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# Erratum

## Groundwater recharge and agricultural contamination

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### Hydrogeology Journal (2002) 10:153–179

Some minor errors were created during the processing of the manuscript:

- (1) The units of  $F$  in Equation 8 are given incorrectly as mol/m/year. The correct units of  $F$  are mol/m<sup>2</sup>/year (flux per unit area).
- (2) The curves labeled [a] and [b] in Fig. 1 are described in the figure caption as (1) and (2), respectively.
- (3) The shading of Fig. 6a indicates incorrectly that the labeled areas are mutually exclusive. The correct shading in Fig. 6a, shown here, indicates areas of partial overlap in the age–frequency distributions for wells  $D$  (diagonal shading upper right to lower left),  $E$  (diagonal shading upper right to lower left), and  $F$  (vertical shading). Well  $G$  is represented by the intersection of areas  $D$  and  $E$ .

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Published online: 4 May 2002

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The online version of the original article can be found at  
<http://dx.doi.org/10.1007/s10040-001-0183-3>

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**Fig. 6a–d** Age–frequency distributions and environmental–tracer concentrations in groundwater samples collected in the year 2000. **a** Age–frequency distributions of groundwaters discharged from wells A–F (shown in Fig. 4a) calculated for 1-year increments. Annual integration of the shaded area under each curve should yield a total of 100% of the discharge from the well; arrows for idealized short-screen wells A, B, and C point toward 100%, indicating that the discharge has a single age to within a year. The area labeled “G” indicates the portion of the water from well E that would contain  $\text{NO}_3^-$  if the groundwater below the level of well B had no  $\text{NO}_3^-$ . **b,c,d** Concentrations of selected groundwater dating tracers for hypothetical samples from wells A–F (see Fig. 4a), illustrating approaches for estimating groundwater ages and residence times from single mixed samples. The mean ages of groundwaters pumped from the wells (in years) would be approximately 0 for well A, 13 for well B, 35 for well C, 6 for well D, 32 for well E, and 67 for well F. The points representing individual wells (A–F) are on curves that represent similar forms of age–frequency distributions but different mean ages

