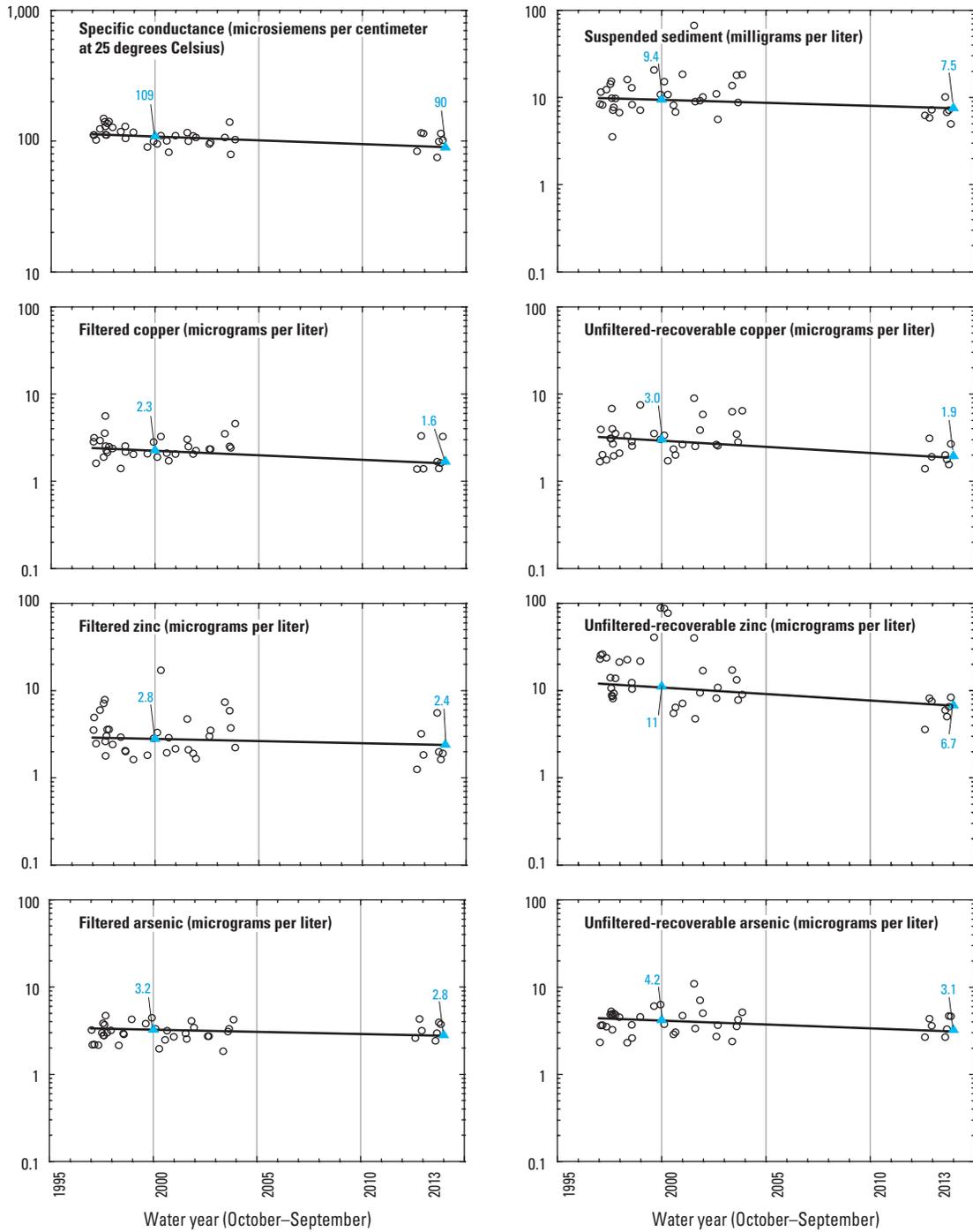


Flow-adjusted values, in indicated units of measurement

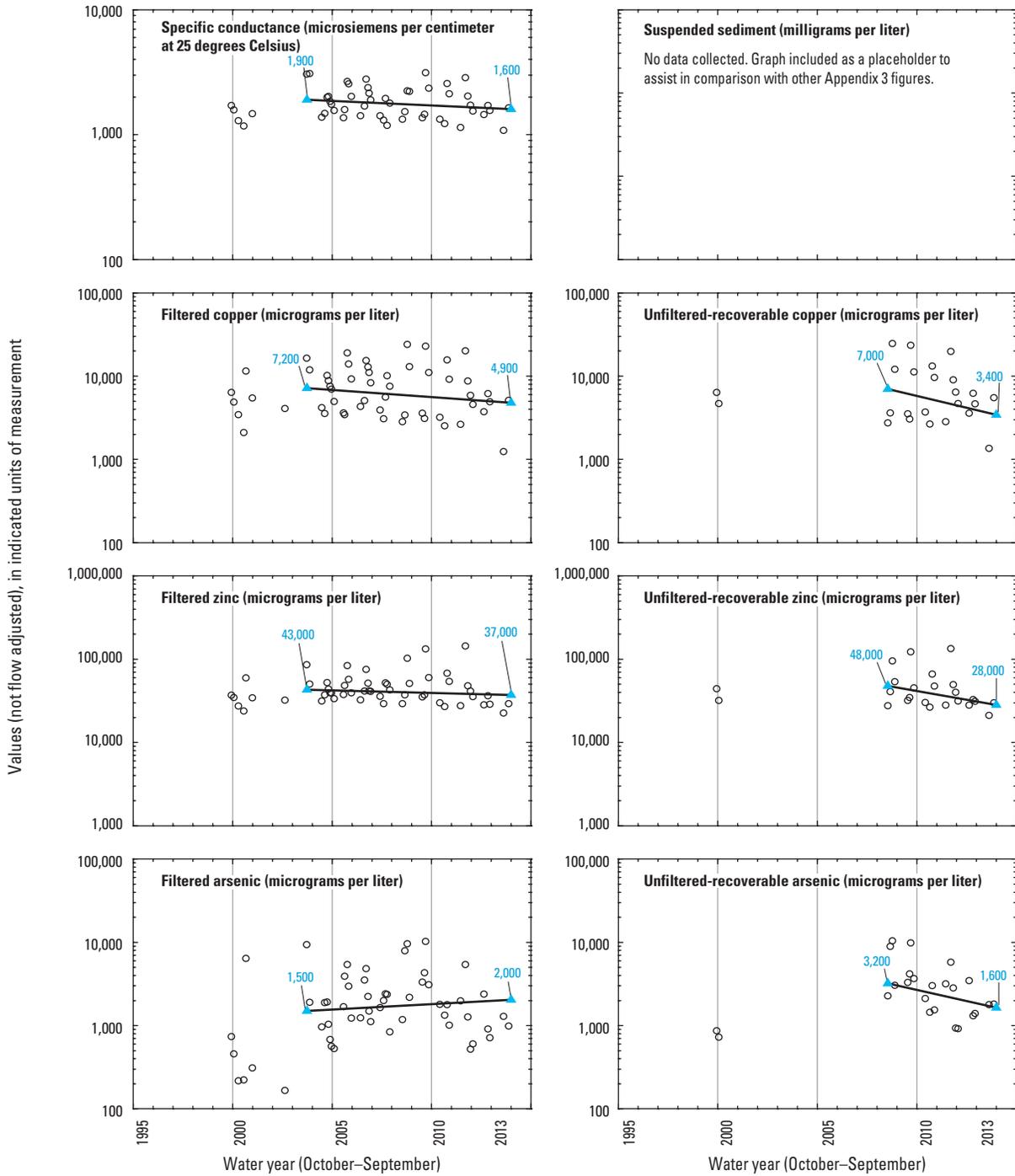


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 109 Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–1. Flow-adjusted fitted trends for selected water-quality constituents and properties for Boulder River above Kleinsmith Gulch (site 1, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

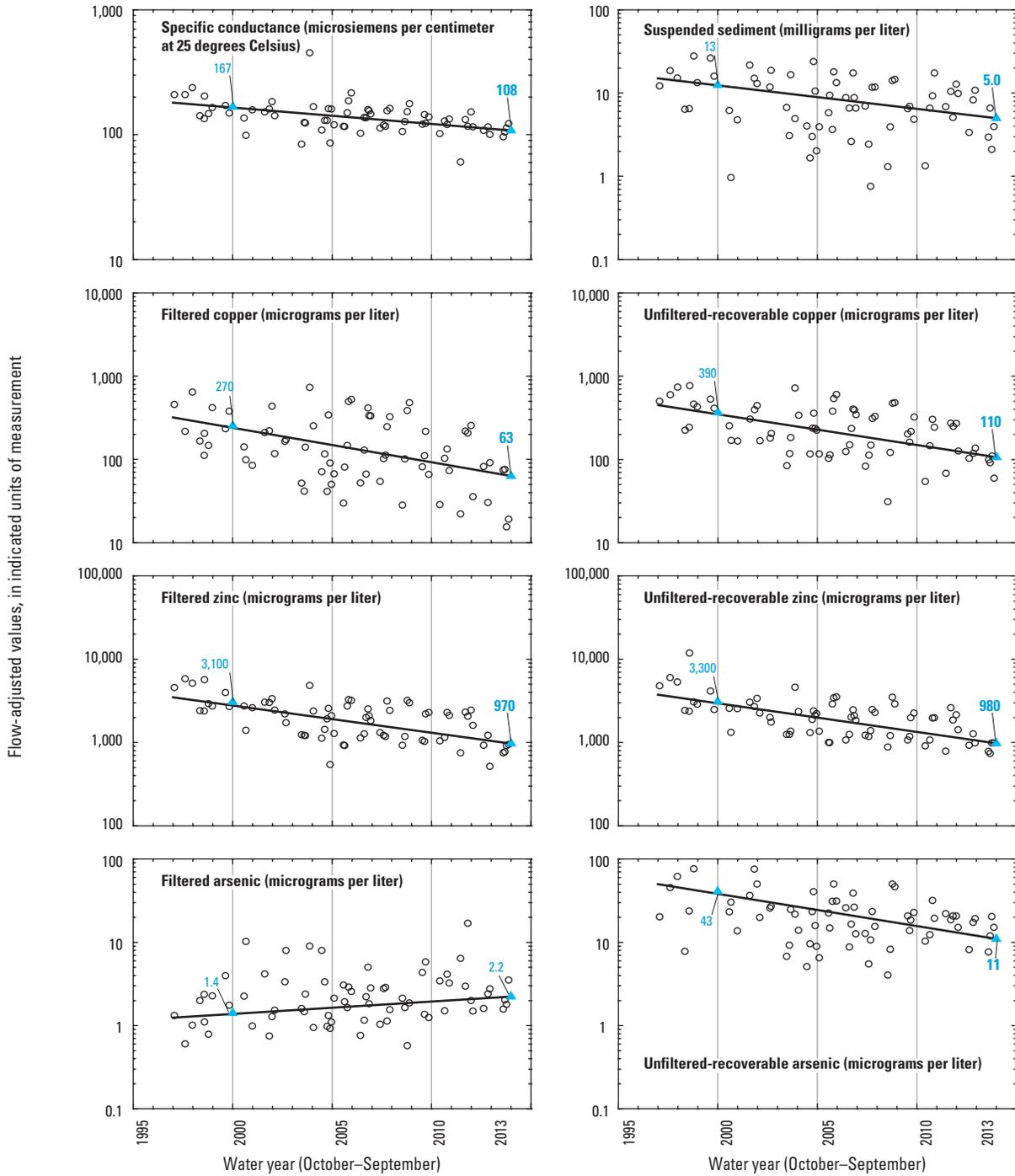


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Concentration—Not flow adjusted
- ▲ Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01)
- ▲ Point indicating June 2003, April 2008, or end of water year 2013

Figure 3–2. Fitted trends (not flow adjusted) for selected water-quality constituents and properties for Bullion Mine adit (site 2, fig. 1, table 1), based on analysis of data collected during water years 1999–2013.



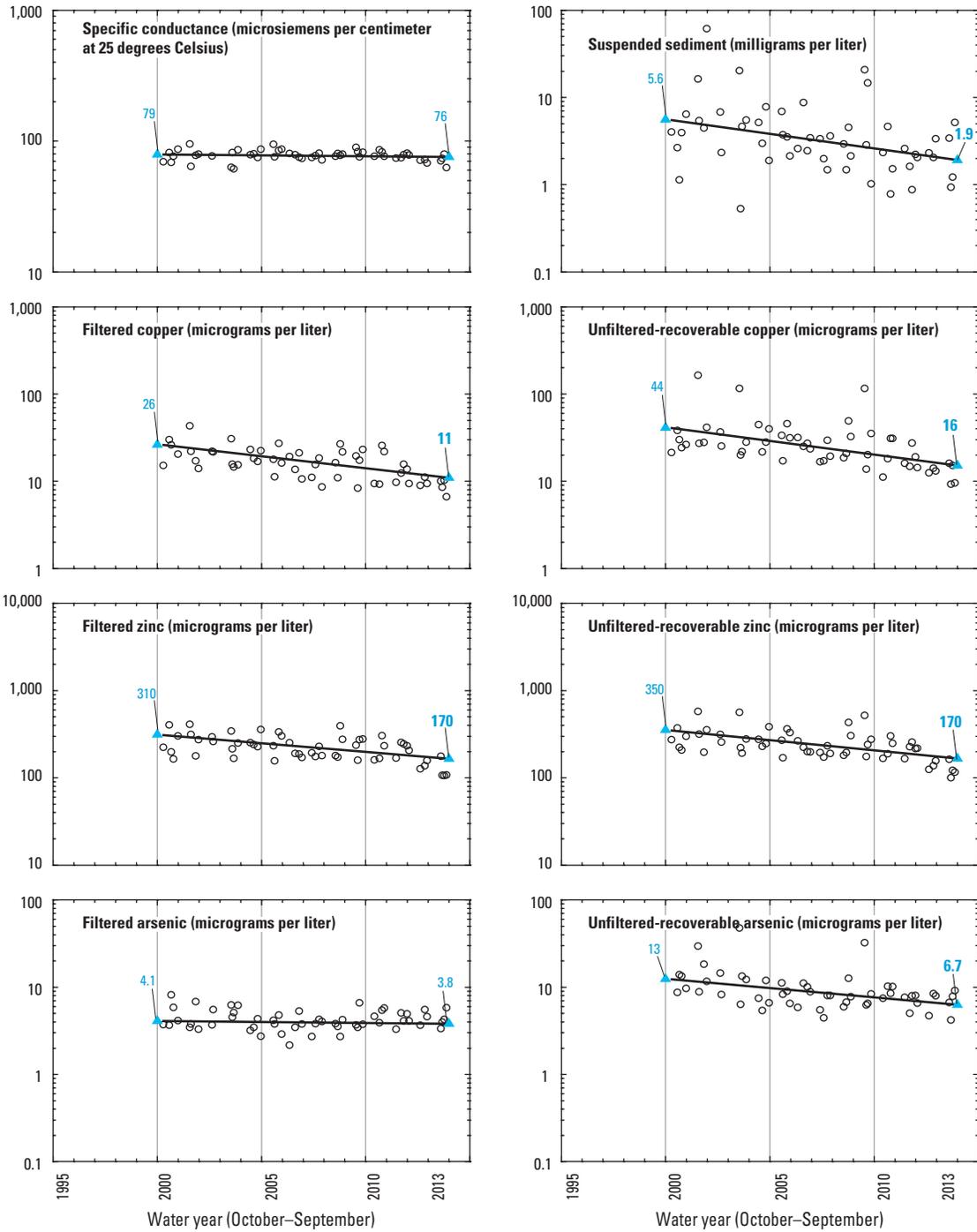
EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 167** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–3. Flow-adjusted fitted trends for selected water-quality constituents and properties for Bullion Mine tributary at mouth (site 3, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

Flow-adjusted values, in indicated units of measurement



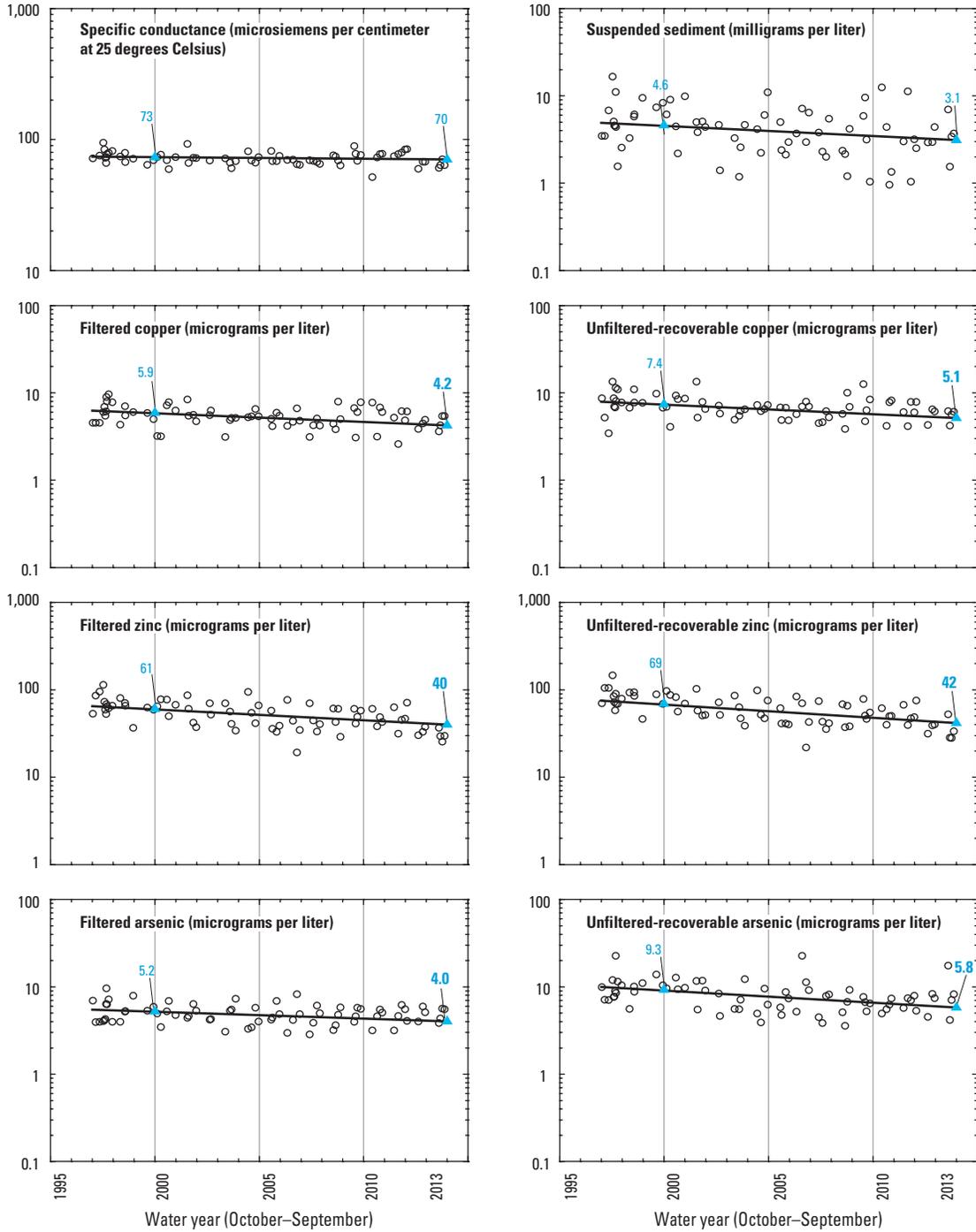
EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 79** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–4. Flow-adjusted fitted trends for selected water-quality constituents and properties for Jack Creek at mouth (site 4, fig. 1, table 1), based on analysis of data collected during water years 2000–13.

Flow-adjusted values, in indicated units of measurement

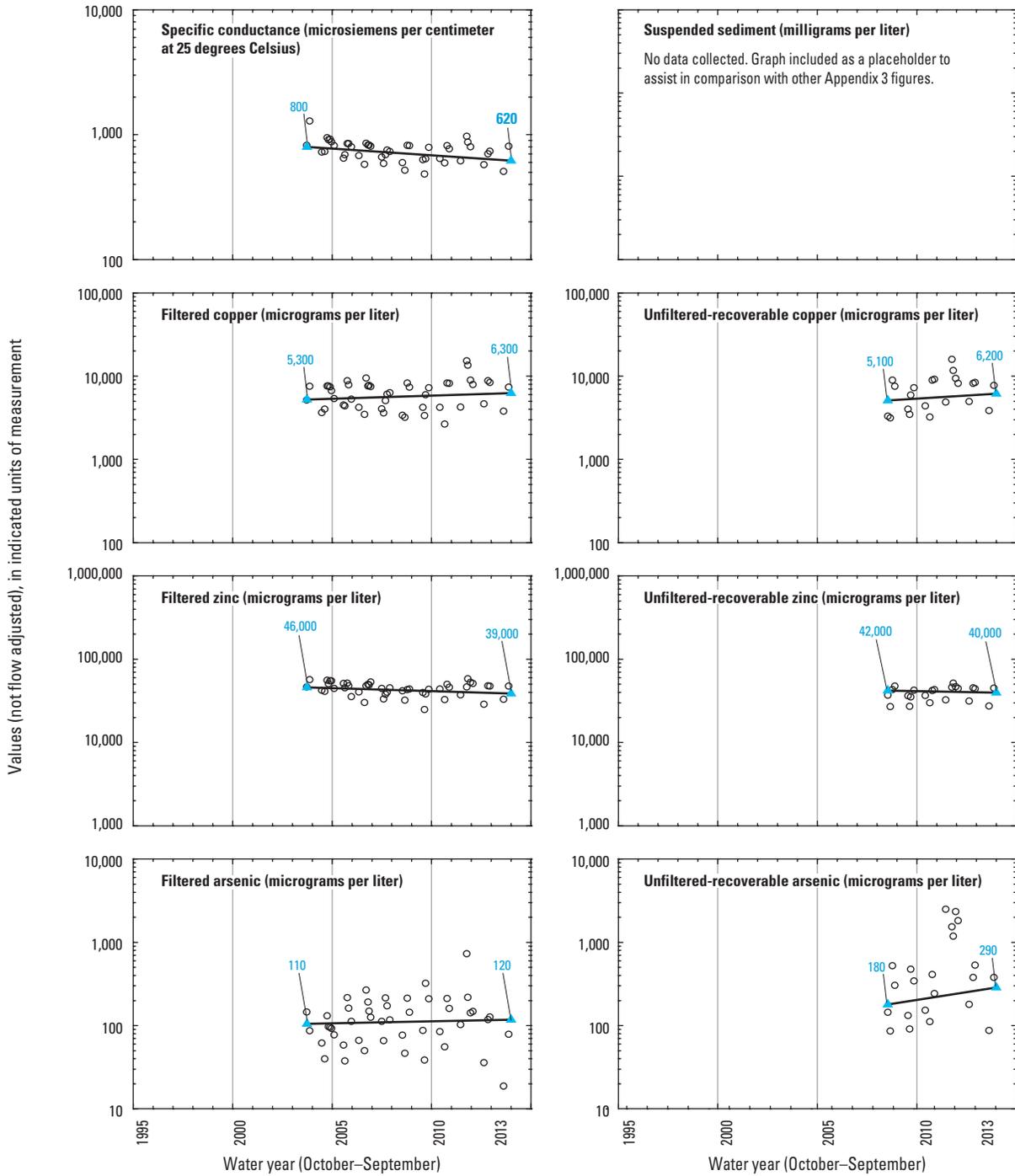


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 73** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–5. Flow-adjusted fitted trends for selected water-quality constituents and properties for Basin Creek at Basin (site 5, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

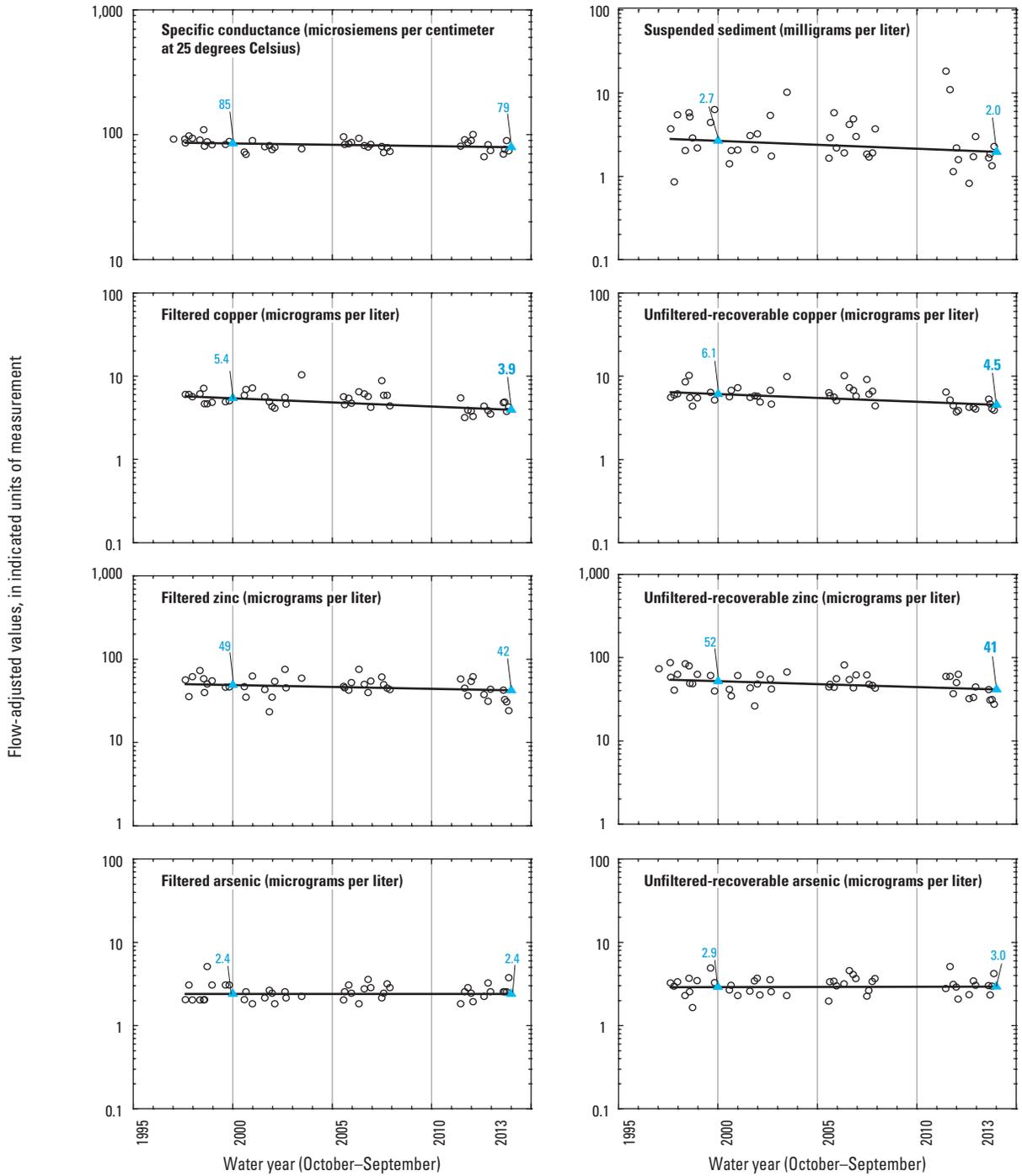


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Concentration—Not flow adjusted
- 800 Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating June 2003, April 2008, or end of water year 2013

Figure 3–6. Fitted trends (not flow adjusted) for selected water-quality constituents and properties for Crystal Mine adit (site 6, fig. 1, table 1), based on analysis of data collected during water years 2003–13.



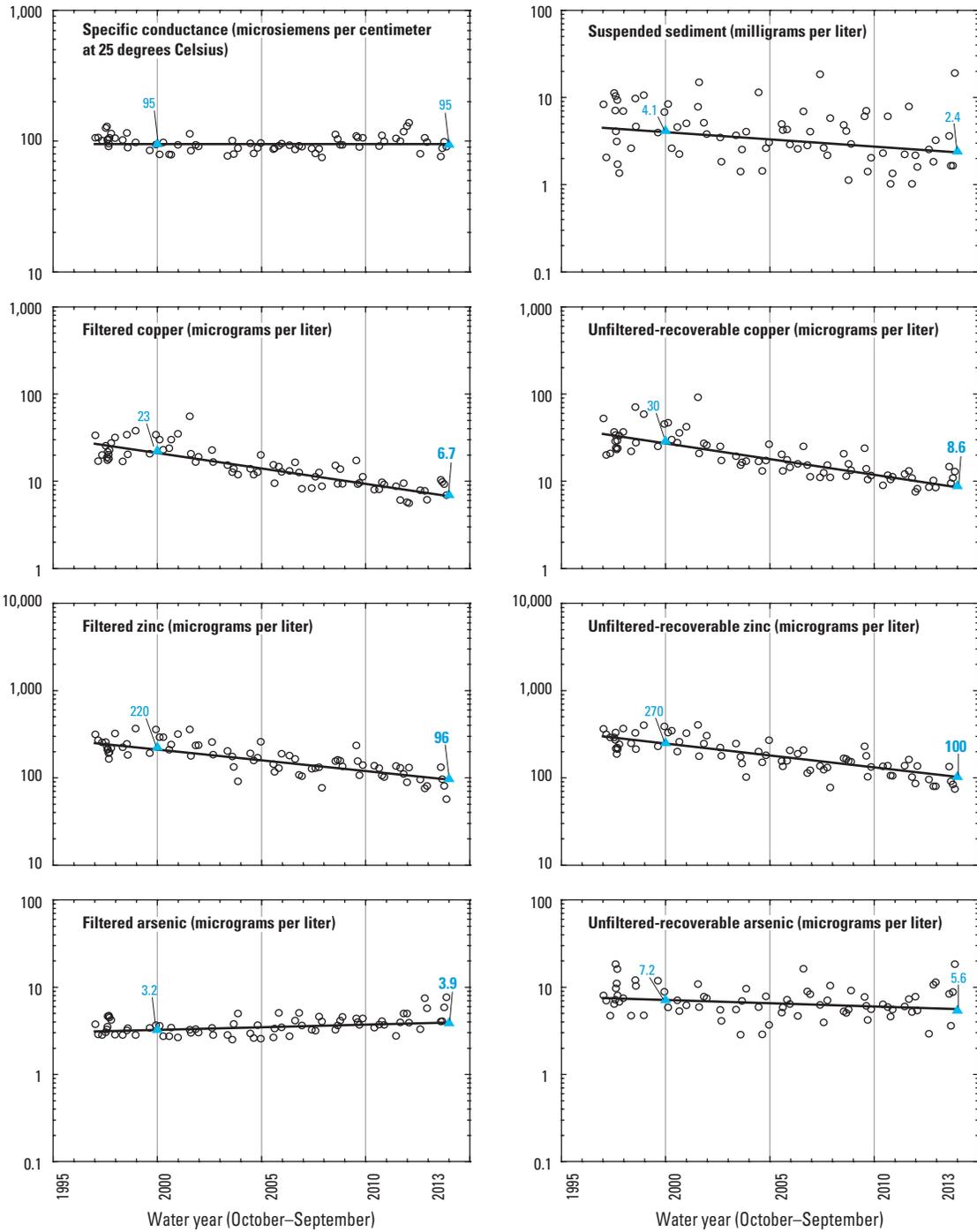
EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 85** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–7. Flow-adjusted fitted trends for selected water-quality constituents and properties for Cataract Creek above Uncle Sam Gulch (site 7, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

Flow-adjusted values, in indicated units of measurement

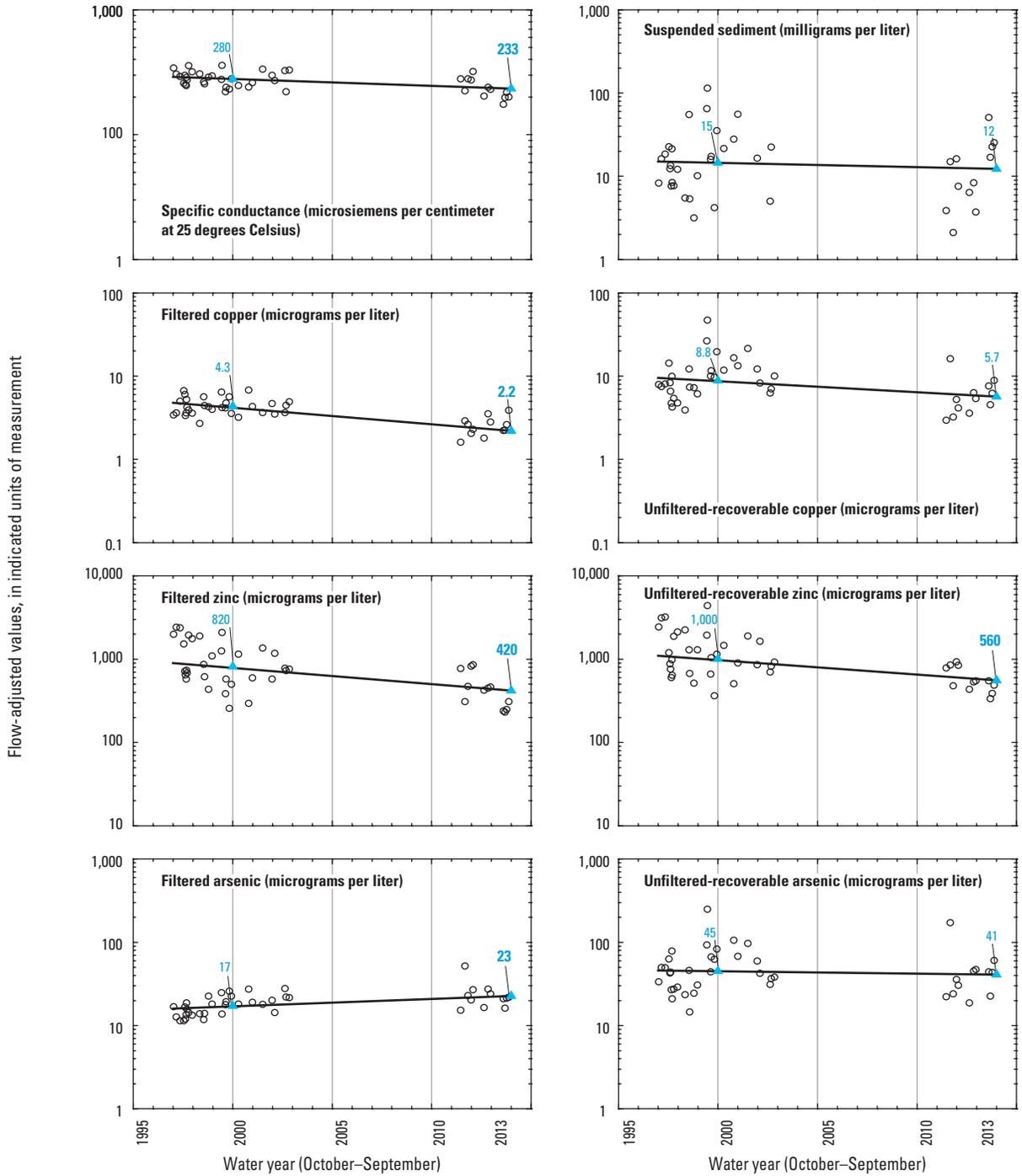


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 95 Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–8. Flow-adjusted fitted trends for selected water-quality constituents and properties for Cataract Creek at Basin (site 8, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.



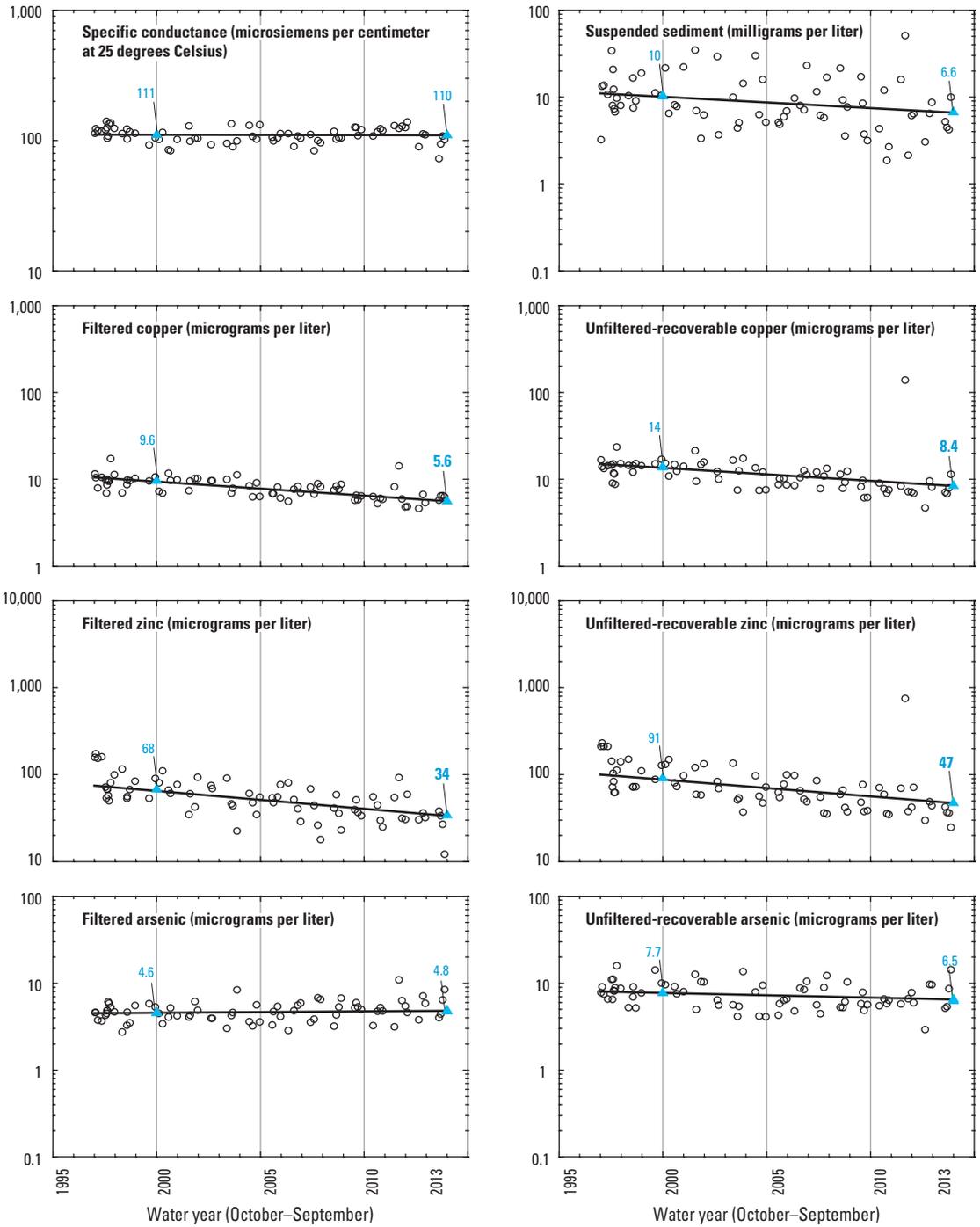
EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- ▲ Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–9. Flow-adjusted fitted trends for selected water-quality constituents and properties for High Ore Creek near Basin (site 9, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

Flow-adjusted values, in indicated units of measurement

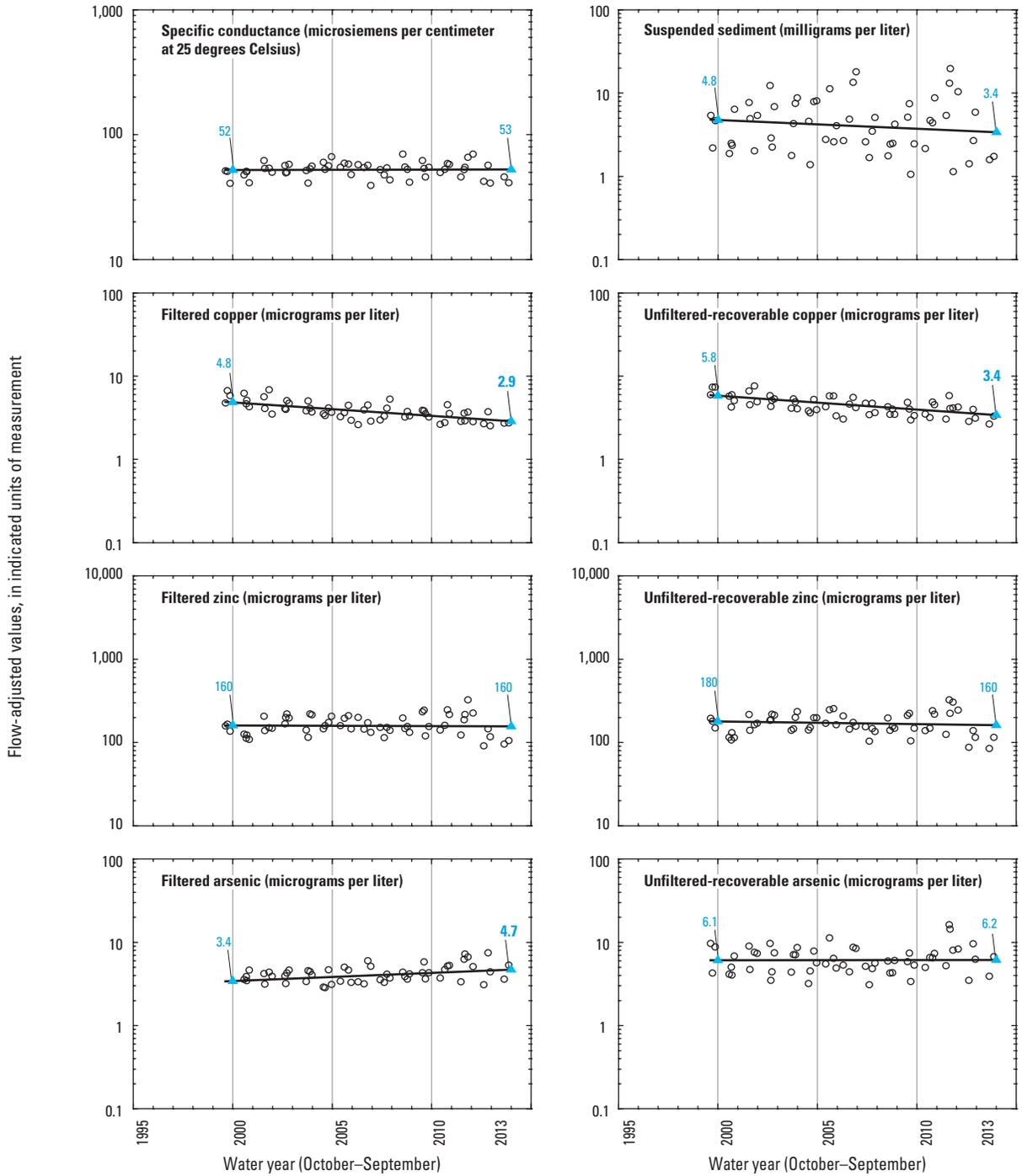


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 111** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–10. Flow-adjusted fitted trends for selected water-quality constituents and properties for Boulder River below Little Galena Gulch (site 10, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

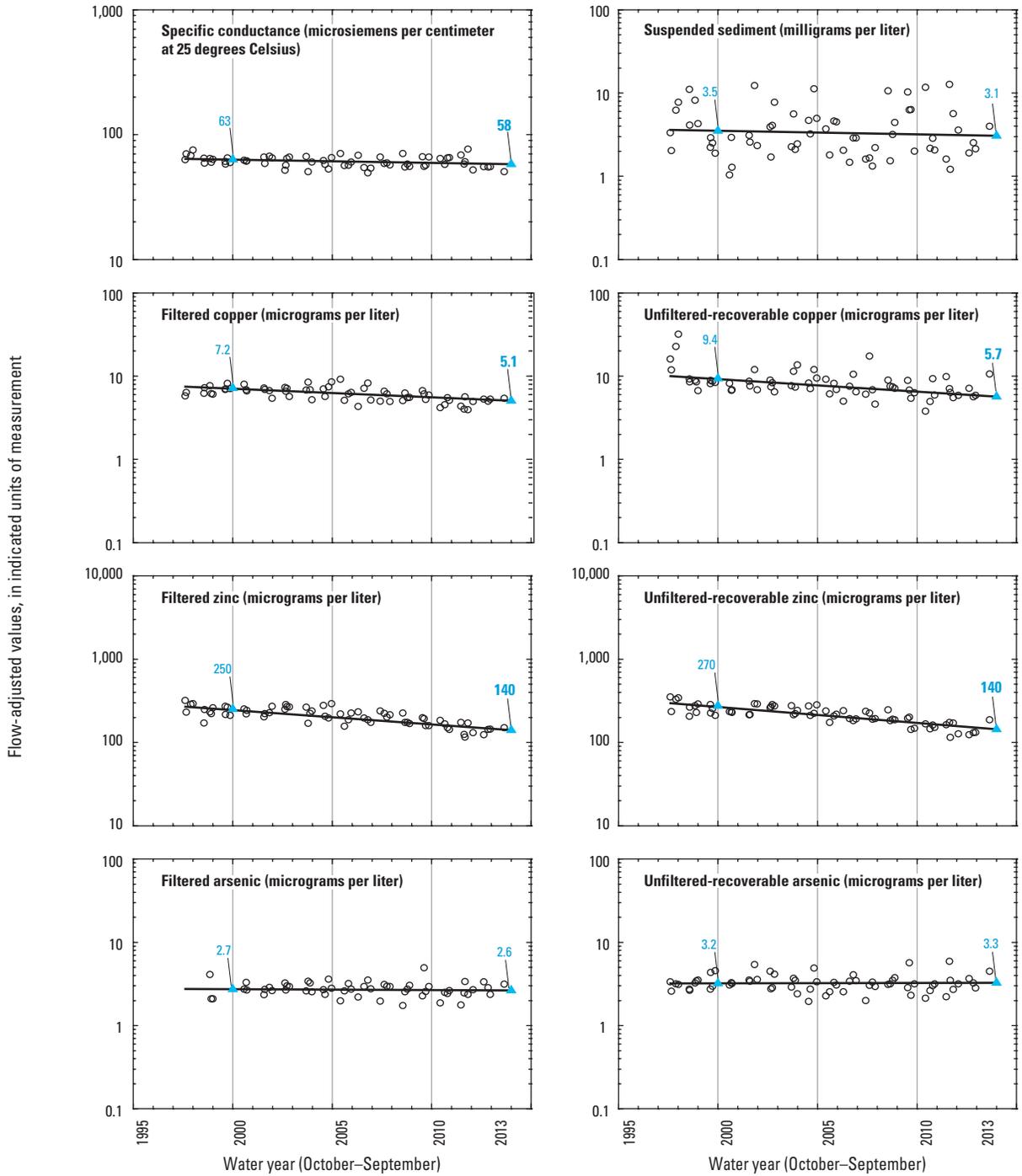


EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 52** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–11. Flow-adjusted fitted trends for selected water-quality constituents and properties for Tenmile Creek above City Diversion (site 11, fig. 1, table 1), based on analysis of data collected during water years 1999–2013.



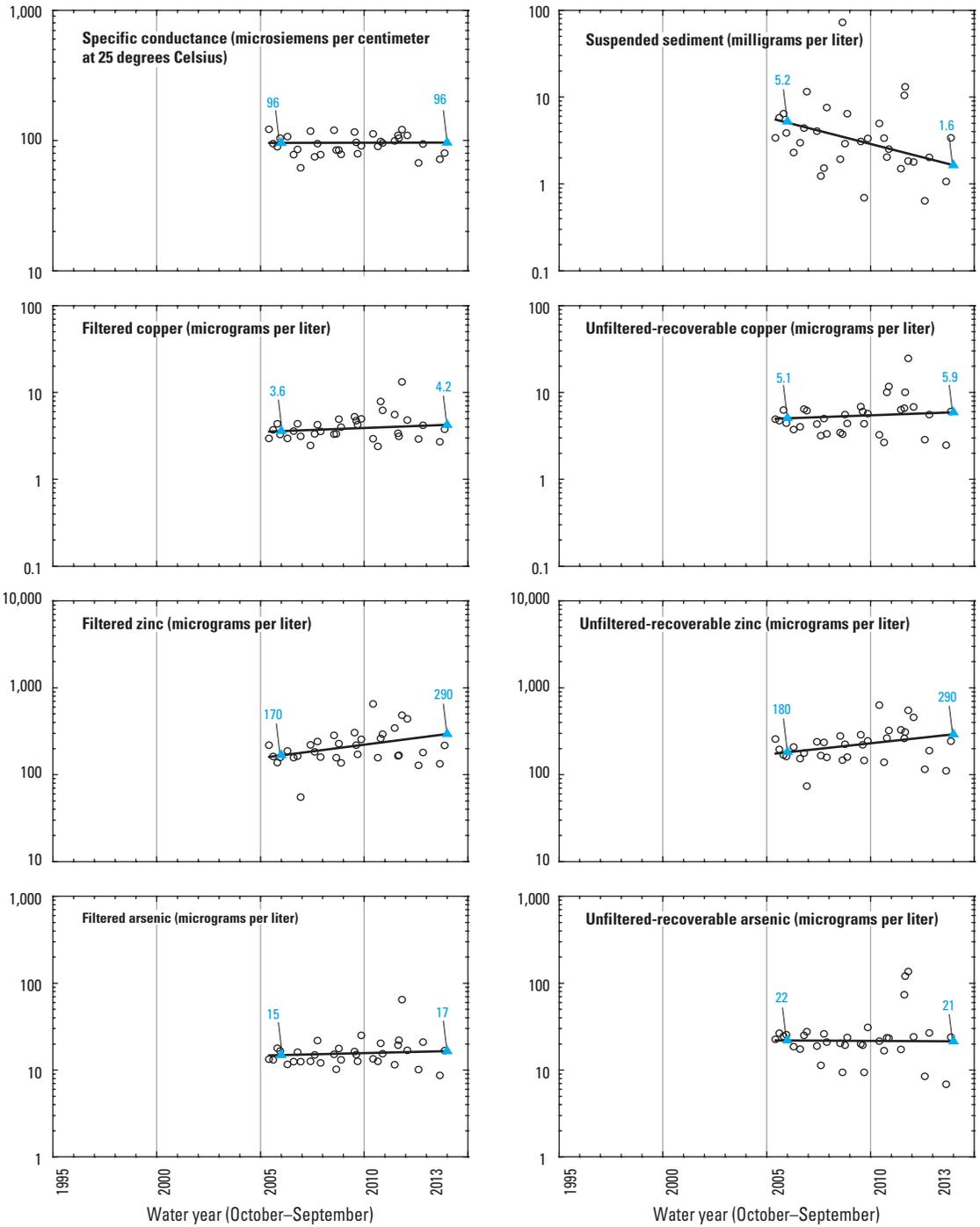
EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; *p*-value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 63** Fitted trend value for indicated time—Bold values indicate statistical significance (*p*-value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–12. Flow-adjusted fitted trends for selected water-quality constituents and properties for Minnehaha Creek near Rimini (site 12, fig. 1, table 1), based on analysis of data collected during water years 1997–2013.

Flow-adjusted values, in indicated units of measurement



EXPLANATION

[Water year is defined as the 12-month period from October 1 through September 30 and is designated by the year in which it ends; p -value, statistical probability level]

- Flow-adjusted fitted trend
- Flow-adjusted concentration
- 96** Fitted trend value for indicated time—Bold values indicate statistical significance (p -value less than 0.01).
- ▲ Point indicating start of water year 2000 or end of water year 2013

Figure 3–13. Flow-adjusted fitted trends for selected water-quality constituents and properties for Tenmile Creek near Rimini (site 13, fig. 1, table 1), based on analysis of data collected during water years 2005–13.