A Three-Dimensional Method-of-Characteristics Solute-Transport Model *(MOC3D)*

ERRATA

On p. 42, two lines in Table 11 were incorrect. They should be:

Number of rows	1
Number of columns	122

On p. 60, the correct caption for Fig. 38 is:

> Figure 38. Three-dimensional simulation results for nonuniform-flow test case in which $T_H = T_V = 0.1$ m: (a) finite-element model (modified from Burnett and Frind, 1987, fig. 9b), and (b) *MOC3D*. Plume positions are represented by contours of relative concentration; contour interval is 0.2 relative concentration.

On p. 63, the following reference should be inserted:

> Goode, D.J., and Appel, C.A., 1992, Finite-difference interblock transmissivity for unconfined aquifers and for aquifers having smoothly varying transmissivity: U.S. Geological Survey Water-Resources Investigations Report 92-4124, 79 p.

On p. 65, there were formatting errors in two lines of eq. A4. Following are correct versions:

p. 65, LINE 6:
$$-\frac{\left(bD_{xz}\right)^{t+1}_{j-1/2,\,i,k}}{2}\,\frac{C^*_{j,\,i,k+1}-C^*_{j,\,i,k-1}}{2B^{t+1}_{j,\,i,k}}+\frac{C^*_{j-1,i,k+1}-C^*_{j-1,i,k-1}}{2B^{t+1}_{j-1,i,k}}$$

p. 65, LINE 10:
$$+\frac{1}{y}\,\frac{\left(bD_{yz}\right)^{t+1}_{j,\,i+1/2,k}}{2}\,\frac{C^*_{j,\,i+1,k+1}-C^*_{j,\,i+1,k-1}}{2B^{t+1}_{j,\,i+1,k}}+\frac{C^*_{j,i,k+1}-C^*_{j,i,k-1}}{2B^{t+1}_{j,i,\,k}}$$

On p. 66-67, add the term "+ bD_m" to the end of the right sides of eqs. A5, A6, A11, and A12, and add the term "+ D_m" to the end of the right sides of A17 and A18.

On p. 71, **`DATA(BINARY)`** is for <u>un</u>formatted input/output files

On p. 79, the fourth line under File name: `bas95.dat` should be:

```
FREE                                                                          3
```

and the contents of File name: `bcf11.dat` should be:

```
  1  0   0.0 0 0.0 0 0      ; ISS, flags     BCF  Input     1

          0                 ; LAYCON                        2

          0        1.0      ; TRPY                          3

          0        0.1      ; DELR                          4

          0        0.1      ; DELC                          4

          0        0.01     ; TRAN                          5
```

[1] Flag for steady-state flow, flag for cell-by-cell flow terms, five flags related to wetting
[2] Layer type
[3] Anisotropy factor
[4] Grid spacing information
[5] Transmissivity data