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Grand Lake at West Portal Adams Tunnel (GL-ATW)
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Figure C.165  Mg time series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

Magnesium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.166  Mg time series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

Magnesium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.167  Mg time series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Magnesium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.168  Mg time series for Carter Lake at Dam #1 (CL-DAM1)

Magnesium (mg/L) Time Series Plot  WY 2005 - WY 2011
Figure C.177 Sodium Time Series for Grand Lake Middle (GL-MID)

Grand Lake - middle (GL-MID)
Sodium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.179 Sodium Time Series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)
Sodium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.178 Sodium Time Series for Grand Lake at West Portal Adams Tunnel (GL-ATW)

Grand Lake at West Portal Adams Tunnel (GL-ATW)
Sodium (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.180 Sodium Time Series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)
Sodium (mg/L) Time Series Plot  WY 2005 - WY 2011
**Figure C. 197 Chloride Time Series for Windy Gap Res at Dam (WG-DAM)**

Windy Gap Reservoir at Dam (WG-DAM)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 199 Chloride Time Series for Granby Res at Dam (GR-DAM)**

Granby Reservoir at Dam (GR-DAM)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 198 Chloride Time Series for Willow Creek Res at Dam (WC-DAM)**

Willow Creek Reservoir at Dam (WC-DAM)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 200 Chloride Time Series for Granby Res East Side (GR-EAS)**

Granby Reservoir - East Side (GR-EAS)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011
**Figure C.201 Chloride Time Series for Granby Res West Side (GR-WES)**

Granby Reservoir - west side (GR-WES)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.202 Chloride Time Series for Shadow Mountain Res at Dam (SM-DAM)**

Shadow Mountain Reservoir at Dam (SM-DAM)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.203 Chloride Time Series for Shadow Mountain Res - Mid (SM-MID)**

Shadow Mountain Reservoir - mid section (SM-MID)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.204 Chloride Time Series for Shadow Mountain Res Channel to Grand Lake (SM-CHL)**

Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)
Chloride (mg/L) Time Series Plot WY 2005 - WY 2011

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Figure C.213 Sulfate Time Series for Granby Reservoir at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Sulfate (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.214 Sulfate Time Series for Granby Reservoir East Side (GR-EAS)

Granby Reservoir - east side (GR-EAS)
Sulfate (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.215 Sulfate Time Series for Granby Reservoir West Side (GR-WES)

Granby Reservoir - west side (GR-WES)
Sulfate (mg/L) Time Series Plot  WY 2005 - WY 2011

Figure C.216 Sulfate Time Series for Shadow Mountain Reservoir at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Sulfate (mg/L) Time Series Plot  WY 2005 - WY 2011
**Figure C.221** Sulfate time series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

**Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)**
Sulfate (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.223** Sulfate time series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

**Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)**
Sulfate (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.222** Sulfate time series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

**Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)**
Sulfate (mg/L) Time Series Plot WY 2005 - WY 2011

**Figure C.224** Sulfate time series for Carter Lake at Dam #1 (CL-DAM1)

**Carter Lake at Dam #1 (CL-DAM1)**
Sulfate (mg/L) Time Series Plot WY 2005 - WY 2011
**Figure C.229** AS time series for Granby Res West side (GR-WES)

Granby Reservoir - west side (GR-WES)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L

**Figure C.230** AS time series for Shadow mtm res at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L

**Figure C.231** AS time series for Shadow mtm res - mid (SM-MID)

Shadow Mountain Reservoir - mid section (SM-MID)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L

**Figure C.232** AS time series for Shadow mtm res channel to Grand lake (SM-CHL)

Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L
2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L
**Figure C.237**  As time series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L

**Figure C.239**  Cd time series for Windy Gap Reservoir at Dam (WG-DAM)

Windy Gap Reservoir at Dam (WG-DAM)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 1 ug/L; 2008 MDL = 0.01 & 0.1 ug/L; After 2008 MDL = .005 & .01 ug/L

**Figure C.238**  As time series for Carter Lake at Dam #1 (CL-DAM1)

Carter Lake at Dam #1 (CL-DAM1)
Arsenic, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 2 ug/L; 2008 MDL = 0.06 ug/L & 0.5 ug/L; After 2008 MDL = 0.005 ug/L

**Figure C.240**  Cd time series for Willow Creek Reservoir at Dam (WC-DAM)

Willow Creek Reservoir at Dam (WC-DAM)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL = 1 ug/L; 2008 MDL = 0.01 & 0.1 ug/L; After 2008 MDL = .005 & .01 ug/L
2007 MDL = 1 ug/L; 2008 MDL = 0.01 & 0.1 ug/L; After 2008 MDL = .005 & .01 ug/L

Figure C. 241 Cd time series for Granby Res at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Figure C. 242 Cd time series for Granby Res East side (GR-EAS)

Granby Reservoir - East side (GR-EAS)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Figure C. 243 Cd time series for Granby Res West side (GR-WES)

Granby Reservoir - west side (GR-WES)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Figure C. 244 Cd time series for Shadow Mtn Res at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

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**Figure C.245** Cd time series for Shadow Mountain Reservoir – Mid section (SM-MID)

**Figure C.247** Cd time series for Grand Lake Middle (GL-MID)

**Figure C.246** Cd time series for Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)

**Figure C.248** Cd time series for Grand Lake at West Portal Adams Tunnel (GL-ATW)
# Cd Time Series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

**Figure C. 249**

Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL= 1 ug/L; 2008 MDL= 0.01 & 0.1 ug/L; After 2008 MDL=.005 & .01 ug/L

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# Cd Time Series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

**Figure C. 251**

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL= 1 ug/L; 2008 MDL= 0.01 & 0.1 ug/L; After 2008 MDL=.005 & .01 ug/L

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# Cd Time Series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

**Figure C. 250**

Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL= 1 ug/L; 2008 MDL= 0.01 & 0.1 ug/L; After 2008 MDL=.005 & .01 ug/L

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# Cd Time Series for Carter Lake at Dam #1 (CL-DAM1)

**Figure C. 252**

Carter Lake at Dam #1 (CL-DAM1)

Cadmium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2007 MDL= 1 ug/L; 2008 MDL= 0.01 & 0.1 ug/L; After 2008 MDL=.005 & .01 ug/L

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2006-2007 MDL=2 ug/L; 2008 MDL=0.04 ug/L & 10 ug/L; After 2008 MDL=0.03 ug/L

**Figure C. 257** Cu time series for Granby Reservoir west side (GR-WES)

Granby Reservoir - west side (GR-WES)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 258** Cu time series for Shadow Mountain Reservoir at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 259** Cu time series for Shadow Mountain Reservoir - mid section (SM-MID)

Shadow Mountain Reservoir - mid section (SM-MID)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C. 260** Cu time series for Shadow Mountain Reservoir channel to Grand Lake (SM-CHL)

Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

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2006-2007 MDL=2 ug/L; 2008 MDL=0.04 ug/L & 10 ug/L; After 2008 MDL=0.03 ug/L

**Figure C.261**  
Copper, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.262**  
Copper, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.263**  
Copper, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.264**  
Copper, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011
2006-2007 MDL=2 ug/L; 2008 MDL=0.04 ug/L & 10 ug/L; After 2008 MDL=0.03 ug/L

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Windy Gap Reservoir at Dam (WG-DAM)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Carter Lake at Dam #1 (CL-DAM1)
Copper, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Willow Creek Reservoir at Dam (WC-DAM)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011
**Figure C.269** Fe time series for Granby Res at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.270** Fe time series for Granby Res East side (GR-EAS)

Granby Reservoir - east side (GR-EAS)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.271** Fe time series for Granby Res West side (GR-WES)

Granby Reservoir - west side (GR-WES)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.272** Fe time series for Shadow Mt Res at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011
**Figure C.273** Fe time series for Shadow Mountain Reservoir - mid section (SM-MID)

**Shadow Mountain Reservoir - mid section (SM-MID)**
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.275** Fe time series for Grand Lake middle (GL-MID)

**Grand Lake - middle (GL-MID)**
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.274** Fe time series for Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)

**Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)**
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.276** Fe time series for Grand Lake at West Portal Adams Tunnel (GL-ATW)

**Grand Lake at West Portal Adams Tunnel (GL-ATW)**
Iron, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011
**Figure C.277** Fe Time Series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)
Iron, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.279** Fe Time Series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)
Iron, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.278** Fe Time Series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)
Iron, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011

**Figure C.280** Fe Time Series for Carter Lake at Dam #1 (CL-DAM1)

Carter Lake at Dam #1 (CL-DAM1)
Iron, dissolved (ug/L) Time Series Plot  WY 2005 - WY 2011
Figure C. 289  Fe, total time series for Grand Lake middle (GL-MID)

Grand Lake - middle (GL-MID)
Iron, Tot Rec (µg/L) Time Series Plot WY 2005 - WY 2011

Figure C. 291  Fe, total time series for Horsetooth Res at Spring Canyon Dam (HT-SPR)

Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)
Iron, Tot Rec (µg/L) Time Series Plot WY 2005 - WY 2011

Figure C. 290  Fe, total time series for Grand Lake West Portal Adams Tunnel (GL-ATW)

Grand Lake at West Portal Adams Tunnel (GL-ATW)
Iron, Tot Rec (µg/L) Time Series Plot WY 2005 - WY 2011

Figure C. 292  Fe, total time series for Horsetooth Res at Dixon Canyon Dam (HT-DIX)

Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)
Iron, Tot Rec (µg/L) Time Series Plot WY 2005 - WY 2011
2007 MDL = 2 ug/L; 2008 MDL = .03 & 0.1 ug/L; After 2008 MDL = .004 & .006 ug/L

Iron, Tot Rec (ug/L) Time Series Plot WY 2005 - WY 2011

**Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)**

- **Figure C. 293**

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Lead, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Windy Gap Reservoir at Dam (WG-DAM)**

- **Figure C. 295**

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Iron, Tot Rec (ug/L) Time Series Plot WY 2005 - WY 2011

**Carter Lake at Dam #1 (CL-DAM1)**

- **Figure C. 294**

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Lead, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Willow Creek Reservoir at Dam (WC-DAM)**

- **Figure C. 296**

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2007 MDL = 2 ug/L; 2008 MDL = .03 & .01 ug/L; After 2008 MDL = .004 & .006 ug/L

**Figure C.27** Pb time series for granby res at dam (GR-DAM)

**Figure C.29** Pb time series for granby res west side (GR-WES)

**Figure C.28** Pb time series for granby res east side (GR-EAS)

**Figure C.30** Pb time series for shadow mtm res at dam (SM-DAM)
2007 MDL = 2 ug/L; 2008 MDL = .03 & 0.1 ug/L; After 2008 MDL = .004 & .006 ug/L
Drinking Water Standard

2005-2007 MDL=10 ug/L; 2008 MDL=0.2 ug/L & 5 ug/L; After 2008 MDL=0.02 ug/L

Mn (µg/L)

Manganese, dissolved (µg/L) Time Series Plot  WY 2005 - WY 2011

2005-2007 MDL=10 ug/L; 2008 MDL=0.2 ug/L & 5 ug/L; After 2008 MDL=0.02 ug/L

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**Figure C.313** Mn time series for Granby Reservoir West side (GR-WES)

**Granby Reservoir - west side (GR-WES)**
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.314** Mn time series for Shadow Mountain Reservoir at Dam (SM-DAM)

**Shadow Mountain Reservoir at Dam (SM-DAM)**
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.315** Mn time series for Shadow Mountain Reservoir - Mid section (SM-MID)

**Shadow Mountain Reservoir - mid section (SM-MID)**
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.316** Mn time series for Shadow Mountain Reservoir channel to Grand Lake (SM-CHL)

**Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)**
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2005-2007 MDL=10 ug/L; 2008 MDL=0.2 ug/L & 5 ug/L; After 2008 MDL=0.02 ug/L
MDL varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.

**Figure C.321 Mn time series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)**

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.323 Hg time series for Windy Gap Reservoir at Dam (WG-DAM)**

Windy Gap Reservoir at Dam (WG-DAM)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

**Figure C.322 Mn time series for Carter Lake at Dam #1 (CL-DAM1)**

Carter Lake at Dam #1 (CL-DAM1)
Manganese, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.324 Hg time series for Willow Creek Reservoir at Dam (WC-DAM)**

Willow Creek Reservoir at Dam (WC-DAM)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011
**Figure C.325** Hg time series for Granby Res at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

**Figure C.326** Hg time series for Granby Res east side (GR-EAS)

Granby Reservoir - east side (GR-EAS)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

**Figure C.327** Hg time series for Granby Res west side (GR-WES)

Granby Reservoir - west side (GR-WES)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

**Figure C.328** Hg time series for Shadow Mt Res at Dam (SM-DAM)

Shadow Mountain Reservoir at Dam (SM-DAM)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.
**Figure C.329** HG time series for Shadow Mt. Res. mid (SM-MID)

**Shadow Mountain Reservoir - mid section (SM-MID)**

Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

[Graph showing time series plot with depth and mercury concentration]

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.

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**Figure C.331** HG time series for Grand Lake middle (GL-MID)

**Grand Lake - middle (GL-MID)**

Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

[Graph showing time series plot with depth and mercury concentration]

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.

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**Figure C.330** HG time series for Shadow Mt. Res. channel to Grand Lake (SM-CHL)

**Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)**

Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

[Graph showing time series plot with depth and mercury concentration]

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.

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**Figure C.332** HG time series for Grand Lake at West Portal Adams Tunnel (GL-ATW)

**Grand Lake at West Portal Adams Tunnel (GL-ATW)**

Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

[Graph showing time series plot with depth and mercury concentration]

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L.
Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

Carter Lake at Dam #1 (CL-DAM1)
Mercury, Tot Rec (ng/L) Time Series Plot WY 2005 - WY 2011

MDL: varied, 0.04 ng/L, 0.12 ng/L & 0.14 ng/L

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**Figure C.337** Ni Time series for Windy Gap Res at Dam (WG-DAM)

Windy Gap Reservoir at Dam (WG-DAM)
Nickel, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.339** Ni Time series for Granby Res at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Nickel, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.338** Ni Time series for Willow Creek Res at Dam (WC-DAM)

Willow Creek Reservoir at Dam (WC-DAM)
Nickel, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.340** Ni Time series for Granby Res East side (GR-EAS)

Granby Reservoir - east side (GR-EAS)
Nickel, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011
Before 2008 MDL= 2 ug/L; 2008 MDL= .04 & 0.1 ug/L; After 2008 MDL= 0.02 ug/L

2008 MDL = 0.05 ug/L & 0.6 ug/L; After 2008 MDL = 0.02 ug/L

Figure C.349  Ni Time Series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Figure C.351  Se Time Series for Windy Gap Reservoir at Dam (WG-DAM)

Figure C.350  Ni Time Series for Carter Lake at Dam #1 (CL-DAM1)

Figure C.352  Se Time Series for Willow Creek Reservoir at Dam (WC-DAM)
Before 2008 MDL= 2 ug/L; 2008 MDL= .04 & 0.1 ug/L; After 2008 MDL= 0.02 ug/L

**Figure C. 353** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Granby Reservoir at Dam (GR-DAM)

**Figure C. 354** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Granby Reservoir - east side (GR-EAS)

**Figure C. 355** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Granby Reservoir - west side (GR-WES)

**Figure C. 356** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

Shadow Mountain Reservoir at Dam (SM-DAM)
Before 2008 MDL = 2 ug/L; 2008 MDL = 0.04 & 0.1 ug/L; After 2008 MDL = 0.02 ug/L

**Figure C.357** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Shadow Mountain Reservoir - mid section (SM-MID)**

**Figure C.359** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Grand Lake - middle (GL-MID)**

Before 2008 MDL = 2 ug/L; 2008 MDL = 0.04 & 0.1 ug/L; After 2008 MDL = 0.02 ug/L

**Figure C.358** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)**

**Figure C.360** Selenium, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Grand Lake at West Portal Adams Tunnel (GL-ATW)**

Before 2008 MDL = 2 ug/L; 2008 MDL = 0.04 & 0.1 ug/L; After 2008 MDL = 0.02 ug/L
Before 2008 MDL = 2 ug/L; 2008 MDL = .04 & 0.1 ug/L; After 2008 MDL = 0.02 ug/L
FIGURE C.365  AG time series for Windy Gap Reservoir at Dam (WG-DAM)

Windy Gap Reservoir at Dam (WG-DAM)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2008 MDL = 0.004 ug/L & 0.05 ug/L; After 2008 MDL = 0.003 ug/L

FIGURE C.367  AG time series for Granby Reservoir at Dam (GR-DAM)

Granby Reservoir at Dam (GR-DAM)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2008 MDL = 0.004 ug/L & 0.05 ug/L; After 2008 MDL = 0.003 ug/L

FIGURE C.366  AG time series for Willow Creek Reservoir at Dam (WC-DAM)

Willow Creek Reservoir at Dam (WC-DAM)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2008 MDL = 0.004 ug/L & 0.05 ug/L; After 2008 MDL = 0.003 ug/L

FIGURE C.368  AG time series for Granby Reservoir east side (GR-EAS)

Granby Reservoir - east side (GR-EAS)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

2008 MDL = 0.004 ug/L & 0.05 ug/L; After 2008 MDL = 0.003 ug/L
2008 MDL = 0.004 ug/L & 0.05 ug/L; After 2008 MDL = 0.003 ug/L

**Figure C.369  AG TIME SERIES FOR GRANBY RES WEST SIDE (GR-WES)**

Granby Reservoir - west side (GR-WES)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.371  AG TIME SERIES FOR SHADOW MTN RES – MID (SM-MID)**

Shadow Mountain Reservoir - mid section (SM-MID)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.370  AG TIME SERIES FOR SHADOW MTN RES AT DAM (SM-DAM)**

Shadow Mountain Reservoir at Dam (SM-DAM)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

**Figure C.372  AG TIME SERIES FOR SHADOW MTN RES CHANNEL TO GRAND LAKE (SM-CHL)**

Shadow Mountain Reservoir Channel to Grand Lake (SM-CHL)
Silver, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

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Before 2008 MDL = 5 ug/L; 2008 MDL = 0.04 & 10 ug/L; After 2008 MDL = 0.2 ug/L

**Figure C.381** Zn time series for Granby Res at Dam (GR-DAM)

**Figure C.382** Zn time series for Granby Res east side (GR-EAS)

**Figure C.383** Zn time series for Granby Res west side (GR-WES)

**Figure C.384** Zn time series for Shadow Mtn Res at Dam (SM-DAM)
Before 2008 MDL = 5 ug/L; 2008 MDL = 0.04 & 10 ug/L; After 2008 MDL = 0.2 ug/L

**Figure C.389** Zn time series for Horsetooth Reservoir at Spring Canyon Dam (HT-SPR)

**Figure C.391** Zn time series for Horsetooth Reservoir at Soldier Canyon Dam (HT-SOL)

Before 2008 MDL = 5 ug/L; 2008 MDL = 0.04 & 10 ug/L; After 2008 MDL = 0.2 ug/L

**Figure C.390** Zn time series for Horsetooth Reservoir at Dixon Canyon Dam (HT-DIX)

**Figure C.392** Zn time series for Carter Lake at Dam #1 (CL-DAM1)

Zinc, dissolved (ug/L) Time Series Plot WY 2005 - WY 2011

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