Revised

Proposal –Site-Specific Selenium Criteria for Upper and Lower Crow Creek and Deer Creek

Prepared for:

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Smoky Canyon Mine

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Table of Contents

1 Introduction 1
2 Tissue and Water Criteria Currently Adopted for the Crow Creek Drainage 2
2.1 Sage Creek, Hoopes Spring, and South Fork Sage Creek 2
2.2 Crow Creek Downstream of Sage Creek 2
2.3 Crow Creek upstream of Sage Creek 3
3 Setting, Study Area, and Scope of Applicability 4
3.1 Setting 4
3.2 Geographic Scope of Applicability 5
3.3 Monitoring 5
4 Site-Specific Selenium Criteria Elements 10
4.1 Tissue Elements 10
4.1.1 Rationale for Tissue Criteria Elements Change 10
4.1.2 Species Assemblage Present 11
4.1.3 Species Sensitivity 13
4.1.4 Applicability 20
4.2 Derivation of Water Column Element 21
5 Proposed Site-Specific Criteria 26
5.1 Crow Creek - Sage Creek to the Wyoming Stateline 26
5.2 Crow Creek and Deer Creek Upstream of Sage Creek 28
6 Crow Creek Summary 36
7 References 38

Tables

Table ES-1. Existing Selenium Aquatic Life Criteria Adopted in Crow Creek……v

Table ES-2. Proposed Criterion Elements for Two Segments of the Crow Creek and Deer Creek……vi

Table 1. Fish Species Present During Monitoring from 2006 to 2025 12

Table 2. Fish Species Sensitivity Data from Adult Reproduction Studies – Egg/Ovary 16

Table 3. Fish Species Sensitivity Data from Adult Reproduction Studies – Whole-Body 17

Table 4. Comparison of Brown Trout Whole-Body Tissue Selenium Between Sexually Immature (<230 mm) and Sexually Mature (>230) Size Classes 24

Table 5. Dissolved Selenium in Surface Water for Lower Crow Creek Locations 30

Table 6. Brown Trout Whole-Body Selenium Concentrations for Lower Crow Creek Locations 31

Table 7. Bioaccumulation Factors and Surface Water Criteria Derived from Brown Trout Whole-Body Tissue Se Concentrations 32

Table 8. Summary of Proposed Changes to Criteria Elements for the Crow Creek Drainage 37

Figures

Figure 1. Location of the Smoky Canyon Mine 7

Figure 2. Temperature, Cumulative Precipitation, and SWE – Slug Creek Divide SNOTEL 8

Figure 3. Crow Creek Watershed and Monitoring Locations 9

Figure 4. Species Sensitivity Distribution for a Cold Water Fish Community Based on Egg/ovary Selenium Tissue Concentrations 18

Figure 5. Species Sensitivity Distribution for a Cold Water Fish Community Based on Whole-Body Selenium Tissue Concentrations 19

Figure 6. Comparison of Whole-Body Fish Tissue Selenium Concentrations by Age Class 25

Figure 7. Selenium in Brown Trout Tissue and Surface Water at Two Crow Creek Locations Pre- and Post-Treatment 33

Figure 8. Sculpin Whole-Body Selenium Concentrations 2018 to 2025 34

Figure 9. Whole-Body Tissue Concentrations (A) and BAFs (B) vs Dissolved Surface Water Selenium 35

Appendices

Appendix A. Summary of Trout Reproduction Studies

Appendix B. Raw Data

List of Abbreviations

µg/L	Micrograms per liter
AMSL	Above Mean Sea Level
BAF	Bioaccumulation Factor
BURP	Beneficial Use Reconnaissance Program
CEMPP	Comprehensive Environmental Monitoring Program Plan
CF	Conversion Factors
EC10	10% Effect Concentration
EC13	13% Effect Concentration
EC24	24% Effect Concentration
EF	Enrichment Factor
EPA	United States Environmental Protection Agency
HUC	Hydrologic Unit Code
IDAPA	Idaho Administrative Procedure Act
IDEQ	Idaho Department of Environmental Quality
mg/kg dw	Milligrams per kilogram, dry weight
NOEC	No Observed Effect Concentration
NFSC	North Fork Sage Creek
SETAC	Society for Environmental Toxicity and Chemistry
SSD	Species Sensitivity Distribution
SSSC	Site-Specific Selenium Criterion
SWE	Snow-Water Equivalent
WTP	Water Treatment Plant
WY	Water Year
YCT	Yellowstone cutthroat trout

Executive Summary

Idaho's aquatic life criteria for selenium were developed following United States Environmental Protection Agency (EPA) National Water Quality Criteria for Selenium (EPA 2021). Idaho adopted into their administrative rules the national criteria for the state and went one step further and adopted a site-specific selenium criterion (SSSC) for non-sturgeon water bodies of the state (Idaho Administrative Procedures Act [IDAPA] 58.01.02). The premise of the waterbody-specific non-sturgeon water criteria comes from the national criteria which states, "All four elements of the freshwater selenium criterion may be modified to reflect site-specific conditions where the scientific evidence indicates that different values will be protective of aquatic life and provide for the attainment of designated uses" (EPA 2021). This same premise was utilized by Simplot to develop SSSC for two stream reaches in the vicinity of the Smoky Canyon Mine (Formation 2017): Crow Creek downstream of its confluence with Sage Creek to the Wyoming Border, and Sage Creek, Hoopes Spring, and South Fork Sage Creek. These SSSC were approved by EPA in 2019.

As currently adopted in Idaho administrative rules at IDAPA 58.01.02, several different selenium aquatic life criteria currently apply within Crow Creek as shown in Table ES-1 below:

Table ES - 1. Existing Selenium Aquatic Life Criteria Adopted in Crow Creek

Waterbody	Egg/Ovary (mg/kg dw)	Whole-Body (mg/kg dw)	Water (Lotic) (µg/L)
Upper Crow Creek & Deer Creek[1]	19.0	9.5	3.1
Sage Creek[2]	20.5	13.6	16.7
Lower Crow Creek[3]	20.5	12.5	4.2

Different tissue-based criteria are utilized in these Crow Creek stream reaches despite the brown trout (*Salmo trutta*) being the most sensitive species present in the drainage. Site-specific adult reproduction studies for brown trout and Yellowstone cutthroat trout (*Oncorhynchus clarkii bouvieri*), extensive review of existing literature, and continued fish population monitoring efforts confirm that throughout the larger Crow Creek drainage, brown trout is the most selenium-sensitive fish species present in Crow Creek and its tributaries.

The proposal provided herein seeks to unify the tissue-based criteria utilized for upper and lower Crow Creek and Deer Creek to a brown trout-based criteria and adjust the water quality criteria elements where new data indicate that a change is warranted. The site-specific criteria elements for the North Fork Sage Creek are presented in a separate proposal. Table ES-2 defines the proposed changes for the different segments of Crow Creek and Deer Creek.

[1]Tissue criteria are derived from the non-sturgeon water EC10s developed as part of Idaho's statewide SSSC.
[2] Tissue criteria are from site-specific adult reproduction studies using brown trout.
[3] Egg/ovary criterion is based on brown trout while the whole-body tissue criterion is based on Rainbow Trout.

Table ES - 2. Proposed Criterion Elements for Two Segments of Crow Creek and Deer Creek

	Chronic[1]			***Short-Term***
Waterbody	***Fish Tissue (mg/kg dw)***		***Water Column (µg/L)***	***Water Column (µg/L)***
	Egg/Ovary	*Whole-Body*	*Water Lotic*	*Water*
Lower Crow Creek – downstream of Sage Creek	*20.5[1]*	*13.6[2]*	*8.8[3]*	*Intermittent Exposure Equation[4,5]*
Upper Crow Creek and Deer Creek upstream of Crow Creek	*20.5[1]*	*13.6[2]*	*3.1[3]*	*Intermittent Exposure Equation[4,5]*
mg/kg dw – milligrams per kilogram dry weight, µg/L – micrograms per liter				

Table Notes:

1. *Egg/ovary supersedes any whole-body or water column element when fish egg/ovary concentrations are measured. Single measurement of an average or composite sample of eggs/ovaries from at least five (5) individuals of the same species. Not to be exceeded; DEQ will evaluate all representative egg-ovary data to determine compliance with this criterion element.*

2. *Fish tissue supersedes the water column element when both fish tissue (whole-body) and water concentrations are measured. Fish tissue elements are expressed as a single arithmetic average of tissue concentrations from at least five (5) individuals of the same species where the smallest individual is no less than seventy-five percent (75%) of the total length (size) of the largest individual. Not to be exceeded; DEQ will evaluate all representative egg-ovary data or whole-body data to determine compliance with this criterion element.*

3. *Water column values are derived using the empirical bioaccumulation factor (BAF) method. Water column values are the applicable criterion element in the absence of steady-state condition fish tissue data. In fishless waters, selenium concentrations in fish from the nearest downstream waters may be used to assess compliance.*

4. *The 30-day average can be based on a single or multiple days of monitoring within a 30-day period. The geometric mean is used as the average.*

5. *Intermittent Exposure Equation* = $\frac{WQC_{30\ day} - C_{bkgrnd}\ (1-f_{int})}{f_{int}}$

   where WQC $_{30\text{-}day}$ is the water column monthly element, for either lentic or lotic waters; C_{bkgrnd} is the average background selenium concentration, and f_{int} is the fraction of any 30-day period during which elevated selenium concentrations occur, with f_{int} assigned a value ≥ 0.033 (corresponding to one day).

1 Introduction

The Simplot Company (Simplot) is proposing a change to the existing fish tissue-based criteria for Crow Creek and Deer Creek, where two separate egg/ovary and whole-body criteria (IDAPA 58.01.02.287) are currently in effect, to use uniform tissue criteria. This proposal will provide the rationale for why uniform egg/ovary and whole-body tissue criteria should be applied throughout the Crow Creek drainage, and why applicable surface water criterion elements based on those criteria should be standardized. Briefly, rationale for changing the tissue criterion elements is based on the species present, the sensitivity to selenium for the species present, and the need to provide clear and uniform tissue thresholds for the drainage, in which an inconsistent set of thresholds are currently in effect. In addition to the proposed change to the fish tissue criteria elements, this proposal seeks to change the water criterion element for lower Crow Creek.

The proposed changes would apply only to the mainstem Crow Creek upstream and downstream of Sage Creek and the Deer Creek tributary. This document does not propose making any changes to the criteria currently in effect for Hoopes Spring, Sage Creek, and South Fork Sage Creek. A separate site-specific selenium criteria (SSSC) proposal for North Fork Sage Creek (NFSC) has been submitted under separate cover. The SSSC proposal for NFSC is based on site-specific data collected from September 2020 to May 2025 to derive a SSSC water column element that is derived from site-specific data for tissue thresholds for egg/ovary and whole-body concentrations in brown trout (*Salmo trutta*).

The inconsistent use of varying egg/ovary and whole-body tissue thresholds to different segments of Crow Creek results in inconsistent regulations across the drainage. As currently implemented, some of the tissue criteria in effect do not represent the species present and neglect the fact that brown trout is the most sensitive species to selenium exposure found in the drainage. Because the tissue criteria form the basis from which the water element criteria are derived, the practical approach in connected waterbodies with similar species present is to use the same tissue thresholds, particularly those that have been developed based on site-specific studies from within the drainage. Standardization of the tissue thresholds would provide a more consistent and technically defensible application of the selenium effects data that have been collected in the drainage for many years.

2 Tissue and Water Criteria Currently Adopted for the Crow Creek Drainage

Site-specific selenium criteria were adopted and approved in Idaho for Sage Creek, Hoopes Spring, South Fork Sage Creek, and lower Crow Creek (from the confluence with Sage Creek to the Idaho-Wyoming border) (IDAPA 58.01.02.287; Environmental Protection Agency [EPA] 2019). These criteria were based on site-specific studies which identified brown trout as the most sensitive species in the streams evaluated.

2.1 Sage Creek, Hoopes Spring, and South Fork Sage Creek

In Sage Creek, Hoopes Spring, and South Fork Sage Creek, the site-specific egg/ovary value adopted is 20.5 milligrams per kilogram, dry weight (mg/kg dw), while the whole-body value is 13.6 mg/kg dw. The associated water column criterion is equal to 16.7 micrograms per liter (µg/L). These criteria elements were derived from site-specific data collected from 2006 to 2011. Adult reproduction studies using wild fish from these streams and upper and lower Crow Creek were used to derive the egg/ovary criterion element and whole-body tissue element (Appendix A). An empirical bioaccumulation factor (BAF) approach described in Appendix K of the United States Environmental Protection Agency's (EPA) Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater (EPA 2016; 2021) was used to derive the water criterion element.

2.2 Crow Creek Downstream of Sage Creek

For Crow Creek, downstream of Sage Creek to the Wyoming State Line, the same brown trout egg/ovary criterion (20.5 mg/kg) was adopted. However, the whole-body threshold for brown trout was not adopted, rather a whole-body threshold from rainbow trout (12.5 mg/kg dw) was adopted for this segment of Crow Creek because it was deemed, at the time, to be the more sensitive whole-body threshold. The water criterion element derived for lower Crow Creek (4.2 µg/L) was, however, based on the brown trout egg/ovary criterion and site-specific BAF data.

EPA (2016; 2021) evaluates species sensitivity based on individual tissue types, even though selenium effects are manifested in larval fish from eggs of the maternal parent's exposure. EPA (2016; 2021) indicates that "The most well-documented, overt and severe toxic symptoms in fish are reproductive teratogenesis and larval mortality" and "Egg-laying vertebrates appear to be the most sensitive taxa, with toxicity resulting from maternal transfer to eggs". That is, selenium effects are manifested through the egg/ovary tissue not other tissues such as whole-body or muscle. Other tissues such as whole-body or muscle are converted from the egg/ovary tissue effects thresholds using conversion factors (CFs) based on ratios of egg/ovary to whole-body or muscle, or through linear-regression techniques that statistically relate egg/ovary concentrations to whole-body or muscle tissues. These independent strategies for tissue criteria can lead to assigning an egg/ovary tissue threshold based on one species and a whole-body or muscle tissue threshold based on another species as is the case in Lower Crow Creek.

Recent reanalysis of the *Oncorhynchus* genus and rainbow trout species conversion factors (CFs) indicate that the value used to convert egg/ovary data to whole-body is flawed and is lower than the current value used (CF = 1.96 from USEPA 2021). In fact, a proposal is currently being considered by Idaho Department of Environmental Quality (IDEQ) to alter the rainbow trout whole-body tissue threshold used in the Blackfoot River based on a revised CF (from 1.96 previously used to 1.43) which would change the whole-body tissue concentrations currently in effect for the Blackfoot River. Assuming the same CFs are applicable in Crow Creek for the rainbow trout egg/ovary to whole-body tissue criteria, the new whole-body tissue criterion element would be about 17.1 mg/kg dw which is greater than the brown trout value of 13.6 mg/kg dw. The contradiction is apparent, thus the proposal to utilize consistent tissue criterion elements for the drainage using the most sensitive species for reproductive effects is being proposed herein.

2.3 Crow Creek upstream of Sage Creek

Upstream of Sage Creek, the currently applicable water quality criteria for Crow Creek are based on the Idaho non-sturgeon water tissue thresholds. The thresholds (egg/ovary = 19.0 mg/kg dw, whole-body = 9.5 mg/kg dw, and lotic water = 3.1 µg/L) represent data from a number of species but are driven by data collected for multiple species that are not present in the drainage (IDEQ 2017). These include fish from the genera *Esox* (pike) and *Lepomis* (sunfish). *Lepomis* was the most sensitive genera in the dataset used to calculate the egg/ovary and whole-body criterion. *Esox* and *Lepomis* are not present in Crow Creek. Implementation of the brown trout tissue criteria would complete the unified and consistent application of the most sensitive species tissue criteria within the drainage.

The non-Sturgeon criteria "*does not include site-specific water column criterion elements because [IDEQ does] not have the necessary site-specific bioaccumulation information to calculate them using the empirical BAF approach*" and "*The data are too few and variable to adequately describe the mean lotic BAF within the Site*" (IDEQ 2017). Due to the lack of adequate data to derive the water criterion elements set out in the statewide rule (footnote *r* in IDAPA 58.01.02.210.01) for the water bodies identified in this SSC for non-sturgeon waters, the lotic water criterion is the default value of 3.1 µg/L (IDEQ 2017).

3 Setting, Study Area, and Scope of Applicability

3.1 Setting

The Smoky Canyon Mine extracts phosphate ore from the Phosphoria Formation in a series of open pits referred to as mine panels. Phosphate ore is milled on site and then a slurry of phosphate ore is pumped to the Don Plan in Pocatello, Idaho. Weathering overburden waste shales containing selenium provides the release mechanisms for selenium to surface water and groundwater.

The mine is in Caribou County, Idaho, within the Southeastern Idaho Phosphate Mining District, approximately 10 miles west of Afton, Wyoming and 23 miles east of Soda Springs, Idaho (Figure 1). Situated on the eastern edge of the Webster Range overlooking Sage Valley to the east, the mine elevations range from 6,500 feet to 8,300 feet above mean sea level (AMSL).

The closest main population center to the mine is the Star Valley community, which includes the town of Afton, Wyoming, approximately ten miles directly east of the mine. The town of Afton has a population of approximately 2,280 (https://worldpopulationreview.com/us-cities/wyoming/afton). This region has a cool and dry climate, with typical prevailing winds and weather patterns moving from west to east. Meteorological data from the Slug Creek Divide SNOTEL station provides the basis for tracking temperature, precipitation, and snowpack at the site (Figure 2). Annual precipitation is typically in the range of 20 to 50 inches per year. The most abundant precipitation occurs in the spring and early summer months. The peak snowpack, measured as Snow-Water Equivalent (SWE) has ranged from 7.8 inches (Water Year [WY] 1992) to 32.1 inches (WY 1982) since WY 1981, and snow cover typically remains on the ground from November to April or May. Summer temperatures in the region normally range from 44 to 82 degrees Fahrenheit, while winter temperatures typically range from 4 to 28 degrees Fahrenheit (Mariah Associates 1980). The Smoky Canyon Ecological Risk Assessment provides a detailed description of the wildlife and plant species found in the area (Formation 2015).

Crow Creek originates on the east side of Meade Peak and flows east before turning north to north-east for the remainder of its distance. Along its path it is joined by many perennial and intermittent streams, including, from south to north: Beaver Dam Creek, Sand Wash, Clear Creek, White Dugaway Creek, Stuart Creek, Wells Canyon Creek, Warm Creek and Books Creek, Deer Creek, Manning Creek, Sage Creek, Rock Creek, and Hardmans hollow. Crow Creek flows across the Idaho-Wyoming border northeast to where it confluences with the Salt River near Afton, WY (Figure 3).

3.2 Geographic Scope of Applicability

The site-specific criterion is to be derived to provide adequate protection for the entire site however the site is defined (EPA 1994). In the general context of site-specific criteria, a "site" may be a state, region, watershed, waterbody, or segment of a waterbody; thus, the geographic scope of the "site" must be defined. For this effort, the Site or geographic scope of applicability includes Crow Creek and Deer Creek (Figure 3).

The water bodies considered in the proposal are found within the Salt Subbasin, Hydrologic Unit Code (HUC) 17040105 of the Upper Snake River Basin including US-8 (Crow Creek, source to mouth) and US-10 (Deer Creek, source to mouth). IDEQ's Integrated Report (IDEQ 2024) identifies Crow Creek – Deer Creek to border (ID17040105SK008_004) as impaired due to selenium.

Within the Integrated Report, streams are grouped by drainage and hydrologic subunits, and specific stream segments or assessment units that are defined relative to their use attainment status. Crow Creek is classified in the 2024 Integrated report as Category 5[4] and is included on the 303(d)-list indicating it is not meeting the designated beneficial use of cold-water aquatic life.

For the purpose of this proposal, the geographic scope of applicability for the proposed criteria includes two easily identifiable stream reaches:

- Crow Creek downstream of Sage Creek to the Idaho/Wyoming State line
- Crow Creek upstream of Sage Creek to its source, including the tributary Deer Creek

3.3 Monitoring

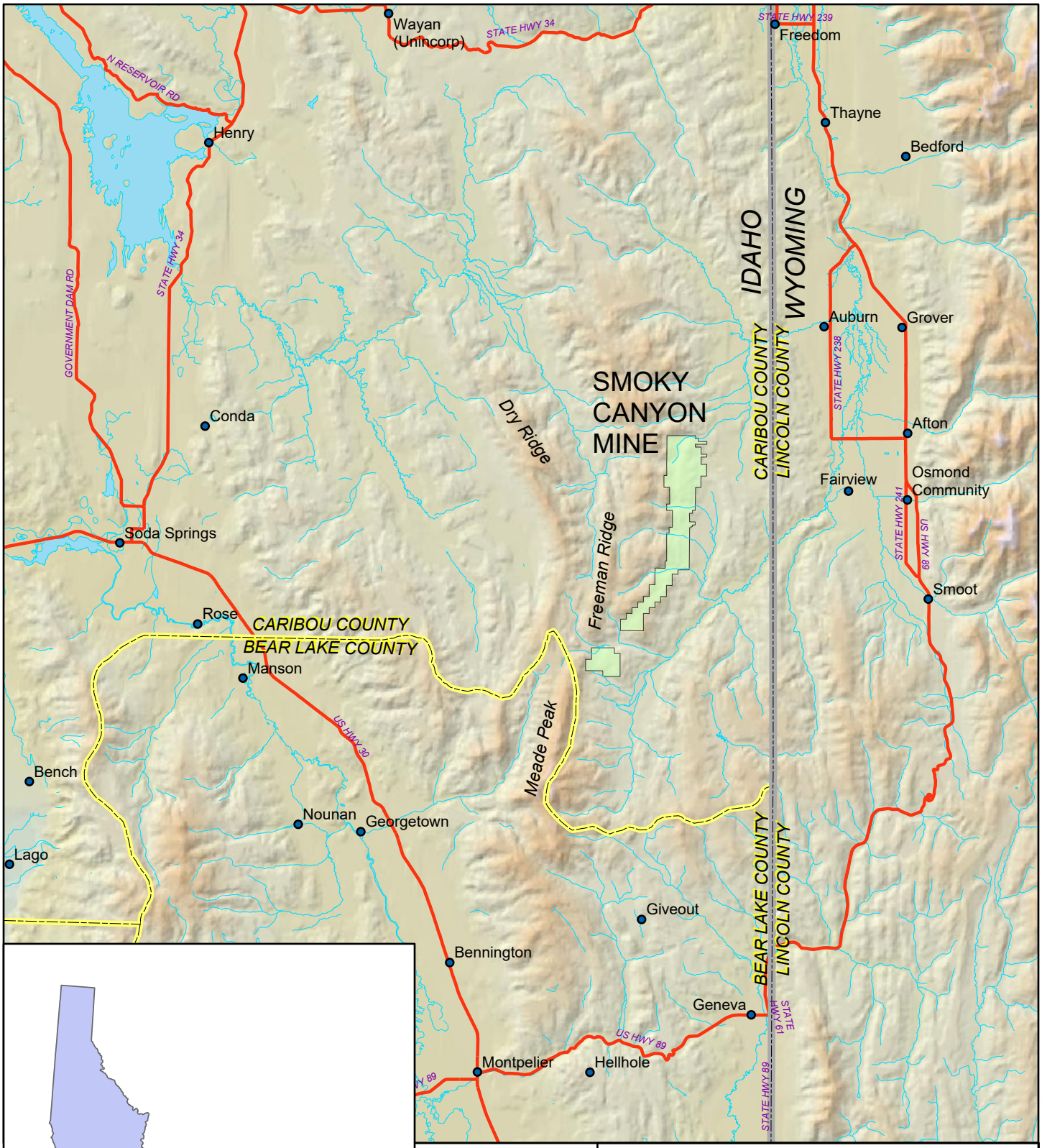
Simplot has monitored selenium in surface water and fish tissue, as well as several other biotic (periphyton, macroinvertebrates) and abiotic (sediment) media, in Crow Creek and its tributaries since 2006. Data used as part of this proposed effort are included in Appendix B of this proposal. Fish populations and habitat are also monitored. Monitoring has been implemented as a combination of several programs including the following:

- Studies for developing site-specific criteria - 2006 to 2008
- Panels F&G mitigation monitoring (begun in 2009 and extending a minimum of 50 years prior to reevaluation), conducted every 3rd and 6th year
- CERCLA monitoring 2009 and 2010
- Simplot Voluntary monitoring (commenced in 2010 and conducted annually at a suite of locations)

[4] Waters do not meet applicable water quality standards for one or more beneficial uses due to one or more pollutants; therefore, an EPA-approved TMDL is needed. Category 5 water bodies make up the § 303(d) list.

Monitoring conducted under these programs has provided a wealth of data for the drainage and specific streams to assess trends as well as current conditions. Required monitoring is described in detail in the Smoky Canyon Mine Comprehensive Environmental Monitoring Program Plan (CEMPP; Simplot 2023). Voluntary monitoring has followed the protocols initially laid out for the site-specific studies that were reviewed by a multi-agency group that collaborated on their development.

In addition to the extensive monitoring conducted by Simplot, IDEQ's Beneficial Use Reconnaissance Program (BURP) has monitored locations sporadically throughout the watershed dating back to 1996 to assess beneficial designated use attainment. Reports for these assessments can be viewed on Idaho's Integrated Report Interactive map found at https://mapcase.deq.idaho.gov/wq2024.



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SMOKY CANYON MINE
NFSC/PCC REPORT

FIGURE 1

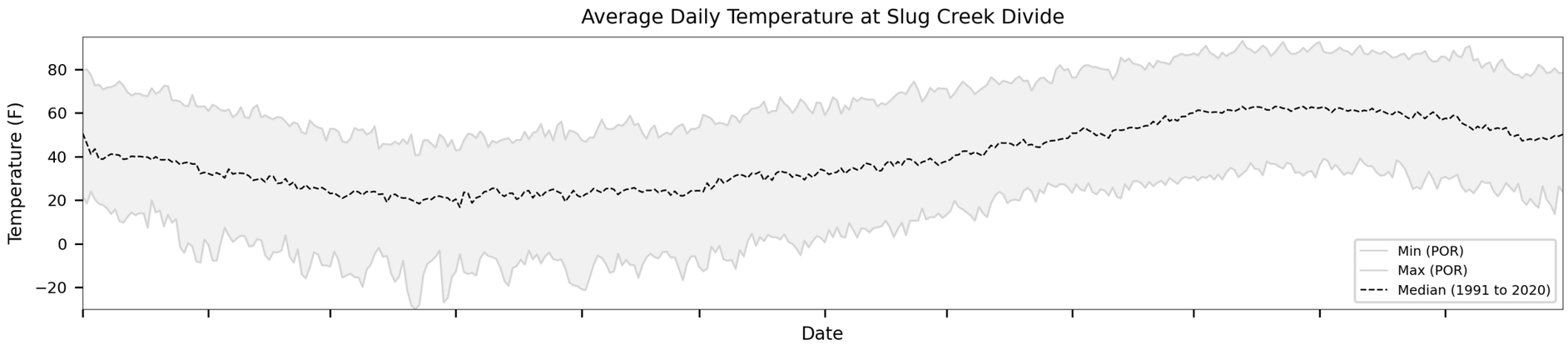
LOCATION OF THE SMOKY CANYON MINE

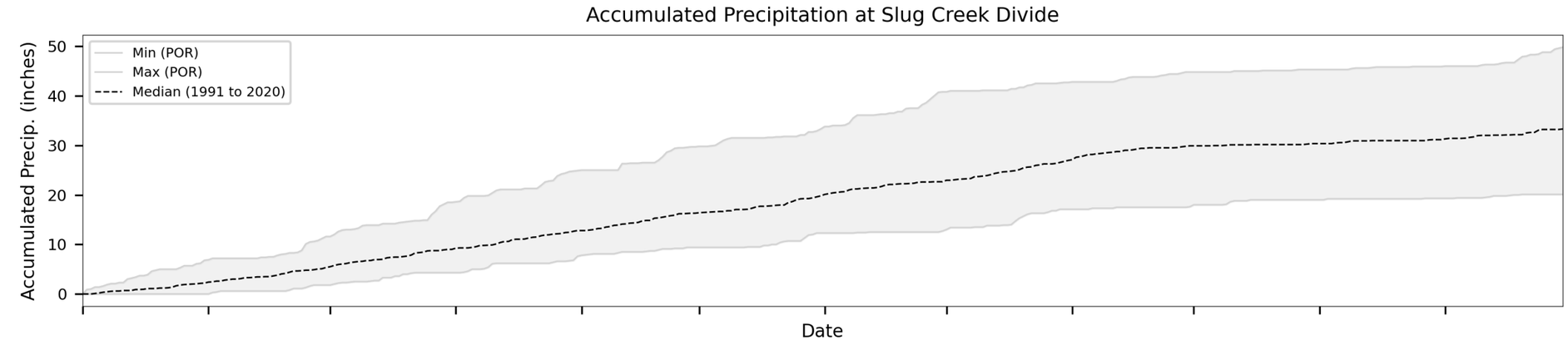
DATE: JANUARY 2026
By: WSB

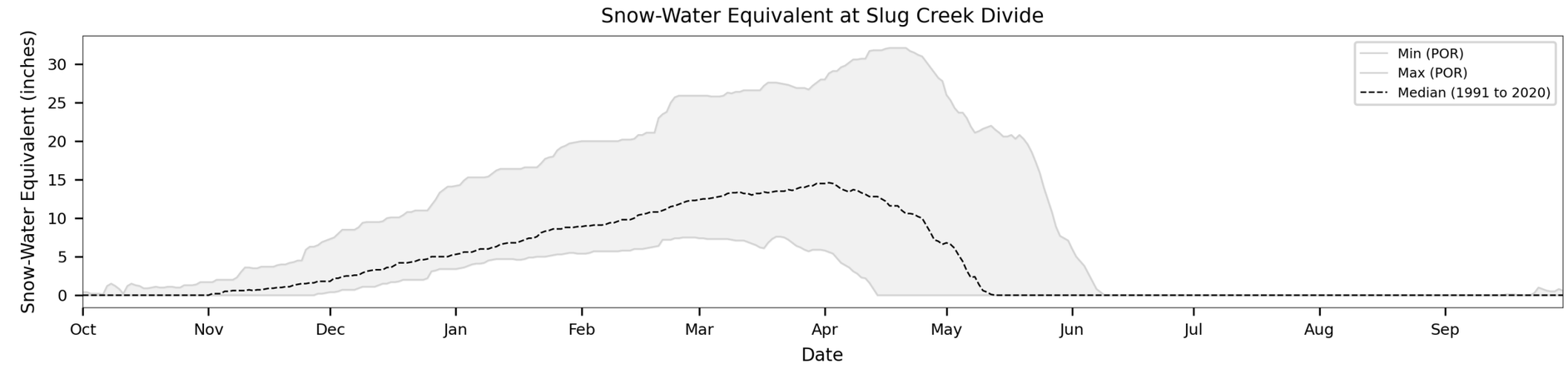
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Notes:

1. Precipitation, SWE, and Temperature data from Slug Creek Divide Snowpack Telemetry (SNOTEL) station.
2. Minimum and Maximum data determined from station Period of Record.
3. 30-year Median data determined from 1991 to 2020.
4. POR = Period of Record
5. SWE = Snow-Water Equivalent
6. WY = Water Year

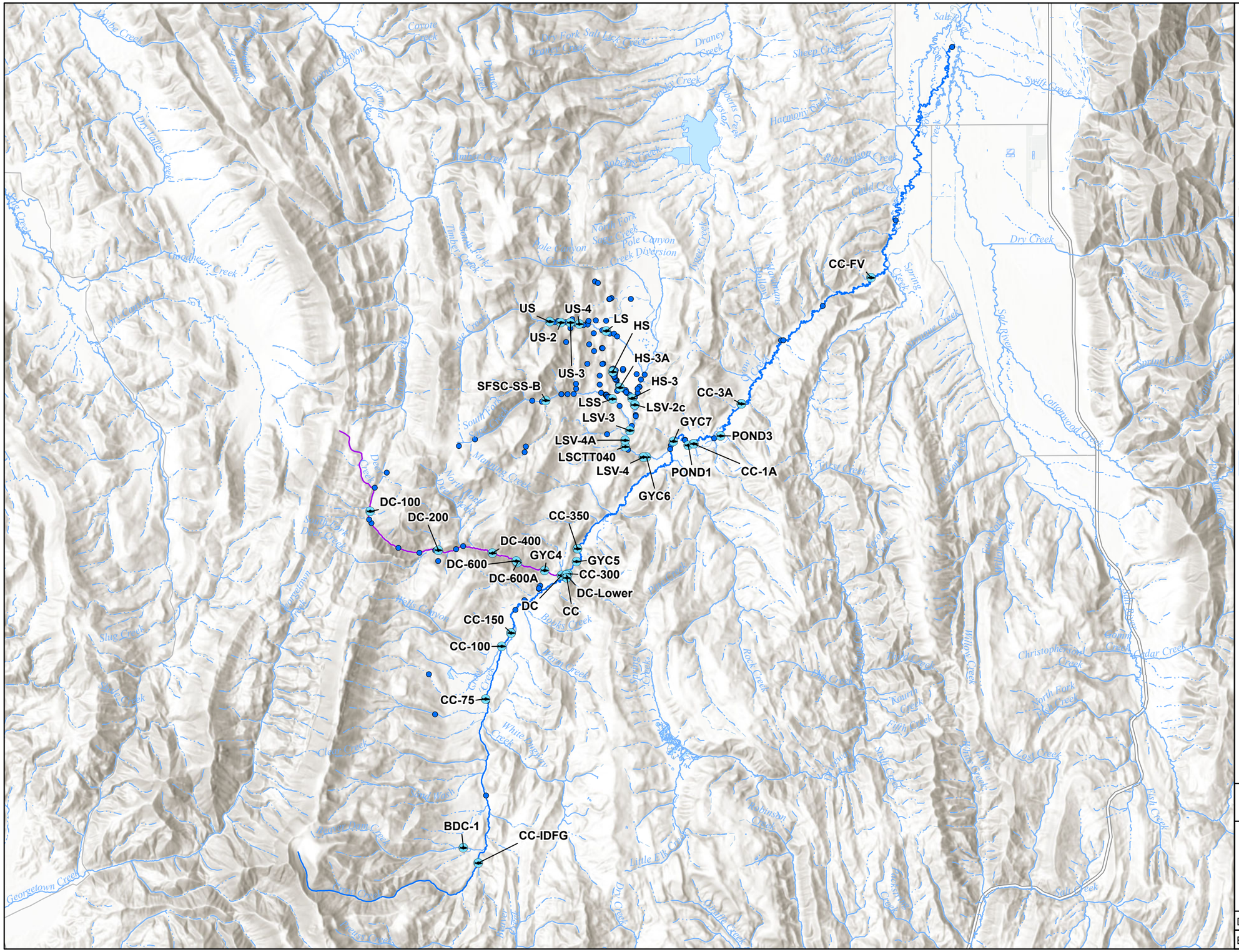
Simplot Company
SMOKY CANYON MINE

FIGURE 2

TEMPERATURE, CUMULATIVE PRECIPITATION, AND SWE - SLUG CREEK DIVIDE SNOTEL

DATE: MAY 2025
BY: WSB
FOR: SMC
FORMATION

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SMOKY CANYON MINE

FIGURE 3

CROW CREEK WATERSHED AND MONITORING LOCATIONS

DATE: DEC 30, 2025

By: WSB | For: SMC

FORMATION

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4 Site-Specific Selenium Criteria Elements

EPA (2016; 2021) recommends that states adopt four criteria elements applicable to all waterbodies for selenium, including an egg/ovary tissue element, a whole-body or muscle tissue element, and a water element (chronic and short-term criteria). As discussed in Section 2, there are three separate lotic water, egg/ovary and whole-body tissue criteria applied within the Crow Creek drainage. The standardization of the tissue criteria used throughout Crow Creek will allow for better consistency, providing a single egg/ovary and whole-body tissue criteria from which the water criteria elements can be derived.

4.1 Tissue Elements

Because of the site-specificity and sensitivity of the brown trout tissue criterion elements, they are the most directly applicable thresholds for use in Crow Creek and should form the basis for any water criterion element derived from the tissue criteria. In the subsections that follow, information is provided on the rationale for changing the tissue criteria, species assemblage present, species selenium sensitivity data for multiple species, protectiveness, and applicability of the proposed tissue criteria.

4.1.1 Rationale for Tissue Criteria Elements Change

The standardization of the tissue thresholds used throughout the Crow Creek drainage is well supported given the available site-specific data collected from the drainage over the past two decades. Standardization would eliminate reliance on thresholds for species that are not present in the drainage and would focus the regulation of selenium through SSSC on species that are present throughout the drainage. Species presence data is supported by over two decades of ongoing monitoring at numerous locations throughout the watershed. The primary rationale for changing the currently applied tissue criteria elements is as follows:

- The species assemblage for Crow Creek is more diverse than that found in Sage Creek or within the other tributaries that have been sampled, however, brown trout are found throughout and are consistently the most sensitive species present.
- The thresholds developed for brown trout egg and whole-body tissues have been approved by EPA and integrated into Idaho state standards for Hoopes Spring and Sage Creek.
- The brown trout tissue threshold developed using trout from the local area and site-specific exposures are directly applicable to the Crow Creek drainage.
- The non-sturgeon water criterion tissue elements are not specific to Crow Creek or its tributaries.
- A tissue criterion based on brown trout data provides a consistent basis of tissue thresholds from which the water criterion elements throughout the drainage can be derived.

Because of the specificity and sensitivity of the brown trout tissue criterion elements, they are the most directly applicable thresholds for use in deriving surface water SSSC in Crow Creek and its tributaries.

4.1.2 Species Assemblage Present

Sampling conducted within Crow Creek and Deer Creek indicates that the species assemblages throughout the watershed are similar. This includes both Crow Creek, Sage Creek, and the tributaries to both. The fish species present at each monitoring location are shown in Table 1.

Brown trout, Yellowstone cutthroat trout (YCT), and Paiute sculpin (*Cottus beldingi*) are present at all the monitoring locations throughout the drainage. The sole exception is the upstream reaches of Deer Creek, where only a single brown trout was captured at DC-600 in 2017 and no brown trout have been captured upstream of that monitoring location. Brook trout (*Salvelinus fontinalis*) and mountain whitefish (MWF; *Prosopium williamsoni*) are consistently captured in the downstream portions of the drainage, both in Sage Creek and Crow Creek. Eight additional species have been captured throughout the drainage. The presence of sensitive brown trout throughout the Crow Creek drainage indicates that using the brown trout tissue thresholds can be protective of the species present in the drainage. These fish assemblage data represent the most currently available data for the Crow Creek watershed upstream and downstream of Sage Creek. Species data collected under annual scientific collecting permits from Idaho Department of Fish and Game (IDFG) are reported annually via data transmittal to IDFG.

Table 1
Fish Species Present During Monitoring from 2006 to 2025

Family/Common Name (Species)	Upper Crow Creek			Deer Creek		Lower Crow Creek		
	CC-75	CC-150	CC-350	DC-600[1]	DC-100	CC-1A	CC-3A	CC-FV
Salmonidae								
Brown Trout *(Salmo trutta)*	√	√	√	√		√	√	√
Yellowstone Cutthroat Trout (*Oncorhynchus clarki bouvieri*)	√	√	√	√	√	√	√	√
Brook Trout (*Salvelinus fontinalis*)						√	√	√
Mountain Whitefish *(Prosopium williamsoni)*		√	√			√	√	√
Cuttbow hybrid trout *(Oncorhynchus clarki bouvieri x Oncorhynchus mykiss)*						√		
Cottidae								
Paiute Sculpin *(Cottus beldingi)*	√	√	√	√		√	√	√
Mottled Sculpin *(Cottus bairdi)*	√	√	√			√	√	√
Cyprinidae								
Longnose Dace *(Rhinichthys cataractae)*		√	√			√	√	√
Speckled Dace (*Rhinichthys osculus*)		√	√			√	√	√
Redside Shiner *(Richardsonius balteatus)*		√	√			√	√	√
Northern Leatherside Chub *(Lepdomeda copei)*			√					
Catostomidae								
Utah Sucker *(Catostomus ardens)*		√	√			√	√	√
Mountain Sucker *(Catostomus platyrhynchus)*			√			√		
# of Species	**4**	**9**	**11**	**3**	**1**	**12**	**10**	**10**

Notes:

[1]Only a single brown trout has been observed in Deer Creek. This occurred at DC-600 in 2017.

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4.1.3 Species Sensitivity

The prevailing scientific evidence supports the current thinking that effects to developing fish are among the most sensitive aquatic biological indicators of excessive selenium exposure (EPA 2004; Lemly 1996; Ogle and Knight 1996; Skorupa et al. 1996; Janz et al. 2010). EPA (2021) reviewed most of these studies in detail. Appendix A includes additional information about the field and laboratory brown trout and YCT site-specific studies conducted to characterize exposure environments and obtain selenium-toxicity response data that were used to derive the SSSC for Hoopes Spring, Sage Creek, and South Fork Sage Creek, because of their relevance to this SSSC proposal. Relevant effect thresholds determined for tissues and endpoints are provided in the discussion that follows (Table 2 and Table 3) together with studies not included within EPA (2021).

4.1.3.1 Egg/Ovary

Besser et al. (2025) evaluated the response of *C. dilutus* and *H. azteca* to selenium via dietary exposure using endpoints of survival, growth and biomass. Species mean chronic values converted to equivalent whole-body fish tissue concentrations were 18 mg/kg for *H. azteca* and 68 mg/kg for *C. dilutes* ranking 6th and 12th in the distribution of whole-body genera used to derive the whole-body tissue criterion for selenium. The four whole-body fish tissue thresholds used to generate the criterion are lower than the lowest of these two invertebrate species. These data indicate that the fish tissue threshold is protective of invertebrates further supporting the evidence that effects to developing fish are among the most sensitive aquatic biological indicators of excessive selenium exposure.

In the genus *Oncorhynchus*, no observed effect concentrations (NOECs) and 10% Effect Concentrations (EC10) range from >16.04 to 35.1 mg/kg dw (Table 2). Among the larger salmonid order, excluding Oncorhynchus data, NOECs and EC_{10}s in egg tissues range from 20.5 to 56.2 mg/kg dw. YCT data from Hardy (2005; 2010) provided an unbounded NOEC of >16.04 mg/kg dw. The EC_{10} for brown trout range is either 20.5 mg/kg dw (Covington et al., 2018) or 21 mg/kg dw (EPA, 2016; 2021). The rainbow trout EC_{10} was 24.5 mg/kg dw (Holm, 2002; Holm et al., 2003; Holm et al., 2005) while the Westslope cutthroat trout responses ranged from a NOEC of >21 mg/kg dw to an EC_{10} of 27.7 mg/kg dw (Kennedy et al., 2000; Rudolph et al., 2008; Elphick et al., 2009; and Nautilus, 2011). Covington et al. (2025) found an egg/ovary EC_{10} for larval survival of YCT equal to 35.1 mg/kg dw and 35.2 mg/kg dw for abnormalities confirming EPA's (2021) review of these data indicating effects for deformities were greater than 30 mg/kg dw.

Data for brook trout yielded an unbounded NOEC for larval abnormalities of >48.7 mg/kg dw (Holm et al., 2005), while the combined survival datasets of Holm et al., (2005) and Pilgrim (2009) yielded an EC_{10} for brook trout survival of 32 mg/kg dw. At the upper end of the salmonid effects ranges, Mountain whitefish and Dolly Varden char had EC_{10}s of >54 and 56.2 mg/kg dw, respectively. Of the Salmonids found in the Crow Creek drainage for which reproductive toxicity thresholds are available, brown trout is the most sensitive species, well below the threshold defined for YCT.

Other cold-water species, including white sucker and northern pike have species effects thresholds (13% Effect Concentration [EC_{13}] to 24% Effect Concentration [EC_{24}]) at the upper end of the sensitivity distribution ranging from 34 to 40.3 mg/kg dw egg selenium (Table 2).

Golder and Nautilus Environmental examined the effects of dietary selenium on the reproductive capabilities of slimy sculpin (*Cottus cognatus*) (Lo et al. 2014) and found a NOEC egg tissue concentration of 22.0 mg/kg dw selenium, indicating that the effect threshold was greater than 22 mg/kg dw. Among the minnow species, two studies were found evaluating reproductive toxicity including one for desert pupfish and the other for redside shiners. The desert pupfish study conducted by Besser et al. (2012) yielded a larval survival EC_{10} of 27 mg/kg dw egg selenium. Although desert pupfish are not a cold-water species, the study provides representative reproductive toxicity data for the Cyprinid family. De Bruyn et al. (2023) found no effects to survival, growth or abnormalities in redside shiners up to 28 mg/kg egg selenium yielding an unbounded NOEC of >28 mg/kg.

Figure 4 organizes a smaller subset of these data into a species sensitivity distribution (SSD) to illustrate the range of species sensitivities for a representative cold water fish community comprised of secondary and tertiary consumers. Species sensitivity distributions model the variation in the sensitivity of different species to a stressor by relating them to the proportion of species expected to be affected at prescribed concentrations (Neter et al 1990; Posthuma et al. 2002, and EPA 2005). This representative assemblage of fish species and families allows for a visualization of selenium sensitivity across a wide range of fish taxa. Brown trout is the most sensitive species based on its egg EC_{10} threshold. It represents a significantly lower proportion of species potentially affected indicating the brown trout EC_{10} is sufficiently low to be protective of other less sensitive species.

4.1.3.2 Whole-body

Despite the inherent cause and effect relationship of egg/ovary selenium concentrations and manifestation of effects in young fish, the current guidance derives effects for different tissues independently, as such this subsection examines the sensitivity of species based on whole-body selenium concentrations. The egg/ovary effects thresholds shown in Table 2 and Figure 4 were converted to whole-body tissue equivalents in Table 3 and the whole-body tissue SSD for a representative species assemblage is shown in Figure 5. As noted in Table 3, the CF for brown trout is shown as geometric mean, which is based on the information presented in the 2017 proposal adopted by IDEQ and approved by EPA. Two defensible whole-body concentrations for brown trout were available. EPA (2021) identified a brown trout whole-body no observed effect concentration (NOEC) of 13.2 mg/kg dw, which was the single highest value of the many paired egg/ovary and whole-body tissue concentrations where there were no observed effects in survival based on egg selenium concentrations. In the 2017 SSSC proposal, the conversion factor (CF) derived was 1.46 using all of the site-specific data available for brown trout which yielded a whole-body equivalent concentration of 14.0 mg/kg. A geometric mean of 13.2 and 14.0 mg/kg dw is 13.6 mg/kg dw. The adopted and approved site-specific whole-body tissue criterion for brown trout is 13.6 mg/kg. The ratio of these adopted and approved criteria (e.g., egg/ovary to whole-body tissue selenium) results in a CF of 1.51.

Covington et al. (2025) developed a Yellowstone cutthroat trout threshold using data collected from the same drainage where the brown trout studies were conducted. The egg/ovary to whole-body conversion factor (CF) examined a regression-based approach and simple ratio approach that included and excluded the hatchery fish CFs used in that study. The CFs derived from hatchery fish were significantly different than those from wild collected fish. Simplot reassessed the brown trout data and derived the median ratio

from the original site-specific data set, excluding the hatchery fish and derived at CF of 1.52 which is consistent with the site-specific egg/ovary threshold divided by the whole-body threshold (e.g., 20.5/ 13.6 = 1.51). Using the empirically derived CF (1.52) applied to EPA's brown trout egg/ovary criteria of 21.0 mg/kg dw, results in a whole-body tissue concentration of 13.8 mg/kg. The original value proposed, adopted, and approved (e.g., 13.6 mg/kg dw) is a conservative and biologically relevant threshold based on the site-specific data and the corresponding CF (e.g., 1.51) is applicable and conservative.

For most species shown, egg/ovary to whole-body CFs were obtained directly from EPA (2021). Egg to whole-body CFs for *Oncorhynchus* species were different than those used in EPA (2021) based on the current scientific findings that the CFs used for rainbow trout and Westslope cutthroat trout are likely lower than 1.96 (Detering et al. 2025). Further the findings in Covington et al. (2025) and Detering et al. (2025) indicate that the YCT conversion factor is also likely lower than the CF value for *Oncorhynchus.*

The northern pike whole-body threshold is based on an EC_{24} and a corresponding EC_{10} would likely be lower than that observed for brown trout. However, northern pike are not found in these streams nor serve as a surrogate for any species in these streams.

For mountain whitefish, the CF used in EPA (2021) was 7.39 which is based on an egg/ovary to muscle then muscle to whole-body CF. Brix et al. (2025) provides updated assessments and new data for mountain whitefish effects thresholds. For whole-body, Brix et al. (2025) found the following:

> "The USEPA (2016) previously reported a significant relationship between MWF muscle and ovary (not egg) Se based on data collected from Elk Valley. However, the relationship slope is extremely steep (m = 5.8) compared with most other species (typically slope ~1–2). Data from the current study using egg Se rather than ovary Se suggests the apparent relationship in USEPA (2016) is spurious, as we observed no relationship using a larger data set. Our observations are also supported by a more recent analysis of fish tissue ratios that evaluated a larger ovary data set and similarly found no relationship with muscle Se concentrations (Detering et al., 2025). Among species that have a sufficiently large data set with ovary/egg Se concentrations spanning at least a factor of 5, MWF appear to be unique in lacking a relationship between these two tissues."

Because of this lack of relationship, for the purpose of the whole-body SSD figure, the salmonid CF provided in USEPA (2021) was utilized for mountain whitefish. As shown in Figure 5, brown trout is the most sensitive species of the species assembled for this distribution.

Other trout, sculpin, and minnow species found or potentially found in the Crow Creek drainage are less sensitive than brown trout. Based on a most sensitive species approach, a whole-body brown trout tissue threshold is demonstrably protective of other species present and potentially present.

Table 2
Fish Species Sensitivity Data from Adult Reproduction Studies - Egg/Ovary

Species	Scientific Name	Source Study	Adult Exposure	Endpoint	Endpoint Statistic	Selenium (mg/kg dw)	Statistic Derivation Source
Rainbow trout	*Oncorhynchus mykiss*	Holm 2002; Holm et al. 2003; Holm et al. 2005[d]	Field	Larval abnormalities	EC10	24.5	b
Yellowstone cutthroat trout	*Oncorhynchus clarkii bouvieri*	Hardy 2005; Hardy 2010	Lab	Larval abnormalities/ mortality	NOEC	>16.04	b,c
		EPA 2016; 2021	Field	Larval abnormalities	NOEC	>30	b
		Covington et al. 2025	Field	Larval survival	EC10	35.1	a
Westslope Cutthroat trout	*Oncorhynchus lewisi*	Kennedy et al. 2000	Field	Larval abnormalities/ mortality	NOEC	>21	c
		Rudolph et al. 2008	Field	Alevin mortality	EC10	24.7	b
		Nautilus 2011; Elphick et al. 2009	Field	Alevin mortality	EC10	27.7	b
Brown Trout	*Salmo trutta*	Covington et al. 2018	Field	Larval survival	EC10	20.5	a
		USEPA 2016; 2021	Field	Larval survival	EC10	21	b
Brook trout	*Salvelinus fontinalis*	Holm et al. 2005	Field	Larval abnormalities	NOEC	>48.7	b
		Holm et al. 2005 and Pilgrim 2009	Field	Larval survival	EC10	32	e
Dolly Varden char	*Salvelinus malma*	McDonald et al. 2010	Field	Larval abnormalities	EC10	56.2	b
Mountain Whitefish	*Prosopium williamsoni*	Brix et al. 2025	Field	Larval abnormalities	EC10	>54	a
Northern pike	*Esox lucius*	Muscatello et al. 2006	Field	Larval abnormalities	EC24	34	b
White sucker	*Catostomus commersonii*	de Rosemond et al. 2005	Field	Larval abnormalities	EC13	40.3	b
Slimy sculpin	*Cottus cognatus*	Loe et al. 2014	Lab	Larval abnormalities/ mortality	NOEC	>22	a
Redside shiner	*Richardsonius balteatus*	Golder Associates 2020	Field	Larval abnormalities/ mortality	NOEC	>28	a
Desert Pupfish	*Cyprinodon macularius*	Besser et al. 2012	Lab	Lab	EC10	27	b

a Derived as part of the analyses included in this publication

b USEPA (2016, 2021)

c Deforest et al. (2012)

d EC10 values from combined datasets 2000, 2001, and 2002 for skeletal deformities as reported in USEPA (2021)

e Larval survival EC10 derived from the reported survival data in Holm et al. (2005) and Pilgrim (2009).

NOEC - no observed effect concentration

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Table 3
Fish Species Sensitivity Data from Adult Reproduction Studies - Whole-Body

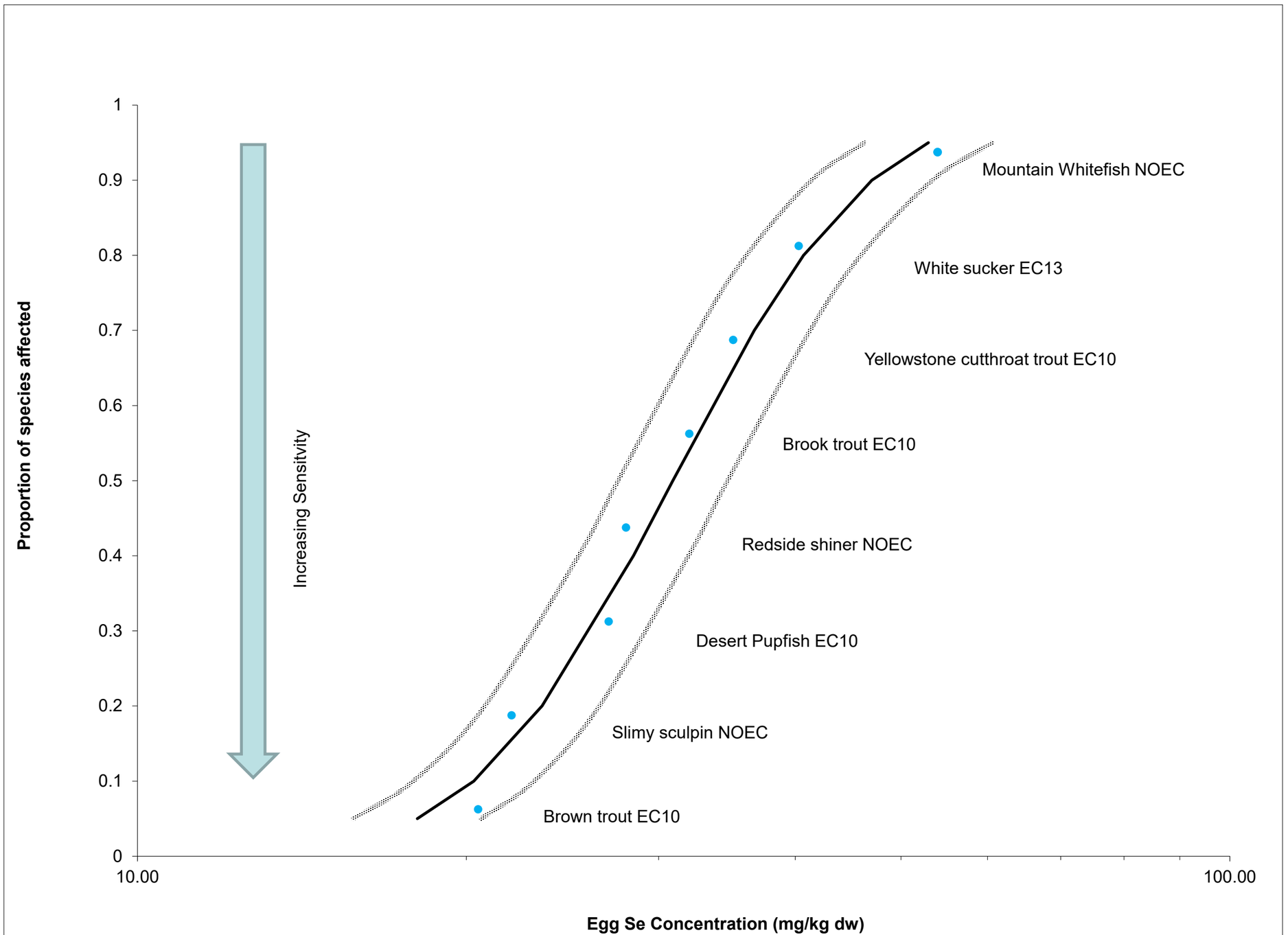
Species	Scientific Name	Source Study	Adult Exposure	Endpoint	Endpoint Statistic	Egg/Ovary Selenium	Whole Body Selenium	Conversion Factor (CF)	CF Source
Rainbow trout	*Oncorhynchus mykiss*	Holm 2002; Holm et al. 2003; Holm et al. 2005	Field	Larval abnormalities	EC10	24.5	17.10	1.43	Proposed Blackfoot
Westslope Cutthroat trout	*Oncorhynchus lewisi*			Geometric mean EC10s	EC10	26.2	18.32	1.43	
		Rudolph et al. 2008	Field	Alevin mortality	EC10	24.7		1.43	
		Nautilus 2011; Elphick et al. 2009	Field	Alevin mortality	EC10	27.7		1.43	
Yellowstone cutthroat trout	*Oncorhynchus clarkii bouvieri*	Covington et al. 2025	Field	Larval survival	EC10	35.1	24.50	1.45	Source study[a]
Brown Trout	*Salmo trutta*	Covington et al. 2018	Field	Larval survival	EC10	20.5	13.60	1.51	Source study[a]
Brook trout	*Salvelinus fontinalis*	Holm et al. 2005	Field	Larval abnormalities	NOEC	>48.7	>35.29	1.38	Brook trout[b]
		Holm et al. 2005 and Pilgrim 2009	Field	Larval survival	EC10	32	23.19	1.38	
Dolly Varden char	*Salvelinus malma*	McDonald et al. 2010	Field	Larval abnormalities	EC10	56.2	34.90	1.61	Dolly Varden[b]
Mountain Whitefish	*Prosopium williamsoni*	Brix et al. 2025	Field	Larval abnormalities	EC10	>54	31.58	1.71	Salmonid[b]
Northern pike	*Esox lucius*	Muscatello et al. 2006	Field	Larval abnormalities	EC24	34	<17.2	2.39	Northern Pike[b]
White sucker	*Catostomus commersonii*	de Rosemond et al. 2005	Field	Larval abnormalities	EC13	40.3	29.20	1.38	White sucker[b]
Slimy sculpin	*Cottus cognatus*	Loe et al. 2014	Lab	Larval abnormalities/ mortality	NOEC	>22	>15.2	1.45	Cottus[b]
Redside shiner	*Richardsonius balteatus*	Golder Associates 2020	Field	Larval abnormalities/ mortality	NOEC	>28	>14.36	1.95	Cypinid[b]
Desert Pupfish	*Cyprinodon macularius*	Besser et al. 2012	Lab	Lab	EC10	27	22.60	1.2	Desert pupfish[b]

a Derived as part of the analyses included in this publication

b USEPA (2016, 2021)

NOEC - no observed effect concentration

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Notes:
1. EC10 = 10% Effect Concentration
2. EC13 = 13% Effect Concentration
3. NOEC = No Observed Effect Concentration
4. mg/kg dw = milligrams per kilogram, dry weight

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FIGURE 4

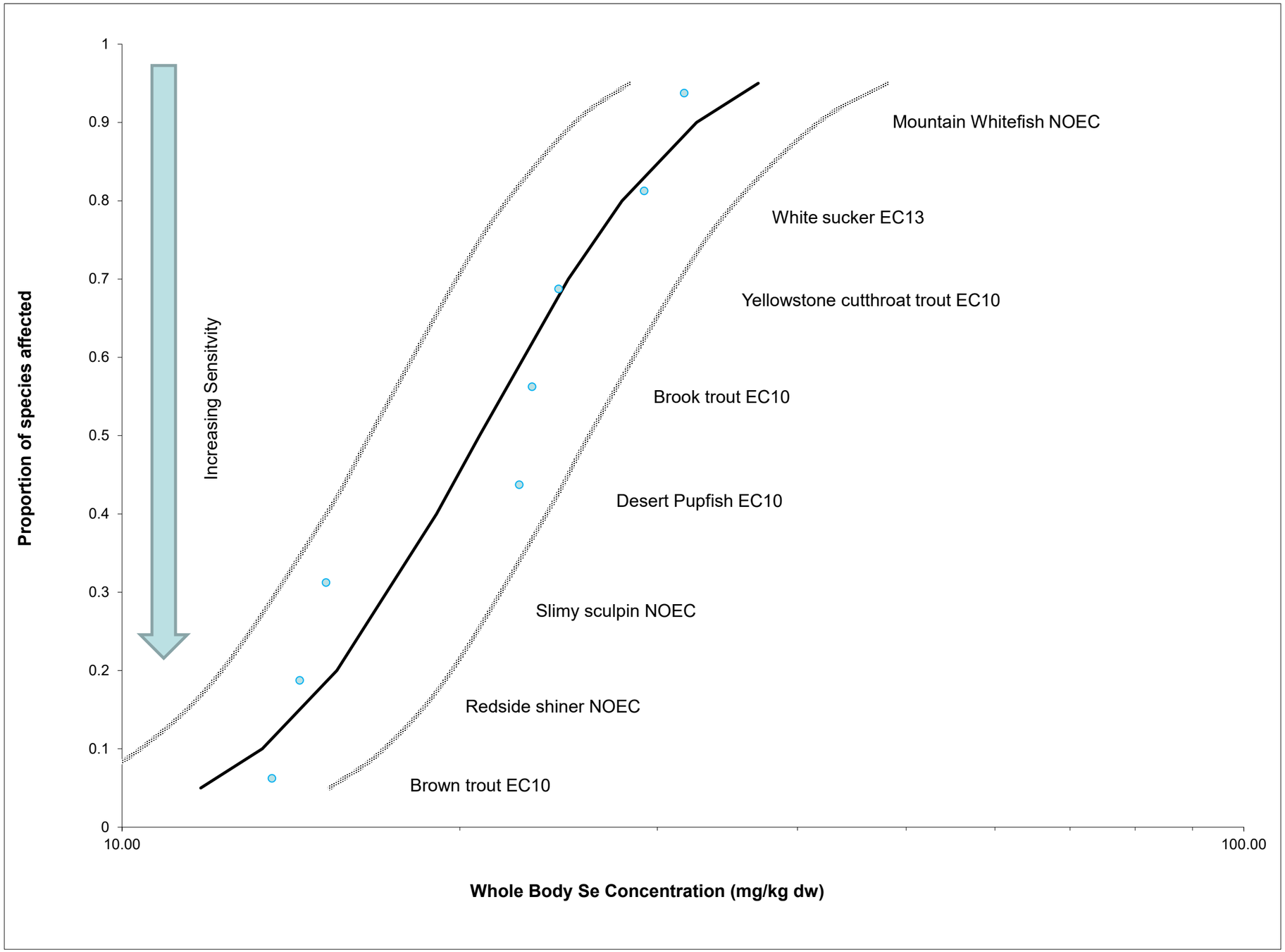
Species Sensitivity Distribution for a Cold Water Fish Community Based on Egg/ovary Selenium Tissue Concentrations

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Notes:
1. EC10 = 10% Effect Concentration
2. EC13 = 13% Effect Concentration
3. NOEC = No Observed Effect Concentration
4. mg/kg dw = milligrams per kilogram, dry weight

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FIGURE 5

Species Sensitivity Distribution for a Cold Water Fish Community Based on Whole Body Selenium Tissue Concentrations

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4.1.4 Applicability

The size of fish monitored for whole-body tissue selenium concentrations to assess potential future compliance with a tissue criterion is important, particularly for trout. If the trout are too large, they may be migratory and move considerable distances and not be representative of the location exposure. Brown trout greater than about 230 mm tend to be reproductive size fish and sampling these larger reproductive fish, particularly females, can damage the population by removing spawning sized fish and the hundreds to thousands of eggs they produce each year. The Idaho Fish Tissue Protocol workgroup convened in 2007 to minimize potential damage to trout populations due to oversampling and to focus on trout that are likely resident to where they were spawned. The initial protocol focused on sampling individual trout <100 mm long but allowed for larger fish based on the needs of the sampling program or if insufficient numbers of <100 mm fish are present. The protocol has been revised to include fish up to 150 mm. In the 2012 Technical Support Document (Formation 2012), which provided subsequent data and analyses for the 2017 SSSC proposal, an analysis was conducted that examined the juvenile fish (up to 150 mm) collected during the same year (2007) and exposure conditions as those adult fish used for the reproduction studies (i.e., fish > 150 mm). No significant difference in whole-body tissue concentrations was observed between these adults and juveniles collected during the same time period (Kruskal Wallace one way ANOVA on ranks, p = 0.192). A more recent assessment targeted fish tissue selenium concentrations based on approximate age of sexual maturity (e.g., those fish <230 mm and those >230 mm). This assessment spanned several locations and selenium exposures using the 2007 data when adult fish were collected for the reproduction study. No significant differences in tissue concentrations for brown trout <230 mm and >230 mm were observed (Welch's t-test, p=0.9125) (Figure 6). Finally, a wider range of tissue concentrations was evaluated where juvenile (<230 mm) and adult fish (>230 mm) were compared by location and time collected. Of the 11 pairings from 2007, 2010, 2020, and 2025, only one significant difference was observed between tissue concentrations for fish <230 and those >230 mm (Table 4). All but one pair were not statistically significantly different.

Idaho's Selenium Implementation Guidance (IDEQ 2022) indicates that

> "Through years of internal sampling, DEQ determined the preferred size of salmonids that directly relate to species fidelity is young of year (YOY), which at the time of sampling (i.e., late summer, early fall) is considered fish less than 4 inches. If enough YOY are not available, then fish that have obviously spent most of their life history in the stream (up to 6 inches) should be collected. If more information is needed on migratory salmonids, for example, then fish larger than YOY will be collected".

The use of juvenile fish for compliance monitoring is consistent with the Idaho Selenium Implementation Guidance (IDEQ 2022) and the site-specific data show that juvenile fish tissues are representative of their environment, exposure, and not statistically different than fish tissue selenium from larger sexually mature fish. Juvenile fish are applicable for compliance monitoring in this setting.

4.2 Derivation of Water Column Element

According to EPA guidance (2021), a protective water concentration may be developed from the site-specific egg/ovary, whole-body, or muscle criterion elements. Translation of the fish tissue criterion to a protective water concentration can be performed in a manner that accounts for site-specific conditions. Two approaches for developing a protective water criterion from tissue thresholds are offered as valid approaches. These include: (1) use of a mechanistic modeling approach (Presser and Luoma 2010) to model selenium through the food chain, or (2) use of an empirical BAF approach. Appendix K of EPA (2021) outlines the two approaches and discusses their advantages and disadvantages. Protective water selenium concentrations can be derived using either method because sufficient data are available from the Crow Creek drainage to evaluate the similarity and/or dissimilarity between them. By using a standardized implementation of the brown trout egg and whole-body tissue criteria, a consistent and segment-specific water column element can be derived using empirical data from either approach without conflict of protection for downstream uses.

Due to the simplicity of data inputs required and the large amount of data already available for brown trout whole-body tissues, the empirical BAF approach is proposed as the derivation mechanism for the Crow Creek drainage.

The empirical BAF approach relies on site-specific, field measured BAFs, which are selenium tissue concentrations divided by dissolved selenium concentrations in surface water. The BAF is a direct measure of selenium bioaccumulation into fish, without the trophic steps, and requires no assumption of the dietary intake required under the trophic transfer model. BAFs tend to decrease as water selenium concentration increases, and the range and variability of whole-body concentrations and BAFs are higher at low water selenium concentrations compared to higher water concentrations.

The effects of higher BAFs at low water and diet selenium concentrations in predicting toxic effects in water and diet was documented using field collected data by DeForest et al. (2007) who showed a clear inverse relationship between water and selenium BAFs. This supports the findings by McGreer et al. (2003) who showed a similar relationship under laboratory settings. McGreer et al. (2003) observed that while it is possible to calculate BCFs and BAFs from concentrations expected under natural conditions (i.e. background), these are essentially meaningless when used to evaluate the potential for toxic effects from the metal.

Those results showed two important trends:

1) BAFs tend to decrease as water selenium concentrations increase.

2) The range and variability of whole-body concentrations and BAFs is higher at low water selenium concentrations compared to higher water concentrations.

Overall, these trends indicate that when setting the water column element of the selenium criterion, selection of the BAF used should consider the range of potential water column concentrations in which the criterion is expected to fall. Using BAFs at concentrations where selenium regulation is unnecessary (i.e., background concentrations) will generally result in overprediction of the criteria concentration. This

overprediction at low selenium concentrations was identified by EPA in their criterion document (EPA 2021).

The second trend is important because it affects the ability to identify a water column concentration based on whole-body (or other tissue) concentrations. When calculating the water column element of the criterion, the selected BAF must be representative of the water and fish tissue concentrations present to ensure that the criterion is protective without being under or overprotective. Stephan et al. (1985) note that "[c]riteria should attempt to provide a reasonable and adequate amount of protection with only a small possibility of considerable overprotection or under protection." Simply using a BAF in conditions where elevated selenium concentrations are not expected will result in a back-calculated water concentration (i.e., criterion) much lower than those that would be similarly protective due to the inverse relationship associated with the lowest exposure concentrations (as shown in Deforest et al. 2007).

To develop representative BAFs, a composite measure of BAFs (e.g., median, average) that integrates seasonal differences best represents conditions in the stream. This proposed criterion incorporates an integrated water column concentration (e.g., spring and fall average surface water concentration) together with mean trout tissue concentrations from each respective time period (e.g., surface water data were paired with mean trout tissue data from a time period) to derive location and time specific BAFs for each species.

The BAFs derived are based on whole-body tissues, whereas the criterion is based on egg/ovary tissues. Whole-body tissue concentration BAFs were converted to egg/ovary concentration BAFs to derive the allowable concentration that would not exceed the 20.5 mg/kg dw egg/ovary selenium criterion and would be comparable to the mechanistic model output using the following equation:

$$BAF_{EO} = \frac{C_{WB}\ x\ CF}{C_{water}}$$

Where: BAF_{EO} = BAF equivalent for egg/ovary tissues (L/kg)

C_{WB} = Tissue concentration of selenium in whole-body YCT or sculpins (mg/kg dw)

CF = Conversion Factor ratio for egg/ovary to whole-body (brown trout = 1.51[5])

C_{water} = Concentration of dissolved selenium in surface water (µg/L)

To derive the water column element, the following equation was used:

$$C_{water} = \frac{C_{EO}}{BAF_{EO}}$$

Where: C_{water} = Water column criterion element (µg/L)

[5] Brown trout site-specific conversion factor derived from the approved and adopted egg/ovary and whole-body tissue criteria (e.g., 20.5/13.6 = 1.51).

$C_{egg\text{-}ovary\ criterion}$ = Egg/ovary tissue criterion in brown trout (20.5 mg/kg dw)

$BAF_{egg/ovary}$ = BAF equivalent for egg/ovary tissue concentration (L/kg)

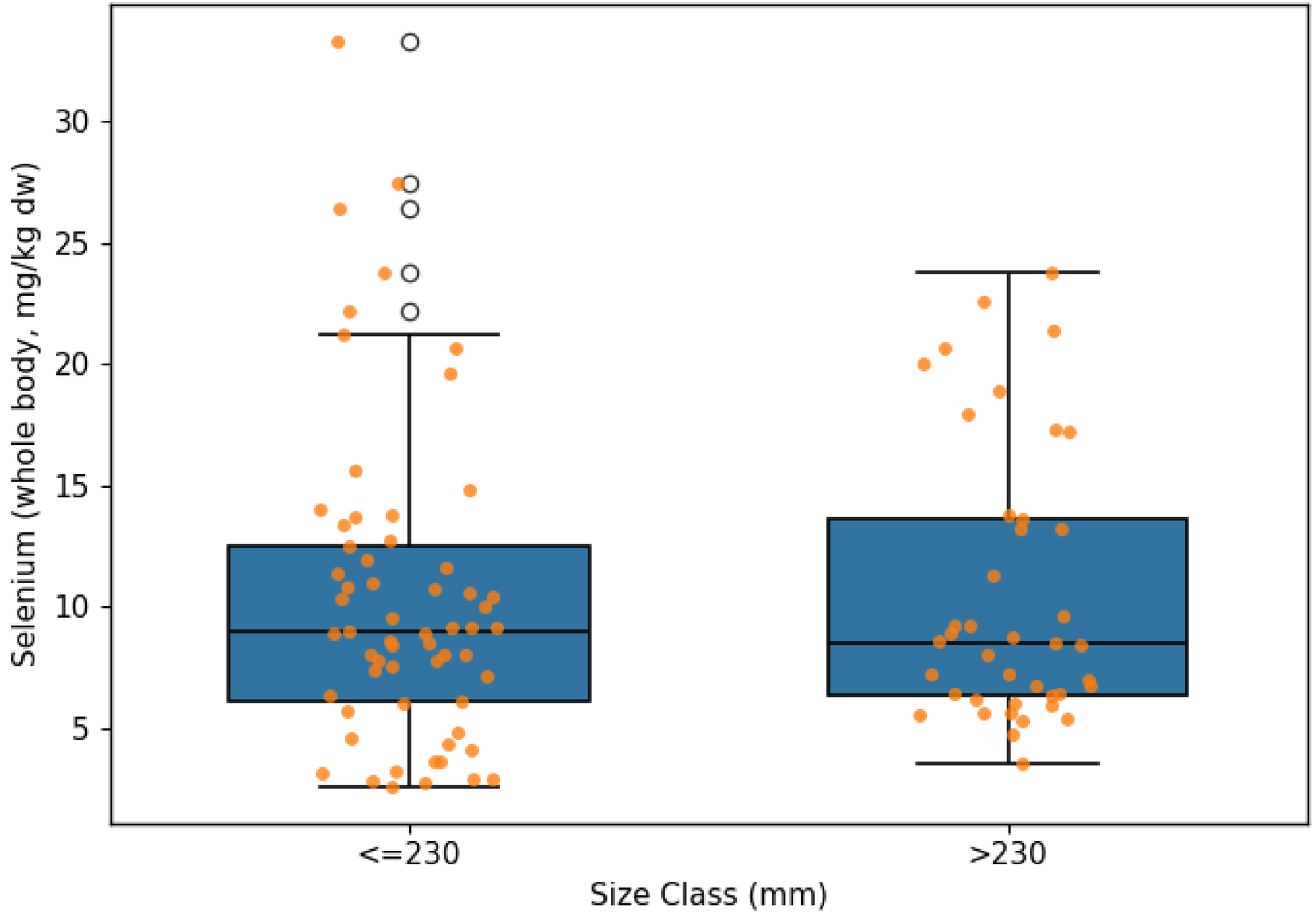
Each location- and time-specific water column element value derived was averaged to arrive at a species-specific BAF derived water column element criterion across the locations and time periods for the site-specific data.

Table 4
Comparison of Brown Trout Whole Body Tissue Selenium Between Sexually Immature (<230 mm) and Sexually Mature (>230 mm) Size Classes

Waterbody location	Station	Year	n<230 mm	n>230 mm	Mean Se <230 mm (mg/kg dw)	Mean Se >230 mm (mg/kg dw)	p_value
Lower Crow Ck	CC-3A	2007	17	4	10.8	6.50	0.0055*
Sage Ck	LSV-2c	2007	12	21	19.5	14.4	0.059
Lower Crow Ck	CC-150	2007	5	10	7.28	6.25	0.30
Lower Crow Ck	CC-1A	2007	13	2	9.81	7.55	0.30
Upper Crow Ck	CC-350	2007	3	3	5.43	7.73	0.40
SF Sage Ck	LSS	2010	11	2	12.9	10.2	0.37
Sage Ck	LSV-4	2010	12	2	19.8	20.5	0.78
Sage Ck	LSV-3	2010	10	3	13.4	13.9	0.87
Lower Crow Ck	CC-1A	2020	2	5	20.7	21.7	0.56
Lower Crow Ck	CC-1A	2025	3	2	21.5	19.2	0.80
Lower Crow Ck	CC-FV	2025	2	3	17.2	18.0	0.80

Notes:
n is the number of fish in a size class for the year and location
* significantly different
mg/kg dw = milligrams per kilogram dry weight
Lower Crow Ck - downstream of Sage Creek
Upper Crow Ck - Upstream of Sage Creek
Sage Ck - Downstream of Hoopes Spring

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Notes:

1. Limited data is available for brown trout >230 mm. Data used is from 2007, when an adequate number of trout from both age classes were collected, and includes whole-body brown trout tissue data from locations CC-75, CC-150, CC-350, CC-1A, CC-3A, and LSV-2C
2. <230 mm, n = 61, mean = 10.39
3. >230,mm, n=41, mean = 10.53
4. mg/kg dw = milligrams per kilogram, dry weight

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FIGURE 6

Comparison of Whole-Body Fish Tissue Selenium Concentrations by Age Class

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5 Proposed Site-Specific Criteria

The primary change to existing criteria proposed herein is a unified adoption of the brown trout egg/ovary and whole-body tissue thresholds for the whole of the Crow Creek drainage. This drainage-wide adoption would mean that existing non-site-specific tissue thresholds be replaced with site-specific effects thresholds for brown trout. For the water criteria elements, the process is more complicated since the water elements must be derived from the tissue elements. Proposed water criterion elements for each of the segments of the Crow Creek drainage being considered under this proposal are based on standardized brown trout tissue threshold elements. The following sections present a summary of the proposed site-specific selenium criterion elements for the Crow Creek drainage.

5.1 Crow Creek - Sage Creek to the Wyoming Stateline

In the segment of Crow Creek downstream of its confluence with Sage Creek, no changes are proposed for the current egg/ovary criterion element (20.5 mg/kg dw). The brown trout egg/ovary criterion is already applicable as part of the rule for this segment (IDAPA 58.01.02.287).

The current whole-body criterion element in this segment is based on rainbow trout (12.5 mg/kg dw). This proposed replaces the whole-body rainbow trout tissue criteria with the brown trout whole-body tissue criterion of 13.6 mg/kg dw. This change is appropriate because the brown trout is present throughout the segment and represents the species within the segment that is most sensitive to selenium based on the primary effects relationship (e.g., egg/ovary selenium).

The current water quality criterion element (4.3 ug/L) was calculated as the allowable water concentration derived from the brown trout 20.5 mg/kg dw egg/ovary selenium effect threshold. The water element value was derived using an empirical BAF from 2006 to 2011 whole body tissue data for brown trout prior to any treatment and removal of selenium.

Since the time when the BAFs were developed using data from 2006 to 2011, considerable new data for water and fish tissue selenium concentrations have been collected. In late 2017, a pilot scale water treatment plant (WTP) for selenium removal began operating at its design capacity of 2,000 gpm, removing selenium from Hoopes Spring water. Surface water selenium and fish tissue concentrations in Crow Creek downstream of Sage Creek have changed from 2008 to present. Figure 7 shows the pre (2006 to 2017) and post WTP (2018 to 2025) years for brown trout whole-body tissue data indicating an increase in tissue concentrations post treatment relative to before treatment commenced. While tissue concentrations increased after treatment commenced, dissolved surface water selenium concentrations post treatment from late 2017 to 2025 decreased since treatment commenced (Figure 7). Tissue concentrations would likely have been much higher if no treatment and removal occurred. More than 90 percent of selenium present in the water collected is removal by the WTP at Hoopes Spring; however, the WTP is a pilot facility treating only about 50 percent of the flows from Hoopes Spring. Therefore, treated low-selenium water discharged from the WTP mixes with untreated high selenium water from Hoopes Spring, resulting in a mixture of treated and untreated water. Reduction in selenium has created a new selenium condition in the system, lower than it was prior to treatment, but not fully removed as if all of

the water available for treatment were in fact treated. This new condition in surface water has created a delayed and somewhat slow progression of changing tissue concentrations due to the remaining selenium in the environment. Fish tissue concentrations increased from 2017 through 2022, then began declining after implementation of the WTP treatment process, resulting in a new steady state condition. As shown in the sculpin tissue data for lower Crow Creek locations (Figure 8), whole-body tissue concentrations vary among years since the completion of the WTP. Although concentrations differed among years overall (Kruskal–Wallis $p = 0.0188$), pairwise comparisons did not identify statistically significant differences between individual years (Dunns post-hoc, $p > 0.05$). Sculpin tissue data were used to assess the steady state condition because they are consistently collected, have high site fidelity and provide a representative check for salmonid tissues when salmonid tissue data are absent.

Tables 5 and 6 show the surface water and brown trout whole-body tissue concentration data, respectively, for each year from the two locations on Crow Creek downstream of Sage Creek. These data were then used to derive site-specific BAFs for each location and time period. Site-specific brown trout egg/ovary and whole-body tissue concentrations were used to derive egg/ovary[6] and whole-body BAFs[7] to use as the divisor into the egg/ovary or whole-body criterion (e.g., 20.5 mg/kg dw egg/ovary or 13.6 whole-body tissue criteria divided by the BAFs). Water elements were derived for each year, then the average of the complete range of data was used to derive a revised water criterion element of 8.8 µg/L (Table 7). While only one approach is necessary, both were done to demonstrate that the resulting surface water criteria derived from each approach were nearly identical.

The resulting proposed change in the surface water column element is based on the 2018 to 2025 BAFs that used fish tissue whole-body data considered to be at "steady state" based on annual location- and time-specific sculpin tissue data collected from the same time periods.

Criteria must consider downstream uses and be protective of those uses. Protection is based on the current state of the science and the available site-specific data. From a tissue perspective, use of egg/ovary and whole-body tissue thresholds for the most sensitive species and site-specific data confers protection to all less sensitive species regardless of the state line. The current fish community assemblage in Crow Creek on the Wyoming side of the Idaho border has been assessed and found to be the same assemblage of species found in Crow Creek in Idaho. However, compliance with each State's adopted water quality criteria is required. In Wyoming, the water quality criteria that must be met for Crow Creek is 5 µg/L total selenium. If this proposal is adopted and approved, the required selenium criterion to be met in Idaho would be a whole-body tissue criterion of 13.6 mg/kg dw which corresponds to 8.8 ug/L dissolved selenium in water. For compliance with Idaho's criteria, fish tissues take precedence over the water criteria when fish tissue data are available. Wyoming's selenium criterion is based on older acute- and chronic-based water only values and does not consider tissue concentrations. Despite the potential for a higher water column element criterion in Idaho relative to Wyoming, each state's compliance

[6] Whole-body tissue data were converted to egg/ovary BAFs by multiplying the average brown trout tissue concentration by the CF (1.51) and then dividing this product by the site yearly average surface water concentrations up to and prior to the sampling event.

[7] Whole-body tissue data were converted to whole-body BAFs by dividing the average brown trout tissue concentration for a year by the site average surface water concentrations for high and low flows prior to the sampling event.

mechanisms are different. Tissue data take precedence in Idaho and that is the criterion element to be met, while in Wyoming which uses a water only criteria, compliance in Crow Creek water that flows across the state line must be at or below 5.0 ug/L total selenium.

Currently, Simplot is planning for expansion of the water treatment plant at Hoopes Spring to further reduce selenium concentrations within the surface water as part of the Record of Decision (ROD) issued by the USFS (2024 USFS). Target goals for this new treatment plant combined with the existing WTP are to meet instream water quality in Sage Creek and Crow Creek including Crow Creek at the state line in consideration of the Wyoming standard. The commitment to this goal is memorialized in the ROD Remedial Action Objective (RAO) which requires Simplot to "Reduce selenium concentrations in lower Sage Creek and Crow Creek watersheds to below levels that pose unacceptable risks for aquatic life and comply with ARARs (i.e., IDAPA 58.01.02 – Idaho Water Quality Standards and Wyoming Water Quality Rules and Regulations, Chapter 1: Wyoming Surface Water Quality Standards (Reference # 020.0011.1.03232015)). Therefore, while a whole-body tissue criterion with a corresponding water column element in Idaho may be higher than the Wyoming water column only criteria, the requirement to meet Wyoming's criteria is required as part of the ROD.

Currently, lower Crow Creek in Idaho (at location CC-1A) downstream of Sage Creek does not meet Idaho's or Wyoming's criteria for selenium. Selenium concentrations are decreasing since the implementation of treatment at the pilot treatment plant. Unlike typical mountain runoff systems where concentrations peak with runoff, the selenium in Crow Creek is driven in large part by contributions from Hoopes Spring ground water. Peak selenium concentrations due to this ground water discharge occur during the late summer/fall base flows (Figure 7). Despite the variability, dissolved selenium at the CC-1A location in lower Crow Creek is trending down from the time that treatment commenced in full by late 2017.

5.2 Crow Creek and Deer Creek Upstream of Sage Creek

Upstream of Sage Creek, the Crow Creek watershed is a large multi order ream that includes many tributaries. The current selenium water quality criterion for this segment of the Crow Creek drainage is based on the non-sturgeon water criterion developed by the State of Idaho. The currently applicable tissue criterion elements for this segment are those identified by the State of Idaho for non-sturgeon waters. The egg/ovary criterion of 19.1 mg/kg dw and whole-body criterion element of 9.5 mg/kg dw are currently in place. It is proposed that the non-sturgeon tissue criteria elements be replaced with the brown trout criteria for egg/ovary and whole-body. Consistent with the downstream segments of Crow Creek, this is appropriate because the brown trout is present throughout the segment and represents the species most sensitive to selenium.

While there are known strongholds of YCT within Deer Creek, where YCT is the primary salmonid inhabiting the segment, the brown trout tissue threshold is still applicable given that the published studies and EPA (2021) recognized that brown trout is more sensitive to selenium effects than YCT.

No change to the existing water criterion element is proposed because the existing criterion is adequately protective of the upstream Crow Creek drainage as well as the downstream Crow Creek drainage. In Crow Creek downstream of Sage Creek, the variability in whole-body concentrations led to a

wide range of BAFs at the lowest water selenium concentrations (<3 µg/L). At higher water concentrations (e.g., above 5 µg/L), the range of BAFs decreased (Crow Creek, Sage Creek, South Fork Sage Creek). In Crow Creek upstream of Sage Creek and Deer Creek, annual average surface water selenium concentrations have always been less than 3.1 µg/L (Figure 9).

Despite the low selenium concentrations in water, tissue concentrations occasionally exceed the brown trout tissue threshold (Figure 9) indicating that tissue concentrations can vary widely even at low surface water concentrations. For example, YCT in Deer Creek exceeded the tissue criteria even when annual average selenium concentrations in water were less than 3.1 µg/L, with tissue concentrations ranging from 2.1 to 27.0 mg/kg dw. Deer Creek has natural sources of selenium due to Phosphoria outcrops and springs that have been previously documented and fish tissue concentrations in this drainage have at times been greater than 13.6 µg/L.

Figure 9b shows the wide range of site-specific BAFs for upper Crow Creek and Deer Creek locations across a relatively narrow range of surface water concentrations, indicating that the conditions discussed in DeForest et al. (2007; Section 4.2) are present in the Crow Creek drainage. At these low concentrations, selenium uptake is active since selenium is an essential trace mineral required for all life and BAFs derived from these surface water and fish tissue data would ultimately be very high resulting in a water criterion element less than the current 3.1 µg/L value. When BAFs are derived at low tissue and water concentrations (e.g., less than current water criterion), they tend to be increasingly large, and the resulting criteria derived will likely be overpredicted as described previously in Section 4.2. This overprediction at low selenium concentrations was identified by EPA in their criterion document (EPA 2021).

Since the measured selenium concentrations within the upper reaches of Crow Creek are not indicative of elevated selenium concentrations, using BAFs calculated from surface water data collected from that segment of the drainage would be biased high, represent active uptake, not toxic exposure and therefore be inappropriate for calculating a selenium water quality criterion (as discussed in Section 4.2). The default water column criteria element (3.1 ug/L) is recommended as a protective water criterion value to accompany the applicable brown trout tissue thresholds.

The tissue criteria elements are proposed to be changed from the existing non-sturgeon-water tissue criteria to the brown trout egg/ovary and whole-body tissue elements. However, no change is proposed for the water criterion element as the existing value of 3.1 µg/L is demonstrated to be protective of existing uses. This approach is consistent with IDEQ Implementation Guidance (2022) which followed a similar approach when applying the non-sturgeon water tissue thresholds. IDEQ changed tissue criteria but did not change the water column value, as they deemed the value was protective and no recalculation was necessary.

Table 5

Dissolved Selenium in Surface Water for Lower Crow Creek Locations

Station	Date	Flow	Dissolved Se (mg/L)	Qualifier
CC-1A	5/18/16	High	0.0120	
CC-1A	7/8/16	High	0.0160	
CC-1A	11/9/16	Base	0.0200	
CC-1A	5/17/17	High	0.0050	
CC-1A	8/2/17	Base	0.0195	
CC-1A	11/15/17	Base	0.0207	J
CC-1A	5/17/18	High	0.0080	
CC-1A	8/7/18	Base	0.0169	
CC-1A	10/24/18	Base	0.0144	
CC-1A	5/22/19	High	0.0074	
CC-1A	8/14/19	Base	0.0150	
CC-1A	11/6/19	Base	0.0153	
CC-1A	5/13/20	High	0.0057	
CC-1A	8/18/20	Base	0.0206	
CC-1A	11/5/20	Base	0.0164	
CC-1A	5/21/21	High	0.0125	
CC-1A	8/31/21	Base	0.0193	
CC-1A	11/10/21	Base	0.0118	
CC-1A	5/19/22	High	0.0067	
CC-1A	8/10/22	Base	0.0172	
CC-1A	10/26/22	Base	0.0147	
CC-1A	6/11/23	High	0.0086	
CC-1A	9/9/23	Base	0.0159	
CC-1A	11/7/23	Base	0.0133	
CC-1A	5/22/24	High	0.0069	
CC-1A	8/13/24	Base	0.0140	
CC-1A	10/18/24	Base	0.0153	
CC-1A	5/20/25	High	0.0107	
CC-1A	9/10/25	Base	0.0155	
CC-3A	9/4/06	Base	0.0029	
CC-3A	5/11/07	High	0.0014	J
CC-3A	8/26/07	Base	0.0018	J-
CC-3A	10/24/07	Base	0.0010	J-
CC-3A	5/15/08	High	0.0026	
CC-3A	9/7/08	Base	0.0058	
CC-3A	8/25/12	Base	0.0164	
CC-3A	8/25/13	Base	0.0173	
CC-3A	8/2/17	Base	0.0193	
CC-3A	8/7/18	Base	0.0160	
CC-3A	8/14/19	Base	0.0139	
CC-3A	8/18/20	Base	0.0185	
CC-3A	9/3/21	Base	0.0166	
CC-3A	8/10/22	Base	0.0167	
CC-3A	9/16/23	Base	0.0137	
CC-3A	9/8/24	Base	0.0165	
CC-3A	9/14/25	Base	0.0147	

Station	Year	Surface Water Concentrations (mg/L)		
		Average	Min.	Max.
CC-1A	2018	0.0152	0.0080	0.0207
CC-1A	2019	0.0123	0.0074	0.0150
CC-1A	2020	0.0139	0.0057	0.0206
CC-1A	2021	0.0161	0.0125	0.0193
CC-1A	2022	0.0119	0.0067	0.0172
CC-1A	2023	0.0131	0.0086	0.0159
CC-1A	2024	0.0125	0.0069	0.0159
CC-1A	2025	0.0138	0.0107	0.0155
CC-3A	2018	0.0160	0.0080	0.0207
CC-3A	2019	0.0139	0.0074	0.0150
CC-3A	2020	0.0185	0.0057	0.0206
CC-3A	2021	0.0166	0.0125	0.0193
CC-3A	2022	0.0167	0.0067	0.0172
CC-3A	2023	0.0137	0.0086	0.0159
CC-3A	2024	0.0151	0.0069	0.0227
CC-3A	2025	0.0147	0.0107	0.0155

Notes

mg/L = milligrams per liter

Se = selenium

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Table 5
Brown Trout Whole-Body Selenium Concentrations for Lower Crow Creek Locations

Year	Tissue Selenium Concentrations (mg/kg dw)			
	Count	Average	Min.	Max.
CC-1A				
2006	3	9.76	8.15	11.86
2007	15	9.51	6.3	14.8
2008	15	15.20	8.04	23
2009	9	10.81	7.43	13.7
2010	10	14.30	11.6	16.8
2011	10	12.24	7.52	15.5
2013	14	22.02	16.7	29.9
2017	6	16.80	9.1	40.2
2018	10	22.70	16.8	27.6
2019	7	22.99	18.7	32.5
2020	7	21.43	18.3	24.2
2021	4	24.85	21.3	28.9
2022	4	30.15	24.9	36.1
2024	5	17.14	15.4	21
2025	5	20.58	17.8	25.2
CC-3A				
2006	3	11.15	9.14	14.35
2007	21	9.95	5.3	15.6
2008	12	18.24	15	23.2
2013	8	22.78	20.5	26.4
2018	5	25.74	23.2	28.4
2019	7	21.91	17.4	26.9
2024	4	17.13	16.2	19.3
2025	4	20.90	20	23.4

Notes:
mg/kg dw = milligrams per kilogram, dry weight

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Table 7
Bioaccumulation Factors and Surface Water Criteria Derived from Brown Trout Whole-Body Tissue Se Concentrations

Station	Year	Surface Water Dissolved Se (mg/L)			Whole-Body Se (mg/kg dw)			BAFeo	SW Criteria	BAF_{wb}	SW Criteria
		Average	Min.	Max.	Average	Min.	Max.	(L/kg)	(µg/L)		(µg/L)
CC-1A	2018	0.0152	0.0080	0.0207	22.70	16.8	27.6	2255.1	9.1	1493.4	9.1
	2019	0.0123	0.0074	0.0150	22.99	18.7	32.5	2829.5	7.2	1873.8	7.3
	2020	0.0139	0.0057	0.0206	21.43	18.3	24.2	2334.0	8.8	1545.7	8.8
	2021	0.0161	0.0125	0.0193	24.85	21.3	28.9	2335.5	8.8	1546.7	8.8
	2022	0.0119	0.0067	0.0172	30.15	24.9	36.1	3826.8	5.4	2534.3	5.4
	2023	0.0131	0.0086	0.0159	No BRN			--	--	--	--
	2024	0.0125	0.0069	0.0159	17.14	15.4	21	2065.6	9.9	1367.9	9.9
	2025	0.0138	0.0107	0.0155	20.58	17.8	25.2	2246.4	9.1	1487.7	9.1
CC-3A	2018	0.0160	0.0080	0.0207	25.74	23.2	28.4	2429.2	8.4	1608.8	8.5
	2019	0.0139	0.0074	0.0150	21.91	17.4	26.9	2380.6	8.6	1576.6	8.6
	2020	0.0185	0.0057	0.0206	No BRN			--	--	--	--
	2021	0.0166	0.0125	0.0193	No BRN			--	--	--	--
	2022	0.0167	0.0067	0.0172	No BRN			--	--	--	--
	2023	0.0137	0.0086	0.0159	No BRN			--	--	--	--
	2024	0.0151	0.0069	0.0227	17.13	16.2	19.3	1712.5	12.0	1134.1	12.0
	2025	0.0147	0.0107	0.0155	20.90	20	23.4	2146.9	9.5	1421.8	9.6
Crow Creek Average								**2414.7**	**8.8**	**1599.2**	**8.8**

Notes:

Only brown trout (BRN) whole-body tissue samples were included in the calculations; No BRN = No brown trout were sampled

BAFeo = Bioaccummulation factor , egg/ovary tissue

BAFwb = Bioaccumulation Factor, whole body tissues

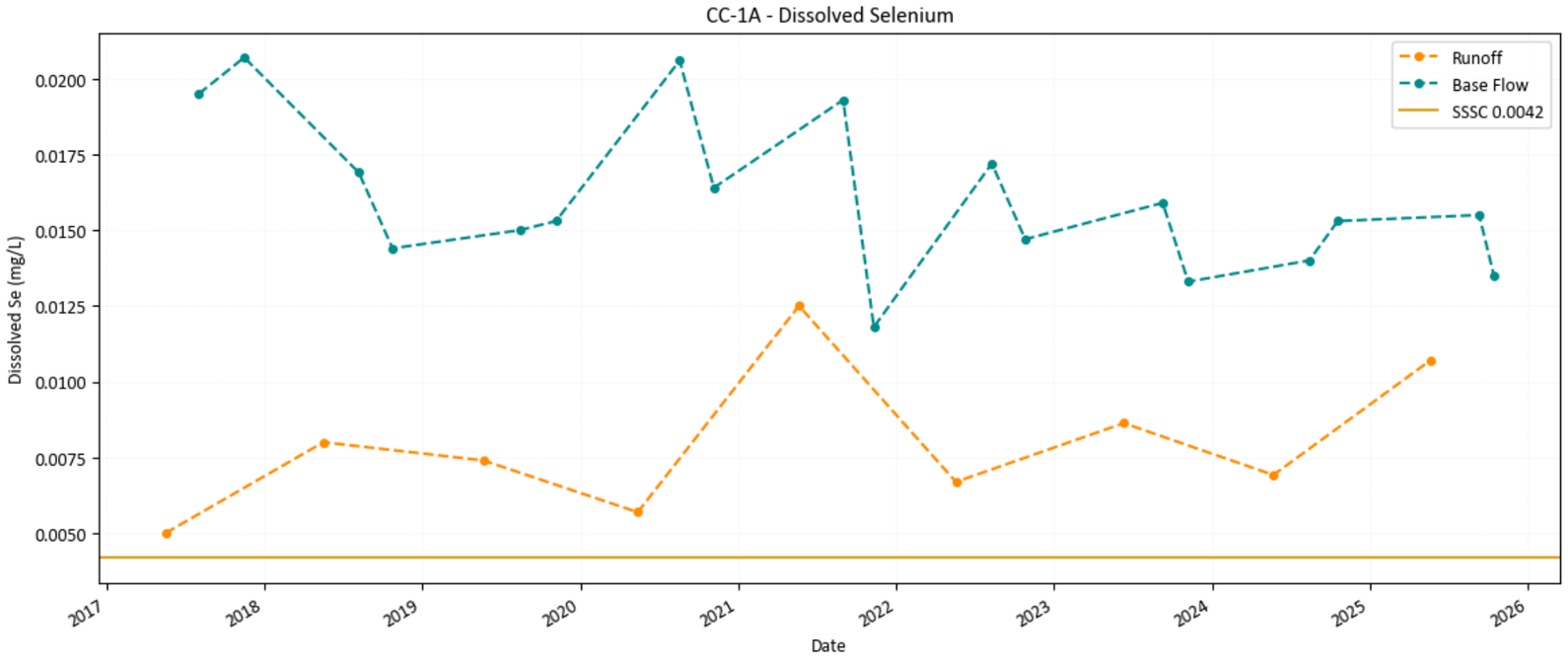
L/kg = liters per kilogram; mg/L = milligrams per liter; ug/L = micrograms per liter; mg/kg dw = milligrams per kilogram, dry weight

Criterion Elements:

Egg-Ovary (BRN)	20.5 mg/kg dw
Whole-Body (BRN)	13.6 mg/kg dw
Whole-Body (RBT)	12.5 mg/kg dw
Current WQS (Crow)	4.2 ug/L

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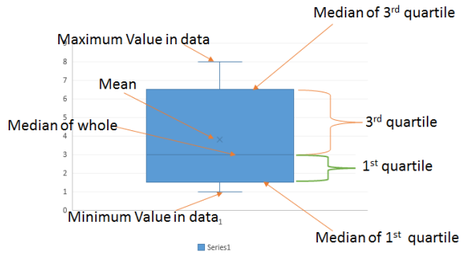




Notes:

1. mg/L = milligrams per liter
2. mg/kg dw = milligrams per kilogram, dry weight
3. WTP = Water Treatment Plant
4. SSSC = Site-Specific Selenium Criteria

5. In the lower time-series plot, selenium concentrations at CC-1A were temporally divided into the runoff period (April, May, June, July) and base flow period (all other months) for a seasonal comparison of concentrations and to evaluate trends over time.



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FIGURE 7

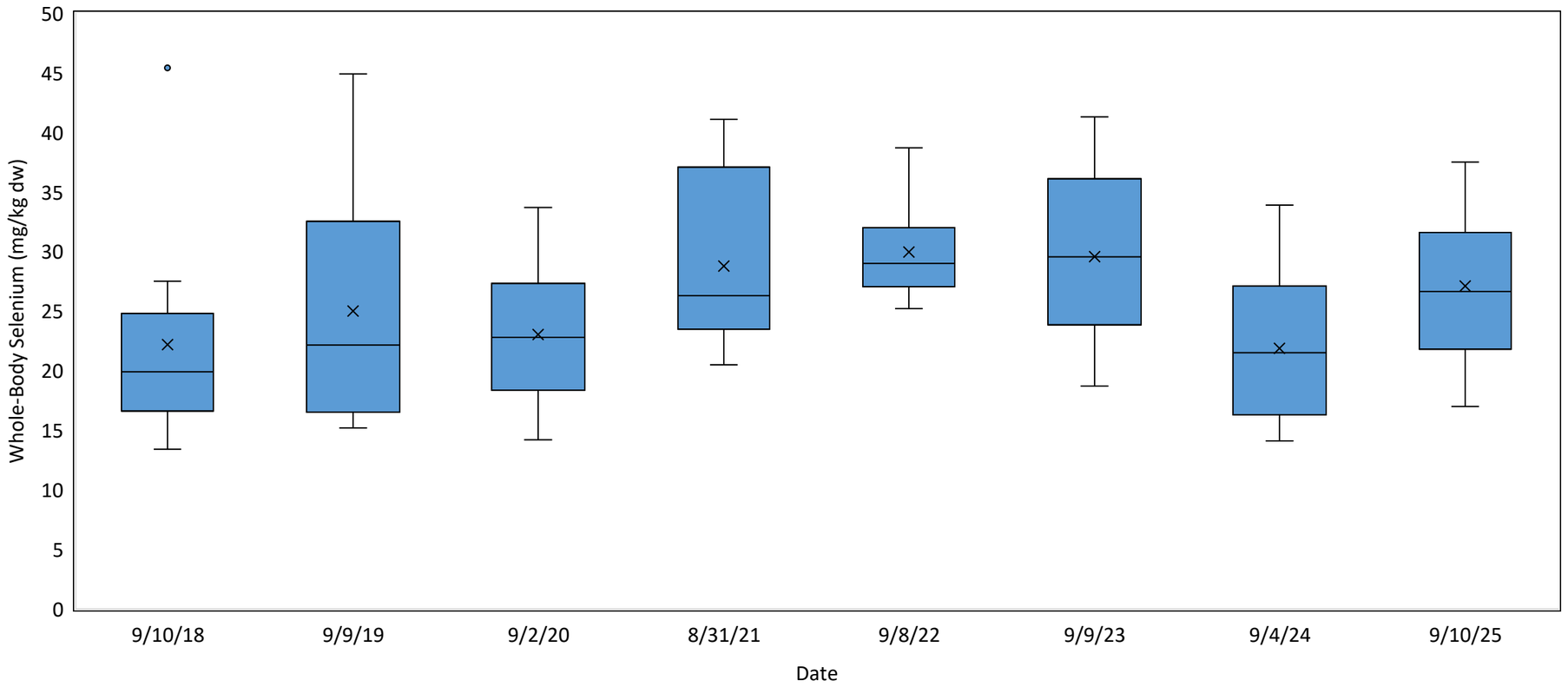
Selenium in Brown Trout Tissue and Surface Water at Two Crow Creek Locations Pre- and Post- Treatment

DATE: DECEMBER 2025

BY: WSB | FOR: SMC

FORMATION

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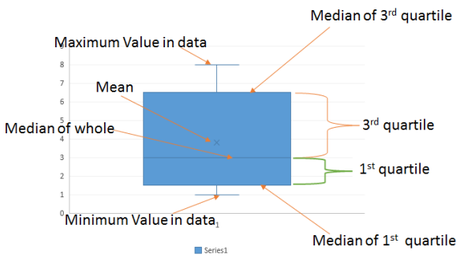
Notes:
1. mg/L = milligrams per liter
2. mg/kg dw = milligrams per kilogram, dry weight
3. WTP = Water Treatment Plant

Kruskal–Wallis Test

H statistic	16.79
p-value	0.0188

Dunn's post-hoc test (Holm-adjusted p-values):

Year	2018	2019	2020	2021	2022	2023	2024	2025
2018	1	1	1	0.826	0.1157	0.4307	1	1
2019	1	1	1	1	1	1	1	1
2020	1	1	1	1	0.4538	1	1	1
2021	0.826	1	1	1	1	1	1	1
2022	0.1157	1	0.4538	1	1	1	0.1598	1
2023	0.4307	1	1	1	1	1	0.5415	1
2024	1	1	1	1	0.1598	0.5415	1	1
2025	1	1	1	1	1	1	1	1



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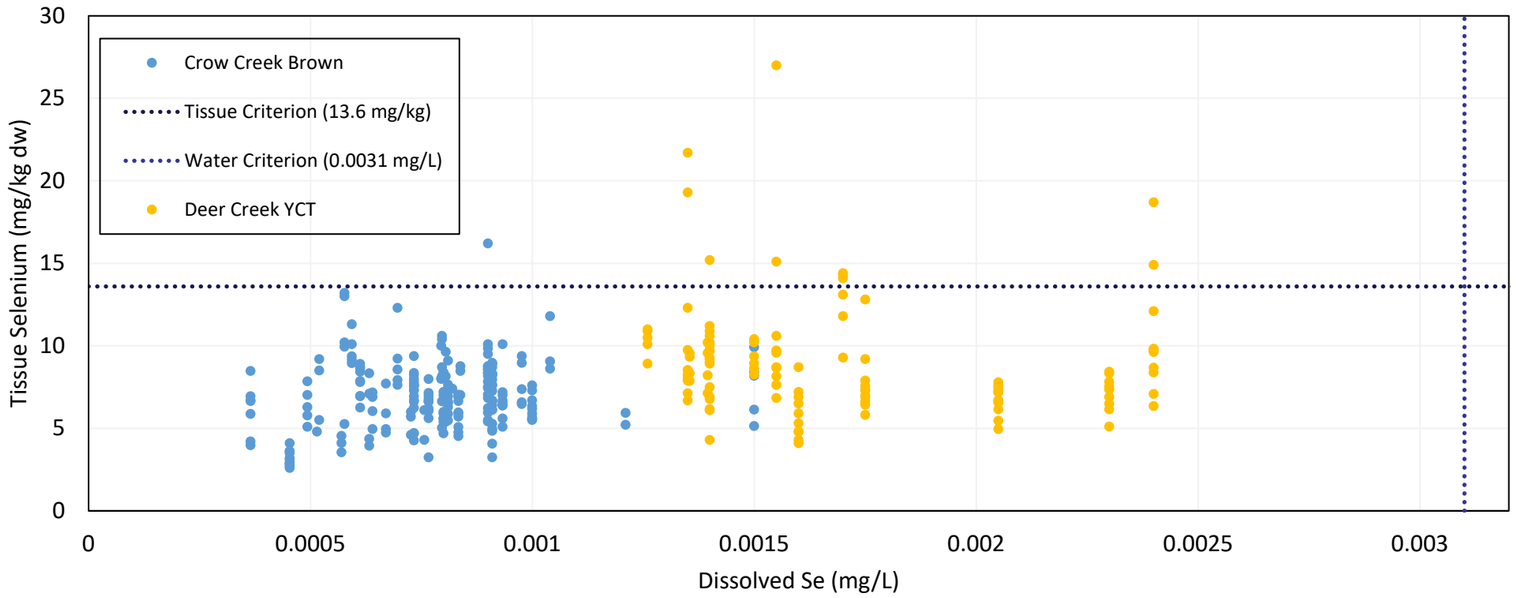
FIGURE 8

Sculpin Whole-Body Selenium Concentrations 2018 to 2025

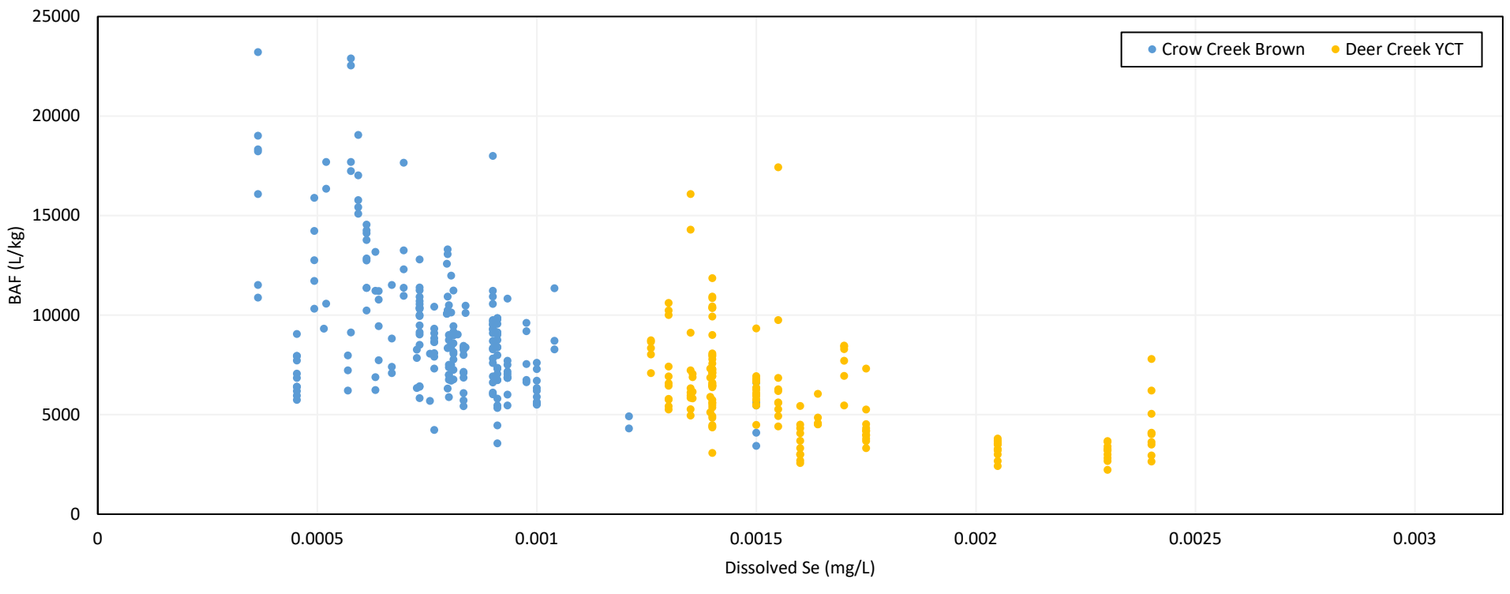
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A)



B)



Notes:
1. BAF = Bioaccumulation Factor
2. mg/L = milligrams per liter
3. mg/kg dw = milligrams per kilogram, dry weight
4. L/kg = liters per kilogram
5. Brown trout (BRN) in Crow Creek were compared to Yellowstone cutthroat trout (YCT) in Deer Creek due to the absence of BRN in Deer Creek. BRN are preferentially sampled when both species are present.

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FIGURE 9

Whole-Body Tissue Concentrations (A) and BAFs (B) vs Dissolved Surface Water Selenium

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6 Crow Creek Summary

This document provides supporting rationale and scientific justification to update Idaho's egg/ovary and whole-body selenium criteria for upper Crow Creek and Deer Creek upstream of Sage Creek and lower Crow Creek downstream of Sage Creek to a unified consistent tissue-based criteria using brown trout egg/ovary and whole-body tissue thresholds. Further, an updated water column criterion element is proposed for lower Crow Creek downstream of Sage Creek. A summary of the proposed site-specific criteria elements is provided in Table 8. By applying consistent tissue criteria to these segments, there is no issue with differences in application or compliance with different tissue criteria being applied as is currently the case. For the water column element, maintaining upper Crow Creek at its current water column value of 3.1 ug/L does not pose any issue for compliance with the segment downstream of Sage Creek. In the lower Crow Creek segment, downstream of Sage Creek, a higher water column criteria element in Crow Creek on Idaho's side of the state line will not affect meeting the criteria on the Wyoming side of the state line. Fish tissue data in Idaho will take precedence, while in Wyoming, the water only based criteria must be met as required in the ROD. As part of the remedial action, selenium reduction through an expanded treatment facility on Hoopes Spring will be required to meet water quality standards in Wyoming.

Table 8
Summary of Proposed Changes to Criteria Elements for the Crow Creek Drainage

Waterbody	Description	Egg/Ovary (mg/kg dw)	Whole-Body (mg/kg dw)	Water (Lotic) (µg/L)
Lower Crow Creek	Crow Creek downstream of Sage Creek	20.5	13.6	8.8
Upper Crow Creek and Deer Creek	Crow Creek upstream of Sage Creek	20.5	13.6	3.1

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7 References

Besser, J.M., Brumbaugh, W.G., Papoulias, D.M., Ivey, C.D., Kunz, J.L., Annis, M., and Ingersoll, C.G. (2012). Bioaccumulation and toxicity of selenium during a life-cycle exposure with desert pupfish (*Cyprinodon macularius*). U.S. Geological Survey Scientific Investigations Report 2012–5033, 30 p. with appendices.

Brix, K. V., Toll, J. E., Tear, L. M., Deforest, D. K., & Adams, W. J. (2005). Setting site-specific water-quality standards by using tissue residue thresholds and bioaccumulation data. part 2. Calculating site-specific selenium water-quality standards for protecting fish and birds. Environmental Toxicology and Chemistry, 24(1), 231-237. https://doi.org/10.1897/03-471.1

Brix, K. V., Baker, J. , de Bruyn, A., Ings, J., Good, C., Arnold, M. C., Elphick, J. (2025). Effects of maternally transferred egg selenium on embryo-larval survival, growth, and development in mountain whitefish (*Prosopium williamsoni*). Environmental Toxicology and Chemistry, 44 (7), 1985-1993. https://doi.org/10.1093/etojnl/vgaf107

Collins, B. and J.T. Heimer. 1981. Fish populations in the Smoky Creek, Sage Creek, and Timber Creek drainages, Caribou County, Idaho. Idaho Dept. of Fish and Game, Pocatello, 5 p. plus appendix.

Covington, S. M., Naddy, R. B., Prouty, A. L., Werner, S. A., and Lewis, M. D. (2018). Effects of in situ selenium exposure and maternal transfer on survival and deformities of brown trout (*Salmo trutta*) fry. Environmental Toxicology and Chemistry, 37(5), 1396-1408. https://doi.org/10.1002/etc.4086

Covington, S. M., Naddy, R. B., Prouty, A. L., Petach, M., and Schmeda, G. (2025). Effects of in situ selenium exposure and maternal transfer on survival and abnormalities of Yellowstone cutthroat trout (*Oncorhynchus clarkii bouvieri*) fry. Integrated Environmental Assessment and Management, 21(3), 674-687. https://doi.org/10.1093/inteam/vjaf013

deBruyn, A. M. H., Lo, B. P., Van Geest, J., Semeniuk, D., Elphick, J. R., Ings, J., Good, C., Arnold, M. C., & Brix, K. V. (2023). Maternal transfer and effects of selenium on early life stage development of redside shiner (*Richardsonius balteatus*). Environmental Toxicology and Chemistry, 42, 2350–2357.

de Rosemond, S.C., Liber, K., and Rosaasen, A. (2005). Relationship between embryo selenium concentration and early life stage development in white sucker (*Catostomus commersoni*) from a northern Canadian lake. Bull Environ Contam Toxicol 74:1134–1142. https://doi.org/10.1007/s00128-005-0699-7

Elphick, J. R., Bailey, H. C., Lo, B. K., Sword, G., & Berdusco, J. R. (2009). Effect of selenium on early life-stage development of Westslope cutthroat trout.

Environmental Protection Agency (EPA) (1994). Water Quality Standards Handbook, Second Edition. U.S. Environmental Protection Agency, EPA-823-B-93-002. Office of Water, Washington, D.C.

EPA (2004). Draft aquatic life water quality criteria for selenium – 2004. Office of Science and Technology, Office of Water. U.S. EPA-822-D-04-001.

EPA (2013). Revised Deletion Process for the Site-Specific Recalculation Procedure for Aquatic Life Criteria. Office of Water. EPA-823-R-13-001. April.

EPA (2016). Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater 2016. EPA 822-R-16-006. June.

EPA (2019). Letter from Daniel D. Opalski, Director, EPA Region 10, to Dr. Mary Anne Nelson, Water Quality Division Administrator, Idaho Department of Environmental Quality dated July 9, 2019.

EPA (2021). 2021 Revision to: Aquatic Life Ambient Water Quality Criterion for Selenium – Freshwater. Office of Water. EPA 822-F-21-006. August.

EPA (2024). Technical Support for Adopting and Implementing the EPA's 2016 Selenium Criterion in Water Quality Standards. Office of Water. EPA 820-R-24-001. April.

Formation Environmental, LLC. (Formation) (2014). Final Smoky Canyon Mine Remedial Investigation/Feasibility Study Remedial Investigation Report. Prepared for J.R. Simplot Company. September.

Formation (2015). Site-Specific Ecological Risk Assessment Report. Prepared for J.R. Simplot Company. December.

Formation (2017). Proposed Site-Specific Selenium Criterion for Hoopes Spring, Sage Creek, and Crow Creek near the Smoky Canyon Mine. Prepared for J.R. Simplot Company. October.

Formation (2024). 2023 Aquatic Resources and Fisheries Monitoring Report Panels F and G. Prepared for the J.R. Simplot Company. April.

Golder Associates (2009). Development of a Site-Specific Selenium Toxicity Threshold for Dolly Varden Char. Kemess Mine, British Columbia. Submitted to Northgate Minerals Corporation, Smithers, BC.

Hardy, R.W. (2005). Effects of dietary selenium on cutthroat trout (*Oncorhynchus clarkii*) growth and reproductive performance. Report for Montgomery Watson Harza, Broomfield, CO.

Hardy, R.W., Oram, L., and Möller, G. (2010). Effects of dietary selenomethionine on cutthroat trout (*Oncorhynchus clarki bouvieri*) growth and reproductive performance over a life cycle. Arch Environ Contam Toxicol 58:237–245.

Holm, J. (2002). Sublethal effects of selenium in rainbow trout (*Oncorhynchus mykiss*) and brook trout (*Salvelinus fontinalis*). MS Thesis. University of Manitoba, Winnipeg, MB, Canada.

Holm, J., Palace, V.P., Wautier, K., Evans, R.E., Baron, C.L., Podemski, C., Siwik, P., and Sterling, G. (2003). An assessment of the development and survival of wild rainbow trout (*Oncorhynchus mykiss*) and brook trout (*Salvelinus fontinalis*) exposed to elevated selenium in an area of active coal

mining. In Browman HI, Skiftesvik AB, eds, The Big Fish Bang, Proceedings of the 26th Annual Larval Fish Conference, Bergen, Norway, pp 257–273.

Holm, J., Palace, V.P., Siwik, P., Sterling, G., Evans, R., Baron, C., Werner, J., and Wautier, K. (2005). Developmental effects of bioaccumulated selenium in eggs and larvae of two salmonid species. Environ Toxicol Chem 24:2373–2381.

Idaho Department of Environmental Quality (IDEQ) (2017). Justification for Site-Specific Selenium Criterion for Aquatic Life in Portions of Idaho. Water Quality Division. November.

IDEQ (2018). Idaho Aquatic Life Criteria for Selenium – Supplemental Technical Justification. Docket 58-0102-1701. Water Quality Division. June.

IDEQ (2022). Implementation Guidance for the Idaho Selenium Criteria for Aquatic Life. Water Quality: Docket No. 58-0102-1701 – Final Rule. May.

IDEQ (2025). Idaho's 2024 Integrated Report. March. https://www.deq.idaho.gov/water-quality/surface-water/monitoring-and-assessment/

Janz, D.M., DeForest, D.K., Brooks, M.L., Chapman, P.M., Gilron, G., Hoff, D., Hopkins, W.A., McIntyre, D.O., Mebane, C.A., Palace, V.P., Skorupa, J.P., Wayland, M. (2010). Selenium toxicity to aquatic organisms. In Chapman PM, Adams WJ, Brooks ML, Delos CG, Luoma SN, Maher WA, Ohlendorf HM, Presser TS, Shaw DP, eds, Ecological Assessment of Selenium in the Aquatic Environment. SETAC Press, Pensacola, FL, USA, pp 141–231.

Lo, B.P., Marlatt, V.L., Baker, J., Elphick, J.R., deBruyn, A.M., Patterson, M., Leighton, B., Kennedy, C.J., Bailey, H.C., (2014). SETAC North America 35th Annual Meeting, Vancouver, British Columbia, November 2014.

Mariah Associates (Mariah). 1980. Baseline Aquatic Ecology Report for the Smoky Canyon Phosphate Lease, Southeast Idaho. Prepared for J.R. Simplot Company.

McDonald, B.G., deBruyn, A.M.H, Elphick, J., Davies, M., Bustard, D., and Chapman, P.M.. 2010. Development of a selenium tissue toxicity threshold for Dolly Varden char (*Salvelinus malma*). Environ Toxicol Chem 29:2800–2805.

Muscatello, J.R., Bennett, P.M., Himbeault, K.T., Belknap, A.M., and Janz, D.M. (2006). Larval deformities associated with selenium accumulation in northern pike (*Esox lucius*) exposed to metal mining effluent. Environ Sci Technol 40:6506–6512.

Nautilus Environmental (2011). Evaluation of the effects of selenium on early life stage development of Westslope cutthroat trout in the Elk Valley, BC. Nautilus Environmental, San Diego, CA, USA. Draft revised report for Elk Valley Selenium Task Force, Sparwood, BC, Canada.

NewFields (2005). Site Investigation Report for Smoky Canyon Mine Caribou County, Idaho. July.

Ogle, R.S. and A.W. Knight (1996). Selenium bioaccumulation in aquatic ecosystems: 1. Effects of sulfate on the uptake and toxicity of selenate in *Daphnia magna*. Arch. Environ. Contam. Toxicol. 30:274-279.

Pilgrim, N. (2009). Multigenerational effects of selenium in rainbow trout, brook trout, and cutthroat trout. MS Thesis. University of Lethbridge, AB, Canada.

Simplot Company (Simplot) (2023). Smoky Canyon Mine Comprehensive Environmental Monitoring Program Plan, Revision No. 3. June.

Stephan, C.E., Mount, D.I., Hansen, D.J., Gentile, J.H., Chapman, G.A., and Brungs, W.A. (1985). Guidelines for Deriving Numerical National Water Quality Criteria for the Protection of Aquatic Organisms and Their Uses. EPA.

Skorupa, J.P., S.P. Morman, and J.S. Sefchick-Edwards (1996). Guidelines for interpreting selenium exposure of biota associated with nonmarine aquatic habitats. U.S. Fish and Wildlife Service National Irrigation Water Quality Program, Sacramento Field Office, March 1996. 74 pp.

United States Forest Service (USFS) (2024). Smoky Canyon Mine Record of Decision. October.

Williams, M.J., R.S. Ogle, A.W. Knight and R.G. Burau (1994). Effects of sulfate on selenate uptake and toxicity in the green alga *Selenastrum capricornutum*. Arch. Environ. Contam. Toxicol. 27(4):449-453.

World Population Review 2025. Afton Wyoming Population 2025. https://worldpopulationreview.com/us-cities/wyoming/afton

APPENDIX A - SUMMARY OF TROUT REPRODUCTION STUDIES

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1.0 Site-Specific Studies

To develop the science necessary for the proposed Site-Specific Selenium Criterion (SSSC), the Simplot Company (Simplot) completed a series of field studies that characterized (1) aquatic species, communities, and populations, (2) selenium exposure concentrations in water, sediment, dietary items, and (3) physical quality of the Study Area streams. Laboratory studies were conducted to assess responses of two primary management species to selenium exposure and maternal transfer.

The laboratory studies using brown trout and Yellowstone cutthroat trout (YCT) provided the selenium-toxicity response data necessary to derive the SSSC for Hoopes Spring, Sage Creek, and South Fork Sage Creek. Field monitoring studies provided for characterization of the exposure environment, the condition of the aquatic community, and the physical habitat. While the findings of the field monitoring studies are not used directly in the derivation of the proposed SSSC, they do provide additional support for the criterion.

Simplot conducted three laboratory studies to assess the effects of selenium in trout species present in the Study Area. Two reproduction studies evaluated maternal transfer of selenium and its effects on developing young brown trout and YCT. A third study early life stage (ELS) study evaluated the effects of selenium from aqueous and dietary exposure to developing young YCT that had no maternal selenium transfer. A brief description of the brown trout and YCT maternal transfer studies are provided below because of the importance of these studies in developing an SSSC.

The maternal transfer studies evaluated adult reproduction of wild trout from the Study Area and effects on developing young in a controlled laboratory setting. These studies were conducted independently, with one study using brown trout and the second using YCT. Trout were collected from different locations within the Study Area, covering a range of selenium exposure conditions during respective species spawning times. Eggs from females were fertilized in the field and transported to the laboratory for rearing. Method controls for the study were hatchery-raised fish. The full methods and results of these investigations are reported in the *Technical Support Document* (TSD)*: Proposed Site-Specific Selenium Criterion, Sage and Crow Creeks, Idaho* (Formation 2012) and AECOM (2009 and 2012) and summarized in EPA (2021):

- Final Brown Trout Laboratory Reproduction Studies Conducted in Support of Development of a Site-Specific Selenium Criterion (Formation 2011a).
- Yellowstone Cutthroat Trout Adult Laboratory Reproduction Studies for Developing a Site-Specific Criterion (Formation 2011b).
- AECOM - Reproductive Success Study with Brown Trout (Salmo trutta). Data Quality Assurance Report. Final. December 2012.

For both species, the effects of maternal selenium transfer in wild trout were evaluated by collecting eggs from females and milt from adult males from different locations representing a range of selenium exposure. Eggs were fertilized in the field and sent to the laboratory for rearing. Effects analyses evaluated egg selenium concentration versus survival, deformity (abnormalities), and growth endpoints. Data from both studies were submitted to EPA for use in their derivation of the National Criterion (EPA 2021).

While growth was examined, it proved to be an endpoint with minimal relation to egg selenium concentrations. Survival was assessed in both studies for hatch to swim up and hatch to test termination (15 days post swimup) as two phases of each study were implemented. Survival was based on simple counts of live organisms versus the starting number of organisms for each egg batch.

Deformity data were assessed as proportions and developed for dose-response analyses including the following conditions: graduated severity index (GSI) (0) the proportion of fry with no abnormalities (i.e., normal), GSI (0/1) the proportion of fry with GSI scores of zero or one across each of the abnormality categories, and GSI (0/1, ≤1) the proportion of fry with GSI scores of zero or one, with only a single abnormality from one of the four categories. These categories were developed because binary categorization of fry as normal vs. non-normal does not account for baseline levels of abnormalities that occur even at low, background levels of Se exposure when minor abnormalities may exist that do not affect an individual organism's ability to survive or reproduce. When normal fry were considered only those with zero abnormalities, the non-normal rate due to maternal Se exposure is likely overestimated because even at low Se exposure, the abnormality rate is greater than zero.

These studies were published in peer reviewed journals with the brown trout study being published in Covington et al. (2018) and the YCT data being published in Covington et al. (2025).

1.1 Brown Trout

Simplot's brown trout studies were thoroughly vetted through numerous and rigorous evaluations. Analysis of the brown trout data by Simplot (Formation 2017) and EPA (2016)

yielded EC10s for survival of 20.5 and 21.0 milligrams per kilogram dry weight (mg/kg dw) egg/ovary, respectively, using slightly different data sets.[1] Covington et al (2018) published the brown trout study results. The brown trout study utilized over 18,000 fertilized embryos from 12 hatchery maternal parents and 26 wild trout maternal parents. The survival hatch to test termination provided the data set with the best model fit resulting in an EC10 of 20.5 mg/kg dw. Both the GSI (0/1) and (0/1, ≤1) provided reasonable and similar model predictions that indicate the EC10 for deformities is likely between 21.1 and 21.8 mg/kg dw. The predicted EC10 for survival was the more conservative effects threshold and was selected as the primary effects endpoint.

1.2 YCT

Simplot's initial assessment of the effects of selenium exposure on survival and deformities for YCT were concluded to be at some concentration greater than 25 mg/kg dw in eggs. The EPA National Criterion (2021) suggested that the YCT data were highly variable and therefore a clear effect value could not be calculated from these data. EPA (2021) only looked at the data for the survival and deformities endpoints, each independently for the hatch to test end dataset. In their assessment of these data, a no observed effects concentration (NOEC) was suggested based on the individual endpoints up to 30 mg/kg dw in eggs with one treatment or egg batch showing 100 percent mortality at 40 mg/kg dw.

A reassessment of the YCT data was conducted in Covington et al. (2025). Both larval survival and frequency of abnormalities (e.g., deformities) were evaluated from over 17,000 fertilized embryos from either the Henry's Lake Hatchery maternal parent (n= 16) or wild site exposed maternal parents (n = 13). The log-logistic model provided best fit overall for the survival data resulting in a hatch to swim-up EC10 of 35.1 mg/kg dw. The best fit model for abnormalities was a log-logistic model from the hatch to test termination phase (GSI = 0/1) of the study which resulted in an EC10 of 35.24 mg/kg dw. In summary, the best dose-response model for the two endpoints assessed was based on survival (EC10 of 35.1 mg/kg dw). In the abnormality assessment, the importance of accounting for the baseline abnormality rates in control and test populations to avoid bias toward overestimating effect thresholds was uncovered. Use of more biologically relevant and meaningful metrics (i.e., GSI (0/1 or 0/1≤1) allowed for representative dose-response relationships to be developed without overestimating the resulting EC10s derived from the dose-response analyses.

[1] EPA (2021) used the brown trout survival hatch to swim up portion of the data set, while Simplot's reevaluation of the data, using similar methods as EPA but using the survival to test termination portion of the dataset resulted in a slightly lower EC10. Both EPA (2021) and Simplot's reanalysis of the brown trout data utilized EPA's Toxicity Relationship Analysis Program (TRAP) (version 1.30a) (EPA 2013).

1.3 Summary

These analyses indicate that brown trout and YCT responses to selenium exposure are different yet the survival and deformities/abnormalities endpoints yield very similar effects thresholds for each respective species. Brown trout are more sensitive in their response to maternally accumulated selenium and its effects on developing young than are YCT. This finding is consistent with studies that have utilized several different trout species indicating sensitivity differences among similar species (e.g., Hardy 2005, Hardy et al. 2010, Rudolph et al. 2008, Nautilus Environmental 2011, Holm et al. 2005).

1.4 References

AECOM (2009). Reproductive success study with Yellowstone cutthroat trout (*Oncorhynchus clarkii*). Prepared by AECOM, Denver, CO, USA. Report for JR Simplot Company, Pocatello, ID, USA.

AECOM (2012). Reproductive success study with brown trout (*Salmo trutta*). Final Data Quality Assurance Report. AECOM, Denver, CO for JR Simplot Company, Pocatello, ID.

Covington, S.M., Naddy, R.B., Prouty, A.L., & Werner, S.A. (2018). Effects of in-situ selenium exposure and maternal transfer on survival and deformities of brown trout (*Salmo trutta*) Fry. Environ Toxicol Chem, 37(5):1396-1408.

Covington, S.M., Naddy, R.B., Prouty, A.L., Petach, M., and S. Schemda (2025). Effects of in situ selenium exposure and maternal transfer on survival and abnormalities of Yellowstone cutthroat trout (*Oncorhynchus clarkii bouvieri*) fry. Integr Environ Assess Manag, 21(3):674-687.

United States Environmental Protection Agency (EPA) (2016). Aquatic life ambient water quality criterion for selenium – Freshwater 2016. US Environmental Protection Agency, Office of Water and Office of Science and Technology, Washington, DC, USA. EPA 822-R-16-006.

EPA (2021). 2021 Revision to aquatic life ambient water quality criterion for selenium – Freshwater 2016. US Environmental Protection Agency, Office of Water and Office of Science and Technology, Washington, DC, USA. EPA 822-R-21-006.

Formation Environmental (Formation) (2011a). Final Brown Trout Laboratory Reproduction Studies Conducted in Support of Development of a Site-Specific Selenium Criterion. Prepared for J.R. Simplot Company. October 2011.

Formation (2011b). Yellowstone cutthroat trout adult laboratory reproduction studies for developing a site-specific selenium criterion. Formation Environmental, Austin, TX, USA. Report for JR Simplot Company, Smoky Canyon Mine, Pocatello, ID, USA.

Formation (2012). Technical Support Document: Proposed Site-Specific Selenium Criterion, Sage and Crow Creeks, Idaho. Prepared for J.R. Simplot Company, Boise, Idaho.

Formation Environmental (2017). Proposed site-specific selenium criterion for Hoopes spring, Sage creek, and Crow creek near the Smoky Canyon Mine. Prepared for J.R. Simplot Company, Boise, ID.

Hardy, R.W. (2005). Effects of dietary selenium on cutthroat trout (*Oncorhynchus clarkii*) growth and reproductive performance. Report for Montgomery Watson Harza, Broomfield, CO, USA.

Hardy, R.W., Oram, L., & Möller, G. (2010). Effects of dietary selenomethionine on cutthroat trout (*Oncorhynchus clarki bouvieri*) growth and reproductive performance over a life cycle. Arch Environ Contam Toxicol 58:237–245.

Holm, J., Palace, V.P., Siwik, P., Sterling, G., Evans, R., Baron, C., Werner, J., & Wautier, K. (2005). Developmental effects of bioaccumulated selenium in eggs and larvae of two salmonid species. Environ Toxicol Chem 24:2373–2381.

Nautilus Environmental. (2011). Evaluation of the effects of selenium on early life stage development of Westslope cutthroat trout in the Elk Valley, BC. Nautilus Environmental, San Diego, CA, USA. Draft revised report for Elk Valley Selenium Task Force, Sparwood, BC, Canada.

Rudolph, B.L., Andreller, I., & Kennedy, C. (2008). Reproductive success, early life stage development, and survival of Westslope cutthroat trout (*Oncorhynchus clarki lewisi*) exposed to elevated selenium in an area of active coal mining. Environ Sci Technol 42:3109–3114.

APPENDIX B - RAW DATA

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT010	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT011	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT002	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT001	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT003	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT006	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT005	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT007	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT008	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT004	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT012	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT009	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT013	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	76	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT018	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT016	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	76.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT014	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	78	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT020	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	77.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT019	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT015	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT017	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT014	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	27.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT001	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT019	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT003	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT002	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	21.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT020	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	25.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT010	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	17.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT004	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	14.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT006	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	27.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT011	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	17.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT005	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT008	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	13.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT012	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT007	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	45.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT016	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT013	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT009	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	21.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT018	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT015	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT017	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT001	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT010	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT005	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT012	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT008	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT019	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT009	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT007	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT011	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT002	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT013	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT003	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT015	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT004	9/10/2018	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT016	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	23.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT006	9/10/2018	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT017	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT014	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	22	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT018	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-FT020	9/10/2018	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	22.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT001	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT007	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	76.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT012	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT002	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT003	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT013	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.9	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT006	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	76	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT004	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT014	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT011	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT008	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT015	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT009	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT016	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	75.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT017	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT005	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT010	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT003	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	40.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT001	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT006	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	29.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT002	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT004	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT008	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT005	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	25.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT013	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	28.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT009	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT010	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	17.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT016	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Metals	Selenium	14.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT007	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT011	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	31	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT012	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	27.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT014	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT015	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	25.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT017	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Metals	Selenium	18.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT003	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT001	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT007	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	23.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT002	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT010	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT008	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT011	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT009	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT017	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	24.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT012	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT014	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT015	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT004	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT006	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT005	9/11/2018	10:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT013	9/11/2018	10:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-FT016	9/11/2018	10:15	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	24.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT003	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT005	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT012	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT017	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT018	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT020	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT001	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT004	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT006	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT015	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT002	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT007	9/9/2019	13:00	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT011	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT013	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT014	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT019	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT016	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT001	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	19.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT002	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	32.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT004	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	18.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT005	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	26	mg/kg	Dry				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT002	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	27	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT001	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	19.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT011	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT004	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT003	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	27.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT012	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	28	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT003	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22	mg/kg	Dry			J	J
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT005	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	27.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT011	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT012	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT014	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	44.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT006	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT015	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT013	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT015	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT007	9/9/2019	13:00	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT014	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	39.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT017	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	15.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT013	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT016	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	22.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT019	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	31	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT018	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT020	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	37.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT001	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT003	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT002	9/9/2019	10:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT011	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT004	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT018	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT005	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT013	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT014	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT006	9/9/2019	12:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT020	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT007	9/9/2019	13:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT015	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT012	9/9/2019	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT019	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT016	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-FT017	9/9/2019	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT001	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	76.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT004	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT003	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT013	9/10/2019	4:04	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT007	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT017	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT015	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT005	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	77.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT020	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT006	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT014	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT016	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT002	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT011	9/10/2019	14:04	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT012	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT018	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT019	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	69.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT002	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT001	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT001	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	17.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT002	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	25	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT005	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	29.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT004	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT004	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT011	9/10/2019	14:04	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	39.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT007	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	18.1	mg/kg	Dry				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT005	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	26.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT013	9/10/2019	4:04	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	28.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT011	9/10/2019	14:04	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	41.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT014	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT014	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT017	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT015	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT018	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	15	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT016	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT019	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16.6	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT020	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT003	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.2	mg/kg	Dry			J	J
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT003	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	25.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT006	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT012	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT012	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	30.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT013	9/10/2019	4:04	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	32.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT015	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	25.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT006	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT014	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT017	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT002	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT004	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT005	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	22.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT003	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT007	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT011	9/10/2019	14:04	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT015	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT012	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT016	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT020	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT001	9/10/2019	14:04	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	23.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT013	9/10/2019	4:04	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT018	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-FT019	9/10/2019	14:04	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	30.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT003	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT006	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	71.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT001	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT007	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT009	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	64.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT008	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	61.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT005	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	45.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT012	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	73.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT010	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	67.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT002	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT004	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT011	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	70.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT004	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	17.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT005	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT010	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	20.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT008	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	26.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT011	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Metals	Selenium	21.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT009	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT012	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT001	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	21.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT003	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	17.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT002	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	21	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT006	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT007	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	24.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT004	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT006	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	28.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT007	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT010	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	32.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT011	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	29.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT012	9/1/2020	11:25	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	26.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT003	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.4	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT005	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	54.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT001	9/1/2020	11:25	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT002	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT008	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	38.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-FT009	9/1/2020	11:25	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	35.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT005	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT008	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	61.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT009	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT002	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT011	9/2/2020	10:35	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	71.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT012	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT018	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	70.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT001	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	72.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT004	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT003	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT007	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	68.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT006	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT014	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT010	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	66.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT013	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT015	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT016	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT017	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	70.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT001	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	26	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT007	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT003	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT008	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	14.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT012	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT009	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT015	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT010	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	14.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT002	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	25.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT018	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT014	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	18.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT004	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT016	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT005	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	31.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT006	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	19.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT011	9/2/2020	10:35	FT	Tissue	Brook Trout	Lab	Metals	Selenium	23.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT013	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	22.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT017	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT002	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT006	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	30	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT016	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT017	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	29.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT010	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	33.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT018	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	29.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT001	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	27.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT003	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT005	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT004	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT007	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	31.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT014	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT008	9/2/2020	10:35	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	38.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT009	9/2/2020	10:35	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT011	9/2/2020	10:35	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	28.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT012	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	27.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT013	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-FT015	9/2/2020	10:35	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT001	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT002	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT007	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	72	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT003	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT004	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT006	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT008	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.9	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT005	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT009	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT013	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	54.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT011	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT010	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT012	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT014	8/31/2021	10:20	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	73.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT015	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT003	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	26.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT005	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	22.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT001	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT002	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	28.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT009	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	41.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT008	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT006	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT004	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	26.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT010	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	27.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT011	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	36	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT007	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	40.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT012	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT013	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT015	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT014	8/31/2021	10:20	FT	Tissue	Brook Trout	Lab	Metals	Selenium	24.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT005	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT006	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT002	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT001	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT008	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT011	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT003	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT004	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT007	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	28	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT012	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT009	8/31/2021	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT013	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	45.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT010	8/31/2021	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT015	8/31/2021	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-FT014	8/31/2021	10:20	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	26.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT008	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT002	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT003	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT006	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT004	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT001	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT005	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	71.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT007	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT009	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT010	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT011	9/3/2021	9:45	FT	Tissue	Yellowstone Cutthroa	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT001	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	21.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT004	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT002	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	29.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT005	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	29.6	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT006	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT007	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	25.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT010	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	30.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT008	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	22	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT003	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT009	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT011	9/3/2021	9:45	FT	Tissue	Yellowstone Cutthroa	Lab	Metals	Selenium	17.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT001	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT006	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT009	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT010	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT011	9/3/2021	9:45	FT	Tissue	Yellowstone Cutthroa	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT002	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.5	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT003	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT004	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT007	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT008	9/3/2021	9:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-FT005	9/3/2021	9:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	28.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT004	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT007	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT008	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT001	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT013	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT005	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT009	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	72.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT012	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT003	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT006	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT011	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT016	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	72.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT002	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT010	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT014	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	74.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT015	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT001	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Metals	Selenium	36.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT002	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Metals	Selenium	30.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT012	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	28.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT005	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	27.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT006	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	30.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT007	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	30	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT008	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	27.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT016	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Metals	Selenium	26.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT003	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Metals	Selenium	29.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT004	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	25.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT009	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT010	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	29.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT011	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	38.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT013	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	35.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT014	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Metals	Selenium	27.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT015	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Metals	Selenium	24.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT004	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT002	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT005	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT007	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT006	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT010	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT011	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT013	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT012	9/8/2022	10:22	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT015	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT001	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT016	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	27.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT008	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT009	9/8/2022	10:22	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT003	9/8/2022	10:22	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-FT014	9/8/2022	10:22	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	25.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT004	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT005	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT009	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT008	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT003	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT010	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT007	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT011	9/9/2022	9:50	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	76.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT021	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT023	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT026	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT024	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	70.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT030	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72.8	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT001	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT002	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT006	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT022	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT025	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT027	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	70.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT028	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT029	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT001	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	27.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT006	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT002	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT008	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT005	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	23.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT007	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT010	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	24.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT003	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT004	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	22.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT009	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	48.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT011	9/9/2022	9:50	FT	Tissue	Brook Trout	Lab	Metals	Selenium	27.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT003	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT008	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT009	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT011	9/9/2022	9:50	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	23.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT002	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT027	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	29.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT006	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT001	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT010	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT022	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT021	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT023	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT024	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	29.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT028	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT025	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT029	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	27.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT026	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT030	9/9/2022	9:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	27.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT004	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT005	9/9/2022	9:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-FT007	9/9/2022	9:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT003	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT004	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	41.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT001	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	35.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT006	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	28.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT005	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	26	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT011	9/9/2023	10:00	FT	Tissue	Brook Trout	Lab	Metals	Selenium	36.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT002	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	30.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT007	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	37	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT010	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT008	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	20.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT009	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	32.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT002	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT010	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT001	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT003	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT029	9/9/2023	10:00	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	20.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT006	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT011	9/9/2023	10:00	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	24.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT004	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT005	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	23.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT007	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT008	9/9/2023	10:00	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-FT009	9/9/2023	10:00	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT003	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	28	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT007	9/16/2023	10:50	FT	Tissue	Brook Trout	Lab	Metals	Selenium	26.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT002	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	23.5	mg/kg	Dry				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT004	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	34.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT005	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	23.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT001	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	22.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT006	9/16/2023	10:50	FT	Tissue	Brook Trout	Lab	Metals	Selenium	24.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT001	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT002	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT021	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	22.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT022	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	22.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT025	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	23.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT005	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT004	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT006	9/16/2023	10:50	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	26.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT026	9/16/2023	10:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	22	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT003	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	21.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT007	9/16/2023	10:50	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	28.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT023	9/16/2023	10:50	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	22.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT024	9/16/2023	10:50	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT027	9/16/2023	10:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	21.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-FT028	9/16/2023	10:50	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	21.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT001	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT007	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT008	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT002	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT010	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT003	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	72.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT016	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	71.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT005	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	72.7	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT014	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT004	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT015	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT006	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT009	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.6	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT011	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT012	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT013	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT017	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT004	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	16	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT005	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	21.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT001	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	27.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT002	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	16.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT010	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	14.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT016	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Metals	Selenium	15.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT012	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT013	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT017	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Metals	Selenium	13.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT003	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT006	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	27.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT007	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT008	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	21.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT009	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT011	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	15.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT014	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT015	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Metals	Selenium	15.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT001	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.66	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT003	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	27.59	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT011	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.98	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT002	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	28.58	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT014	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.15	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT007	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.58	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT004	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.88	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT015	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.04	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT006	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.86	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT010	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.39	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT005	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	27.35	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT008	9/4/2024	11:30	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.72	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT009	9/4/2024	11:30	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.36	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT012	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.17	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT013	9/4/2024	11:30	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.81	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT016	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	28.68	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-FT017	9/4/2024	11:30	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	28.58	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT001	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT007	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT009	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	68.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT013	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT005	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT014	9/8/2024	10:20	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	69.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT008	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT012	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT002	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT003	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT004	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT006	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT010	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	74.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT011	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT015	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT007	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	17.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT012	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.2	mg/kg	Dry		J		J
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT001	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	23.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT013	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT003	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	12.6	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT002	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	19.6	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT004	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	14.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT006	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	24.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT005	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT015	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	16.3	mg/kg	Dry		J		J
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT008	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	24.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT011	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Metals	Selenium	19.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT009	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	12.8	mg/kg	Dry		J-		J-
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT010	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	18.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT014	9/8/2024	10:20	FT	Tissue	Brook Trout	Lab	Metals	Selenium	12.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT005	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT027	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	23.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT028	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT010	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	25.88	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT001	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.55	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT030	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	23.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT015	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.06	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT002	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.33	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT022	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	19.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT004	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.21	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT025	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	21.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT007	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.66	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT026	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT011	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.83	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT029	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	24.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT013	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.81	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT014	9/8/2024	10:20	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	30.55	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT024	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	19.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT003	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	26.11	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT006	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.92	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT008	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT009	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	31.85	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT012	9/8/2024	10:20	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	26.04	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT021	9/8/2024	10:20	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	19.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-FT023	9/8/2024	10:20	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	21.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT005	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT006	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT011	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	78	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT002	9/10/2025	11:15	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	72.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT015	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.4	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT009	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT001	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72.2	%	Wet				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT016	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT012	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.8	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT008	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	76.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT013	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	72.3	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT010	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.1	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT003	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	77.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT004	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	77.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT007	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	73	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT014	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	71.5	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT001	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	17.8	mg/kg	Dry		J		J
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT012	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	27	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT009	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	23.8	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT002	9/10/2025	11:15	FT	Tissue	Brook Trout	Lab	Metals	Selenium	21.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT013	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	21.6	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT004	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	29.4	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT014	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	19	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT005	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	17	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT006	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	26.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT015	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	25.2	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT003	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	37.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT007	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	20.9	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT008	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	29.7	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT010	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22.1	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT011	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	37.5	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT016	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Metals	Selenium	19.3	mg/kg	Dry				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT003	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	22.85	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT013	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	27.72	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT001	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	27.81	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT016	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.81	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT007	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	27.01	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT002	9/10/2025	11:15	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	27.86	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT010	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.89	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT004	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	22.49	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT005	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.18	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT006	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.48	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT008	9/10/2025	11:15	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	23.73	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT009	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.12	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT011	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	21.99	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT012	9/10/2025	11:15	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.2	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT014	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.55	%	Wet				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-FT015	9/10/2025	11:15	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	28.59	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT001	9/14/2025	10:45	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	70.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT009	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	71.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT002	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Moisture Content	75.5	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT013	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT004	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT003	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.2	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT005	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.3	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT007	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.1	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT006	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	75.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT016	9/14/2025	10:50	FT	Tissue	Brook Trout	Lab	Physical	Moisture Content	73.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT008	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	76.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT010	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT014	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT015	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT011	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Moisture Content	73.9	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT012	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Moisture Content	74.6	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT010	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	16.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT013	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT014	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20.2	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT006	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.1	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT007	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	33.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT003	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	20.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT009	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	16.9	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT004	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.6	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT011	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	22.3	mg/kg	Dry				

Fish Tissue Data - Lower Crow Creek

StationName	StnDescription	SampleName	SampleDate	SampleTime	Media	Matrix	Species	LabOrFi	AnalysisGroup	Analyte	Result	Unit	Basis	LabQualifier	ReviewQualifie	ValQualifi	FinalQualifier
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT008	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	25.5	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT012	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Metals	Selenium	20	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT015	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Metals	Selenium	23.4	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT016	9/14/2025	10:50	FT	Tissue	Brook Trout	Lab	Metals	Selenium	23.3	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT001	9/14/2025	10:45	FT	Tissue	Brook Trout	Lab	Metals	Selenium	13.3	mg/kg	Dry		J+		J+
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT002	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Metals	Selenium	27.7	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT005	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Metals	Selenium	17.8	mg/kg	Dry				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT006	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.58	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT007	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.88	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT009	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	28.06	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT013	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.8	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT015	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.17	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT010	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.27	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT001	9/14/2025	10:45	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	29.93	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT003	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.83	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT005	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	24.7	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT011	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	26.09	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT016	9/14/2025	10:50	FT	Tissue	Brook Trout	Lab	Physical	Solids, Percent	26.44	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT002	9/14/2025	10:45	FT	Tissue	Paiute Sculpin	Lab	Physical	Solids, Percent	24.47	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT004	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	25.72	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT008	9/14/2025	10:45	FT	Tissue	Mottled Sculpin	Lab	Physical	Solids, Percent	23.43	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT012	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.4	%	Wet				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-FT014	9/14/2025	10:45	FT	Tissue	Brown Trout	Lab	Physical	Solids, Percent	25.3	%	Wet				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	3.80E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	UT	Calcium, Total	61.4	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Chromium, Dissolved	0.0003	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	Conductivity at 25 C	651	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-Q	11/15/2017	9:50	SW	Water	Field	Flow	UT	Flow	50.43813	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Physical	UT	Hardness, Total	226	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	UT	Magnesium, Total	17.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0218	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Nickel, Dissolved	0.0002	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	ORP	156.3	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.88	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	pH	8.19	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0207	mg/L				J
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	UT	Selenium, Total	0.0216	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	General Cl	UT	Sulfate	34.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Physical	UT	TDS	345	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	Temperature	3.02	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001-F	11/15/2017	9:50	SW	Water	Field	Physical	UT	Turbidity	6	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1117-CC1A-SW001	11/15/2017	9:50	SW	Water	Lab	Metals	FD	Zinc, Dissolved	0.0011	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	UT	Calcium, Total	61.4	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Chromium, Dissolved	0.0004	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-Q	5/17/2018	11:30	SW	Water	Field	Flow	UT	Flow	113.655	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Physical	UT	Hardness, Total	217	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	UT	Magnesium, Total	15.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0189	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Nickel, Dissolved	0.0005	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-F	5/17/2018	11:30	SW	Water	Field	Physical	UT	ORP	-4.8	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-F	5/17/2018	11:30	SW	Water	Field	Physical	UT	Oxygen, Dissolved	18.07	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-F	5/17/2018	11:30	SW	Water	Field	Physical	UT	pH	8.41	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.008	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	UT	Selenium, Total	0.0081	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	General Cl	UT	Sulfate	21.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Physical	UT	TDS	279	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-F	5/17/2018	11:30	SW	Water	Field	Physical	UT	Temperature	10	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Physical	UT	TSS	9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001-F	5/17/2018	11:30	SW	Water	Field	Physical	UT	Turbidity	9.89	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0518-CC1A-SW001	5/17/2018	11:30	SW	Water	Lab	Metals	FD	Zinc, Dissolved	0.0027	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	187	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	179	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Metals	UT	Calcium, Total	59	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	7.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	Conductivity at 25 C	509	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-Q	8/7/2018	16:45	SW	Water	Field	Flow	UT	Flow	41.158	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Physical	UT	Hardness, Total	225	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Metals	UT	Magnesium, Total	19	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	ORP	131.3	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.16	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	pH	8.79	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.02	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0169	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	Metals	UT	Selenium, Total	0.0166	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001	8/7/2018	16:00	SW	Water	Lab	General Cl	UT	Sulfate	33.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	Temperature	17.9	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0818-CC1A-SW001-F	8/7/2018	16:00	SW	Water	Field	Physical	UT	Turbidity	0.87	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	192	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	192	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Metals	UT	Calcium, Total	56.8	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	Conductivity at 25 C	524	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-Q	8/7/2018	16:20	SW	Water	Field	Flow	UT	Flow	42.748	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Physical	UT	Hardness, Total	218	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Metals	UT	Magnesium, Total	18.5	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	ORP	117.7	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.37	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	pH	8.75	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.014	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.016	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	Metals	UT	Selenium, Total	0.0168	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001	8/7/2018	15:20	SW	Water	Lab	General Cl	UT	Sulfate	33.1	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	Temperature	17.6	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0818-CC3A-SW001-F	8/7/2018	15:20	SW	Water	Field	Physical	UT	Turbidity	2.6	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	Conductivity at 25 C	504	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-Q	9/10/2018	11:22	SW	Water	Field	Flow	UT	Flow	51	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	ORP	214.5	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.35	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	pH	8.15	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	Temperature	9.5	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0918-CC1A-SW001-F	9/10/2018	8:00	SW	Water	Field	Physical	UT	Turbidity	3.5	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	Conductivity at 25 C	513	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-Q	9/11/2018	14:00	SW	Water	Field	Flow	UT	Flow	50	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	ORP	215.6	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.35	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	pH	8.26	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	Temperature	9.5	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0918-CC3A-SW001-F	9/11/2018	8:00	SW	Water	Field	Physical	UT	Turbidity	4.31	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	UT	Calcium, Total	63.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Chromium, Dissolved	0.0002	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	Conductivity at 25 C	559	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-Q	10/24/2018	10:35	SW	Water	Field	Flow	UT	Flow	45.819	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Physical	UT	Hardness, Total	235	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	UT	Magnesium, Total	18.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0221	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Nickel, Dissolved	0.0008	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	ORP	135.2	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.52	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	pH	8.5	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0144	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	UT	Selenium, Total	0.0142	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	General Cl	UT	Sulfate	35.4	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Physical	UT	TDS	309	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	Temperature	6	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001-F	10/24/2018	10:35	SW	Water	Field	Physical	UT	Turbidity	7.422	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1018-CC1A-SW001	10/24/2018	10:35	SW	Water	Lab	Metals	FD	Zinc, Dissolved	0.0027	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	UT	Calcium, Total	62.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Chromium, Dissolved	0.0002	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	Conductivity at 25 C	553	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-Q	5/22/2019	10:20	SW	Water	Field	Flow	UT	Flow	93.04	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Physical	UT	Hardness, Total	220	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	UT	Magnesium, Total	15.8	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0229	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Nickel, Dissolved	0.0005	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	ORP	144.4	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.67	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	pH	8.3	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0074	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	UT	Selenium, Total	0.0071	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	General Cl	UT	Sulfate	24.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Physical	UT	TDS	384	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	Temperature	7.3	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Physical	UT	TSS	24	mg/L				J
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001-F	5/22/2019	10:20	SW	Water	Field	Physical	UT	Turbidity	11.5	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0519-CC1A-SW001	5/22/2019	10:20	SW	Water	Lab	Metals	FD	Zinc, Dissolved	0.0027	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	200	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	190	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Metals	UT	Calcium, Total	59.1	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	9.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	Conductivity at 25 C	534	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-Q	8/14/2019	10:45	SW	Water	Field	Flow	UT	Flow	44.93	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Physical	UT	Hardness, Total	219	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Metals	UT	Magnesium, Total	17.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.092	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	ORP	164.9	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.83	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	pH	8.39	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.03	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.015	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	Metals	UT	Selenium, Total	0.0152	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001	8/14/2019	10:45	SW	Water	Lab	General Cl	UT	Sulfate	32.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	Temperature	12.4	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0819-CC1A-SW001-F	8/14/2019	10:45	SW	Water	Field	Physical	UT	Turbidity	3.12	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	194	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	187	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Metals	UT	Calcium, Total	59.8	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	7.2	mg/L			J	
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	Conductivity at 25 C	546	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-Q	8/14/2019	9:50	SW	Water	Field	Flow	UT	Flow	40.52	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Physical	UT	Hardness, Total	223	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Metals	UT	Magnesium, Total	17.9	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.053	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	ORP	160	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.84	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	pH	8.42	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.031	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0139	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	Metals	UT	Selenium, Total	0.0126	mg/L			J	
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001	8/14/2019	9:50	SW	Water	Lab	General Cl	UT	Sulfate	33	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	Temperature	12.6	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0819-CC3A-SW001-F	8/14/2019	9:50	SW	Water	Field	Physical	UT	Turbidity	2.6	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	Conductivity at 25 C	612	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-Q	9/9/2019	8:25	SW	Water	Field	Flow	UT	Flow	51	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	ORP	157.4	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	pH	8.36	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	Temperature	9.2	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0919-CC1A-SW001-F	9/9/2019	8:25	SW	Water	Field	Physical	UT	Turbidity	4.49	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	Conductivity at 25 C	550	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-Q	9/10/2019	13:31	SW	Water	Field	Flow	UT	Flow	50	cfs				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	ORP	239.1	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.95	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	pH	8.78	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	Temperature	13.7	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0919-CC3A-SW001-F	9/10/2019	13:31	SW	Water	Field	Physical	UT	Turbidity	2.51	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	UT	Calcium, Total	59.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Chromium, Dissolved	0.0003	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	Conductivity at 25 C	426.2	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-Q	11/6/2019	13:45	SW	Water	Field	Flow	UT	Flow	40.8	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Physical	UT	Hardness, Total	224	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	UT	Magnesium, Total	18.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0226	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Nickel, Dissolved	0.0006	mg/L		J		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	ORP	224.8	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	Oxygen, Dissolved	13.35	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	pH	8.66	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0153	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	UT	Selenium, Total	0.0144	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	General Cl	UT	Sulfate	32.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Physical	UT	TDS	358	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	Temperature	5.4	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001-F	11/6/2019	13:45	SW	Water	Field	Physical	UT	Turbidity	2.65	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1119-CC1A-SW001	11/6/2019	13:45	SW	Water	Lab	Metals	FD	Zinc, Dissolved	0.002	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	UT	Calcium, Total	60	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	Conductivity at 25 C	498.2	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-Q	5/13/2020	13:40	SW	Water	Field	Flow	UT	Flow	172	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Physical	UT	Hardness, Total	209	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	UT	Magnesium, Total	14.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0177	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.11	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	ORP	161.5	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	pH	8.37	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.00569	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Metals	UT	Selenium, Total	0.00642	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	General Cl	UT	Sulfate	19.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Physical	UT	TDS	303	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	Temperature	9.3	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001	5/13/2020	13:40	SW	Water	Lab	Physical	UT	TSS	9	mg/L				J+
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0520-CC1A-SW001-F	5/13/2020	13:40	SW	Water	Field	Physical	UT	Turbidity	14.07	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	UT	Calcium, Total	56.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	Conductivity at 25 C	440.7	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-Q	8/18/2020	11:05	SW	Water	Field	Flow	UT	Flow	43.86	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Physical	UT	Hardness, Total	215	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	UT	Magnesium, Total	17.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0241	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.075	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	ORP	236	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.49	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	pH	8.43	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0206	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Metals	UT	Selenium, Total	0.0206	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	General Cl	UT	Sulfate	31.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Physical	UT	TDS	281	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	Temperature	13.8	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001	8/18/2020	11:05	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0820-CC1A-SW001-F	8/18/2020	11:05	SW	Water	Field	Physical	UT	Turbidity	2	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	UT	Calcium, Total	52.7	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	Conductivity at 25 C	507	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-Q	8/18/2020	10:05	SW	Water	Field	Flow	UT	Flow	44.57	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Physical	UT	Hardness, Total	201	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	UT	Magnesium, Total	16.9	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0168	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	ORP	198	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.6	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	pH	8.5	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0185	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Metals	UT	Selenium, Total	0.0183	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	General Cl	UT	Sulfate	30.5	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Physical	UT	TDS	276	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	Temperature	14	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001	8/18/2020	10:05	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0820-CC3A-SW001-F	8/18/2020	10:05	SW	Water	Field	Physical	UT	Turbidity	2.79	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-Q	9/1/2020	17:10	SW	Water	Field	Flow	UT	Flow	42.3	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	Conductivity at 25 C	552	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-Q	9/1/2020	12:07	SW	Water	Field	Flow	UT	Flow	44.13	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	ORP	120.4	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.7	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	pH	8.39	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	Temperature	7.9	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0920-CC3A-SW001-F	9/1/2020	9:19	SW	Water	Field	Physical	UT	Turbidity	3.53	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	Conductivity at 25 C	543	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	ORP	118.6	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.63	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	pH	8.23	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	Temperature	9.2	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0920-CC1A-SW001-F	9/2/2020	8:26	SW	Water	Field	Physical	UT	Turbidity	7.4	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	UT	Calcium, Total	61.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	Conductivity at 25 C	556	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-Q	11/5/2020	9:50	SW	Water	Field	Flow	UT	Flow	39.45	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Physical	UT	Hardness, Total	232	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	UT	Magnesium, Total	18.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0167	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.088	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	ORP	206.4	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.86	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	pH	8.47	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0164	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Metals	UT	Selenium, Total	0.017	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	General Cl	UT	Sulfate	33.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Physical	UT	TDS	285	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	Temperature	4.4	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001	11/5/2020	9:50	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1120-CC1A-SW001-F	11/5/2020	9:50	SW	Water	Field	Physical	UT	Turbidity	1.82	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	UT	Calcium, Total	60	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	Conductivity at 25 C	526	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-Q	5/21/2021	10:14	SW	Water	Field	Flow	UT	Flow	40.62	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Physical	UT	Hardness, Total	223	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	UT	Magnesium, Total	17.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0343	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	ORP	127.5	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.62	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	pH	8.29	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0125	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Metals	UT	Selenium, Total	0.013	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	General Cl	UT	Sulfate	25.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Physical	UT	TDS	308	mg/L			J	
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	Temperature	10	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001	5/21/2021	10:20	SW	Water	Lab	Physical	UT	TSS	5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0521-CC1A-SW001-F	5/21/2021	10:20	SW	Water	Field	Physical	UT	Turbidity	8.79	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	200	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	200	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Metals	UT	Calcium, Total	56.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	Conductivity at 25 C	510	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-Q	8/31/2021	8:35	SW	Water	Field	Flow	UT	Flow	32	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Physical	UT	Hardness, Total	218	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Metals	UT	Magnesium, Total	18.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	ORP	120.8	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.39	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	pH	8.14	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0141	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0193	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	Metals	UT	Selenium, Total	0.0216	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001	8/31/2021	10:35	SW	Water	Lab	General Cl	UT	Sulfate	31.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	Temperature	9.5	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0821-CC1A-SW001-F	8/31/2021	8:35	SW	Water	Field	Physical	UT	Turbidity	2.63	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	197	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	197	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Metals	UT	Calcium, Total	55.2	mg/L			J	
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	Conductivity at 25 C	596	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-Q	9/3/2021	8:15	SW	Water	Field	Flow	UT	Flow	36	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Physical	UT	Hardness, Total	213	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Metals	UT	Magnesium, Total	18.2	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	ORP	130.8	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.29	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	pH	8.24	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0273	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0166	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	Metals	UT	Selenium, Total	0.0199	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001	9/3/2021	8:30	SW	Water	Lab	General Cl	UT	Sulfate	33.1	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	Temperature	10.8	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0821-CC3A-SW001-F	9/3/2021	8:15	SW	Water	Field	Physical	UT	Turbidity	6.04	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	UT	Calcium, Total	62.1	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	Conductivity at 25 C	580	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-Q	11/10/2021	9:45	SW	Water	Field	Flow	UT	Flow	35.23	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Physical	UT	Hardness, Total	232	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	UT	Magnesium, Total	18.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.022	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.151	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	ORP	178.7	mV				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.92	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	pH	8.52	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0118	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Metals	UT	Selenium, Total	0.0131	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	General Cl	UT	Sulfate	34.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Physical	UT	TDS	335	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	Temperature	3.9	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001	11/10/2021	9:45	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1121-CC1A-SW001-F	11/10/2021	9:45	SW	Water	Field	Physical	UT	Turbidity	1.62	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	UT	Calcium, Total	57.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	Conductivity at 25 C	498	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-Q	5/19/2022	10:55	SW	Water	Field	Flow	UT	Flow	68.5	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Physical	UT	Hardness, Total	207	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	UT	Magnesium, Total	15.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0265	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	ORP	160.6	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.81	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	pH	8.29	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.00669	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Metals	UT	Selenium, Total	0.00772	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	General Cl	UT	Sulfate	23	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Physical	UT	TDS	295	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	Temperature	8.5	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001	5/19/2022	10:55	SW	Water	Lab	Physical	UT	TSS	13	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0522-CC1A-SW001-F	5/19/2022	10:55	SW	Water	Field	Physical	UT	Turbidity	10.04	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	UT	Calcium, Total	55.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	Conductivity at 25 C	508	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-Q	8/10/2022	10:30	SW	Water	Field	Flow	UT	Flow	32.01	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Physical	UT	Hardness, Total	213	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	UT	Magnesium, Total	17.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0327	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	ORP	172.8	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.66	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	pH	8.33	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0172	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Metals	UT	Selenium, Total	0.0187	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	General Cl	UT	Sulfate	30.4	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Physical	UT	TDS	282	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	Temperature	14.7	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001	8/10/2022	10:30	SW	Water	Lab	Physical	UT	TSS	5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0822-CC1A-SW001-F	8/10/2022	10:30	SW	Water	Field	Physical	UT	Turbidity	1.46	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	UT	Calcium, Total	55.6	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	Conductivity at 25 C	539	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-Q	8/10/2022	9:40	SW	Water	Field	Flow	UT	Flow	36.26	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Physical	UT	Hardness, Total	214	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	UT	Magnesium, Total	18.2	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0229	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	ORP	145.8	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.93	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	pH	8.22	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0167	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Metals	UT	Selenium, Total	0.0172	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	General Cl	UT	Sulfate	32.7	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Physical	UT	TDS	303	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	Temperature	15.1	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001	8/10/2022	9:40	SW	Water	Lab	Physical	UT	TSS	5	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0822-CC3A-SW001-F	8/10/2022	9:40	SW	Water	Field	Physical	UT	Turbidity	1.75	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-Q	9/8/2022	8:30	SW	Water	Field	Flow	UT	Flow	31	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-F	9/8/2022	8:30	SW	Water	Field	Physical	UT	ORP	110.4	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-F	9/8/2022	8:30	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.03	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-F	9/8/2022	8:30	SW	Water	Field	Physical	UT	pH	8.14	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-F	9/8/2022	8:30	SW	Water	Field	Physical	UT	Temperature	13	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0922-CC1A-SW001-F	9/8/2022	8:30	SW	Water	Field	Physical	UT	Turbidity	3.39	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	Conductivity at 25 C	520	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-Q	9/9/2022	8:55	SW	Water	Field	Flow	UT	Flow	33	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	ORP	204.5	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.9	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	pH	8.24	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	Temperature	10.6	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0922-CC3A-SW001-F	9/9/2022	8:55	SW	Water	Field	Physical	UT	Turbidity	3.26	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	UT	Calcium, Total	60	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	Conductivity at 25 C	541	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-Q	10/26/2022	11:56	SW	Water	Field	Flow	UT	Flow	33.95	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Physical	UT	Hardness, Total	227	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	UT	Magnesium, Total	18.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0276	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.101	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	ORP	181.3	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	Oxygen, Dissolved	11.08	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	pH	8.5	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0147	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Metals	UT	Selenium, Total	0.0143	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	General Cl	UT	Sulfate	36.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Physical	UT	TDS	307	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	Temperature	3.3	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1022-CC1A-SW001	10/26/2022	11:56	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SCM1022-CC1A-SW001-F	10/26/2022	11:56	SW	Water	Field	Physical	UT	Turbidity	2.75	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	UT	Calcium, Total	64.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	Conductivity at 25 C	488.8	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-Q	6/11/2023	10:15	SW	Water	Field	Flow	UT	Flow	138.95	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Physical	UT	Hardness, Total	224	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	UT	Magnesium, Total	15.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0384	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.088	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	ORP	210.2	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.75	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	pH	8.17	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.00863	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Metals	UT	Selenium, Total	0.00893	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	General Cl	UT	Sulfate	20.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Physical	UT	TDS	290	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	Temperature	10.6	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001	6/11/2023	10:15	SW	Water	Lab	Physical	UT	TSS	57	mg/L			J	
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0623-CC1A-SW001-F	6/11/2023	10:15	SW	Water	Field	Physical	UT	Turbidity	9.55	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	206	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	206	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Metals	UT	Calcium, Total	60.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	Conductivity at 25 C	509	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	D.O. Saturation	78.3	%				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-Q	9/9/2023	8:55	SW	Water	Field	Flow	UT	Flow	45.39	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Physical	UT	Hardness, Total	225	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Metals	UT	Magnesium, Total	17.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.09	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	ORP	156.2	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.83	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	pH	8.24	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0363	mg/L				J
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0159	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	Metals	UT	Selenium, Total	0.0161	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001	9/9/2023	8:55	SW	Water	Lab	General Cl	UT	Sulfate	31.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	Temperature	10	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0923-CC1A-SW001-F	9/9/2023	8:55	SW	Water	Field	Physical	UT	Turbidity	3.41	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	205	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	205	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Metals	UT	Calcium, Total	57.9	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	Conductivity at 25 C	526	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	D.O. Saturation	81.1	%				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-Q	9/16/2023	9:25	SW	Water	Field	Flow	UT	Flow	49.6	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Physical	UT	Hardness, Total	222	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Metals	UT	Magnesium, Total	18.8	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.05	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	ORP	154.5	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.32	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	pH	8.36	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0229	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0137	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	Metals	UT	Selenium, Total	0.0148	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001	9/16/2023	9:20	SW	Water	Lab	General Cl	UT	Sulfate	34.4	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	Temperature	9.2	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0923-CC3A-SW001-F	9/16/2023	9:25	SW	Water	Field	Physical	UT	Turbidity	3.97	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	UT	Calcium, Total	61.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	Conductivity at 25 C	590	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-Q	11/7/2023	10:00	SW	Water	Field	Flow	UT	Flow	48.8	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Physical	UT	Hardness, Total	229	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	UT	Magnesium, Total	18.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0264	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.121	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	ORP	103.6	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.89	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	pH	8.56	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0133	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Metals	UT	Selenium, Total	0.0127	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	General Cl	UT	Sulfate	31.8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Physical	UT	TDS	342	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	Temperature	6.1	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001	11/7/2023	10:00	SW	Water	Lab	Physical	UT	TSS	6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1123-CC1A-SW001-F	11/7/2023	10:00	SW	Water	Field	Physical	UT	Turbidity	3.68	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	UT	Calcium, Total	59.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	Conductivity at 25 C	479.6	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-Q	5/22/2024	11:26	SW	Water	Field	Flow	UT	Flow		cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Physical	UT	Hardness, Total	209	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	UT	Magnesium, Total	14.6	mg/L				

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0198	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.08	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	ORP	135.3	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	pH	8.66	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.00692	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Metals	UT	Selenium, Total	0.00931	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	General Cl	UT	Sulfate	21.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Physical	UT	TDS	277	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	Temperature	6.6	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001	5/22/2024	11:16	SW	Water	Lab	Physical	UT	TSS	5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0524-CC1A-SW001-F	5/22/2024	11:26	SW	Water	Field	Physical	UT	Turbidity	8.02	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	203	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	203	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Metals	UT	Calcium, Total	59.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	Conductivity at 25 C	560	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-Q	8/13/2024	10:10	SW	Water	Field	Flow	UT	Flow	45.6	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Physical	UT	Hardness, Total	225	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Metals	UT	Magnesium, Total	18.7	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.109	mg/L				J+
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	ORP	168.5	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.47	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	pH	8.08	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0201	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.014	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	Metals	UT	Selenium, Total	0.0146	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001	8/13/2024	10:10	SW	Water	Lab	General Cl	UT	Sulfate	28.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	Temperature	12.3	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0824-CC1A-SW001-F	8/13/2024	10:10	SW	Water	Field	Physical	UT	Turbidity	2.34	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	Conductivity at 25 C	530	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	D.O. Saturation	76.9	%				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-Q	9/4/2024	9:14	SW	Water	Field	Flow	UT	Flow	38.98	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	ORP	126.6	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.56	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	pH	8.16	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	Temperature	10.5	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0924-CC1A-SW001-F	9/4/2024	9:14	SW	Water	Field	Physical	UT	Turbidity	4.04	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	196	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	196	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Metals	UT	Calcium, Total	54.3	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	Conductivity at 25 C	524	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	D.O. Saturation	78.4	%				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-Q	9/8/2024	8:30	SW	Water	Field	Flow	UT	Flow	44.98	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Physical	UT	Hardness, Total	209	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Metals	UT	Magnesium, Total	17.7	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.094	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	ORP	92.5	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.77	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	pH	8.26	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0316	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0165	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	Metals	UT	Selenium, Total	0.0169	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001	9/8/2024	8:49	SW	Water	Lab	General Cl	UT	Sulfate	34.2	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	Temperature	10.4	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0924-CC3A-SW001-F	9/8/2024	8:30	SW	Water	Field	Physical	UT	Turbidity	4.64	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	UT	Calcium, Total	61.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	Conductivity at 25 C	709	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-Q	10/18/2024	10:48	SW	Water	Field	Flow	UT	Flow	42.26	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Physical	UT	Hardness, Total	230	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	UT	Magnesium, Total	18.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0289	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.151	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	ORP	149.2	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.36	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	pH	8.41	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0153	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Metals	UT	Selenium, Total	0.0163	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	General Cl	UT	Sulfate	34.2	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Physical	UT	TDS	461	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	Temperature	7.4	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001	10/18/2024	10:48	SW	Water	Lab	Physical	UT	TSS	5	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC1024-CC1A-SW001-F	10/18/2024	10:48	SW	Water	Field	Physical	UT	Turbidity	6.74	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	FD	Cadmium, Dissolved	6.30E-05	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	UT	Calcium, Total	56.5	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	Conductivity at 25 C	505	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-Q	5/20/2025	14:07	SW	Water	Field	Flow	UT	Flow	79.7	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Physical	UT	Hardness, Total	203	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	UT	Magnesium, Total	15.1	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	FD	Manganese, Dissolved	0.0221	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.089	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	ORP	98.8	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	Oxygen, Dissolved	9.75	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	pH	8.46	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0107	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Metals	UT	Selenium, Total	0.0113	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	General Cl	UT	Sulfate	24.9	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Physical	UT	TDS	280	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	Temperature	10.1	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001	5/20/2025	14:07	SW	Water	Lab	Physical	UT	TSS	8	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0525-CC1A-SW001-F	5/20/2025	14:07	SW	Water	Field	Physical	UT	Turbidity	7.69	NTU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	192	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	192	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Metals	UT	Calcium, Total	55.4	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	Conductivity at 25 C	548	umhos/cm				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	D.O. Saturation	100.4	%				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-Q	9/10/2025	9:11	SW	Water	Field	Flow	UT	Flow	35.97	cfs				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Physical	UT	Hardness, Total	212	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Metals	UT	Magnesium, Total	18	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.144	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	ORP	91.5	mV				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	Oxygen, Dissolved	8.6	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	pH	8.27	SU				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0194	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0155	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	Metals	UT	Selenium, Total	0.0164	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001	9/10/2025	9:11	SW	Water	Lab	General Cl	UT	Sulfate	33.3	mg/L				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	Temperature	11.8	C				
CC-1A	Crow Creek @ bridge on Meade Peak Ranch	SC0925-CC1A-SW001-F	9/10/2025	9:11	SW	Water	Field	Physical	UT	Turbidity	13.53	NTU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	General Cl	UT	Alkalinity, Total as CaCO3	196	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	General Cl	UT	Bicarbonate, as CaCO3	196	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Metals	UT	Calcium, Total	57.8	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	General Cl	UT	Carbonate, as CaCO3	1	mg/L		U		

Surface Water Quality Data - Lower Crow Creek

StationNa	StnDescription	SampleName	SampleDate	SampleTir	SampleMe	Matrix	LabOrFiel	AnalysisG	FiltStat	Analyte	Result	Unit	Basis	LabQualifi	ReviewQu	ValQualifi
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	Conductivity at 25 C	562.7	umhos/cm				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	D.O. Saturation	113	%				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-Q	9/14/2025	14:33	SW	Water	Field	Flow	UT	Flow	34.85	cfs				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Physical	UT	Hardness, Total	222	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Metals	UT	Magnesium, Total	18.8	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Nutrients	UT	Nitrate + Nitrite, as N	0.112	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	ORP	141.8	mV				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	Oxygen, Dissolved	10.4	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	pH	8.4	SU				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Nutrients	UT	Phosphorus, Total	0.0155	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Metals	FD	Selenium, Dissolved	0.0147	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	Metals	UT	Selenium, Total	0.0154	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001	9/14/2025	9:30	SW	Water	Lab	General Cl	UT	Sulfate	33.5	mg/L				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	Temperature	8.9	C				
CC-3A	Crow Creek near N. end of Hartman Ranch	SC0925-CC3A-SW001-F	9/14/2025	9:30	SW	Water	Field	Physical	UT	Turbidity	0	NTU				