1.042E-01	8.959E-02	7.325E-02	6.821E-02	7.692E-02	8.644E-02	9.302E-02	
02	1.003E-01	1.025E-01	1.033E-01	1.052E-01	1.054E-01			

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
00	0.000E+00	0.000E+00	0.000E+00	8.384E-01	8.426E-01			
DEGRAD MOIS	1.029E+00	1.316E+00	1.631E+00	1.731E+00	1.546E+00	1.345E+00	1.176E+00	
00	1.006E+00	9.436E-01	8.997E-01	8.589E-01	8.558E-01			
IN SOIL MOI	3.429E-01	4.385E-01	5.435E-01	5.769E-01	5.152E-01	4.483E-01	3.919E-01	
01	3.354E-01	3.145E-01	2.999E-01	2.863E-01	2.853E-01			
ADS ON SOIL	2.313E+01	2.287E+01	2.261E+01	2.234E+01	2.234E+01	2.234E+01	2.234E+01	2.234E+01
01	2.234E+01	2.234E+01	2.234E+01	2.234E+01	2.234E+01			
IN SOIL AIR	1.581E-01	1.367E-01	1.125E-01	1.035E-01	1.168E-01	1.312E-01	1.412E-01	
01	1.523E-01	1.555E-01	1.569E-01	1.597E-01	1.600E-01			

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	
03	1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03			
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	
04	3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04			
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02			
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.361E-04	
04	1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04			

SUBLAYER 4

DEGRAD MOIS	0.000E+00	0.000E+00	1.261E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	
03	1.184E-03	1.110E-03	1.058E-03	1.010E-03	1.007E-03			
IN SOIL MOI	0.000E+00	0.000E+00	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	
04	3.946E-04	3.700E-04	3.528E-04	3.368E-04	3.356E-04			
ADS ON SOIL	0.000E+00	0.000E+00	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02			
IN SOIL AIR	0.000E+00	0.000E+00	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.361E-04	
04	1.791E-04	1.830E-04	1.845E-04	1.879E-04	1.882E-04			

SOIL ZONE 2:

DATE: 01/01/83

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	8.800E-09	5.700E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09
09 5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09	5.600E-09
%SOLUBILITY	3.314E-09	3.257E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09
09 3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09	3.200E-09
ADSORBED	2.204E-08	2.166E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08
08 2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08	2.128E-08
SOIL AIR	1.240E-09	1.235E-09	1.225E-09	1.238E-09	1.238E-09	1.238E-09	1.238E-09	1.238E-09
09 1.201E-09	1.192E-09	1.178E-09	1.178E-09	1.179E-09	1.179E-09	1.179E-09	1.179E-09	1.179E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	8.800E-09	8.700E-09	8.600E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09
09 8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09	8.500E-09
%SOLUBILITY	5.029E-09	4.971E-09	4.914E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09
09 4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09	4.857E-09
ADSORBED	3.344E-08	3.306E-08	3.268E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08
08 3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08	3.230E-08
SOIL AIR	1.882E-09	1.884E-09	1.882E-09	1.879E-09	1.879E-09	1.879E-09	1.879E-09	1.879E-09
09 1.823E-09	1.809E-09	1.789E-09	1.789E-09	1.789E-09	1.789E-09	1.789E-09	1.789E-09	1.789E-09
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.208E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

MOISTURE	1.000E+00	1.000E+00	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E+00	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.208E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

UPPER SOIL ZONE:  
 SOIL ZONE 1  
 SOIL ZONE 2  
 LOWER SOIL ZONE:

PO1 SEP 01	1.815E+02	1.825E+02	1.835E+02	1.855E+02	1.870E+02	1.850E+02	1.865E+02
02 1.885E+02	1.885E+02	1.835E+02	1.835E+02	1.890E+02			

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 =====

TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.545
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1	
TOTAL VOLATILIZED	3.245E+00
TOTAL DEGRADED (MOISTURE)	9.423E+00
SUBLAYER 2	
TOTAL DIFFUSED (UP)	1.681E+00
TOTAL DEGRADED (MOISTURE)	1.434E+01
SUBLAYER 3	

MOISTURE (MOISTURE) 1.875E+02

---  
 LAYER 1  
 ---  
 SUBLAYER 1  
 ---  
 LOWER SOIL ZONE:  
 SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON-

ZERO VALUES ARE PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 5.625E-09  
 ADSORBED SOIL (UG/G) 2.138E-08  
 SOIL AIR (UG/ML) 1.212E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 8.550E-09  
 ADSORBED SOIL (UG/G) 3.249E-08  
 SOIL AIR (UG/ML) 1.842E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML) 8.338E-12  
 ADSORBED SOIL (UG/G) 3.167E-11  
 SOIL AIR (UG/ML) 1.796E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.890E+00

--- HYDROLOGIC CYCLE COMPONENTS ---

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.0
97 7.701	7.231	6.805	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.0
97 7.701	7.231	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.0
34 0.951	0.323	0.120	0.135	0.593					
NET INFILT. (CM)			2.657	5.680	8.123	10.213	7.072	6.050	3.0
19 0.946	0.298	0.108	0.124	0.560					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.463	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.073	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.733	4.005	1.633	0.0
12 0.084	-0.025	-0.087	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.910	4.056	1.659	0.0
27 0.089	0.005	-0.074	-0.126	-0.108					
PAU/MPA (GZU)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					
PA/MPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.087	1.123	0.997					

--- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LOAD UPPER	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LOAD ZONE 1	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LOAD ZONE 2	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LOAD ZONE 3	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
LOAD LOWER	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00
TOTAL	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00	0.0000E+00

MASS DISTRIBUTION IN COLUMN (MG) NOTE: IF COMPONENT NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

UNSATURATED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	6.547E-01	8.319E-01	1.024E+00	1.099E+00	9.210E-01	8.544E-01	7.409E-01	7.409E-01
IN SOIL MOI	2.182E-01	2.772E-01	3.413E-01	3.665E-01	3.270E-01	2.848E-01	2.490E-01	2.490E-01
ADS ON SOIL	1.472E+01	1.446E+01	1.419E+01	1.419E+01	1.419E+01	1.419E+01	1.419E+01	1.419E+01
IN SOIL AIR	1.006E-01	8.645E-02	7.063E-02	6.577E-02	7.418E-02	8.385E-02	8.970E-02	8.970E-02

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	9.937E-01	1.270E+00	1.574E+00	1.670E+00	1.491E+00	1.287E+00	1.134E+00	1.134E+00
IN SOIL MOI	3.312E-01	4.234E-01	5.245E-01	5.565E-01	4.970E-01	4.325E-01	3.780E-01	3.780E-01
ADS ON SOIL	2.234E+01	2.208E+01	2.182E+01	2.155E+01	2.155E+01	2.155E+01	2.155E+01	2.155E+01
IN SOIL AIR	1.527E-01	1.320E-01	1.086E-01	9.988E-02	1.126E-01	1.206E-01	1.362E-01	1.362E-01

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	1.383E-03
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	4.610E-04
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-04	1.661E-04

SUBLAYER 4

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-03	1.383E-03
IN SOIL MOI	3.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-04	4.610E-04
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-04	1.661E-04

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

... (10, ML) OF (33/3) ...  
... MONTH, THEY ARE NOT PRINTED --

NOTE: IF CONCENTRATIONS /

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE	5.600E-09	5.500E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09
09 5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09	5.400E-09
%SOLUBILITY	3.200E-09	3.143E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09
09 3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09	3.086E-09
ADSORBED	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08
09 2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08	2.052E-08
SOIL AIR	1.197E-09	1.191E-09	1.182E-09	1.194E-09	1.189E-09	1.187E-09	1.187E-09	1.187E-09
09 1.187E-09	1.149E-09	1.136E-09	1.136E-09	1.137E-09	1.137E-09	1.137E-09	1.137E-09	1.137E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	8.500E-09	8.400E-09	8.300E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09
09 8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09	8.200E-09
%SOLUBILITY	4.857E-09	4.800E-09	4.743E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09
09 4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09	4.686E-09
ADSORBED	3.230E-08	3.192E-08	3.154E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08
09 3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08	3.116E-08
SOIL AIR	1.818E-09	1.819E-09	1.816E-09	1.812E-09	1.806E-09	1.802E-09	1.772E-09	1.772E-09
09 1.759E-09	1.745E-09	1.725E-09	1.725E-09	1.726E-09	1.726E-09	1.726E-09	1.726E-09	1.726E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.356
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	3.130E+00
TOTAL DEGRADED (MOISTURE)	9.093E+00

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.623E+00
TOTAL DEGRADED (MOISTURE)	1.383E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SOIL ZONE 2:

SUBLAYER 1



SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

- AVERAGE POLLUTANT CONCENTRATION - NOTE: ONLY NON

ZERO VALUES ARE PRINTED -

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	5.425E-09
ADSORBED SOIL (UG/G)	2.001E-02
SOIL AIR (UG/ML)	1.169E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	8.250E-09
ADSORBED SOIL (UG/G)	3.135E-08
SOIL AIR (UG/ML)	1.777E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 1.933E+00

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MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)	7.701	7.221	6.885	6.573	6.549	11.211	11.010	11.193	8.0
57	7.701	7.221	6.885	6.573	6.549	11.211	11.010	11.193	8.0
MOIS. BELOW L1 (%)	7.701	7.221	6.885	6.573	6.549	11.211	11.010	11.193	8.0
97	7.701	7.221	6.885	6.573	6.549	11.211	11.010	11.193	8.0
PRECIPITATION (CM)	2.770	5.730	8.204	10.342	7.123	6.082	3.6		
34	0.951	0.328	0.120	0.135	0.592				
NET INFILT. (CM)	2.657	5.680	8.128	10.215	7.072	6.056	3.6		
19	0.946	0.298	0.106	0.124	0.560				
EVAPOTRANS. (CM)	1.910	3.016	1.412	1.841	3.980	5.417	3.8		
46	1.700	0.634	0.411	0.463	0.722				
MOIS. RETEN (CM)	0.684	1.445	1.615	0.101	-0.017	0.024	-0.0		
39	-0.839	-0.311	-0.218	-0.302	-0.010				
SUR. RUNOFF (CM)	0.113	0.050	0.076	0.127	0.051	0.028	0.0		
15	0.000	0.030	0.013	0.011	0.032				
GRW. RUNOFF (CM)	0.084	1.219	5.100	7.703	4.015	1.633	0.6		
15	0.084	-0.025	-0.087	-0.137	-0.141				
YIELD (CM)	0.177	1.269	5.176	7.910	4.056	1.659	0.6		
27	0.089	0.005	-0.074	-0.126	-0.108				
PAU/MPA (GZU)	0.996	0.997	0.993	0.998	1.003	1.000	1.0		
04	0.990	1.059	1.087	1.123	0.997				
PA/MPA (GZ)	0.996	0.997	0.993	0.998	1.003	1.000	1.0		
04	0.990	1.059	1.087	1.123	0.997				

1  
G) -- -- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) - NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00

	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	0.587E-01	1.225E-00	1.517E+00	1.609E+00	1.437E+00	1.250E+00	1.093E-	
IN SOIL MOI	0.196E-01	4.080E-01	5.056E-01	5.362E-01	4.788E-01	4.167E-01	3.642E-	
ADS ON SOIL	0.155E+01	2.129E+01	2.103E+01	2.077E+01	2.077E+01	2.077E+01	2.077E-	
IN SOIL AIR	0.478E-01	1.278E-01	1.046E-01	9.623E-02	1.085E-01	1.219E-01	1.312E-	
	0.446E-01	1.458E-01	1.484E-01	1.487E-01				

SUBLAYER 2

	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E-	
DEGRAD MOIS	0.587E-01	1.225E-00	1.517E+00	1.609E+00	1.437E+00	1.250E+00	1.093E-	
IN SOIL MOI	0.196E-01	4.080E-01	5.056E-01	5.362E-01	4.788E-01	4.167E-01	3.642E-	
ADS ON SOIL	0.155E+01	2.129E+01	2.103E+01	2.077E+01	2.077E+01	2.077E+01	2.077E-	
IN SOIL AIR	0.478E-01	1.278E-01	1.046E-01	9.623E-02	1.085E-01	1.219E-01	1.312E-	
	0.446E-01	1.458E-01	1.484E-01	1.487E-01				

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-	
IN SOIL MOI	0.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-	
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-	
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-	
	1.830E-04	1.845E-04	1.879E-04	1.882E-04				

SUBLAYER 4

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.582E-03	1.383E-	
IN SOIL MOI	0.897E-04	5.041E-04	6.320E-04	6.787E-04	6.061E-04	5.274E-04	4.610E-	
ADS ON SOIL	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-02	2.629E-	
IN SOIL AIR	1.796E-04	1.572E-04	1.308E-04	1.218E-04	1.374E-04	1.544E-04	1.661E-	
	1.830E-04	1.845E-04	1.879E-04	1.882E-04				

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS ARE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

SUBLAYER 1

MOISTURE	5.430E-09	5.300E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09
09 5.300E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09	5.200E-09
%SOLUBILITY	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09
09 2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09	2.971E-09
ADSORBED	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09
09 1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09	1.976E-09
SOIL AIR	1.145E-09	1.145E-09	1.138E-09	1.149E-09	1.145E-09	1.143E-09	1.124E-09
09 1.145E-09	1.107E-09	1.094E-09	1.094E-09	1.095E-09	1.095E-09	1.095E-09	1.095E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 2

MOISTURE	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09
09 7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09	7.900E-09
%SOLUBILITY	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09
09 4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09	4.514E-09
ADSORBED	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09
09 3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09	3.002E-09
SOIL AIR	1.753E-09	1.754E-09	1.750E-09	1.746E-09	1.740E-09	1.736E-09	1.707E-09
09 1.695E-09	1.681E-09	1.662E-09	1.662E-09	1.663E-09	1.663E-09	1.663E-09	1.663E-09
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SUBLAYER 4

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	6.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.023E+02	1.023E+02	1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POLYMER CM	1.973E+02	1.982E+02	1.997E+02	2.015E+02	2.028E+02	2.036E+02	2.044E+02
02 2.046E+02	2.046E+02	2.046E+02	2.047E+02	2.047E+02	2.047E+02	2.047E+02	2.047E+02

UPPER SOIL ZONE                    0.000E+00  
 SOIL ZONE 2                        0.000E+00  
 SOIL ZONE 3                        0.000E+00  
 LOWER SOIL ZONE                   0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	40.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.350
TOTAL SURFACE RUNOFF (CM)	0.540
TOTAL GWF RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.601

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	3.014E+00
TOTAL DEGRADED (MOISTURE)	8.758E+00

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.565E+00
TOTAL DEGRADED (MOISTURE)	1.333E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.577E-02
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SUBLAYER 4

TOTAL DEGRADED (MOISTURE)	1.577E-02
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SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

DEPTH OF POLL. ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	5.225E-09
ADSORBED SOIL (UG/G)	1.985E-08
SOIL AIR (UG/ML)	1.126E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	7.950E-09
ADSORBED SOIL (UG/G)	3.021E-08
SOIL AIR (UG/ML)	1.713E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.800E-11
SOIL AIR (UG/ML)	2.154E-12
FREE LIGAND (UG/ML)	7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 2.047E+00

YEAR -27 MONTHLY RESULTS (OUTPUT)  
 =====

-- HYDROLOGIC CYCLE COMPONENTS --

MAY JUN OCT NOV DEC JAN FEB MAR APR







01	8.704E-01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.123E-09	1.121E-09	1.105E-
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SOIL ZONE 2

MOISTURE	7.800E-08	7.800E-09	7.700E-09	7.600E-09	7.600E-09	7.600E-09	7.600E-09	7.600E-
%SOLUBILITY	4.514E-09	4.457E-09	4.400E-09	4.343E-09	4.343E-09	4.343E-09	4.343E-09	4.343E-
ADSORBED	8.002E-08	2.964E-08	2.926E-08	2.888E-08	2.888E-08	2.888E-08	2.888E-08	2.888E-
SOIL AIR	1.689E-09	1.689E-09	1.685E-09	1.680E-09	1.674E-09	1.670E-09	1.642E-	
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+	

SOIL ZONE 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-	
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E-	

SOIL ZONE 4

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-	
FREE LIGAND	8.814E+01	6.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E-	

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEF CM	2.051E+02	2.031E+02	2.075E+02	2.094E+02	2.106E+02	2.117E+02	2.125E+
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YEAR - 27 ANNUAL SUMMARY REPORT

TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
SOIL ZONE 4	0.000E+00

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 AVERAGE POLLUTANT CONCENTRATIONS

AVERAGE SOIL MOISTURE BENEATH 1 (CM)	0.000
AVERAGE SOIL MOISTURE BELOW ZONE 1 (CM)	0.000
TOTAL VOLATILIZATION (CM)	40.017
TOTAL DEGRADATION (CM)	45.487
TOTAL TRANSPIRATION (CM)	25.250
TOTAL SURFACE EVAPORATION (CM)	0.540
TOTAL CEM REMOVAL (CM)	10.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.661

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
 5 ZERO EACH MONTH, IT IS NOT PRINTED

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 FOR FINAL MASS IN SOIL MOI., ADS. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AND  
 5 PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH SEP)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLATILIZED	2.956E+00
TOTAL DEGRADED (MOISTURE)	8.578E+00

SUBLAYER 2

TOTAL DIFFUSED (UP)	1.449E+00
TOTAL DEGRADED (MOISTURE)	1.283E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

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 -- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON-  
 ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SOIL MOISTURE (UG/ML) 7.117E-09  
 ADSORBED SOIL (UG/G) 1.014E-07  
 SOIL AIR (UG/ML) 1.101E-09  
 FREE LIGAND (UG/ML) 7.000E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 7.050E-09  
 ADSORBED SOIL (UG/G) 2.007E-08  
 SOIL AIR (UG/ML) 1.048E-09  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 2.126E+00

YEAR -28 MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	8.537	12.833	13.245	11.829	10.293	8.0
97 7.701	7.221	6.855	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.937	12.833	13.245	11.829	10.293	8.0
97 7.701	7.221	6.825	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	2.0
34 0.951	0.328	0.129	0.135	0.598					
NET INFILT. (CM)			2.657	5.630	8.128	10.215	7.072	6.055	0.0
40 0.040	0.280	0.196	0.124	0.566					
EVAPORATION (CM)			1.019	1.019	1.412	1.021	0.900	0.417	0.0



1.000E-01 1.000E-01 1.000E-01 1.000E-01 1.000E-01 1.000E-01 1.000E-01 1.000E-01  
1.170E-01 1.079E-02 1.892E-02 1.000E-01 1.127E-01 1.518E-01  
1.517E-01 1.072E-01 1.374E-01

SUBLAYER 3

DEGRAD MOIS 1.000E-03 1.512E-03 1.896E-03 2.036E-03 1.818E-03 1.582E-03 1.383E-03  
03 1.110E-03 1.058E-03 1.010E-03 1.007E-03  
IN SOIL MOI 1.000E-04 5.041E-04 6.320E-04 6.787E-04 6.061E-04 5.274E-04 4.610E-04  
04 3.946E-04 3.700E-04 3.528E-04 3.368E-04 3.356E-04  
ADS ON SOIL 1.000E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02  
02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02  
IN SOIL AIR 1.796E-04 1.572E-04 1.308E-04 1.218E-04 1.374E-04 1.544E-04 1.661E-04  
04 1.791E-04 1.830E-04 1.845E-04 1.879E-04 1.882E-04

SUBLAYER 4

DEGRAD MOIS 1.168E-03 1.512E-03 1.896E-03 2.036E-03 1.818E-03 1.582E-03 1.383E-03  
03 1.110E-03 1.058E-03 1.010E-03 1.007E-03  
IN SOIL MOI 1.000E-04 5.041E-04 6.320E-04 6.787E-04 6.061E-04 5.274E-04 4.610E-04  
04 3.946E-04 3.700E-04 3.528E-04 3.368E-04 3.356E-04  
ADS ON SOIL 1.000E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02  
02 2.629E-02 2.629E-02 2.629E-02 2.629E-02 2.629E-02  
IN SOIL AIR 1.796E-04 1.572E-04 1.308E-04 1.218E-04 1.374E-04 1.544E-04 1.661E-04  
04 1.791E-04 1.830E-04 1.845E-04 1.879E-04 1.882E-04

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- POLLUTANT CONCENTRATIONS (UG/ML) OR (UG/G) -- NOTE: IF CONCENTRATIONS /  
RE ZERO FOR EACH MONTH, THEY ARE NOT PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

MOISTURE 5.100E-09 5.100E-09 5.000E-09 5.000E-09 5.000E-09 5.000E-09 5.000E-09  
09 5.000E-09 5.000E-09 5.000E-09 5.000E-09 5.000E-09  
SOLUBILITY 2.914E-09 2.914E-09 2.857E-09 2.857E-09 2.857E-09 2.857E-09 2.857E-09  
09 2.857E-09 2.857E-09 2.857E-09 2.857E-09 2.857E-09  
ADSORBED 1.938E-08 1.938E-08 1.900E-08 1.900E-08 1.900E-08 1.900E-08 1.900E-08  
08 1.900E-08 1.900E-08 1.900E-08 1.900E-08 1.900E-08  
SOIL AIR 1.091E-09 1.105E-09 1.094E-09 1.105E-09 1.101E-09 1.099E-09 1.080E-09  
09 1.070E-09 1.064E-09 1.052E-09 1.052E-09 1.053E-09  
FREE LIGAND 6.814E+01 6.814E+01 5.435E+01 5.061E+01 5.607E+01 6.512E+01 7.450E+01  
01 6.703E+01 6.383E+01 6.735E+01 1.020E+02 1.023E+02

SUBLAYER 2

09 7.800E-09	1.000E-09	7.800E-09	7.800E-09	7.800E-09	7.800E-09	7.800E-09	7.800E-09	7.800E-09
10 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
13 2.145E-12	2.145E-12	2.145E-12	2.145E-12	2.145E-12	2.145E-12	2.145E-12	2.145E-12	2.145E-12
14 8.814E+01	6.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.020E+02	1.023E+02	1.020E+02	1.023E+02

SUBLAYER 3

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.020E+02	1.023E+02	1.020E+02	1.023E+02

SUBLAYER 4

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
11 1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
%SOLUBILITY	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
12 5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORBED	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
11 3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
SOIL AIR	2.138E-12	2.166E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12	2.161E-12
12 2.145E-12	2.128E-12	2.104E-12	2.104E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12	2.105E-12
FREE LIGAND	8.814E+01	6.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02	1.020E+02	1.023E+02	1.020E+02	1.023E+02

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	2.130E+02	2.139E+02	2.154E+02	2.173E+02	2.185E+02	2.195E+02	2.201E+02	2.201E+02
02 2.203E+02	2.203E+02	2.203E+02	2.204E+02	2.204E+02	2.204E+02	2.204E+02	2.204E+02	2.204E+02

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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.000
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.000
TOTAL PRECIPITATION (CM)	40.000
TOTAL INFILTRATION (CM)	40.000

... IN COLUMN (UG), - NOTE: IF COMPONENT 1  
 ZERO EACH MONTH, IT IS NOT PRINTED

FOR TOTAL MASS IN SOIL (UG), AIR IN SOIL, SOIL AIR, LIGAND CHG, COMPLEXED, AN  
 PURE MASS FOR EACH LAYER, ALL ABOVE (GINTH LAY)

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL SOLUBLE	1.890E-00
TOTAL DEGRADED (MOISTURE)	0.410E+00

SUBLAYER 2

TOTAL DIFFUSE (UG)	1.338E-00
TOTAL DEGRADED (MOISTURE)	1.232E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SUBLAYER 4

TOTAL DEGRADED (MOISTURE)	1.677E-02
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SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON  
 ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	5.017E-09
ADSORBED SOIL (UG/G)	1.906E-08
SOIL AIR (UG/ML)	1.081E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL AIR (UG/ML) 1.503E+09  
 7.826E+01

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML) 1.000E-11  
 ADSORBED SOIL (UG/G) 3.800E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E+01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 2.204E+00

YEAR -29 MONTHLY RESULTS (OUTPUT)

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-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN LL (%)			7.605	8.337	12.333	13.245	11.829	10.293	8.0
97 7.701	7.221	6.333	6.573	6.549					
MOIS. BELOW LL (%)			7.605	8.337	12.333	13.245	11.829	10.293	8.0
97 7.701	7.221	6.333	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.120	6.082	3.0
34 0.951	0.320	0.120	0.135	0.592					
NET INFILT. (CM)			2.637	5.330	0.123	13.215	7.072	6.056	3.0
15 0.946	0.293	0.106	0.124	0.590					
EVAPOTRANS. (CM)			1.917	0.012	1.412	1.041	3.983	5.417	3.0
46 1.700	0.604	0.411	0.481	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.610	0.591	-0.917	-0.994	-0.0
39 -0.330	0.311	-0.219	-0.202	-0.016					
SUR. RUNOFF (CM)			0.112	0.050	0.070	0.127	0.051	0.026	0.0
15 0.000	0.000	0.000	0.000	0.000					
GRW. RUNOFF (CM)			0.000	1.219	5.100	7.783	4.005	1.633	0.0
12 0.004	0.000	0.000	0.000	0.000					
SOIL MOIS. (CM)			0.112	1.219	5.100	7.783	4.005	1.633	0.0



1.000 1.000 1.000 0.997 0.993 0.995 1.000 1.000 1.000  
 1.000 1.000 1.000 0.997 0.993 0.995 1.000 1.000 1.000

-- POLLUTANT MASS INPUT TO COLUMN (U

	MAY	OCT JUN	NOV JUL	DEC AUG	JAN SEP	FEB	MAR	APR
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD MIDDLE 1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD MIDDLE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD MIDDLE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

-- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT I  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	5.846E-01	7.561E-01	9.292E-01	9.977E-01	8.910E-01	7.753E-01	6.777E-01	6.777E-01
IN SOIL MOI	1.949E-01	2.520E-01	3.097E-01	3.326E-01	2.970E-01	2.584E-01	2.259E-01	2.259E-01
ADS ON SOIL	1.314E+01	1.314E+01	1.288E+01	1.288E+01	1.288E+01	1.288E+01	1.288E+01	1.288E+01
IN SOIL AIR	8.982E-02	7.859E-02	6.409E-02	5.968E-02	6.731E-02	7.564E-02	8.139E-02	8.139E-02

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	8.534E-01	1.089E+00	1.346E+00	1.446E+00	1.291E+00	1.123E+00	9.820E-01	9.820E-01
IN SOIL MOI	2.845E-01	3.629E-01	4.487E-01	4.819E-01	4.304E-01	3.745E-01	3.278E-01	3.278E-01
ADS ON SOIL	1.819E+01	1.896E+01	1.866E+01	1.866E+01	1.866E+01	1.866E+01	1.866E+01	1.866E+01
IN SOIL AIR	1.311E-01	1.132E-01	9.287E-02	8.648E-02	9.753E-02	1.096E-01	1.179E-01	1.179E-01

SUBLAYER 3

DEGRAD MOIS	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.562E-03	1.380E-03	1.380E-03
IN SOIL MOI	1.169E-03	1.512E-03	1.896E-03	2.036E-03	1.818E-03	1.562E-03	1.380E-03	1.380E-03



	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12
	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12
FREE LIGAND	8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL LAYER 4

MOISTURE	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11	1.000E-11
	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12	5.714E-12
ADSORPTION	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
	2.188E-12	2.188E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
	2.188E-12	2.188E-12	2.188E-12	2.210E-12	2.203E-12	2.198E-12	2.161E-12
FREE LIGAND	8.814E+01	8.814E+01	5.435E+01	5.061E+01	5.667E+01	6.512E+01	7.450E+01
01 8.704E+01	9.283E+01	9.735E+01	1.020E+02	1.023E+02			

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

POL DEP CM	2.209E+02	2.218E+02	2.233E+02	2.251E+02	2.264E+02	2.274E+02	2.280E+02
02 2.282E+02	2.282E+02	2.282E+02	2.282E+02	2.283E+02			

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TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.353
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.061

POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

TOTAL VOLUME (ML)	1.113E+00
TOTAL DEGRADATION (MOISTURE)	1.113E+00

SUBLAYER 2

TOTAL DEGRADATION (UP)	1.275E+00
TOTAL DEGRADATION (MOISTURE)	1.194E+01

SUBLAYER 3

TOTAL DEGRADATION (MOISTURE)	1.000E-02
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SUBLAYER 4

TOTAL DEGRADATION (MOISTURE)	1.000E-02
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SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON  
 ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML)	4.917E-09
ADSORBED SOIL (UG/G)	1.868E-08
SOIL AIR (UG/ML)	1.059E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML)	7.125E-09
ADSORBED SOIL (UG/G)	2.707E-08
SOIL AIR (UG/ML)	1.535E-09
FREE LIGAND (UG/ML)	7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML)	1.000E-11
ADSORBED SOIL (UG/G)	3.200E-11

SOIL MOISTURE (UG/ML) 1.910E-11  
 ADSORBED SOIL (UG/G) 3.300E-11  
 SOIL AIR (UG/ML) 2.154E-12  
 FREE LIGAND (UG/ML) 7.826E-01

SOIL ZONE 2:

SOIL ZONE 3:

LOWER SOIL ZONE:

MAX. POLL. DEPTH (M) 2.283E+00

YEAR -30 MONTHLY RESULTS (OUTPUT)

-- HYDROLOGIC CYCLE COMPONENTS --

	MAY	JUN	OCT JUL	NOV AUG	DEC SEP	JAN	FEB	MAR	APR
MOIS. IN L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
MOIS. BELOW L1 (%)			7.605	9.837	12.333	13.245	11.829	10.293	8.8
97 7.701	7.221	6.885	6.573	6.549					
PRECIPITATION (CM)			2.770	5.730	8.204	10.342	7.123	6.082	3.6
34 0.951	0.328	0.120	0.135	0.598					
NET INFILT. (CM)			2.657	5.680	8.128	10.215	7.072	6.056	3.6
19 0.946	0.298	0.106	0.124	0.566					
EVAPOTRANS. (CM)			1.910	3.016	1.412	1.841	3.983	5.417	3.8
46 1.700	0.634	0.411	0.462	0.722					
MOIS. RETEN (CM)			0.684	1.445	1.616	0.591	-0.917	-0.994	-0.8
39 -0.839	-0.311	-0.218	-0.202	-0.016					
SUR. RUNOFF (CM)			0.113	0.050	0.076	0.127	0.051	0.026	0.0
15 0.000	0.030	0.013	0.011	0.033					
GRW. RUNOFF (CM)			0.064	1.219	5.100	7.753	4.005	1.633	0.6
12 0.084	0.025	-0.027	-0.137	-0.141					
YIELD (CM)			0.177	1.269	5.176	7.913	4.056	1.659	0.6
27 0.089	0.005	-0.074	-0.126	-0.108					
EAC/XPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.027	1.123	0.997					
PA/XPA (GZ)			0.996	0.997	0.993	0.998	1.006	1.000	1.0
04 0.990	1.059	1.037	1.123	0.997					

-- POLLUTANT MASS INPUT TO COLUMN (U

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PRECIP.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD UPPER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD ZONE 3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
LOAD LOWER	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTAL INPUT	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00  
 0 POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT IS  
 S ZERO EACH MONTH, IT IS NOT PRINTED

UPPER SOIL ZONE:

SUBLAYER 1

VOLATILIZED	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	5.729E-01	7.410E-01	9.103E-01	9.773E-01	8.728E-01	7.595E-01	6.639E-01
IN SOIL MOI	1.910E-01	2.470E-01	3.036E-01	3.258E-01	2.909E-01	2.562E-01	2.213E-01
ADS ON SOIL	1.288E+01	1.288E+01	1.262E+01	1.262E+01	1.262E+01	1.262E+01	1.262E+01
IN SOIL AIR	8.802E-02	7.702E-02	6.278E-02	5.847E-02	6.593E-02	7.409E-02	7.973E-02

SUBLAYER 2

DIFFUSED UP	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
DEGRAD MOIS	8.301E-01	1.059E+00	1.308E+00	1.405E+00	1.255E+00	1.092E+00	9.543E-01
IN SOIL MOI	2.767E-01	3.528E-01	4.361E-01	4.683E-01	4.162E-01	3.639E-01	3.181E-01
ADS ON SOIL	1.866E+01	1.840E+01	1.814E+01	1.814E+01	1.814E+01	1.814E+01	1.814E+01
IN SOIL AIR	1.275E-01	1.180E-01	9.025E-02	8.405E-02	9.473E-02	1.065E-01	1.140E-01

SUBLAYER 3

DEGRAD MOIS	1.184E-03	1.110E-03	1.055E-03	1.007E-03	1.118E-03	1.592E-03	1.303E-03
IN SOIL MOI	3.897E-04	3.141E-04	3.320E-04	3.707E-04	3.091E-04	3.274E-04	4.610E-04
ADS ON SOIL	2.629E-02	2.329E-02	2.629E-02	2.629E-02	2.329E-02	2.329E-02	2.629E-02
IN SOIL AIR	1.798E-04	1.511E-04	1.303E-04	1.210E-04	1.074E-04	1.544E-04	1.631E-04

SUBLAYER 4



11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11	3.800E-11
12	2.145E-12	2.129E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12	2.104E-12
01	6.704E-01	6.288E-01	5.765E-01	5.455E-01	5.001E-01	4.587E-01	4.200E-01	3.839E-01	3.500E-01	3.183E-01	2.888E-01	2.615E-01

SOIL ZONE 1:  
SOIL ZONE 2:  
LOWER SOIL ZONE:

POL DEP CM	2.287E+02	2.297E+02	2.311E+02	2.330E+02	2.348E+02	2.358E+02	2.359E+02	2.360E+02	2.361E+02	2.361E+02	2.361E+02	2.362E+02
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YEAR - 80 ANNUAL SUMMARY REPORT  
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-- TOTAL INPUTS (UG) --

UPPER SOIL ZONE	0.000E+00
SOIL ZONE 2	0.000E+00
SOIL ZONE 3	0.000E+00
LOWER SOIL ZONE	0.000E+00

-- HYDROLOGIC CYCLE COMPONENTS --

AVERAGE SOIL MOISTURE ZONE 1 (%)	9.089
AVERAGE SOIL MOISTURE BELOW ZONE 1 (%)	9.089
TOTAL PRECIPITATION (CM)	46.017
TOTAL INFILTRATION (CM)	45.467
TOTAL EVAPOTRANSPIRATION (CM)	25.256
TOTAL SURFACE RUNOFF (CM)	0.546
TOTAL GRW RUNOFF (CM)	20.110
TOTAL MOISTURE RETENTION (CM)	0.000
TOTAL YIELD (CM)	20.861

0 -- POLLUTANT MASS DISTRIBUTION IN COLUMN (UG) -- NOTE: IF COMPONENT 1  
& ZERO EACH MONTH, IT IS NOT PRINTED

FOR FINAL MASS IN SOIL MOI., RES. ON SOIL, SOIL AIR, IMMOBIL CEC, COMPLEXED, AN  
& PURE PHASE FOR EACH SUBLAYER, SEE ABOVE (MONTH DEP)

UPPER SOIL ZONE:  
SUBLAYER 1:



TOTAL DEGRADED (MOISTURE) 3.070E-00

SUBLAYER 2

TOTAL DIFFUSED (UG) 1.217E+00  
TOTAL DEGRADED (MOISTURE) 1.101E+01

SUBLAYER 3

TOTAL DEGRADED (MOISTURE) 1.677E-02

SUBLAYER 4

TOTAL DEGRADED (MOISTURE) 1.677E-02

SOIL ZONE 2:

SUBLAYER 1

SOIL ZONE 3:

SUBLAYER 1

LOWER SOIL ZONE:

SUBLAYER 1

-- AVERAGE POLLUTANT CONCENTRATIONS -- NOTE: ONLY NON

ZERO VALUES ARE PRINTED --

UPPER SOIL ZONE:

SUBLAYER 1

SOIL MOISTURE (UG/ML) 4.317E-09  
ADSORBED SOIL (UG/G) 1.830E-08  
SOIL AIR (UG/ML) 1.038E-09  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 2

SOIL MOISTURE (UG/ML) 6.925E-09  
ADSORBED SOIL (UG/G) 2.631E-08  
SOIL AIR (UG/ML) 1.492E-09  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 3

SOIL MOISTURE (UG/ML) 1.000E-11  
ADSORBED SOIL (UG/G) 3.800E-11  
SOIL AIR (UG/ML) 2.154E-10  
FREE LIGAND (UG/ML) 7.826E+01

SUBLAYER 4

SOIL MOISTURE (UG/ML) 1.000E-11  
ADSORBED SOIL (UG/G) 3.800E-11  
SOIL AIR (UG/ML) 2.154E-10  
FREE LIGAND (UG/ML) 7.826E+01

DATE: 10/10/73

TIME: 10:00 AM

NO. 101 (REV. 10/10/73)

\*\*\*\*\* EXECUTION COMPLETED \*\*\*\*\*