

Exhibit 6-2
Tucannon River at Headwaters
Complete Record of Values (CFS): WSU Monitoring Site Tucannon 9
(4/1999 to 3/2001)

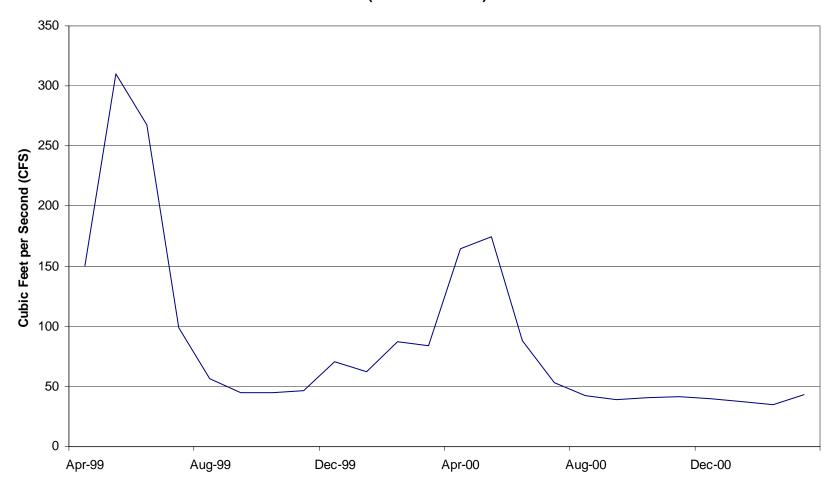


Exhibit 6-3
Tucannon River just downstream of Cummings Creek
Complete Record of Values (CFS): WSU Monitoring Site Tucannon 6
(4/1999 to 2/2001)

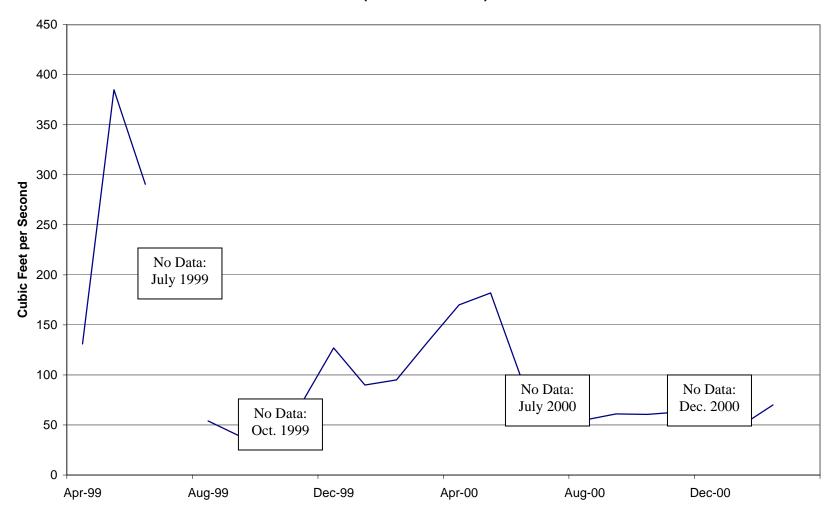


Exhibit 6-4
Tucannon River near Pomeroy, Washington
Complete Record of Average Monthly Values (CFS): USGS Gage 13344000
(10/1913 to 6/1915; 3/1924 to 9/1930)

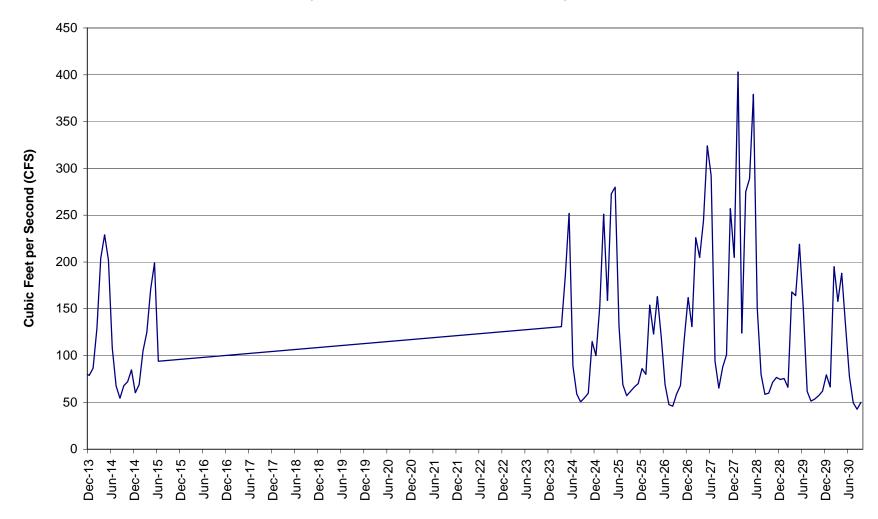


Exhibit 6-5
Tucannon River near Starbuck, Washington
Complete Record of Average Monthly Values (CFS): USGS Gage 13344500
(10/1914 to 9/1917; 10/1928 to 9/1931; 10/1958 to 12/1990; 10/1994 to Current)

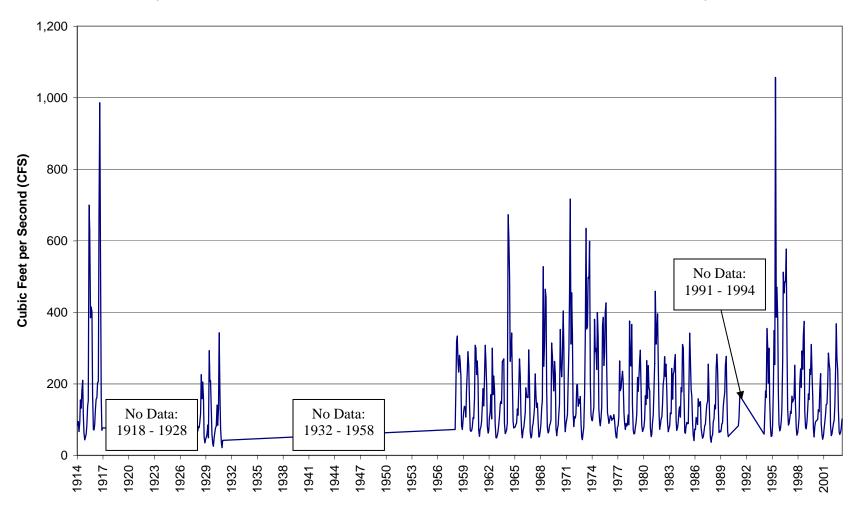


Exhibit 6-6
Tucannon River at Powers, Washington
Complete Record of Values (CFS): Ecology Monitoring Site 35B060
(10/1973 to 9/1974; 10/1977 to 9/1992; 12/1994 to 9/2002)

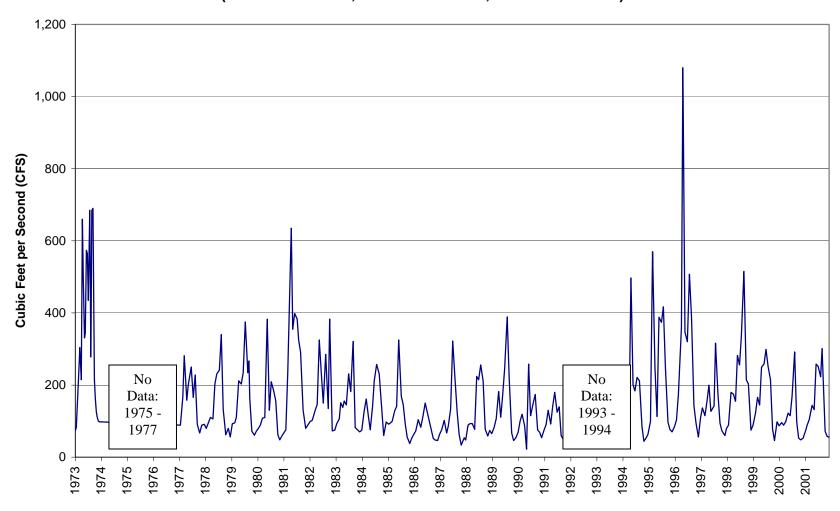


Exhibit 6-7
Tucannon River at Headwaters
Average Monthly, 90% Exceedance, and 10% Exceedance Flows
Mean Annual Volume = 64,020 ac-ft
WSU Monitoring Site Tucannon 9 (4/1999 to 3/2001)

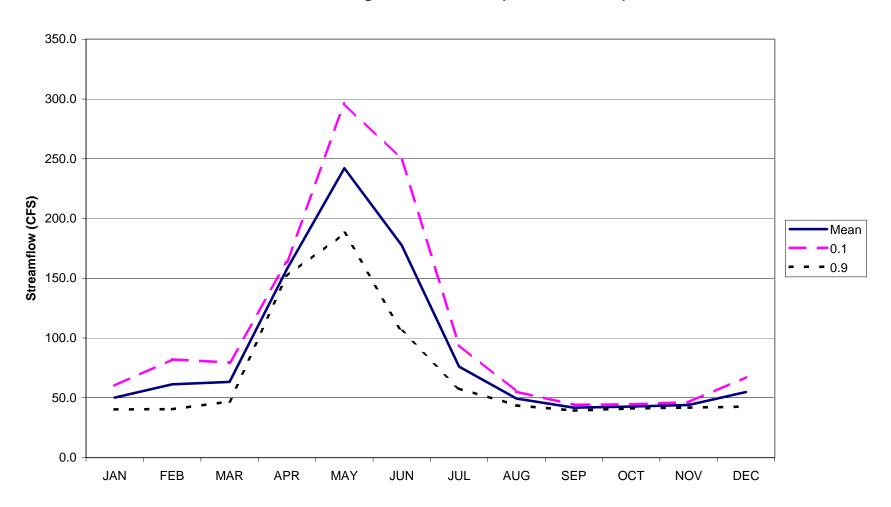
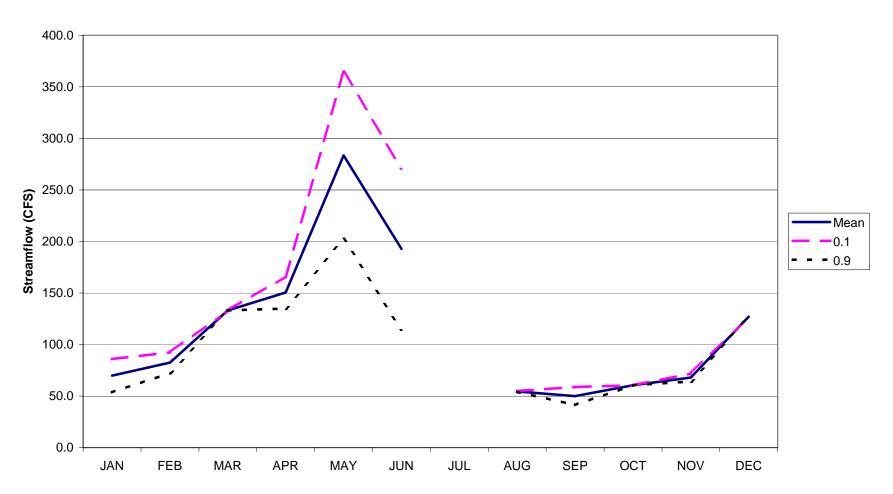


Exhibit 6-8
Tucannon River just downstream of Cummings Creek
Average Monthly, 90% Exceedance, and 10% Exceedance Flows
WSU Monitoring Site Tucannon 6 (4/1999 to 2/2001)



Note: Data was not collected for July 1999 and 2000, October 1999 and December 2000.

Exhibit 6-9
Tucannon River near Pomeroy, Washington
Average Monthly, 90% Exceedance, and 10% Exceedance Flows
Mean Annual Volume = 90,520 ac-ft
USGS Gage 13344000 (10/1913 to 6/1915; 3/1924 to 9/1930)

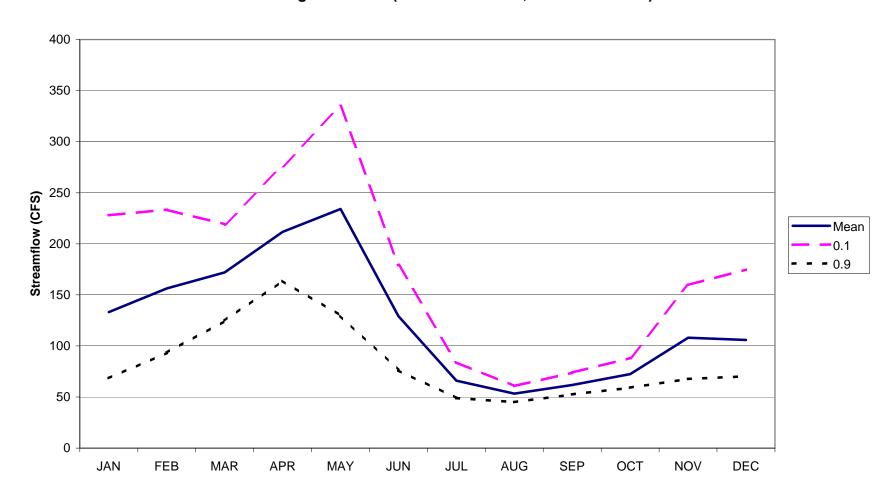


Exhibit 6-10
Tucannon River near Starbuck, Washington
Average Monthly, 90% Exceedance, and 10% Exceedance Flows
Mean Annual Volume = 123,902 ac-ft, USGS 13344500
(10/1914 to 9/1917; 10/1928 to 9/1931; 10/1958 to 12/1990; 10/1994 to Current)

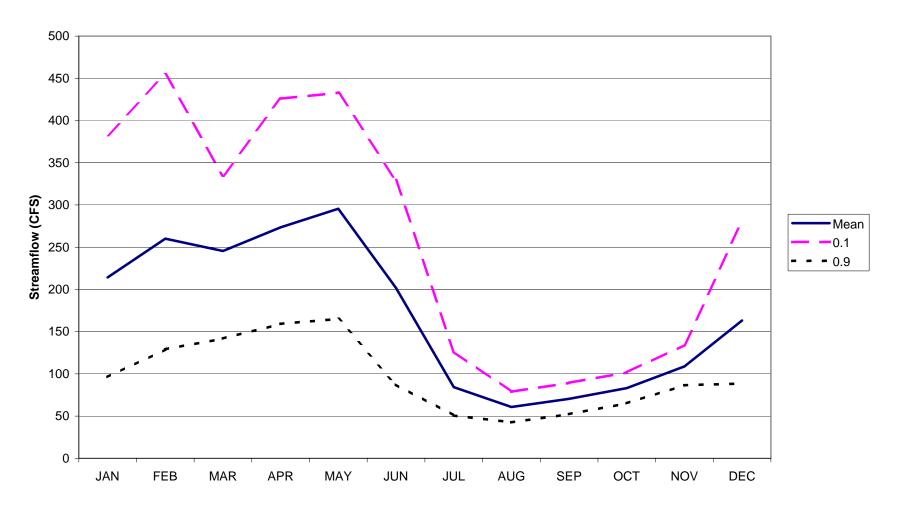
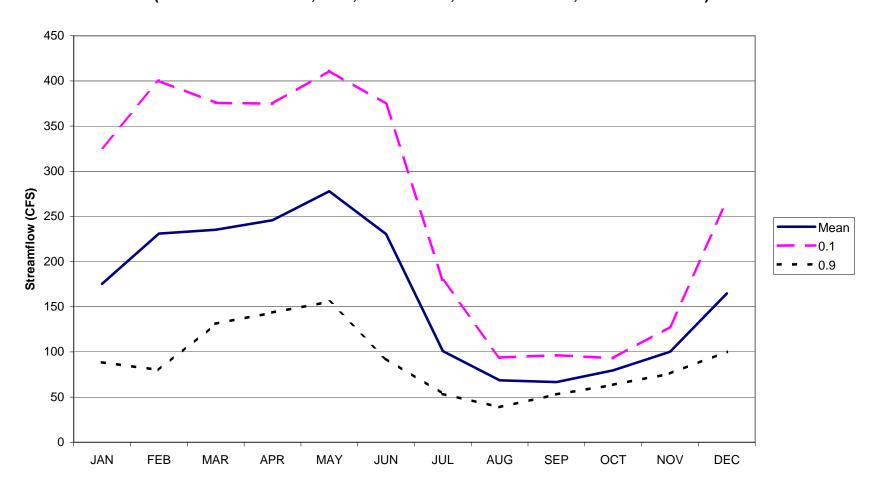


Exhibit 6-11
Tucannon River at Powers, Washington
Average Monthly, 90% Exceedance, and 10% Exceedance Flows
Mean Annual Volume = 118,880 ac-ft, Ecology Monitoring Site 35B060
(some months in 1973, 1974, 1977 to 1987; 7/1987 to 9/1992; 12/1994 to 9/2002)



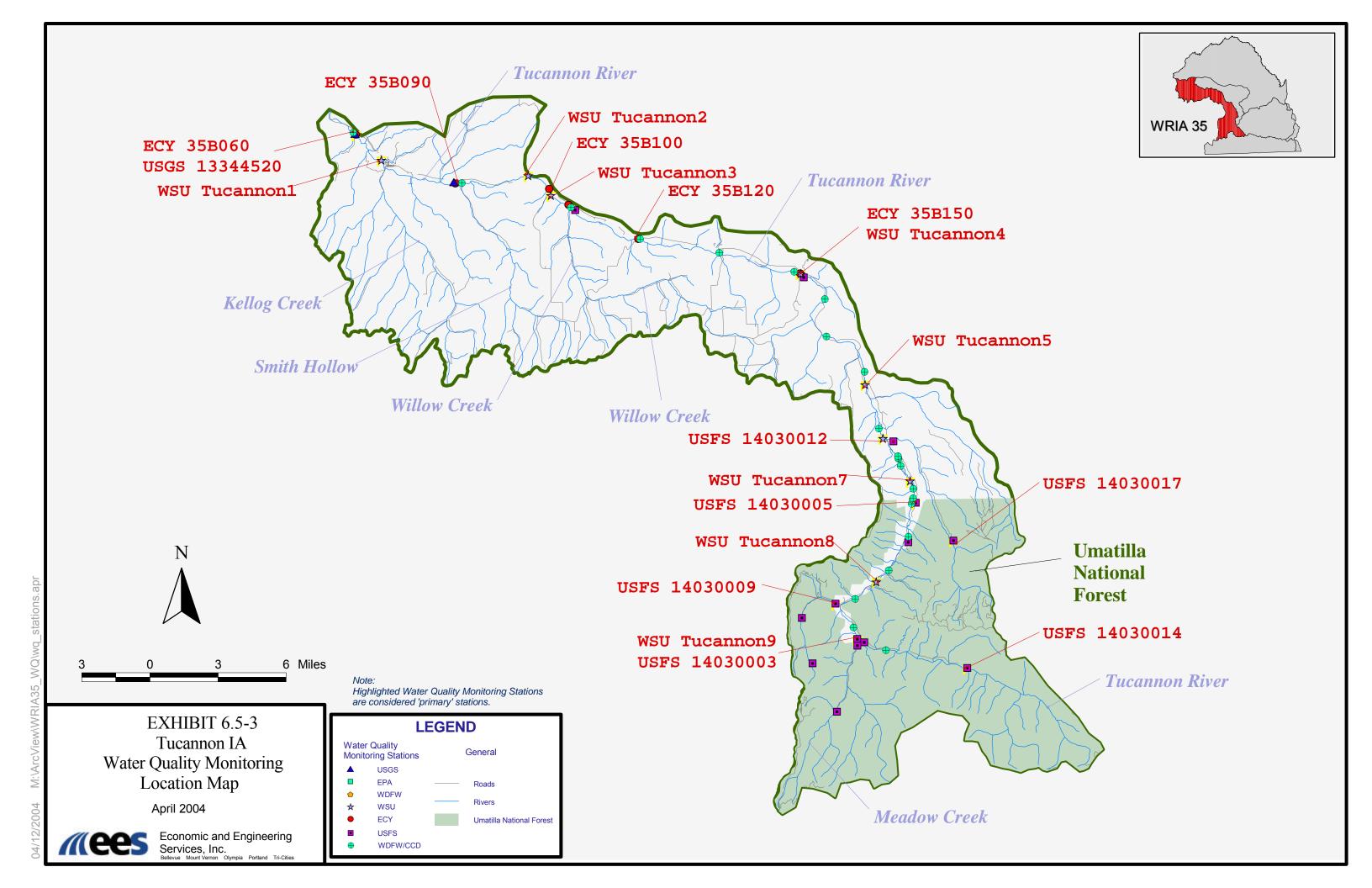
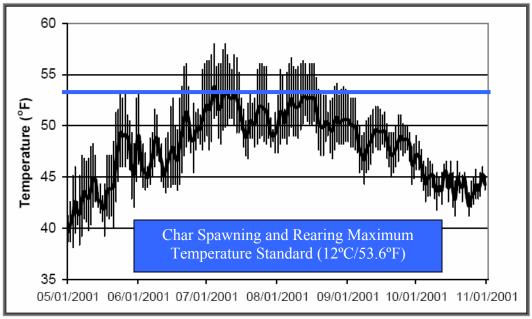


Exhibit 6-5.4

2001 Water Temperature Monitoring in Tucannon River at Lady Bug Flat Campground

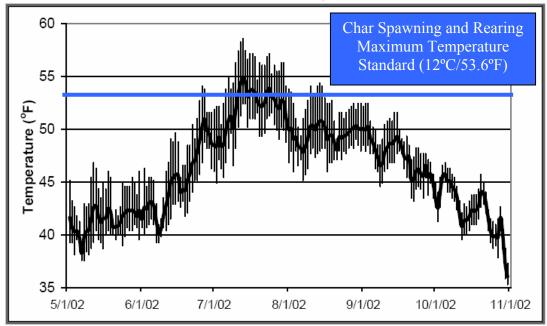
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 1 (Bumgarner 2002a).

Exhibit 6-5.5

2002 Water Temperature Monitoring in Tucannon River at Lady Bug Flat Campground
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 1 (Bumgarner 2002b).

Exhibit 6-5.6

Temperature Monitoring in Tucannon River above Sheep Creek Confluence
USFS 14030014: 6/2003 to 10/2003

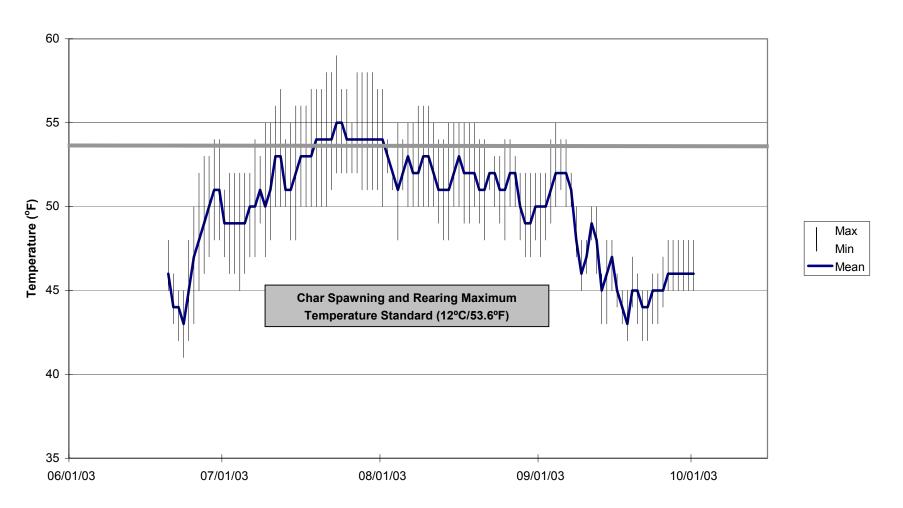


Exhibit 6-5.7

Total Suspended Solids Monitoring in Tucannon River above Sheep Creek Confluence
USFS 14030014: 1983 to 1995

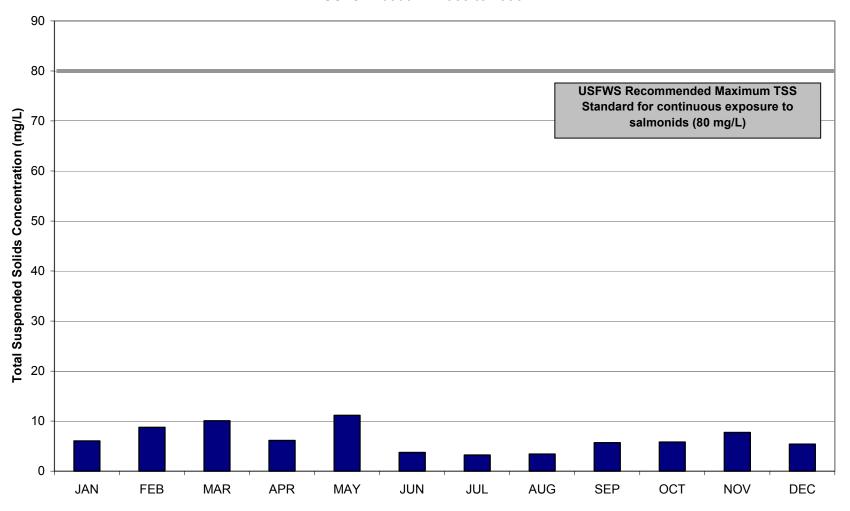
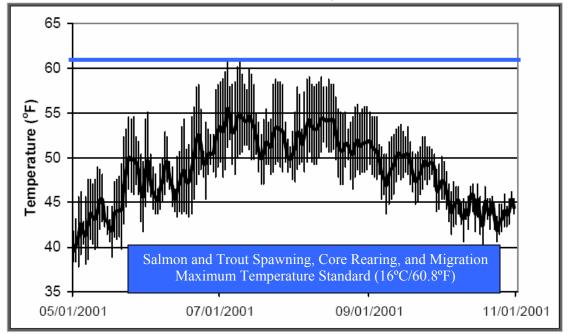


Exhibit 6-5.8

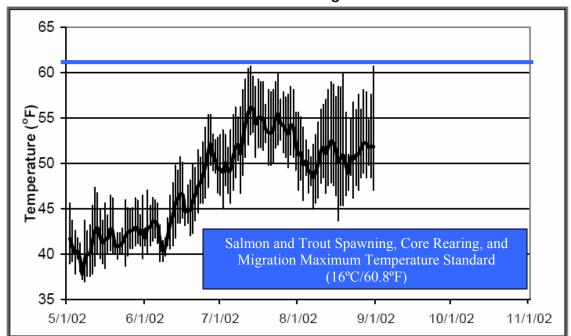
2001 Water Temperature Monitoring in Tucannon River at Panjab Creek Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 2 (Bumgarner 2002a).

Exhibit 6-5.9

2002 Water Temperature Monitoring in Tucannon River at Panjab Creek Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 2 (Bumgarner 2002b).

Exhibit 6-5.10

Temperature Monitoring in Tucannon River at Panjab Creek Bridge USFS 14030003: 10/2002 to 10/2003

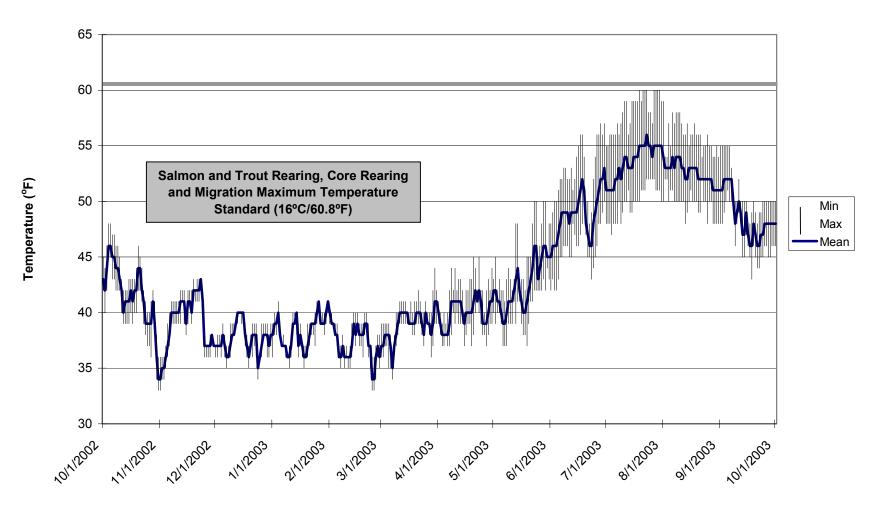


Exhibit 6-5.11

Mean Monthly Temperature Monitoring in Tucannon River at Panjab Creek Bridge
WSU Tucannon 9: 1999 to 2001

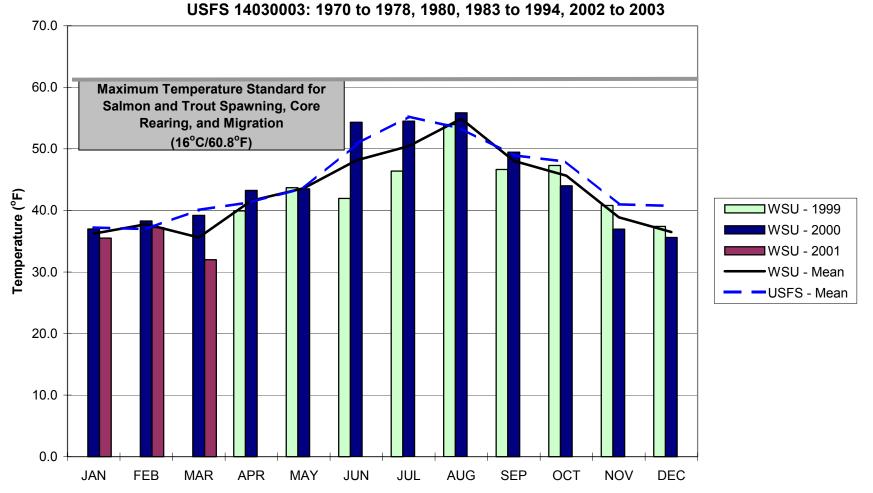


Exhibit 6-5.12

Mean Monthly Fecal Coliform Monitoring in Tucannon River at Panjab Creek Bridge
WSU Tucannon 9: 1999 to 2001

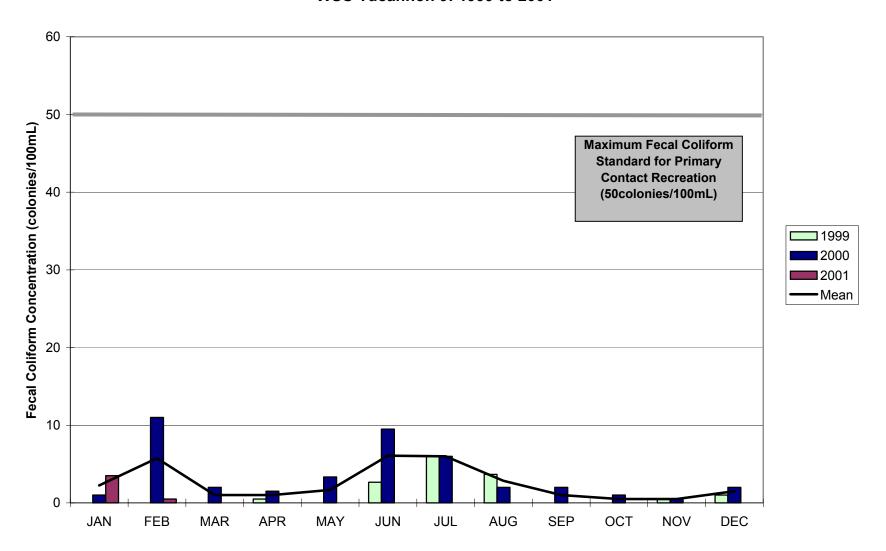


Exhibit 6-5.13

Turbidity Monitoring in the Tucannon River at Panjab Creek Bridge USFS 14030003: 1999 to 2001

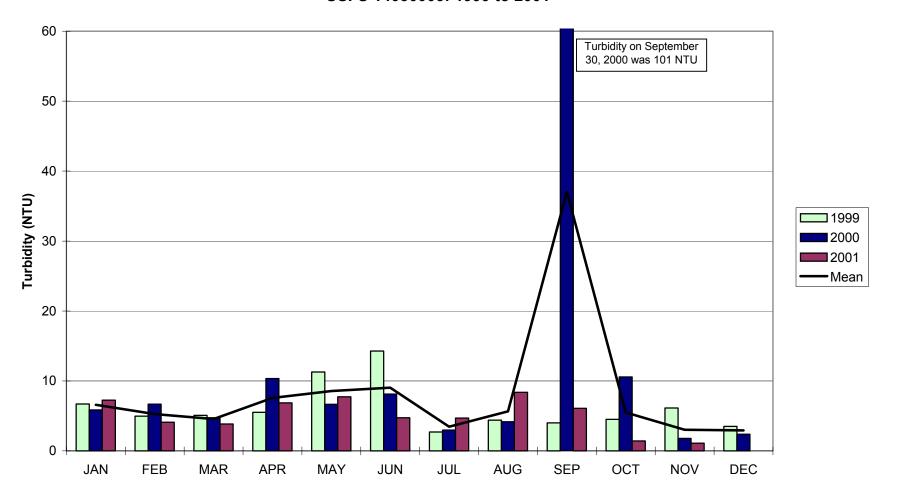


Exhibit 6-5.14

Total Suspended Solids Monitoring in Tucannon River at Panjab Creek Bridge
USFS 14030003: 1983 to 2001
WSU Tucannon 9: 1999 to 2001

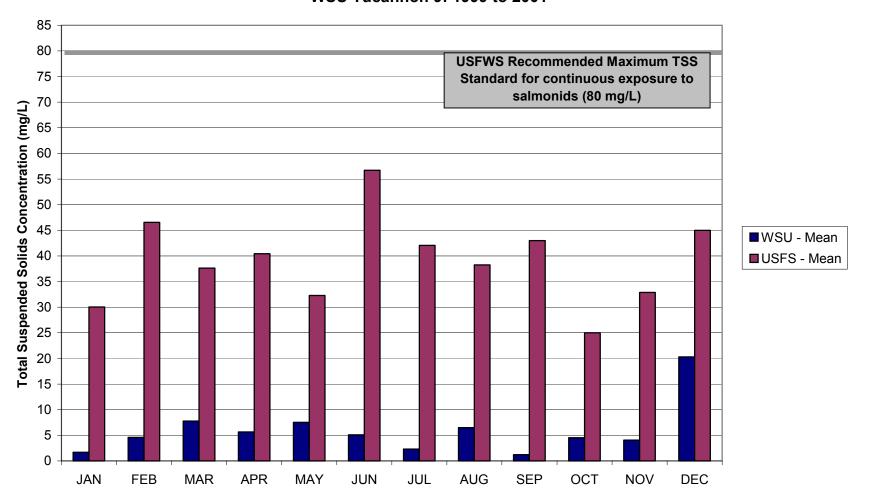
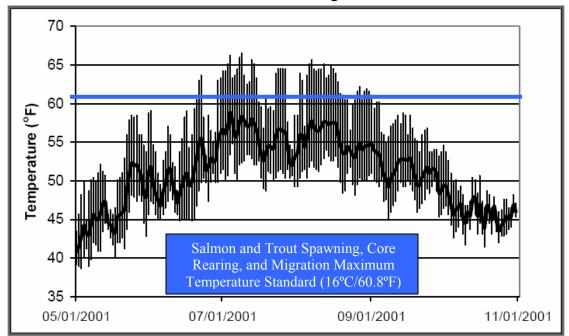


Exhibit 6-5.15

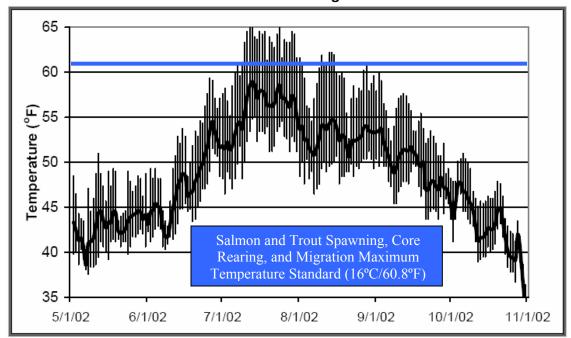
2001 Water Temperature Monitoring in Tucannon River at Camp Wooten Bridge

WDFW/CCD Monitoring Station



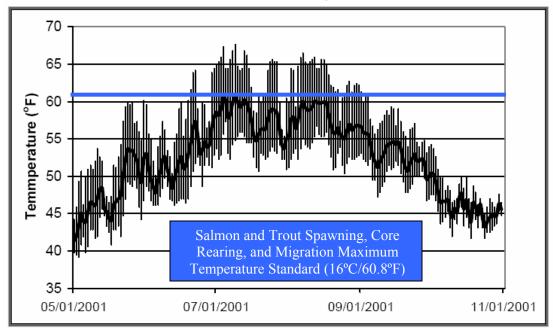
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 4 (Bumgarner 2002a).

Exhibit 6-5.16
2002 Water Temperature Monitoring in Tucannon River at Camp Wooten Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 4 (Bumgarner 2002b).

Exhibit 6-5.17
2001 Water Temperature Monitoring in Tucannon River at Big Four Lake
WDFW/CCD Monitoring Station

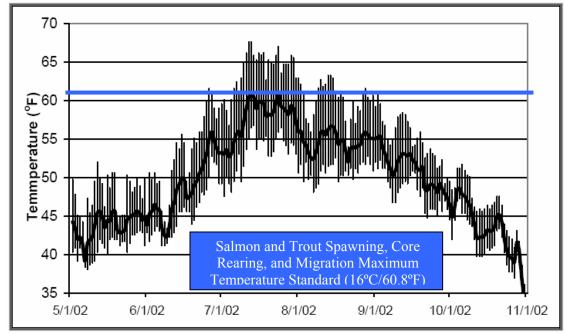


Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 5 (Bumgarner 2002a).

Exhibit 6-5.18

2002 Water Temperature Monitoring in Tucannon River at Big Four Lake

WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 5 (Bumgarner 2002b).

Exhibit 6-5.19

Mean Monthly Temperature Monitoring in Tucannon River at Camp Wooten Bridge
WSU Tucannon 8: 1999 to 2001

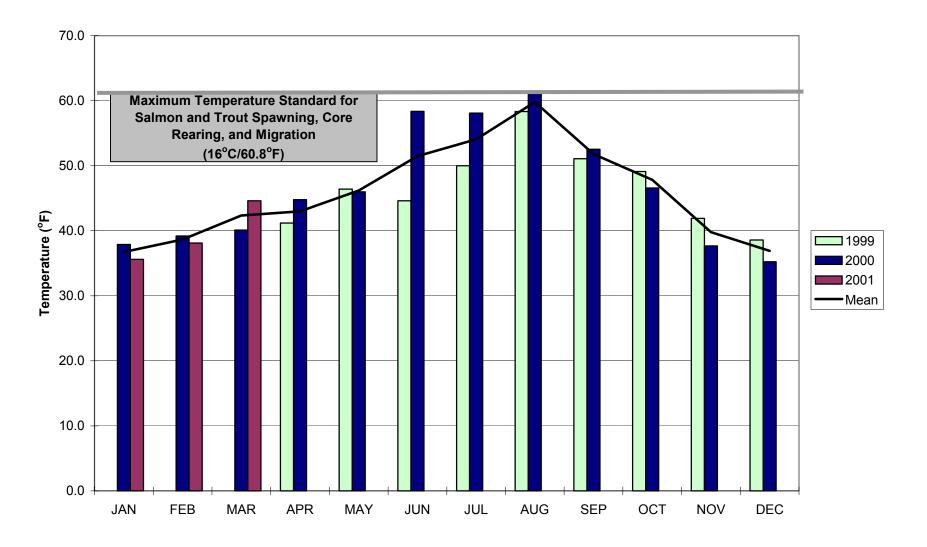


Exhibit 6-5.20

Mean Monthly Fecal Coliform Monitoring in Tucannon River at Camp Wooten Bridge
WSU Tucannon 8: 1999 to 2001

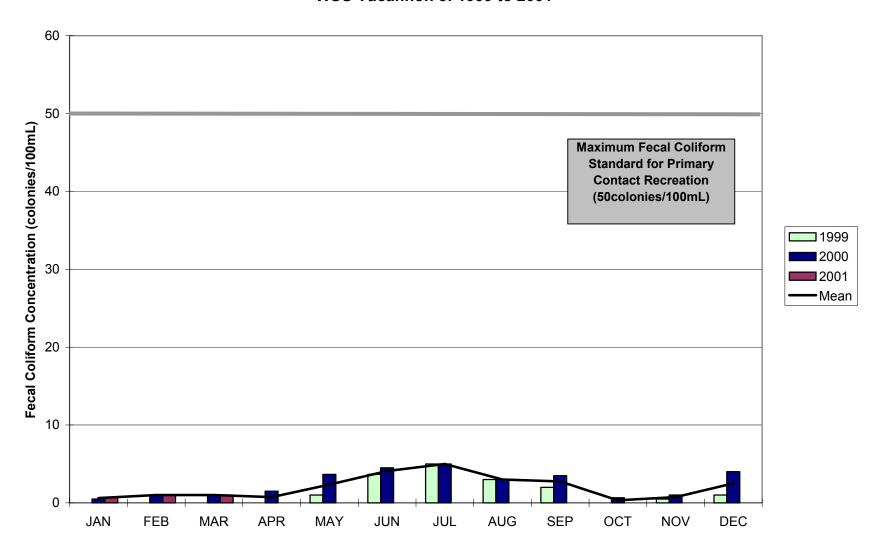


Exhibit 6-5.21

Mean Monthly Turbidity Monitoring in Tucannon River at Forest Service Boundary
USFS 14030005: 1999 to 2001

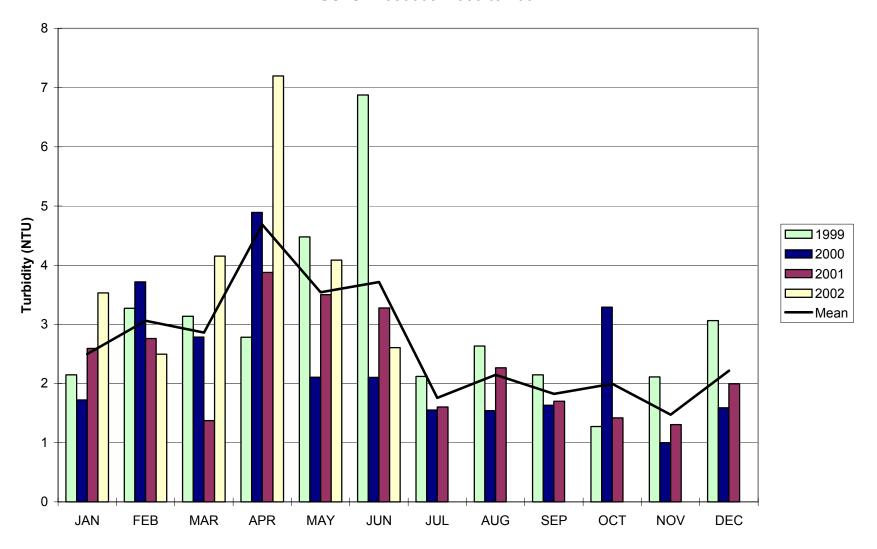


Exhibit 6-5.22

Total Suspended Solids Monitoring in Tucannon River at Camp Wooten Bridge USFS 14030005: 1980 to 2002

WSU Tucannon 8: 1999 to 2001

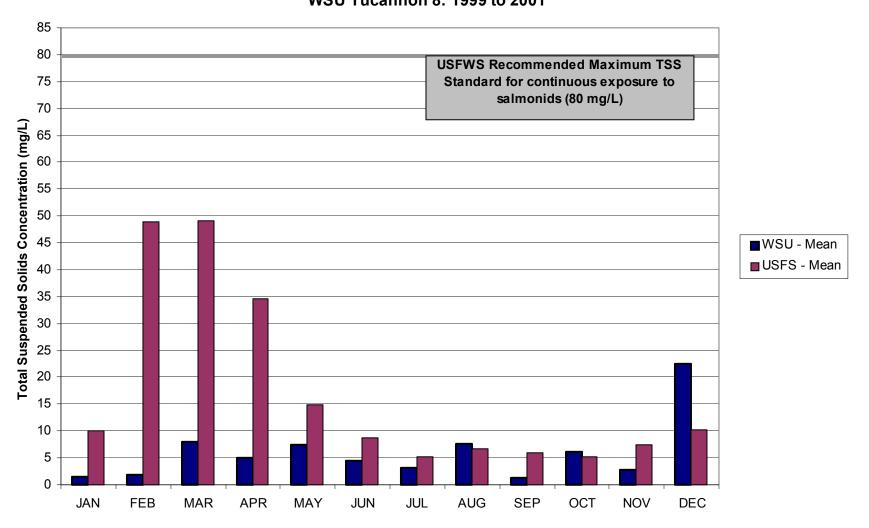
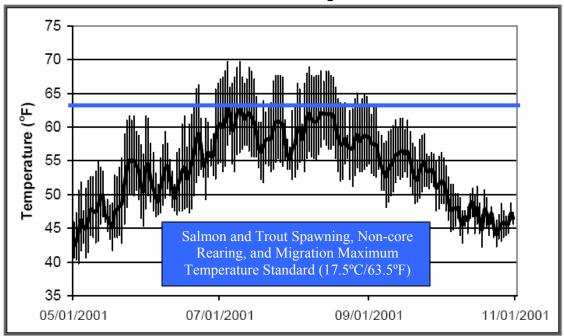
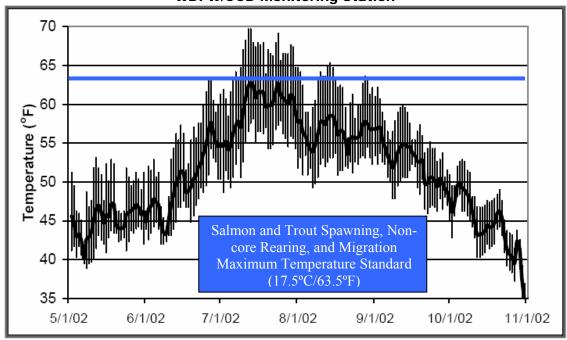


Exhibit 6-5.23
2001 Water Temperature Monitoring in Tucannon River at Forest Service Sign WDFW/CCD Monitoring Station



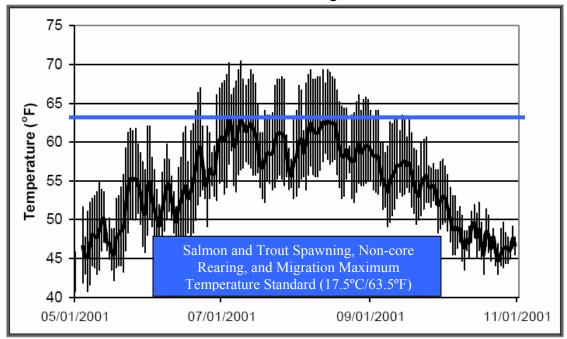
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 6 (Bumgarner 2002a).

Exhibit 6-5.24
2002 Water Temperature Monitoring in Tucannon River at Forest Service Sign WDFW/CCD Monitoring Station



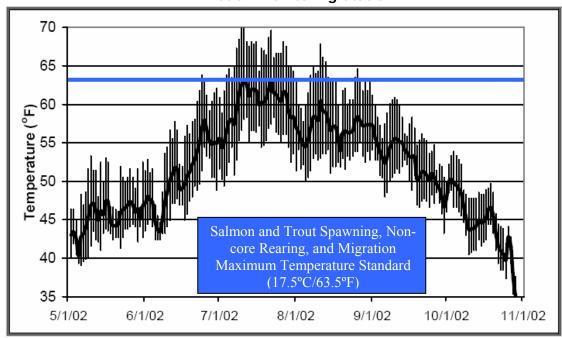
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 6 (Bumgarner 2002b).

Exhibit 6-5.25
2001 Water Temperature Monitoring in Tucannon River at Hatchery Intake
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 7 (Bumgarner 2002a).

Exhibit 6-5.26
2002 Water Temperature Monitoring in Tucannon River at Hatchery Intake
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 7 (Bumgarner 2002b).

Exhibit 6-5.27

Mean Monthly Temperature Monitoring in Tucannon River at Hatchery Bridge
WSU Tucannon 7: 1999 to 2001

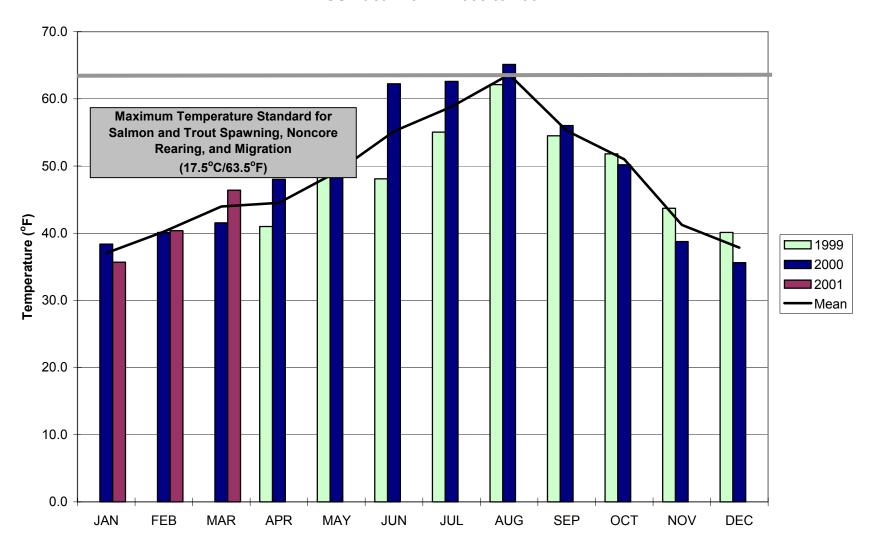


Exhibit 6-5.28

Mean Monthly Fecal Coliform Monitoring in Tucannon River at Hatchery Bridge
WSU Tucannon 7: 1999 to 2001

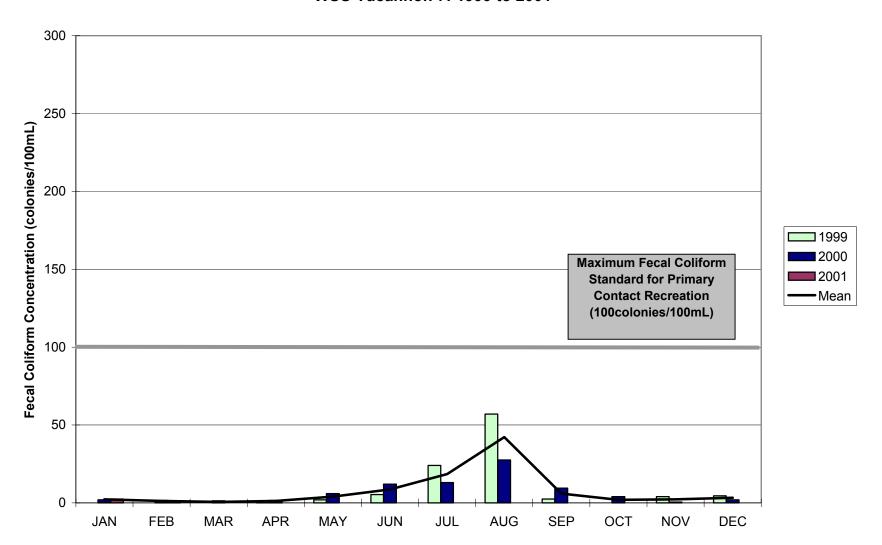


Exhibit 6-5.29

Total Suspended Solids Monitoring in Tucannon River at Hatchery Bridge
WSU Tucannon 7: 1999 to 2001

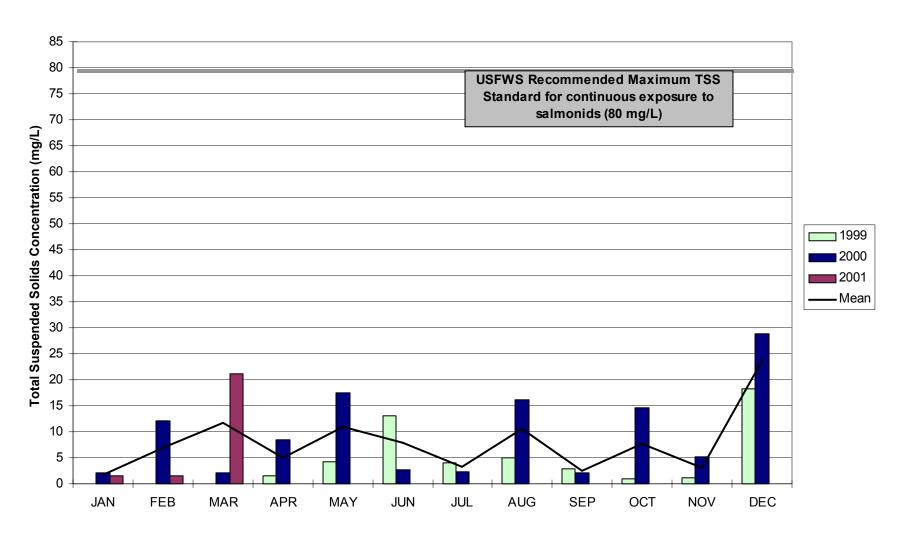
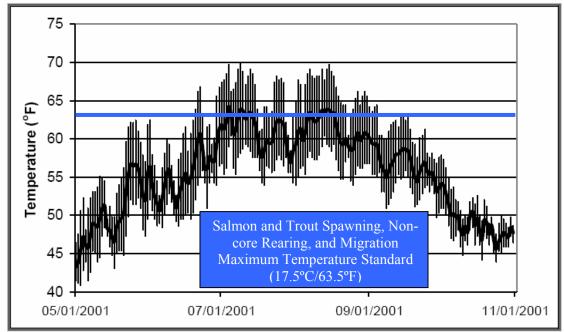


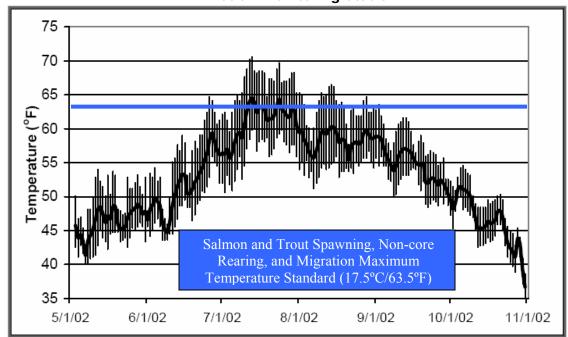
Exhibit 6-5.30
2001 Water Temperature Monitoring in Tucannon River at Cummings Creek Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 8 (Bumgarner 2002a).

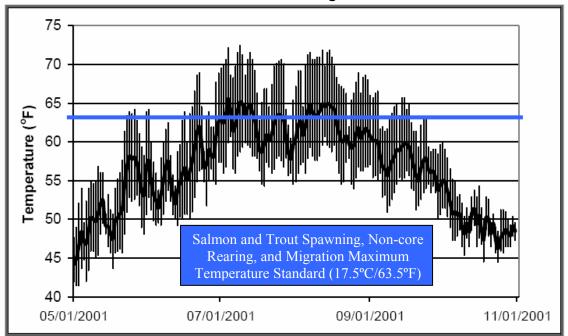
Exhibit 6-5.31

2002 Water Temperature Monitoring in Tucannon River at Cummings Creek Bridge
WDFW/CCD Monitoring Station



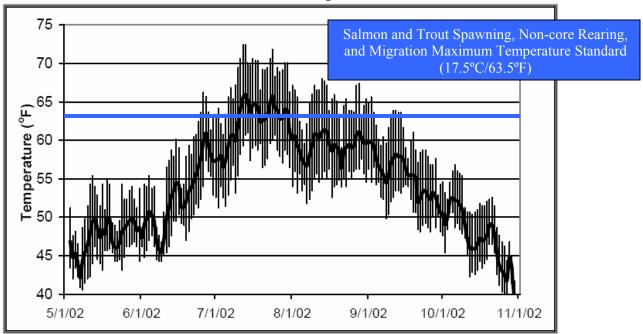
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 8 (Bumgarner 2002b).

Exhibit 6-5.32
2001 Water Temperature Monitoring in Tucannon River at Bridge 14
WDFW/CCD Monitoring Station



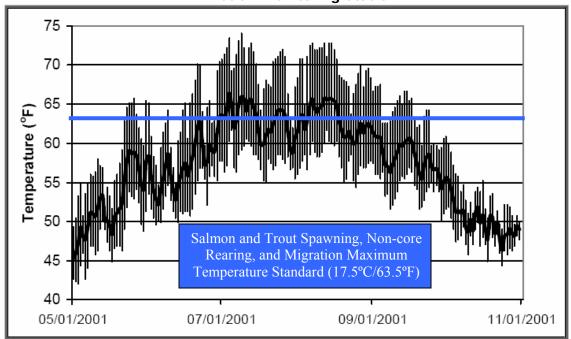
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 9 (Bumgarner 2002a).

Exhibit 6-5.33
2002 Water Temperature Monitoring in Tucannon River at Bridge 14
WDFW/CCD Monitoring Station



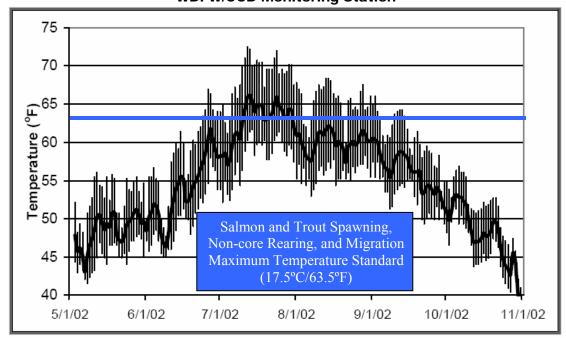
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 9 (Bumgarner 2002b).

Exhibit 6-5.34
2001 Water Temperature Monitoring in Tucannon River at Bridge 12
WDFW/CCD Monitoring Station



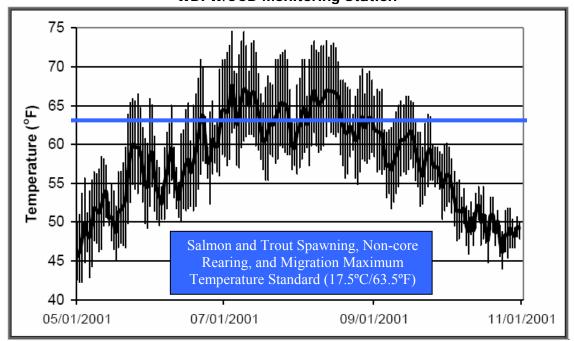
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 10 (Bumgarner 2002a).

Exhibit 6-5.35
2002 Water Temperature Monitoring in Tucannon River at Bridge 12
WDFW/CCD Monitoring Station



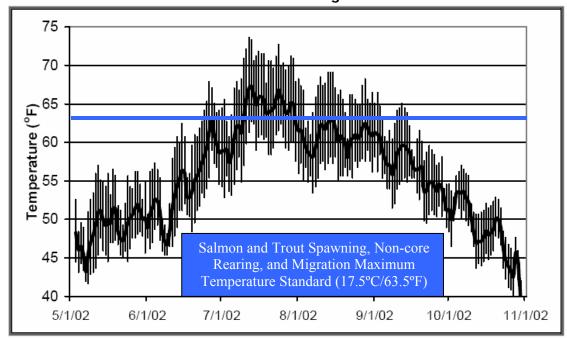
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 10 (Bumgarner 2002b).

Exhibit 6-5.36
2001 Water Temperature Monitoring in Tucannon River at Bridge 10
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 11 (Bumgarner 2002a).

Exhibit 6-5.37
2002 Water Temperature Monitoring in Tucannon River at Bridge 10
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 11 (Bumgarner 2002b).

Exhibit 6-5.38

Mean Monthly Temperature Monitoring in Tucannon River between Cummings Creek Confluence and Marengo WSU Tucannon 5 and 6: 1999 to 2001

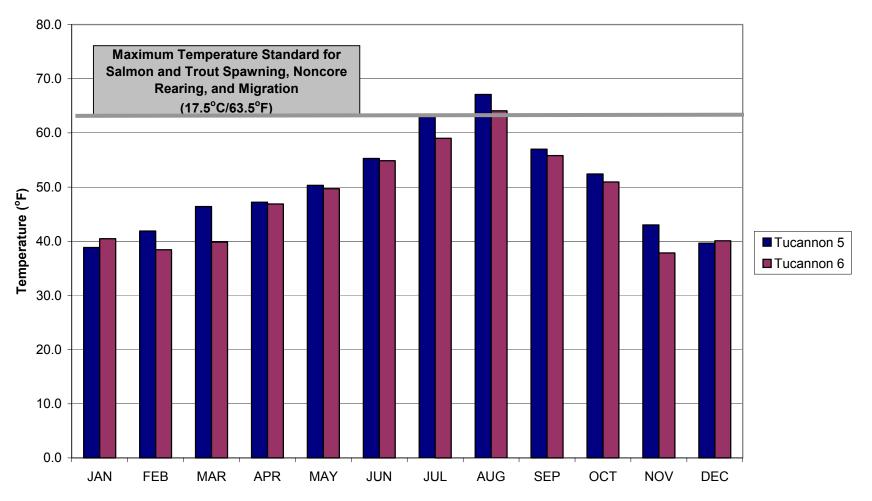


Exhibit 6-5.39

Mean Fecal Coliform Monitoring in Tucannon River between Cummings Creek Confluence and Marengo WSU Tucannon 5 and 6: 1999 to 2001

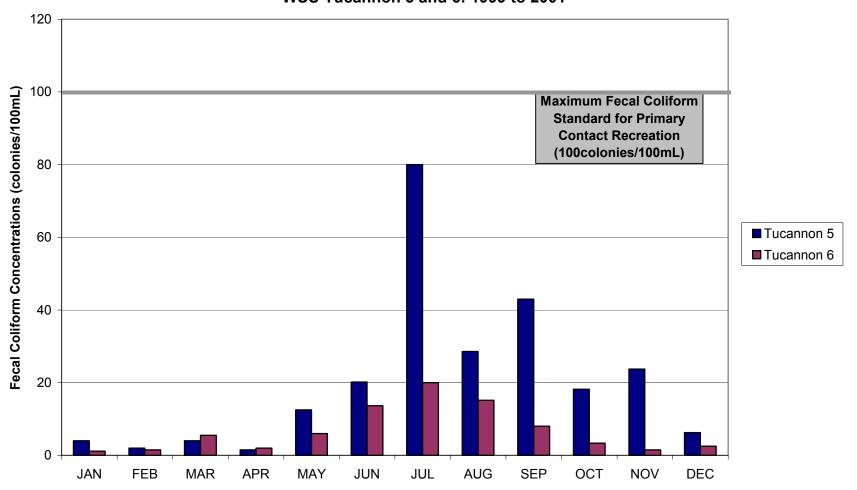


Exhibit 6-5.40

Total Suspended Solids Monitoring in Tucannon River between Cummings Creek Confluence and Marengo WSU Tucannon 5 and 6: 1999 to 2001

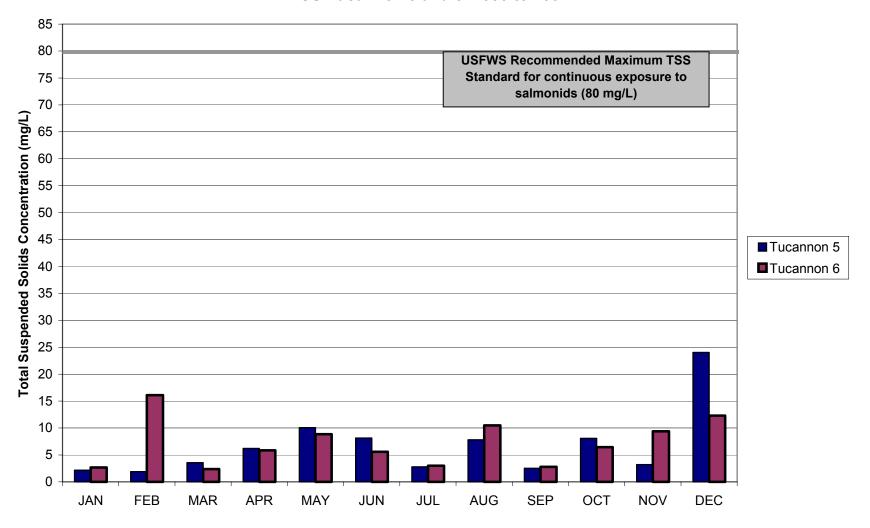
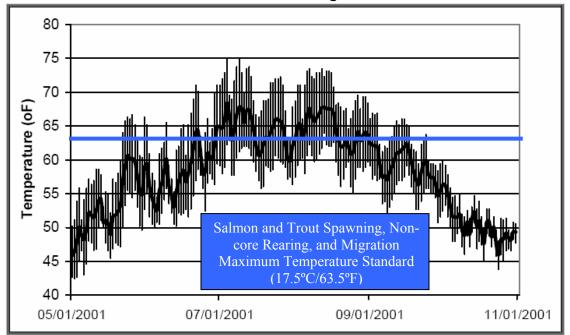
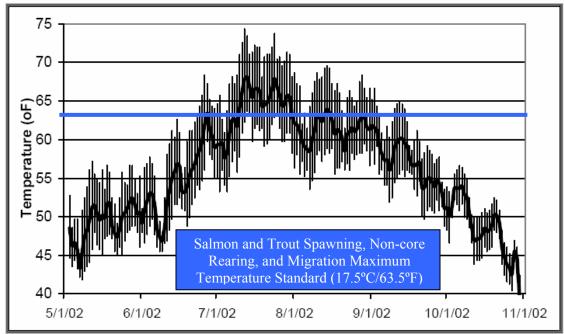


Exhibit 6-5.41
2001 Water Temperature Monitoring in Tucannon River at Marengo Bridge
WDFW/CCD Monitoring Station



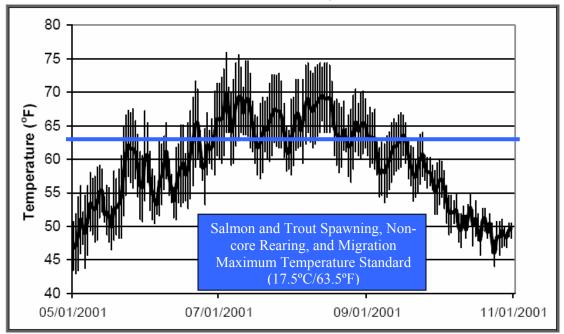
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 12 (Bumgarner 2002a).

Exhibit 6-5.42
2002 Water Temperature Monitoring in Tucannon River at Marengo Bridge
WDFW/CCD Monitoring Station



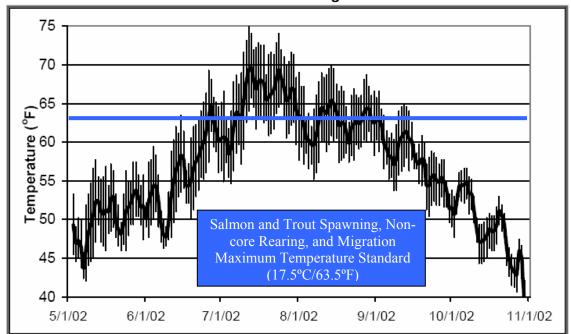
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 12 (Bumgarner 2002b).

Exhibit 6-5.43
2001 Water Temperature Monitoring in Tucannon River at King Grade Bridge
WDFW/CCD Monitoring Station



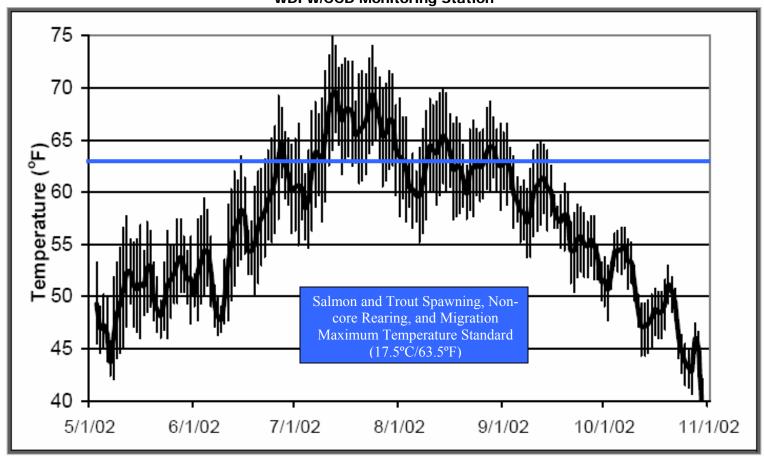
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 13 (Bumgarner 2002a).

Exhibit 6-5.44
2002 Water Temperature Monitoring in Tucannon River at King Grade Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 13 (Bumgarner 2002b).

Exhibit 6-5.45
2002 Water Temperature Monitoring in Tucannon River at Enrich Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 14 (Bumgarner 2002b).

Exhibit 6-5.46

Temperature Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year
WSU Tucannon 4: 1999 to 2001

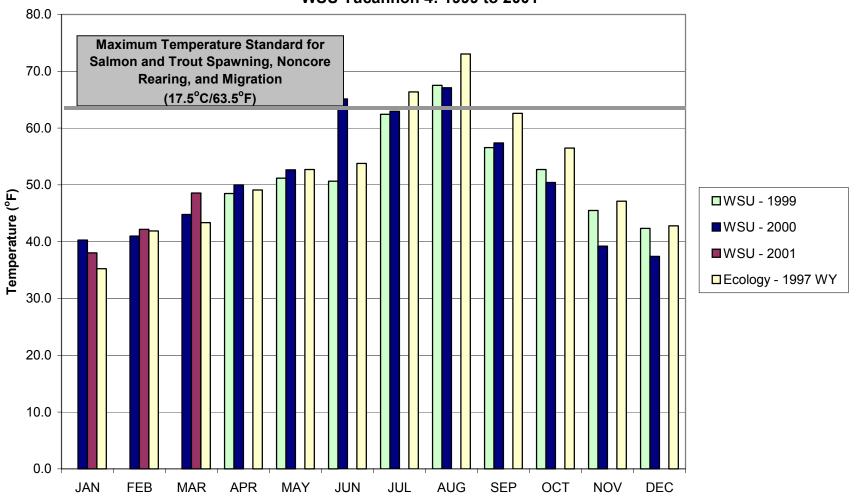


Exhibit 6-5.47

Fecal Coliform Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year
WSU Tucannon 4: 1999 to 2001

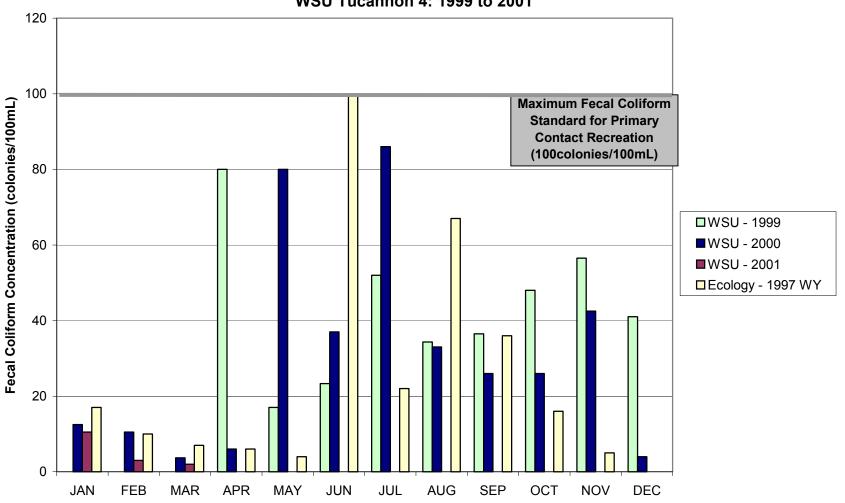


Exhibit 6-5.48

pH Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year

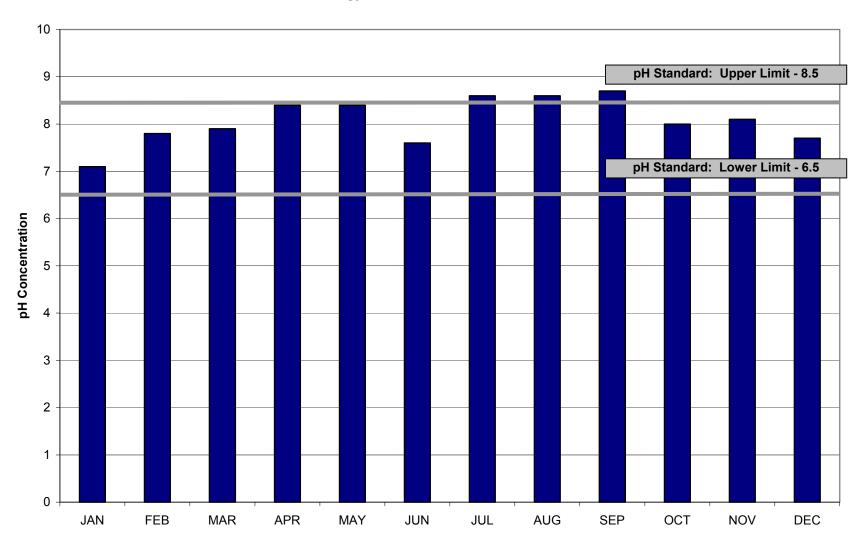


Exhibit 6-5.49

Dissolved Oxygen Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year

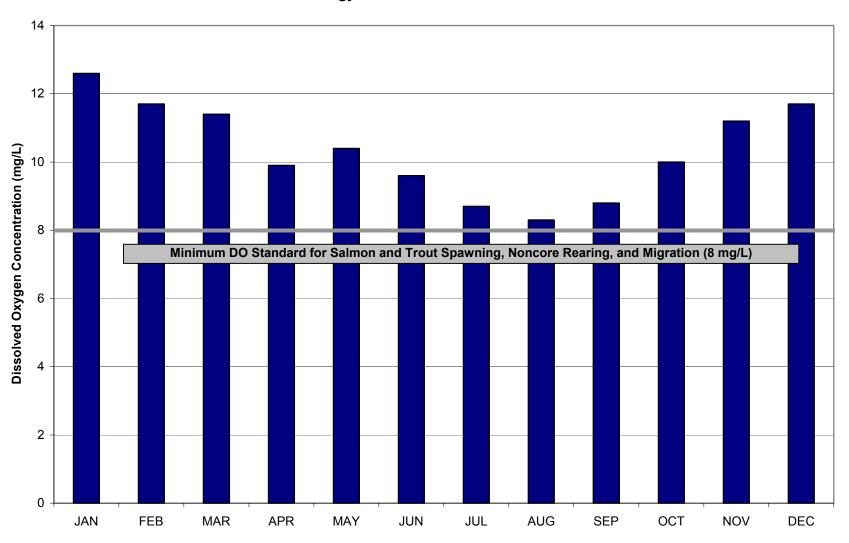


Exhibit 6-5.50

Turbidity Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year

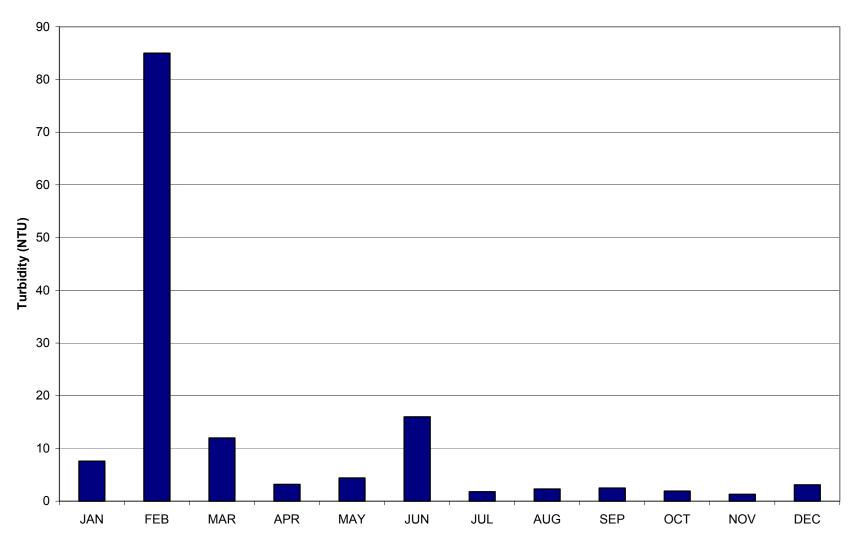


Exhibit 6-5.51

Total Suspended Solids Monitoring in Tucannon River near Marengo
Ecology 35B150: 1997 Water Year
WSU Tucannon 4: 1999 to 2001

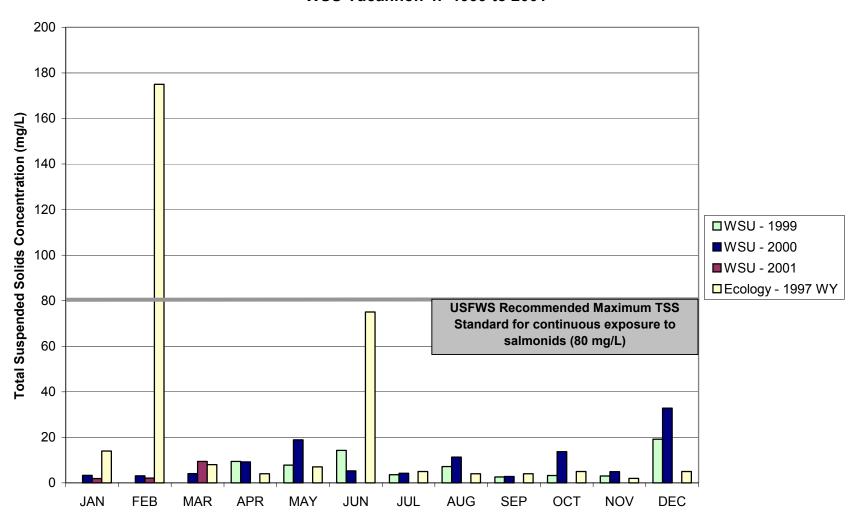
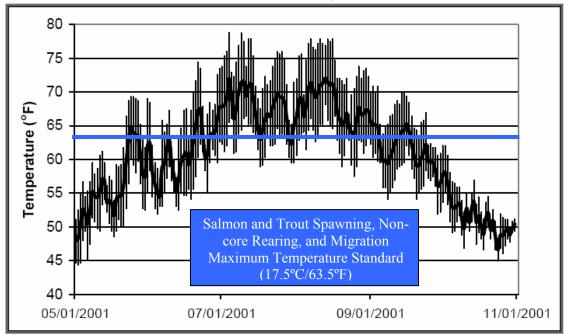
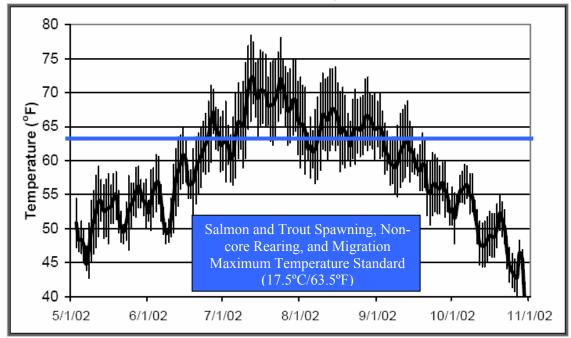


Exhibit 6-5.52
2001 Water Temperature Monitoring in Tucannon River at Highway 12 Bridge WDFW/CCD Monitoring Station



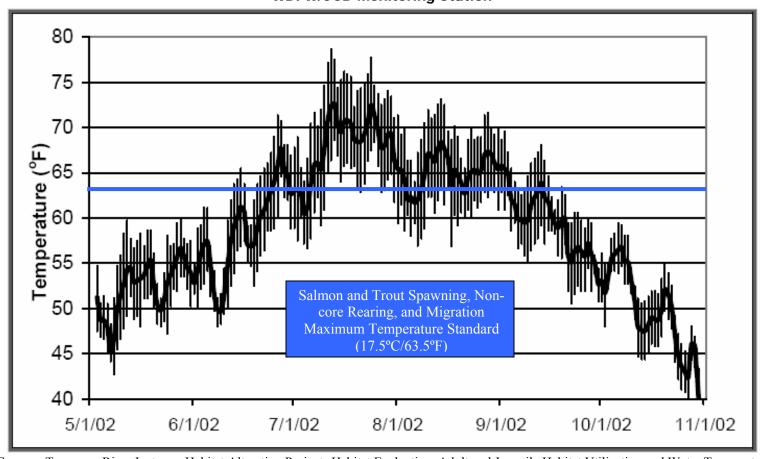
Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 14 (Bumgarner 2002a).

Exhibit 6-5.53
2002 Water Temperature Monitoring in Tucannon River at Highway 12 Bridge WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 15 (Bumgarner 2002b).

Exhibit 6-5.54
2002 Water Temperature Monitoring in Tucannon River at Territorial Road Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 16 (Bumgarner 2002b).

Exhibit 6-5.55

Temperature Monitoring in Tucannon River at Territorial Bridge
WSU Tucannon 3: 1999 to 2001

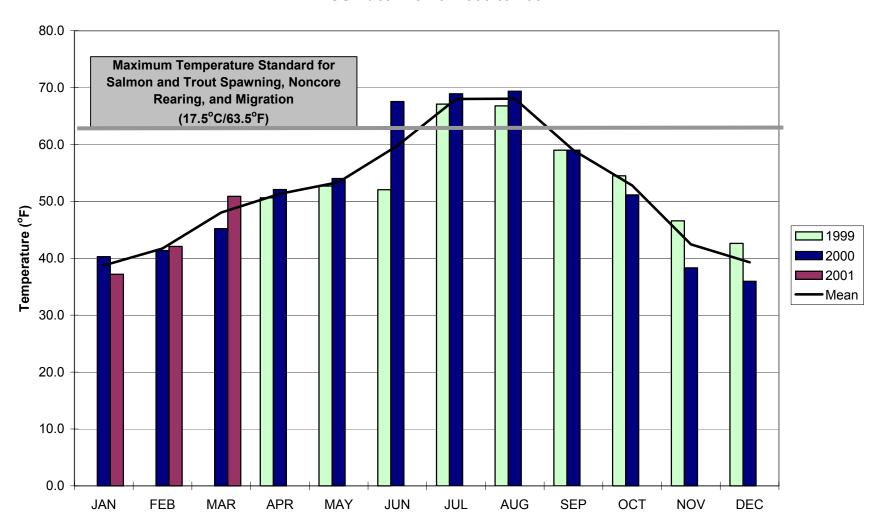


Exhibit 6-5.56

Fecal Coliform Monitoring in Tucannon River at Territorial Bridge
WSU Tucannon 3: 1999 to 2001

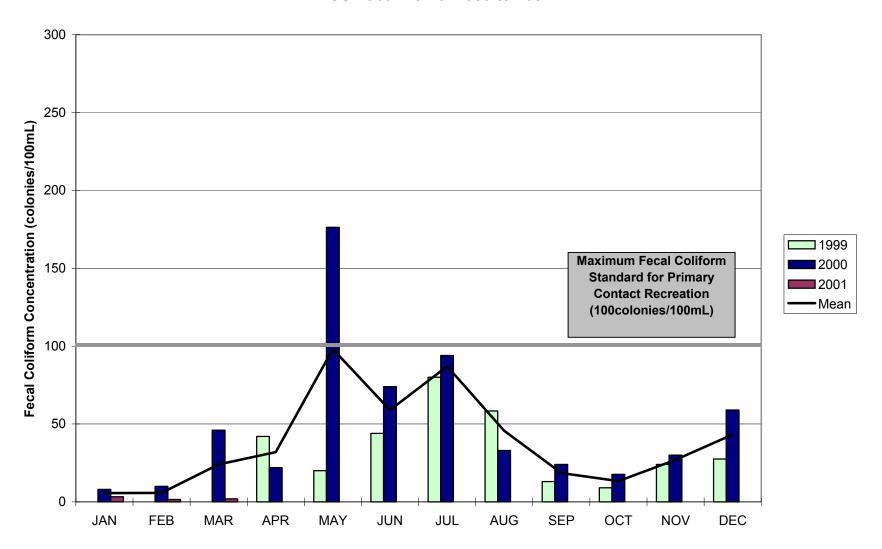


Exhibit 6-5.57

Total Suspended Solids Monitoring in Tucannon River at Territorial Bridge
WSU Tucannon 3: 1999 to 2001

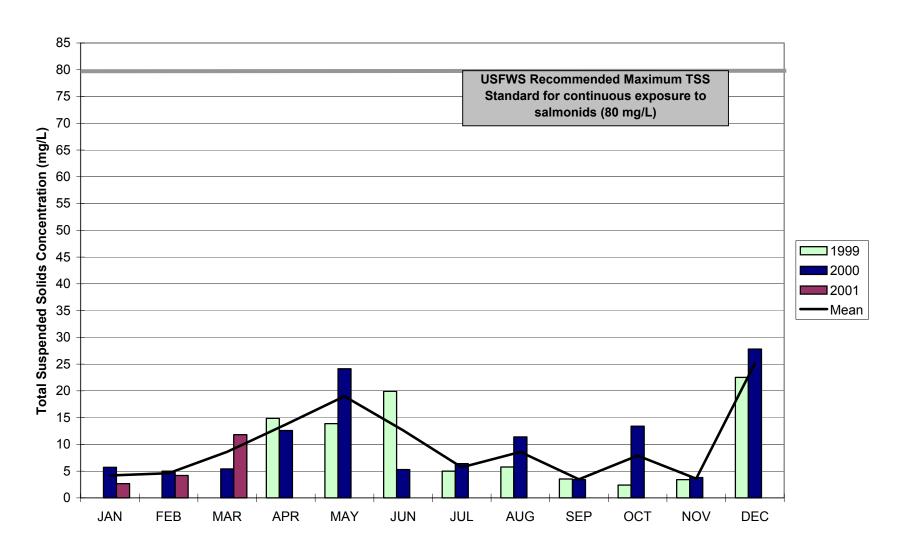
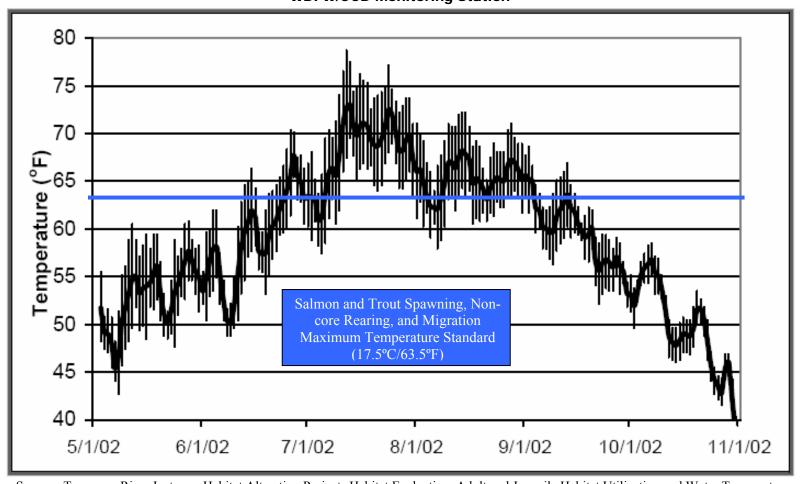


Exhibit 6-5.58

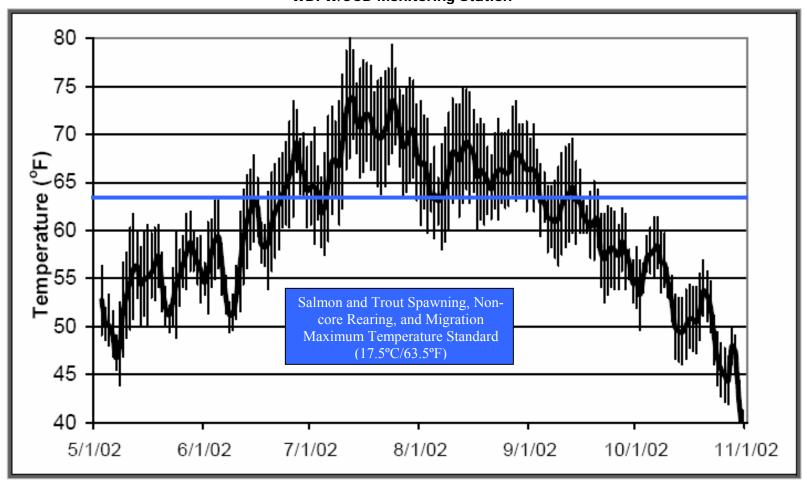
2002 Water Temperature Monitoring in Tucannon River at Ducharme Ranch, River Kilometer 17.5

WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 18 (Bumgarner 2002b).

Exhibit 6-5.59
2002 Water Temperature Monitoring in Tucannon River at Smith Hollow Bridge
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 19 (Bumgarner 2002b).

Exhibit 6-5.60

Temperature Monitoring in Tucannon River downstream of Pataha confluence
WSU Tucannon 2: 1999 to 2001

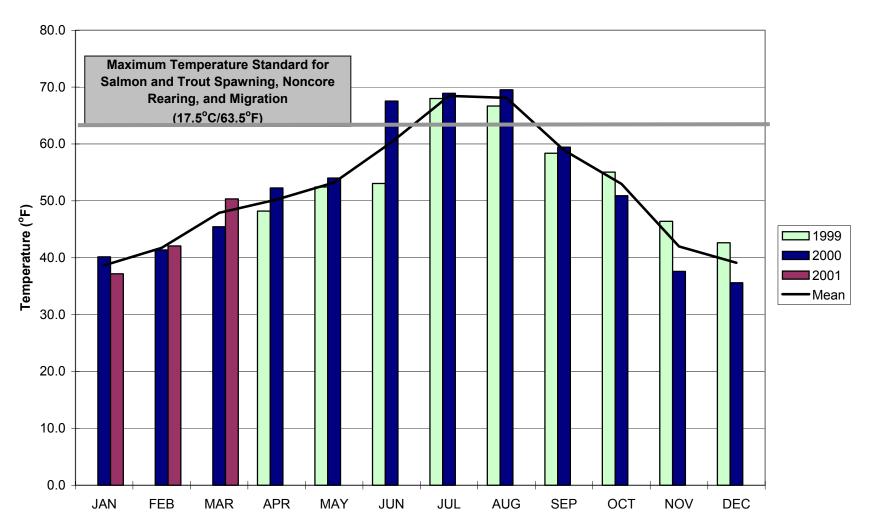


Exhibit 6-5.61

Fecal Coliform Monitoring in Tucannon River downstream of Pataha confluence
WSU Tucannon 2: 1999 to 2001

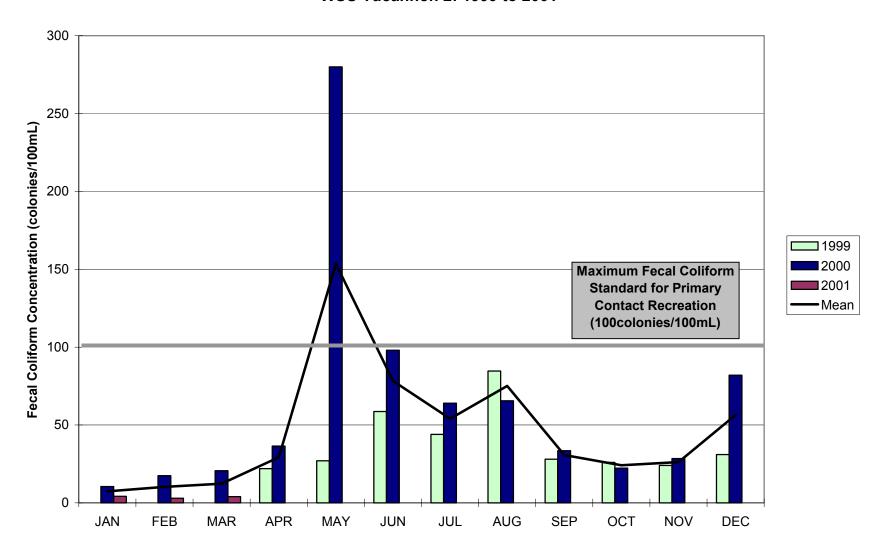


Exhibit 6-5.62

Total Suspended Solids Monitoring in Tucannon River downstream of Pataha confluence

WSU Tucannon 2: 1999 to 2001

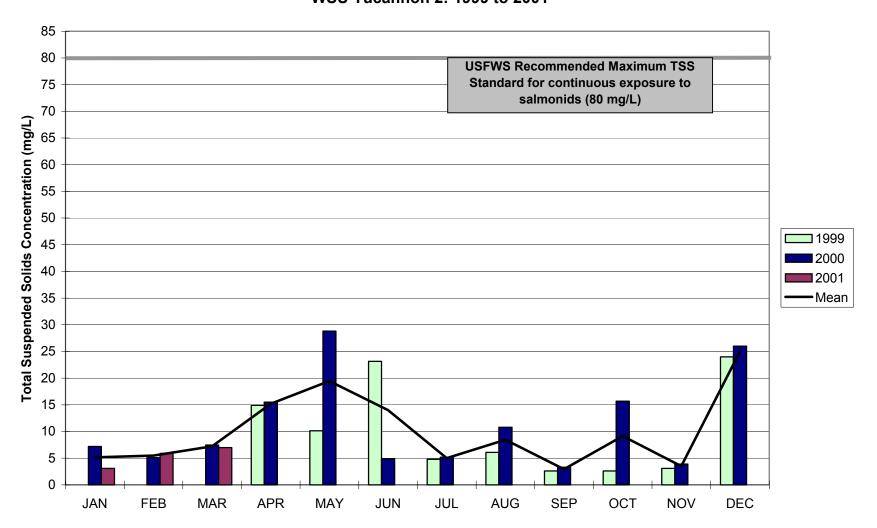
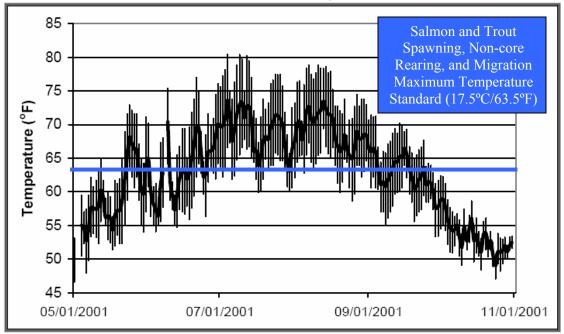
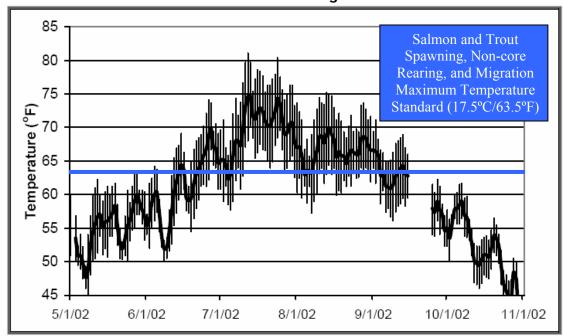


Exhibit 6-5.63
2001 Water Temperature Monitoring in Tucannon River at Smolt Trap
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2001 Progress Report, Appendix B, Figure 15 (Bumgarner 2002a).

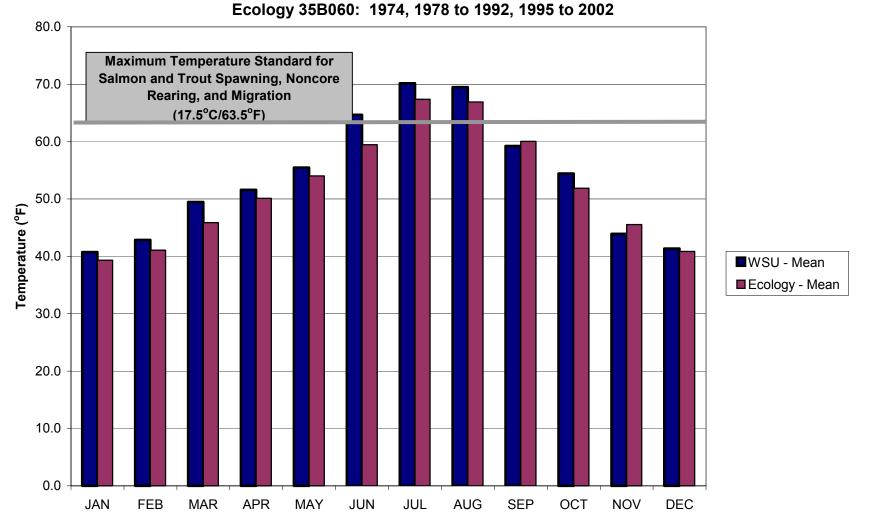
Exhibit 6-5.64
2002 Water Temperature Monitoring in Tucannon River at Smolt Trap
WDFW/CCD Monitoring Station



Source: Tucannon River Instream Habitat Alteration Projects Habitat Evaluation, Adult and Juvenile Habitat Utilization and Water Temperature Monitoring – 2002 Progress Report, Appendix B, Figure 20 (Bumgarner 2002b).

Exhibit 6-5.65

Temperature Monitoring in Tucannon River from Kellog Creek Confluence to Mouth
WSU Tucannon 1: 1999 to 2001



Fecal Coliform Monitoring in Tucannon River from Kellog Creek Confluence to Mouth
WSU Tucannon 1: 1999 to 2001

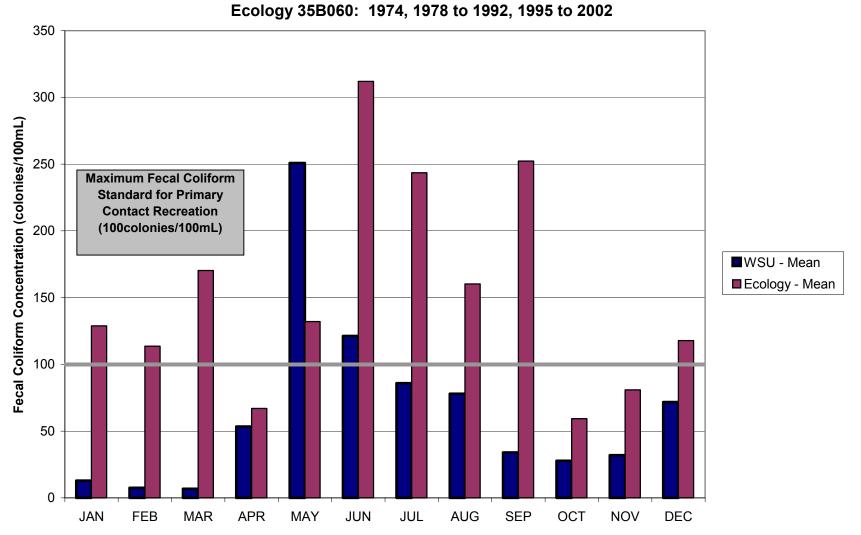


Exhibit 6-5.67

Fecal Coliform Monitoring in Tucannon River at Powers
Ecology 35B060: 1974, 1978 to 1992, 1995 to 2002

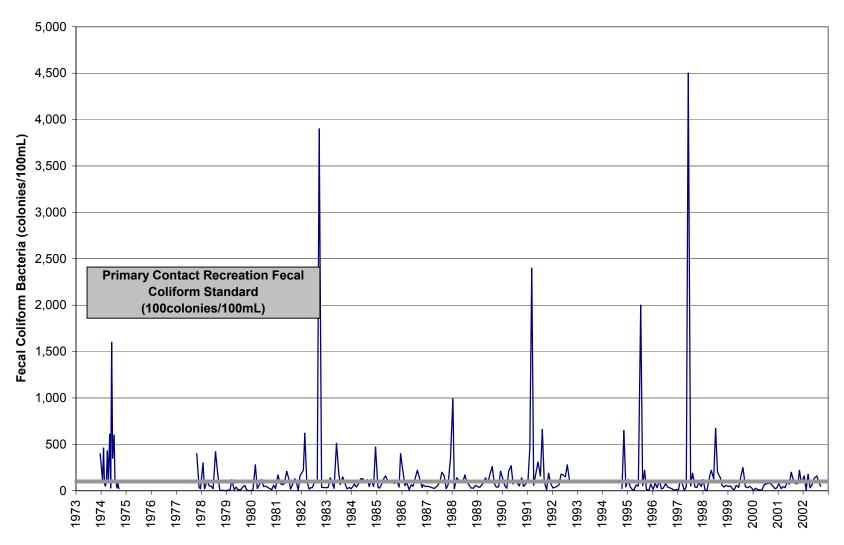


Exhibit 6-5.68

Mean Monthly pH Monitoring in Tucannon River at Powers
Ecology 35B060: 1974, 1979 to 1992, 1995 to 2002

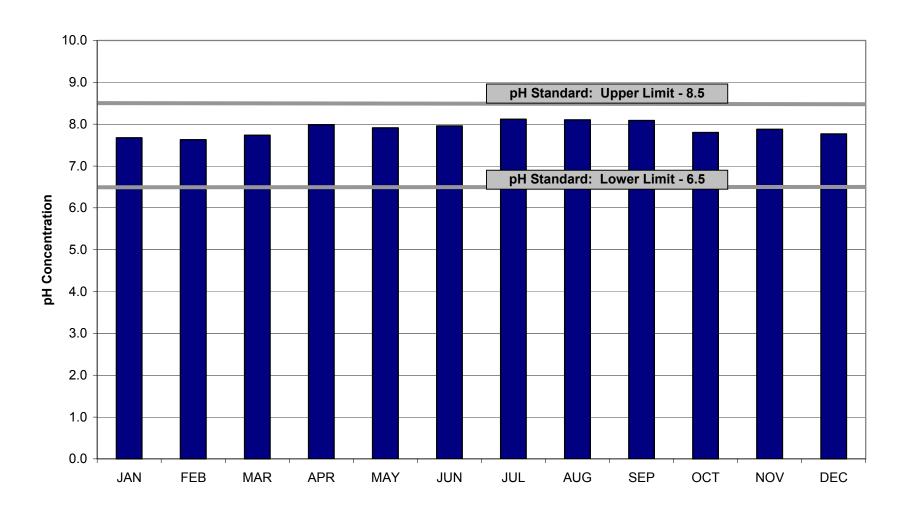


Exhibit 6-5.69

Mean Monthly Dissolved Oxygen Monitoring in Tucannon River at Powers
Ecology 35B060: 1974, 1979 to 1992, 1995 to 2002

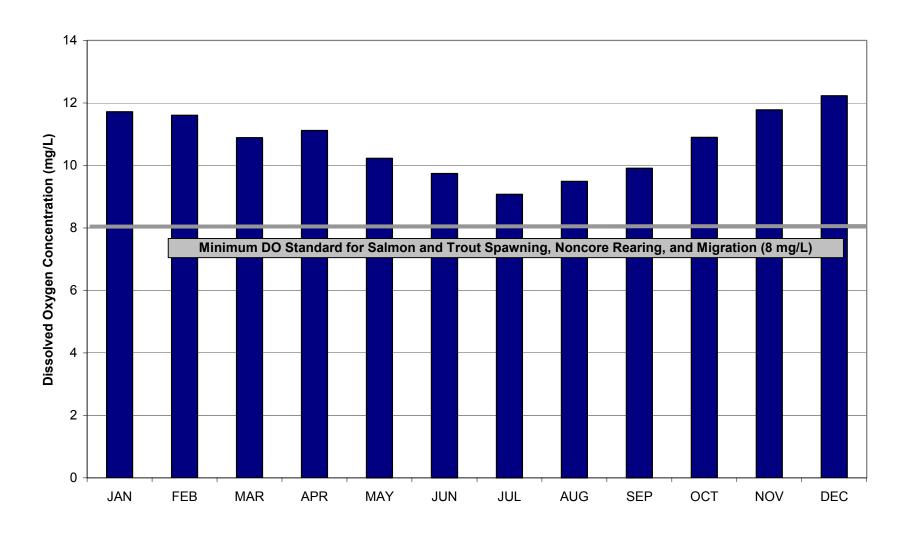


Exhibit 6-5.70

Mean Turbidity Monitoring in Tucannon River at Powers
Ecology 35B060: 1978 to 1992, 1995 to 2002

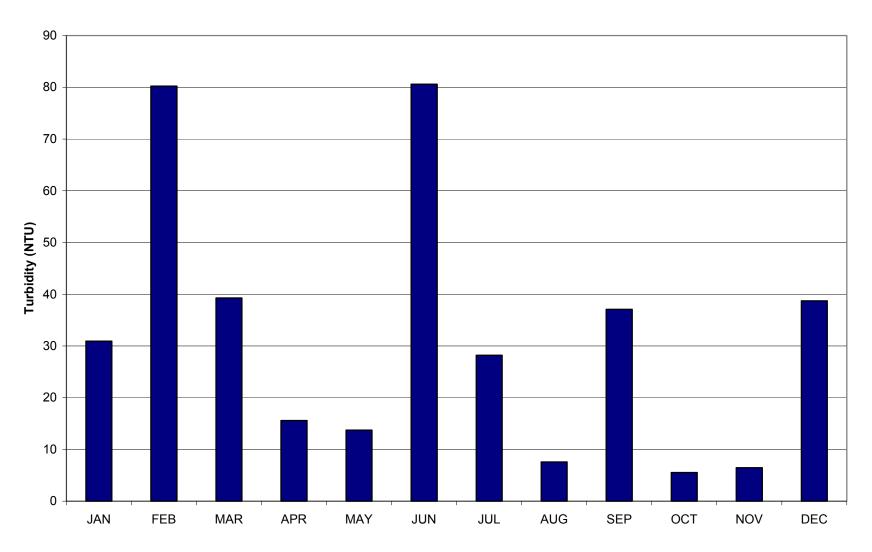


Exhibit 6-5.71

Total Suspended Solids Monitoring in Tucannon River from Kellog Creek Confluence to Mouth

WSU Tucannon 1: 1999 to 2001



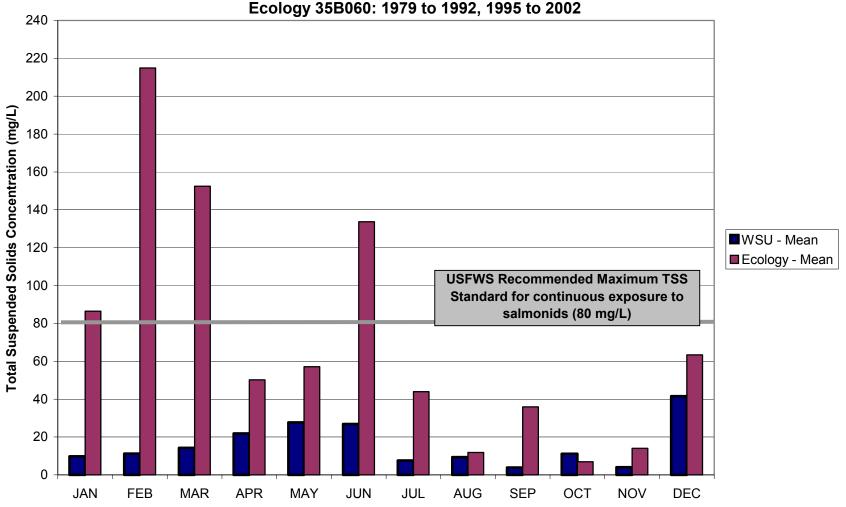


Exhibit 6-5.72

Temperature Monitoring in Sheep Creek near the mouth USFS Monitoring Station: 2003

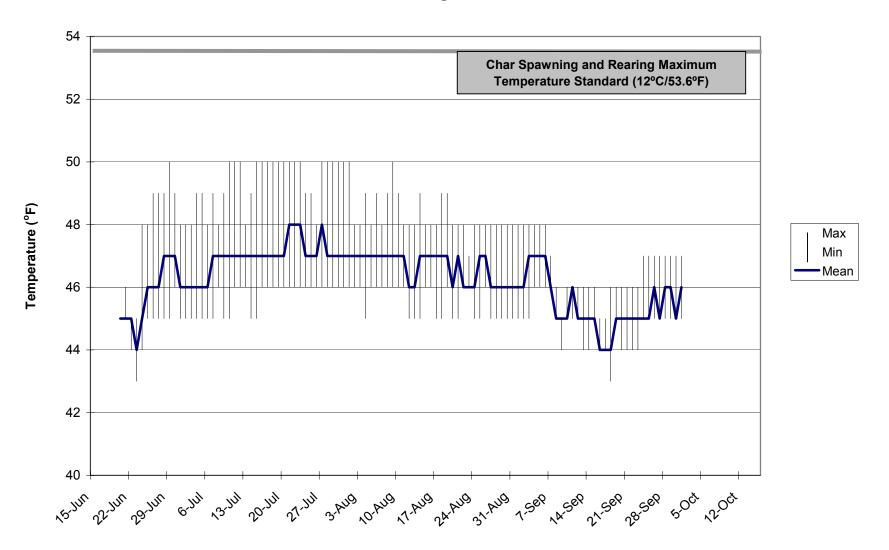


Exhibit 6-5.73

Temperature Monitoring in Panjab Creek at Mouth USFS 14030001: 2003

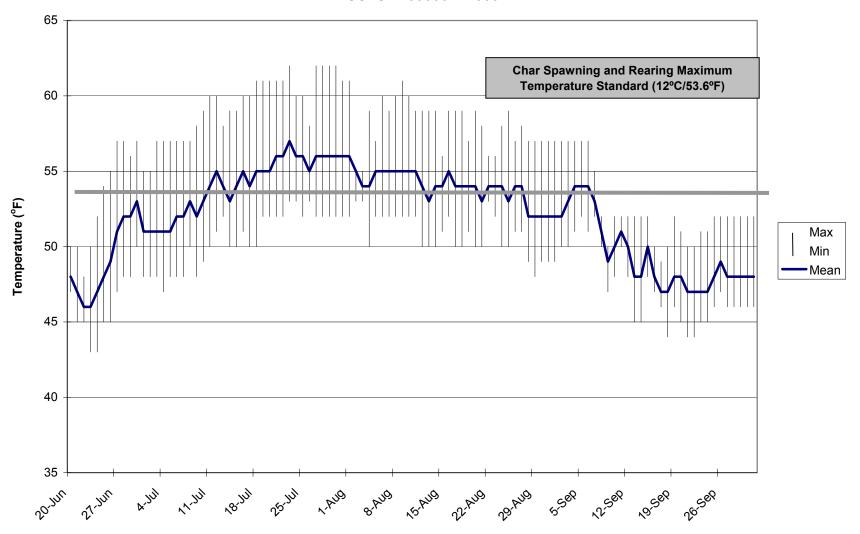


Exhibit 6-5.74

Temperature Monitoring in Meadow Creek at Mouth
USFS Monitoring Station: 2003

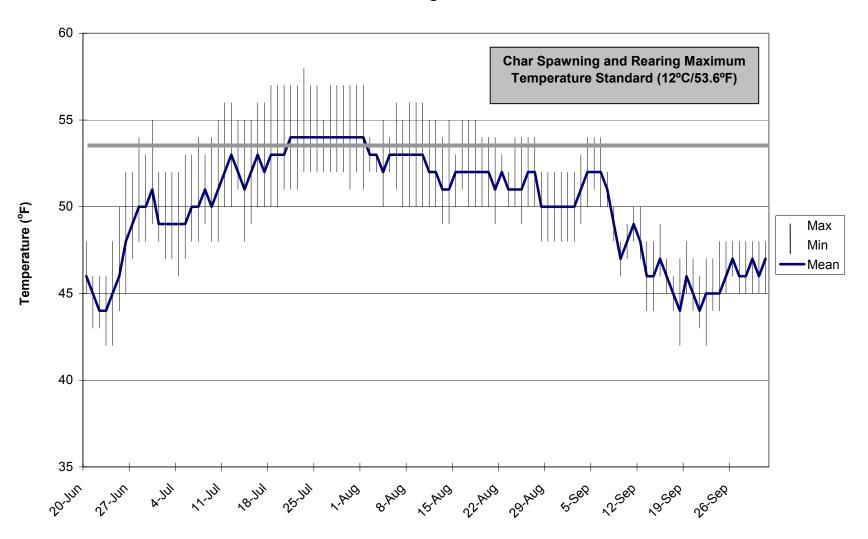


Exhibit 6-5.75

Temperature Monitoring in Little Tucannon River at Mouth USFS Monitoring Station: 2003

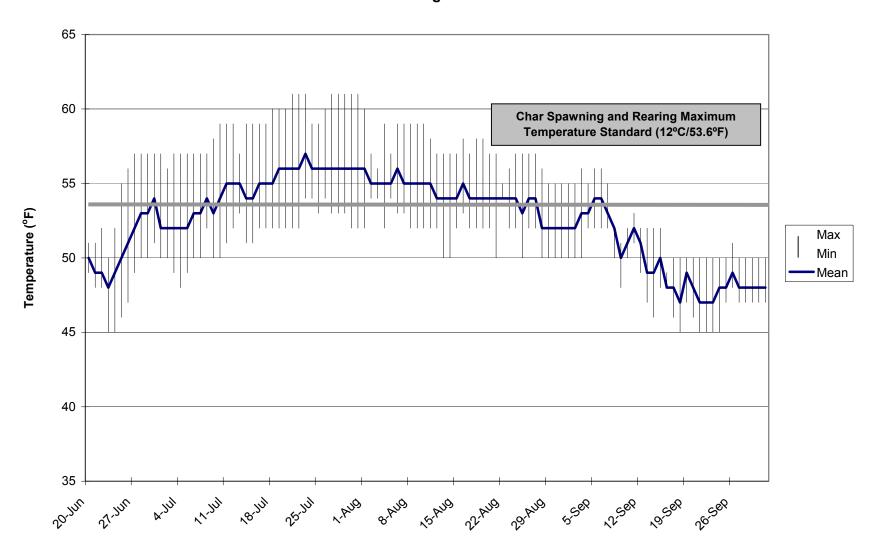


Exhibit 6-5.76

Temperature Monitoring in Hixon Creek
USFS Monitoring Station: 2003

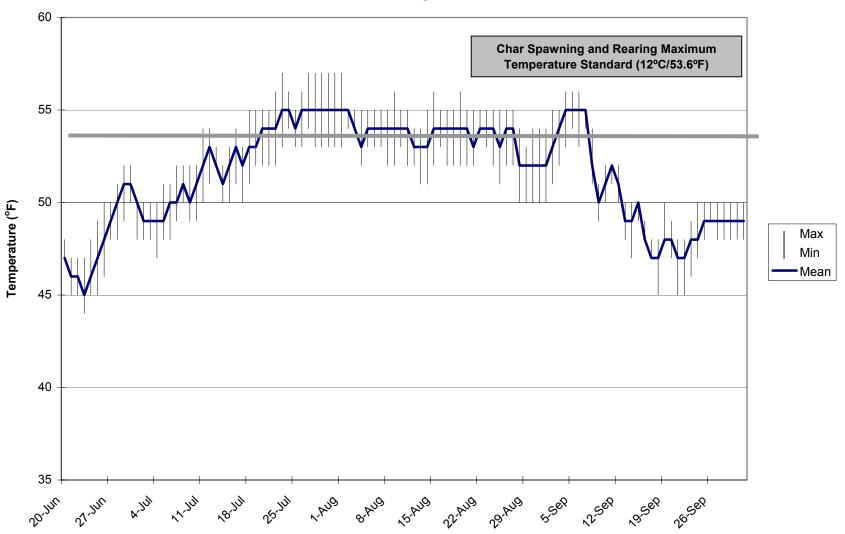


Exhibit 6-5.77

Temperature Monitoring in Cummings Creek at Mouth USFS Monitoring Station: 2003

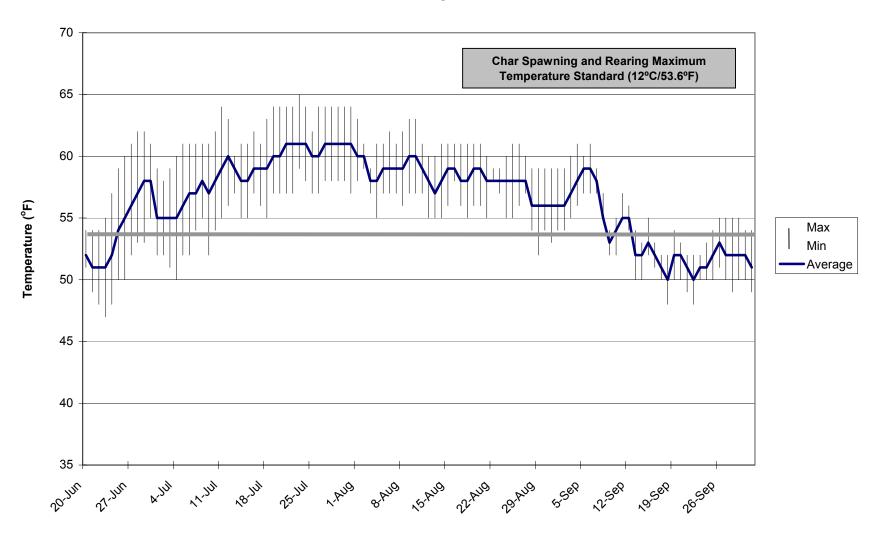


Exhibit 6-5.78

Mean Monthly Total Suspended Solids Monitoring in Cummings Creek
USFS 140300017: 1978 to 1995

