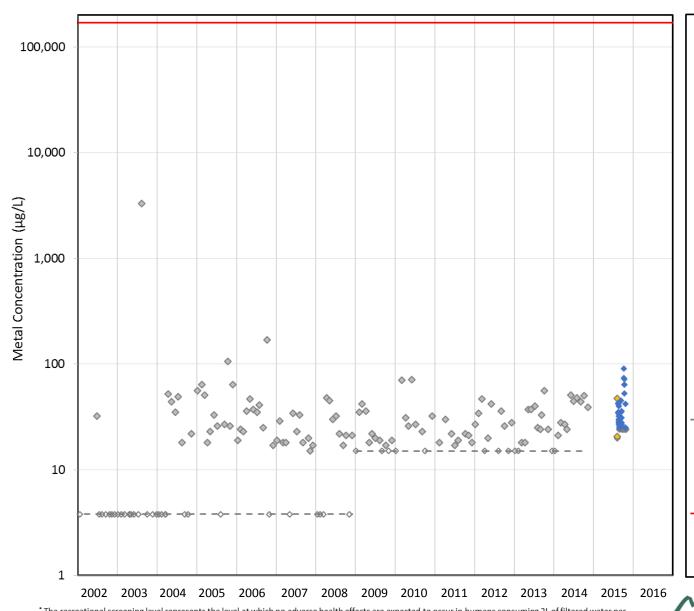


~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardness and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



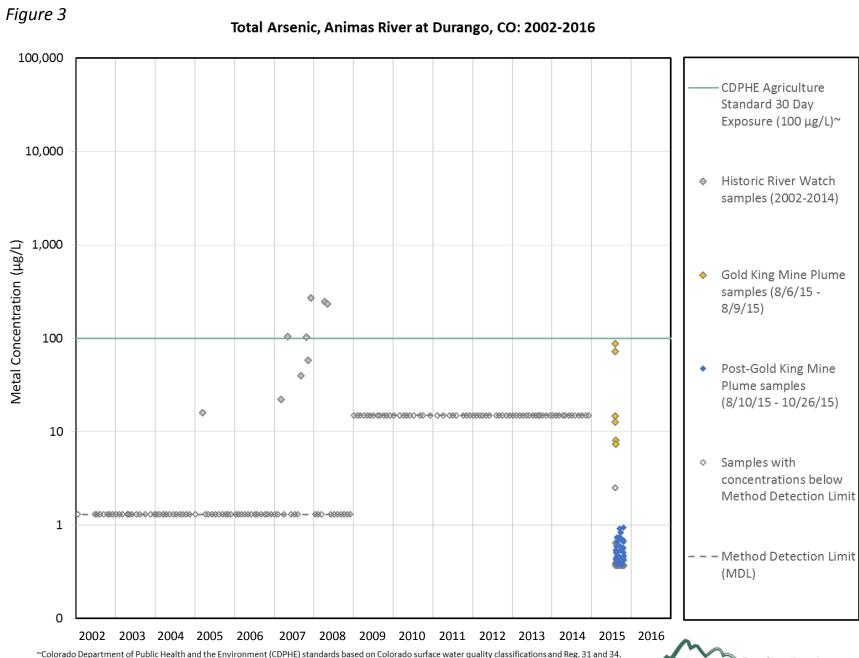
Dissolved Aluminum, Animas River at Durango, CO: 2002-2016



- Historic River Watch samples (2002-2014)
- Gold King Mine Plume samples (8/6/15 -8/9/15)
- Post-Gold King Mine Plume samples (8/10/15 - 10/26/15)
- Samples with concentrations below Method Detection Limit
- – Method Detection Limit (MDL)
 - EPA Surface Water Recreational Screening Level (170,000 μg/L)*

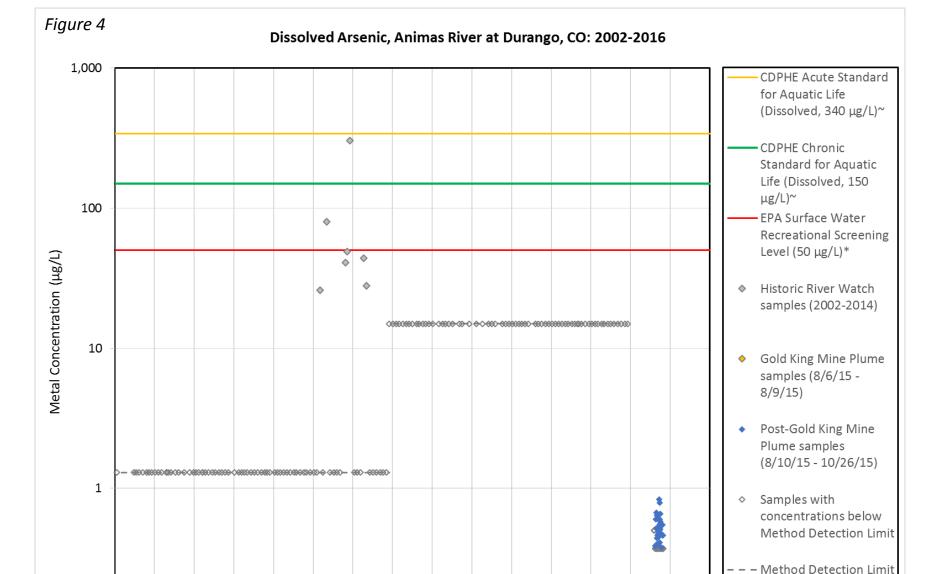
Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO.

^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.



~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

0

2002

2003 2004 2005 2006

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

Mountain Studies Institute SAN JUAN MOUNTAINS, CO

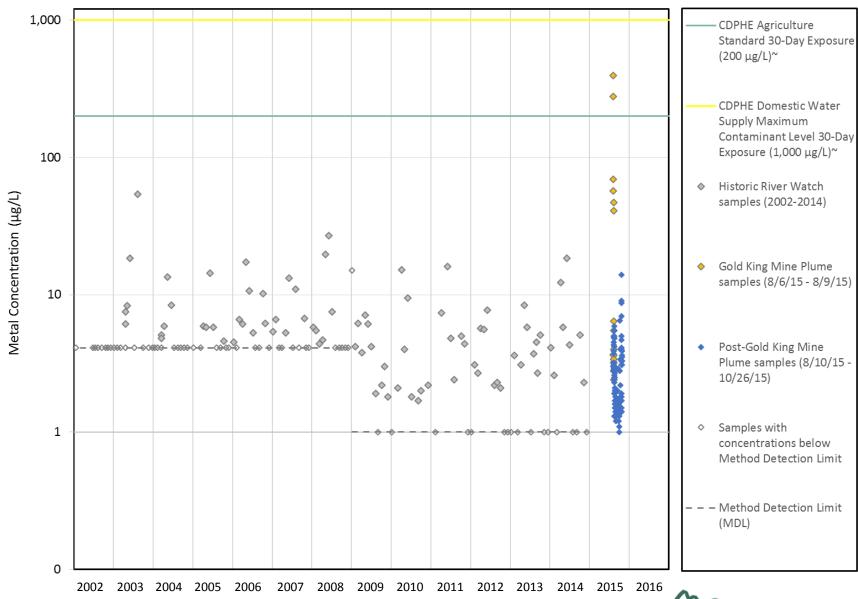
(MDL)

^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.

[~]Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.

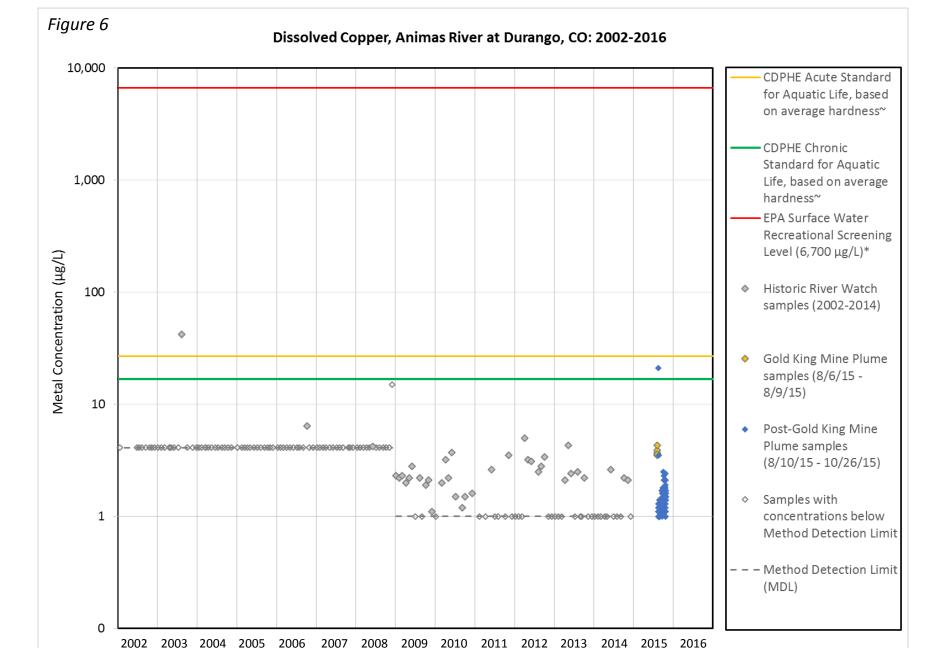


Total Copper, Animas River at Durango, CO: 2002-2016



~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



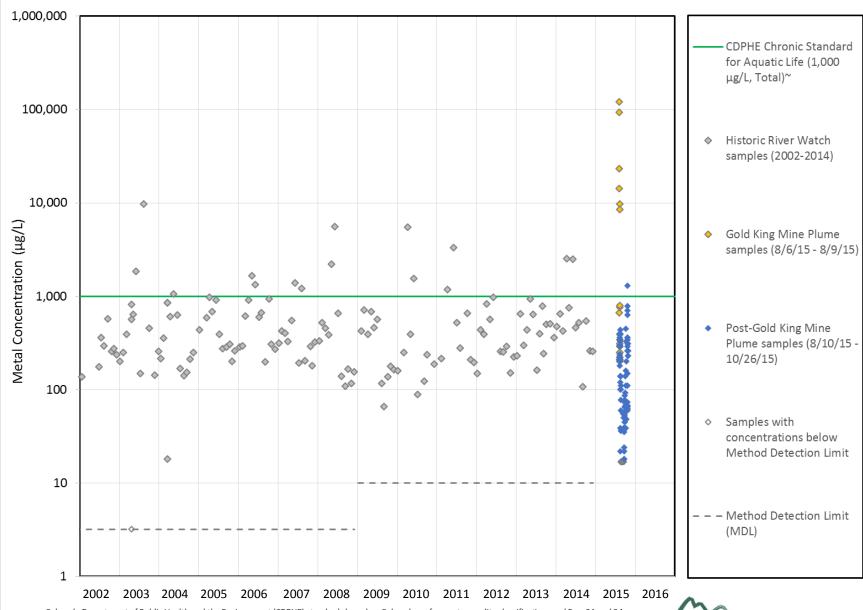
^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

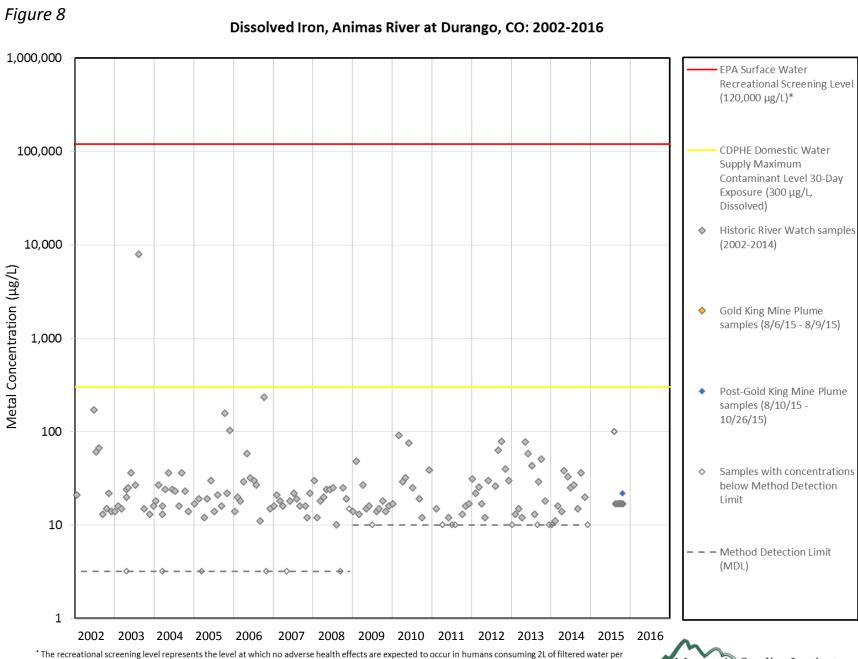
[~]Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.



Total Iron, Animas River at Durango, CO: 2002-2016

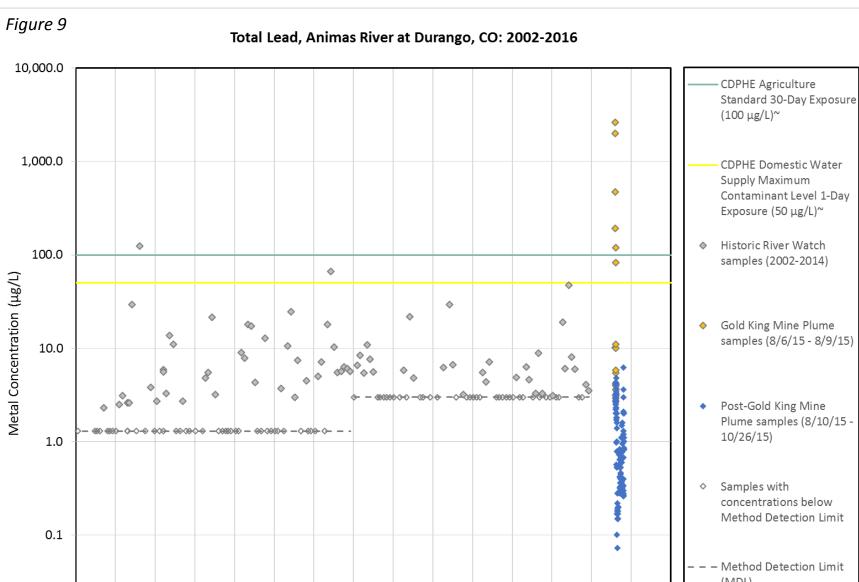


~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water p day, from the Animas, orally, for 64 days each year for a total of 30 years.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO.



(MDL)

~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO

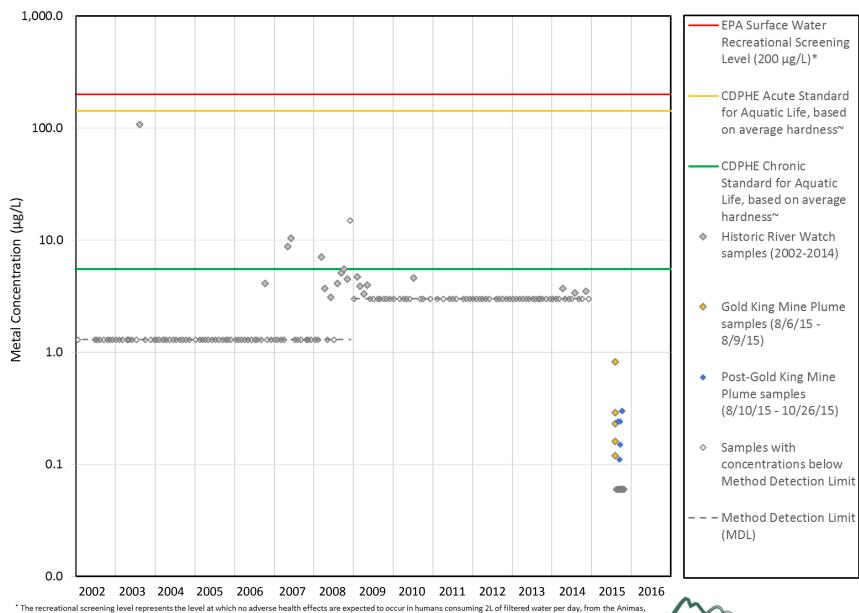
2011 2012 2013 2014

0.0





Dissolved Lead, Animas River at Durango, CO: 2002-2016



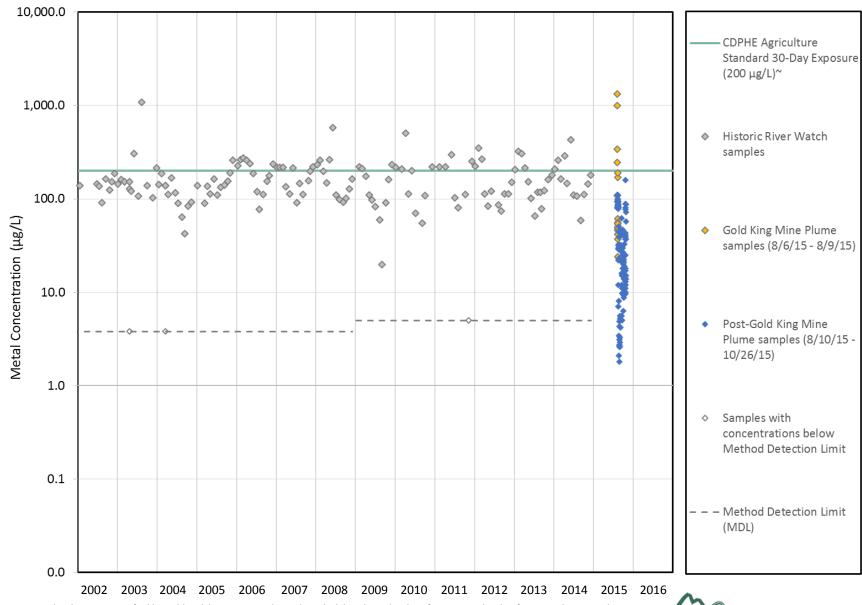
orally, for 64 days each year for a total of 30 years.

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

^{*}Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.

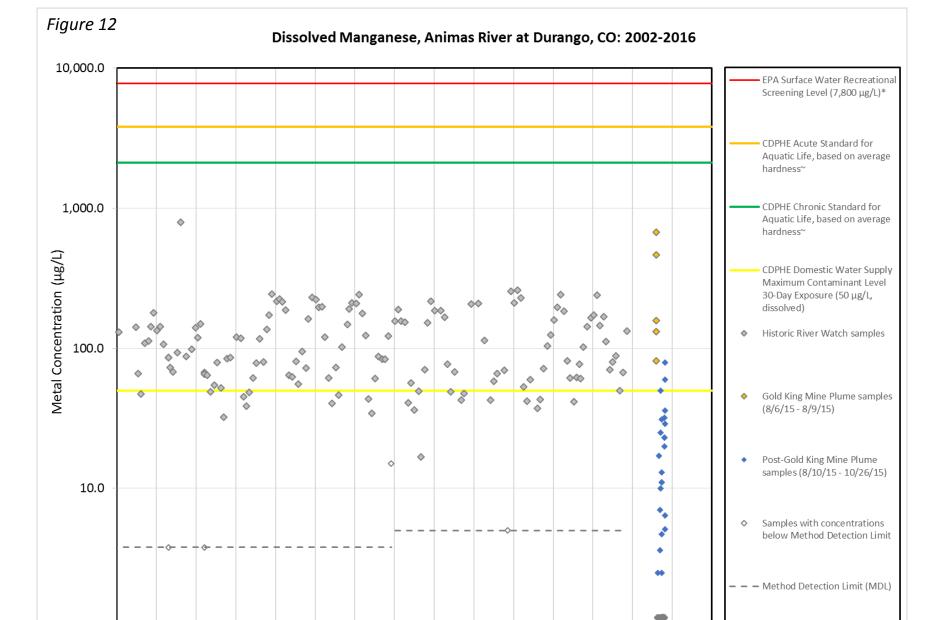


Total Manganese, Animas River at Durango, CO: 2002-2016



~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.

1.0

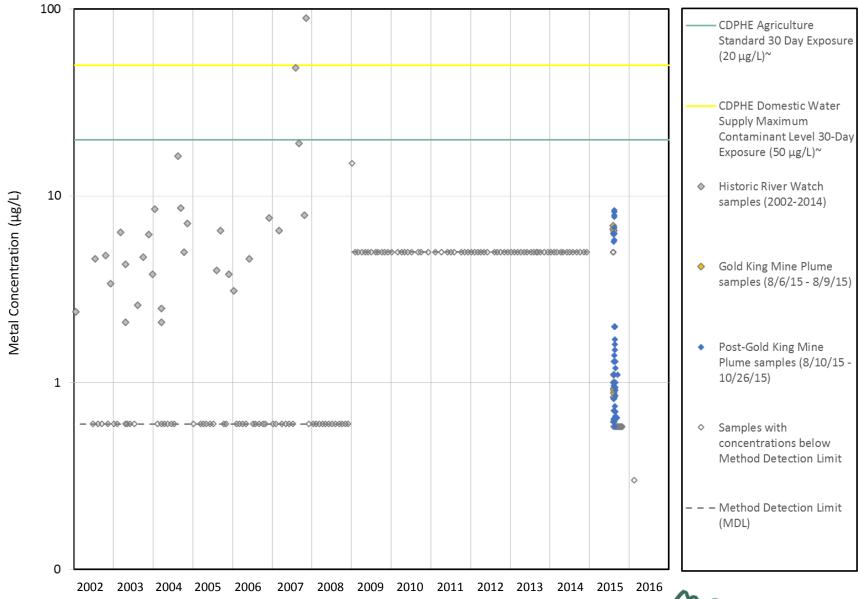
2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

[~]Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.



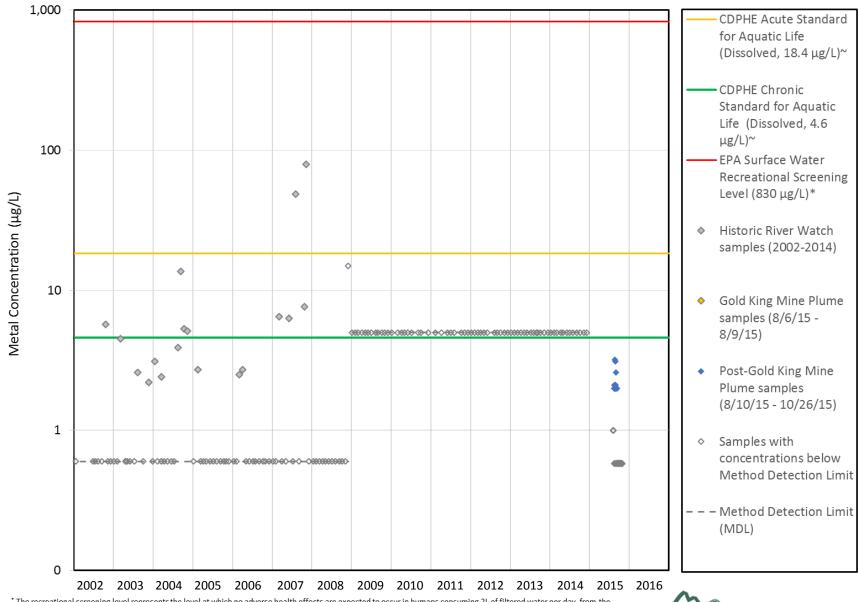
Total Selenium, Animas River at Durango, CO: 2002-2016



~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



Dissolved Selenium, Animas River at Durango, CO: 2002-2016



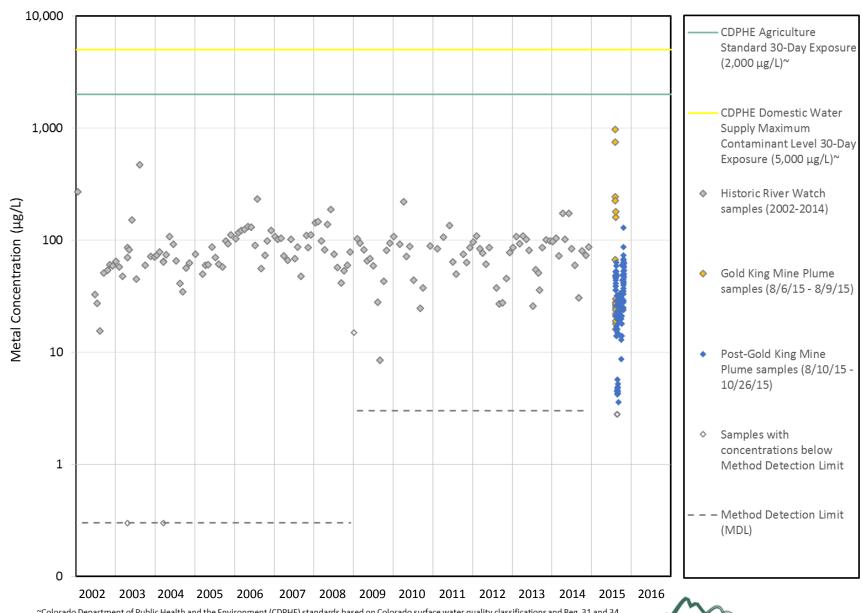
^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

[~]Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.



Total Zinc, Animas River at Durango, CO: 2002-2016

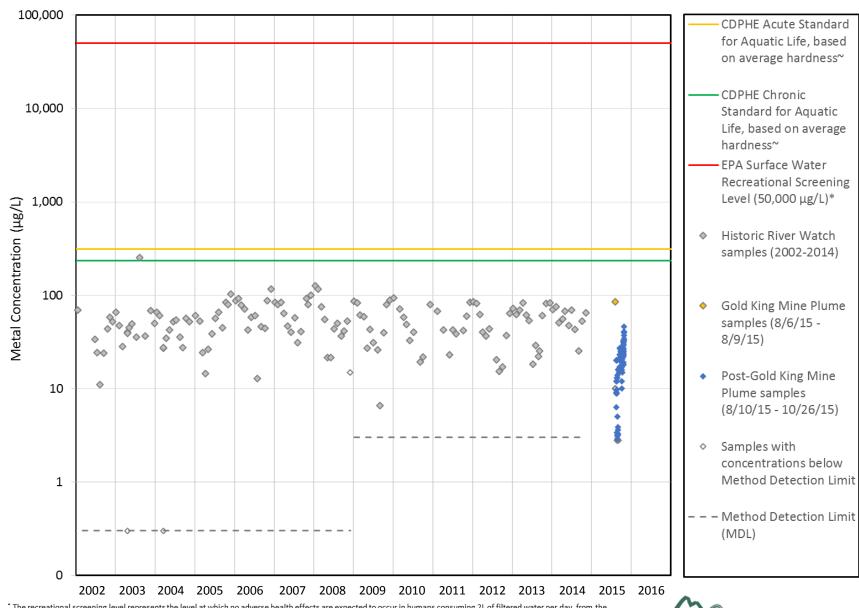


~Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34.

Note: 2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from the Animas River at Rotary Park in Durango, CO



Dissolved Zinc, Animas River at Durango, CO: 2002-2016



^{*} The recreational screening level represents the level at which no adverse health effects are expected to occur in humans consuming 2L of filtered water per day, from the Animas, orally, for 64 days each year for a total of 30 years.

2002 - 2014 data is River Watch data from the Animas River at the fish hatchery in Durango, CO. 2015 data is Mountain Studies Institute data from Rotary Park in Durango, CO.

Colorado Department of Public Health and the Environment (CDPHE) standards based on Colorado surface water quality classifications and Reg. 31 and 34. Standards vary with water hardnesss and are plotted here using an average water hardness of the Animas River at this location, 208 mg/L.