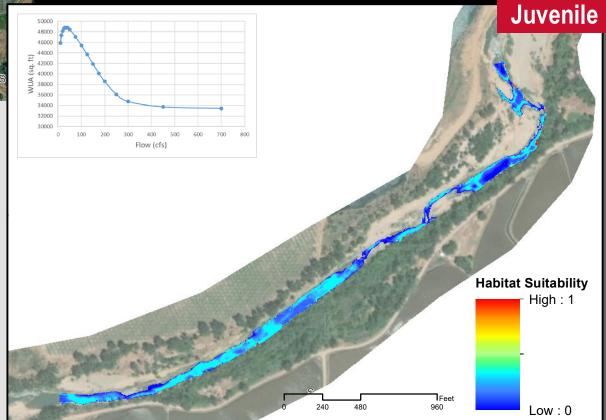
Attachment 3.3.3C Weighted Usable Area Map Sets

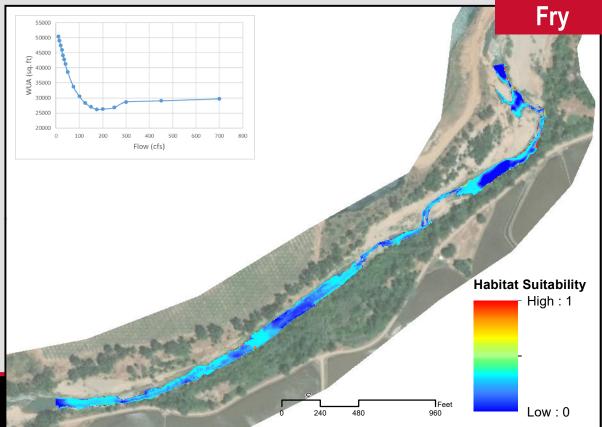
Maps Summarizing the Location and Quality of Fall-Run Chinook Salmon and Steelhead Habitat at the Upstream and Downstream Sites Modeled by SSWD

Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 10 cfs

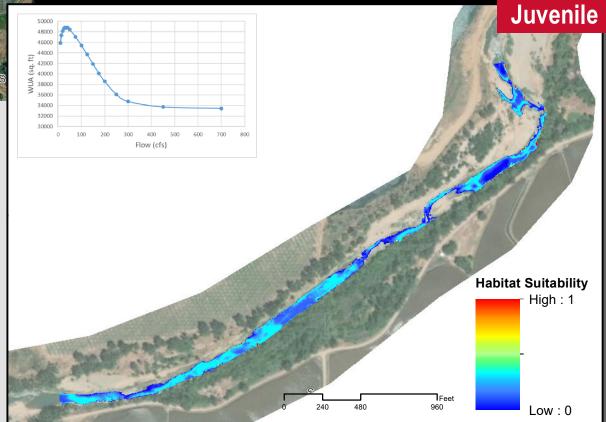


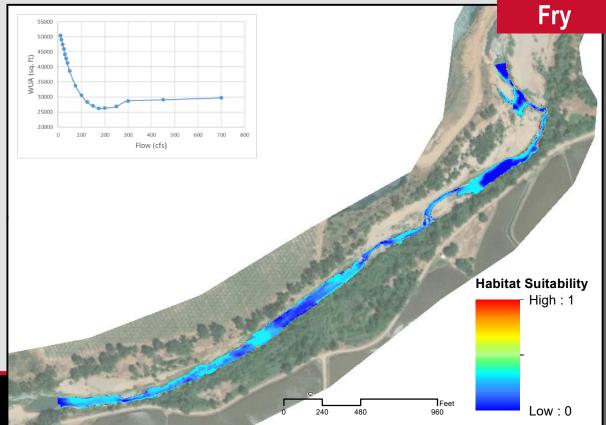


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 15 cfs

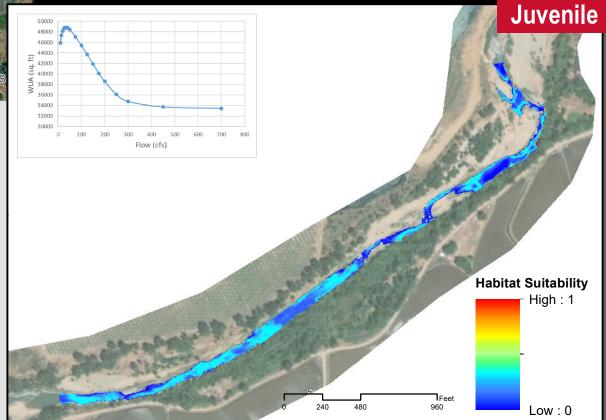


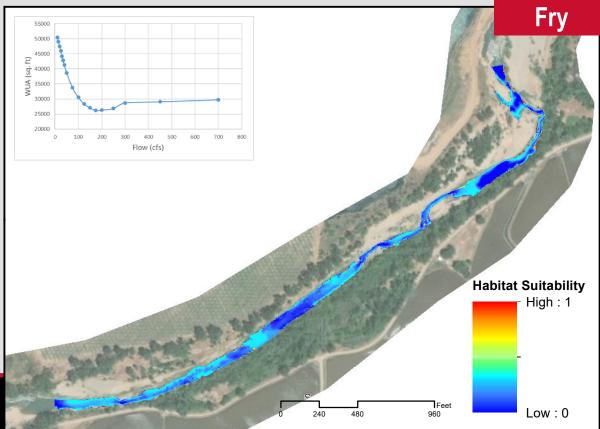


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 20 cfs

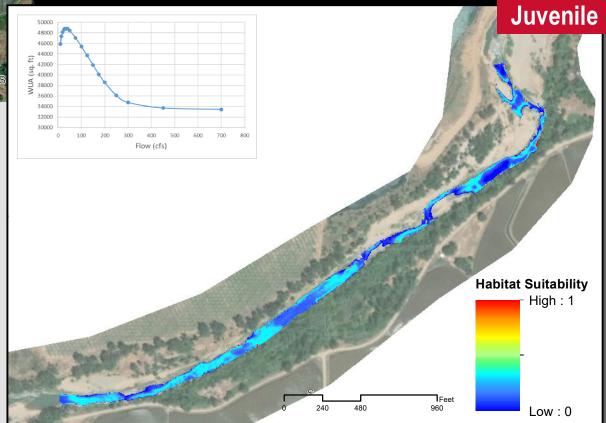


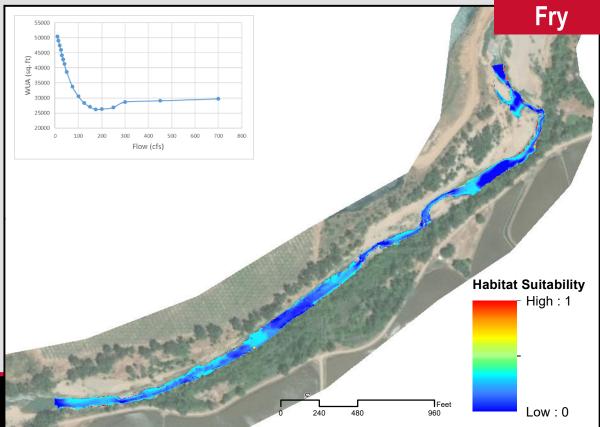


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon
Upstream Study Site 25 cfs

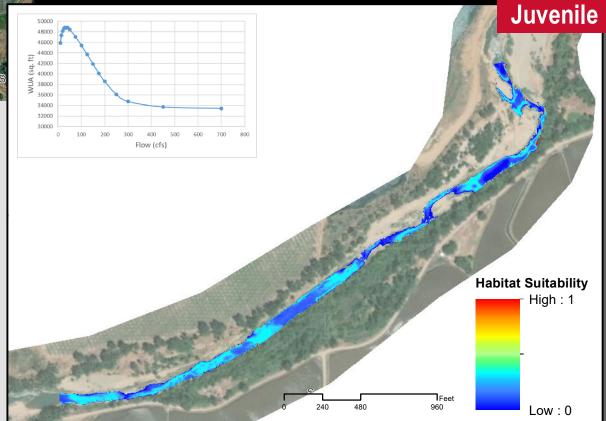


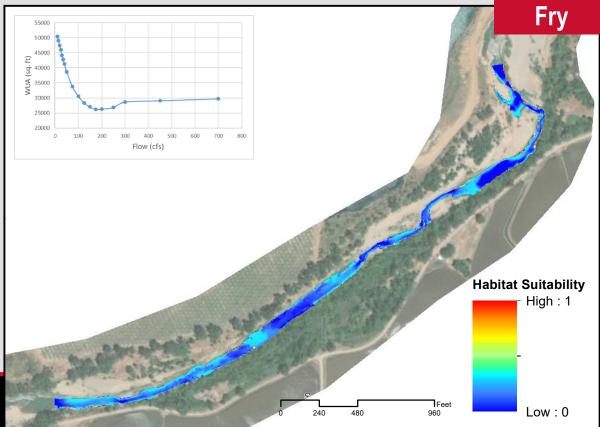


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon
Upstream Study Site 30 cfs

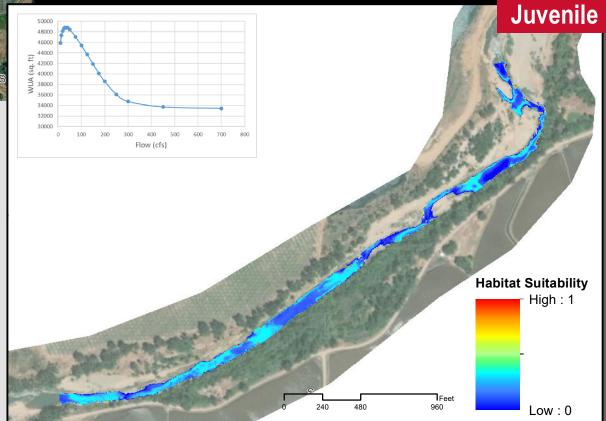


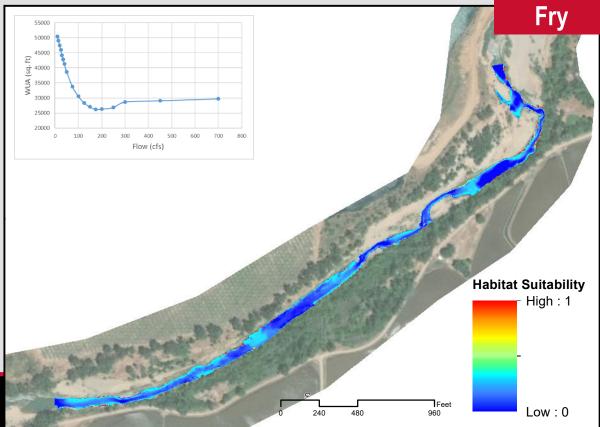


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 35 cfs

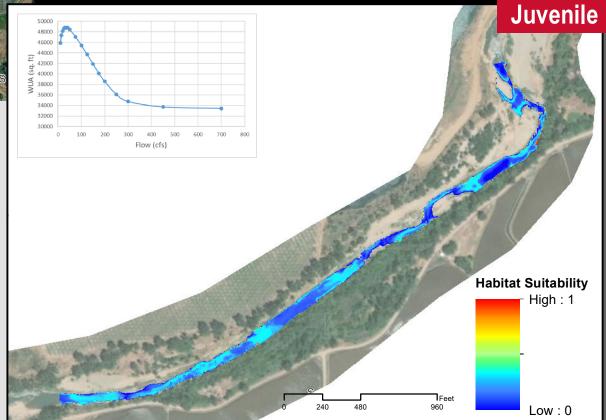


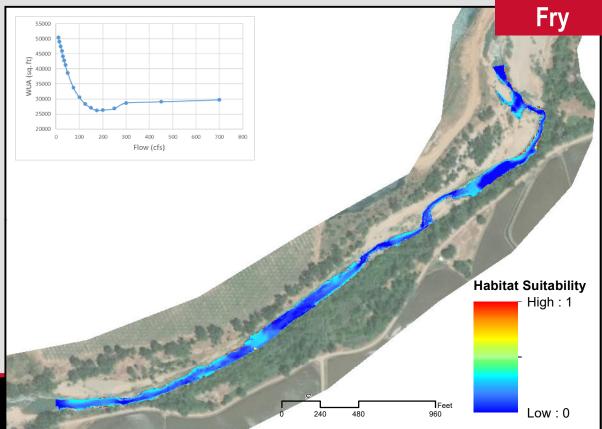


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 40 cfs

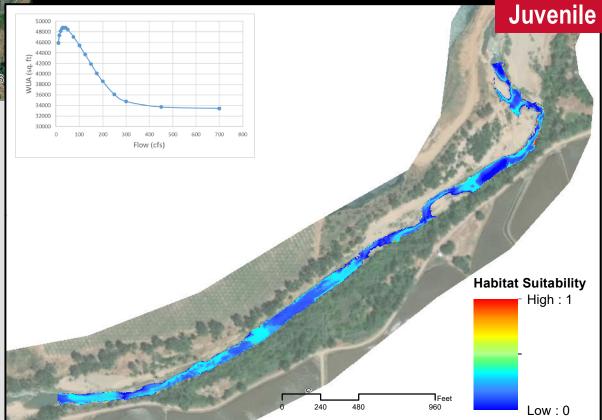


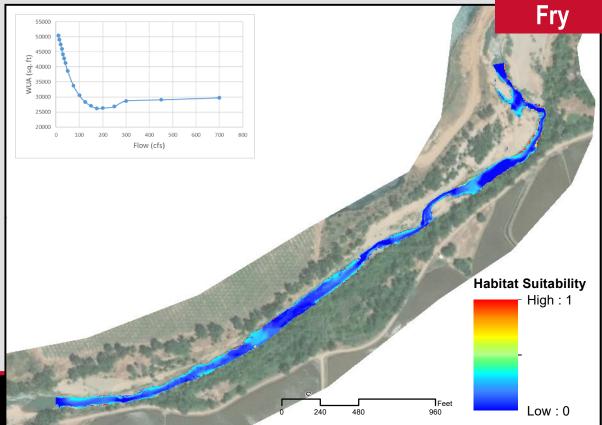


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon
Upstream Study Site 50 cfs

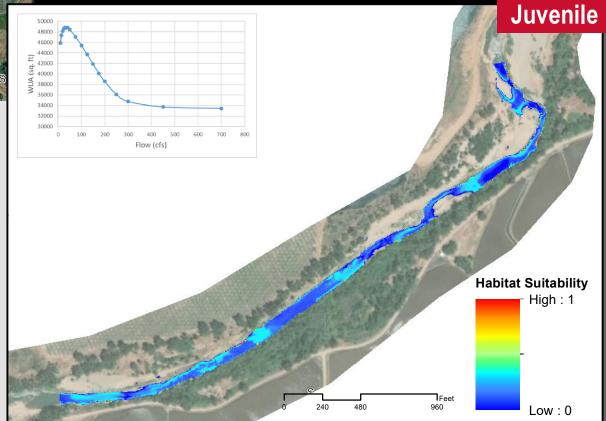


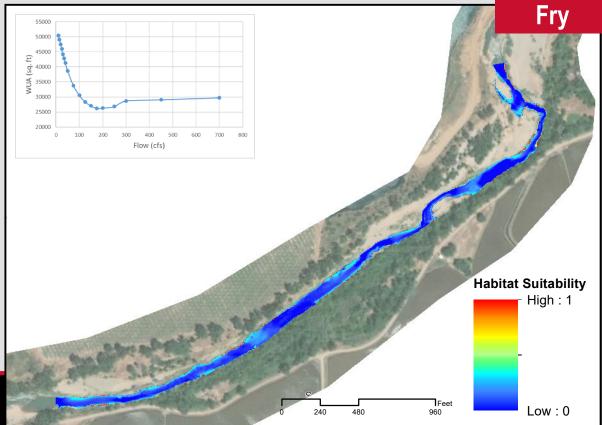


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 75 cfs

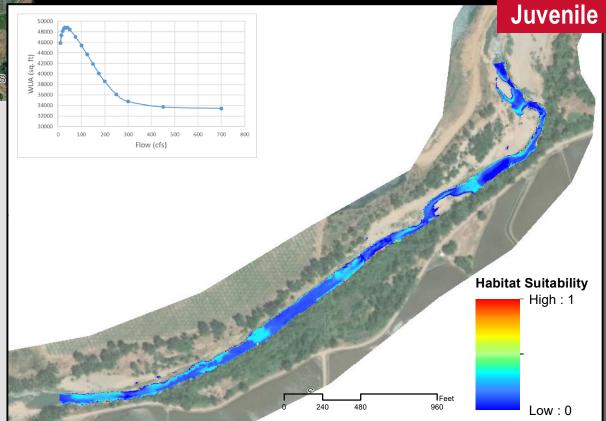


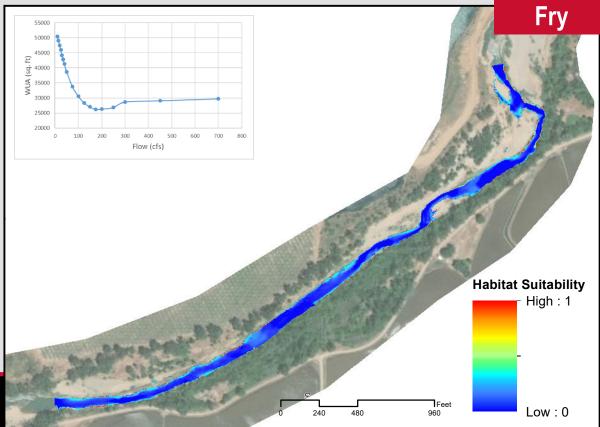


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 100 cfs

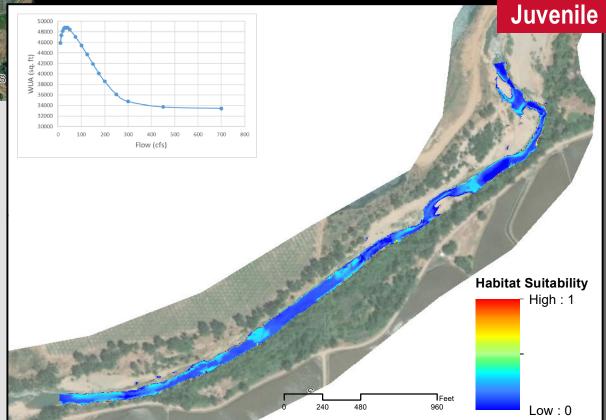


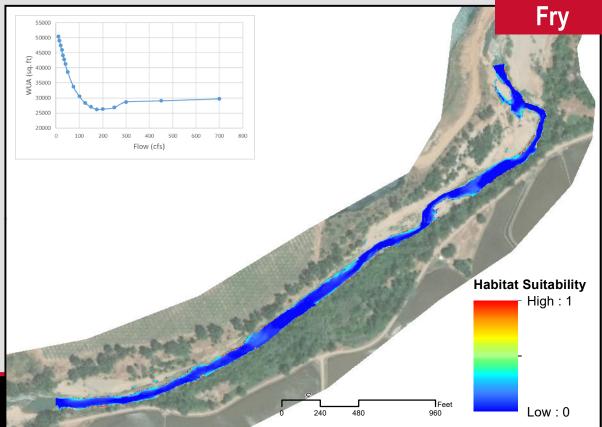


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 125 cfs

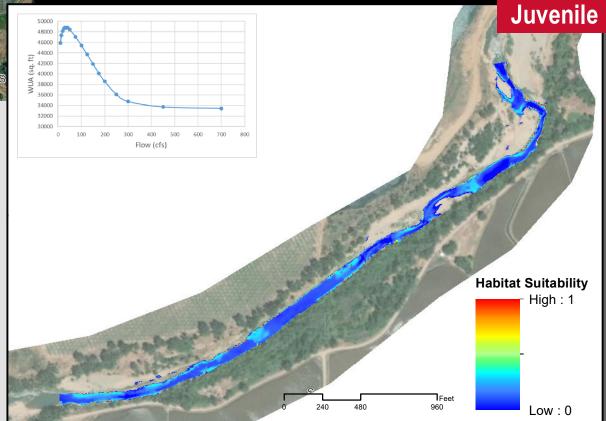


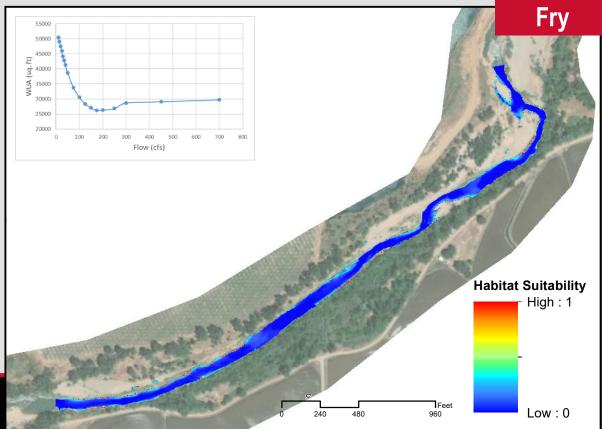


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 150 cfs

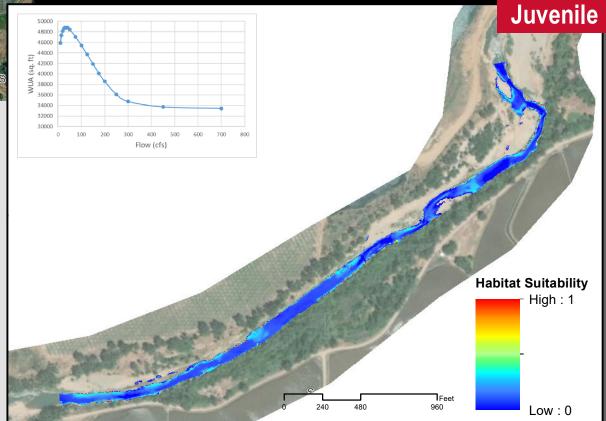


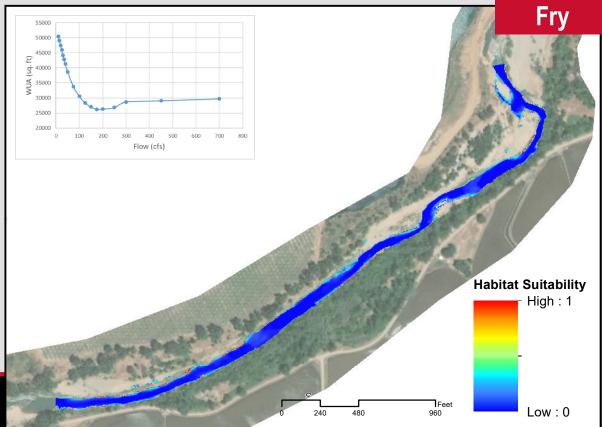


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 175 cfs

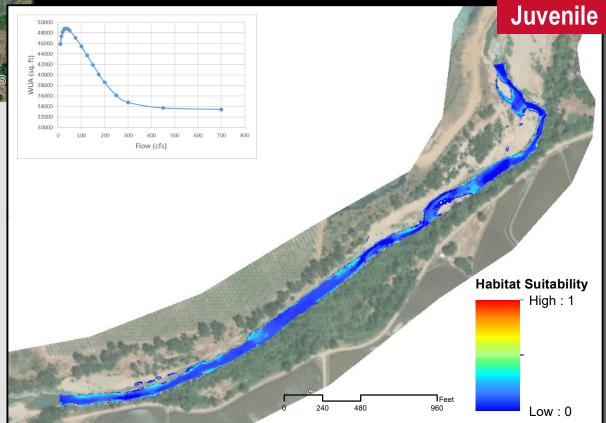


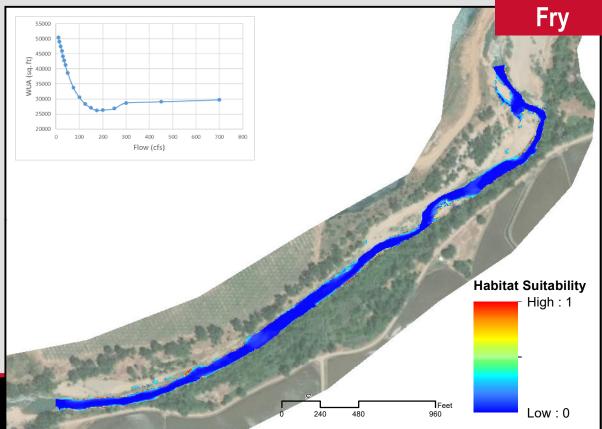


Lower Bear River - Instream Flow Study

SSMD FJS

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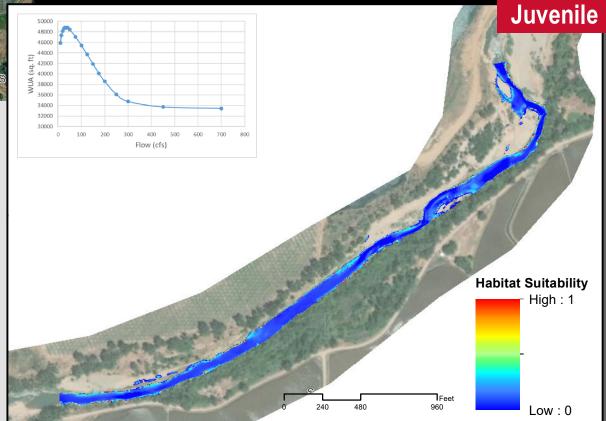


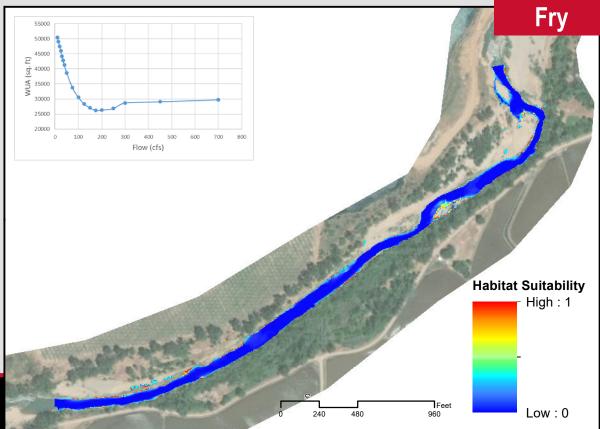


Lower Bear River - Instream Flow Study

SSMD FJS

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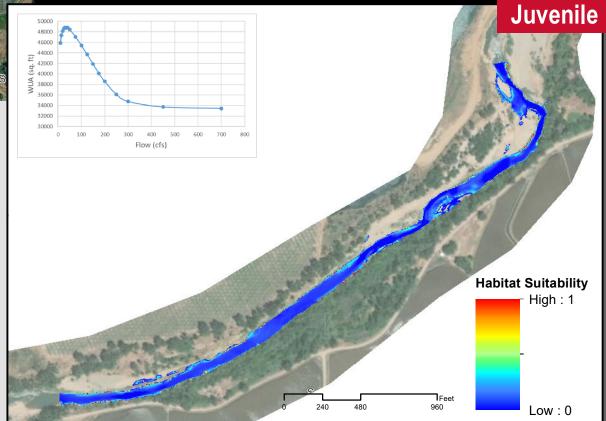


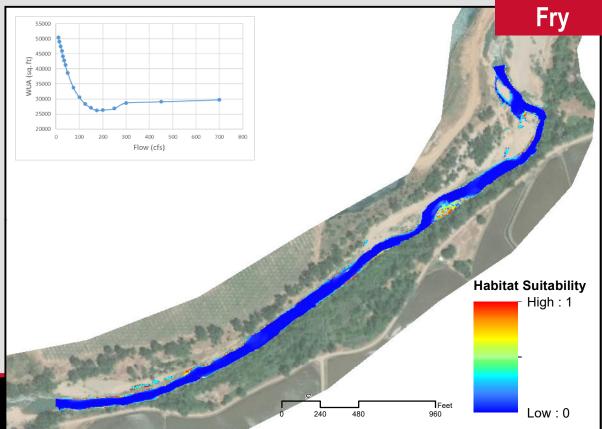


Lower Bear River - Instream Flow Study

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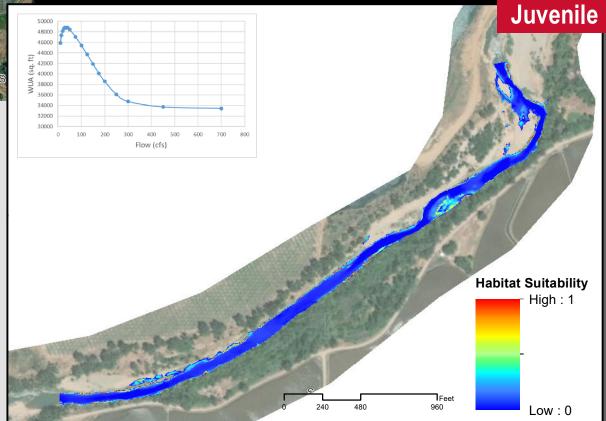


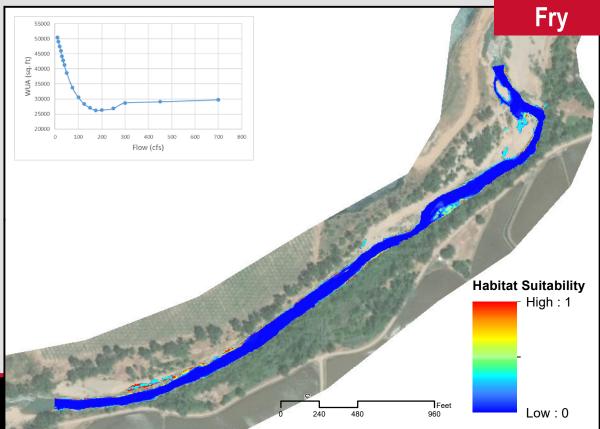


Lower Bear River - Instream Flow Study

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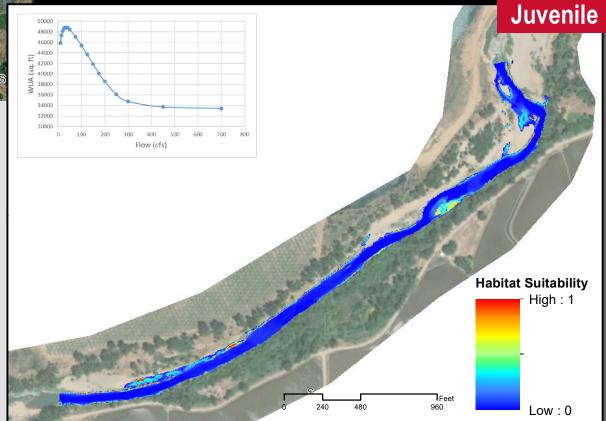


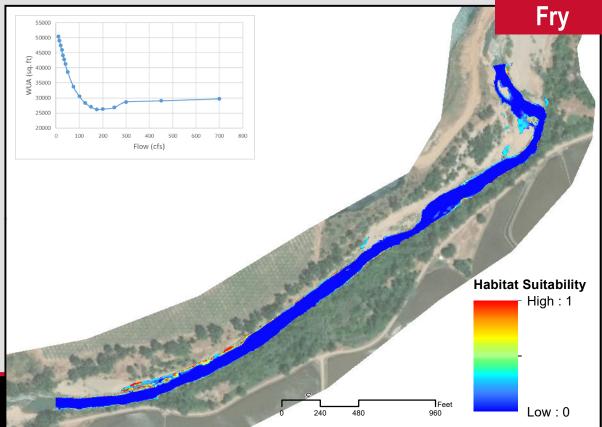


Lower Bear River - Instream Flow Study

SSMD FJS

Fall-Run Chinook Salmon Upstream Study Site 700 cfs





Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 10 cfs Upstream Site **Downstream Site Juvenile Spawning** 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 15 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 20 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 25 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 30 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 35 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 40 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 50 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 75 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 100 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study SSWI F3 Fall-Run Chinook Salmon Downstream Study Site 125 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 150 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FOR Fall-Run Chinook Salmon Downstream Study Site 175 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI For Fall-Run Chinook Salmon Downstream Study Site 200 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 250 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 300 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 5000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

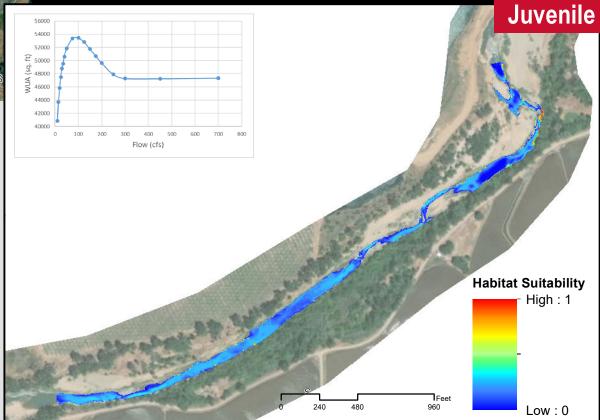
Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 450 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 5000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

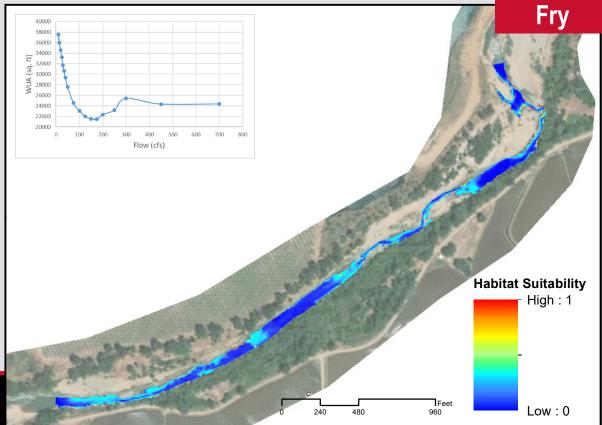
Lower Bear River - Instream Flow Study Fall-Run Chinook Salmon Downstream Study Site 700 cfs Upstream Site **Downstream Site Juvenile** Spawning 20000 WUA (sq. ft) 10000 5000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** High: 1 Low: 0

Lower Bear River - Instream Flow Study

SSWD FDR

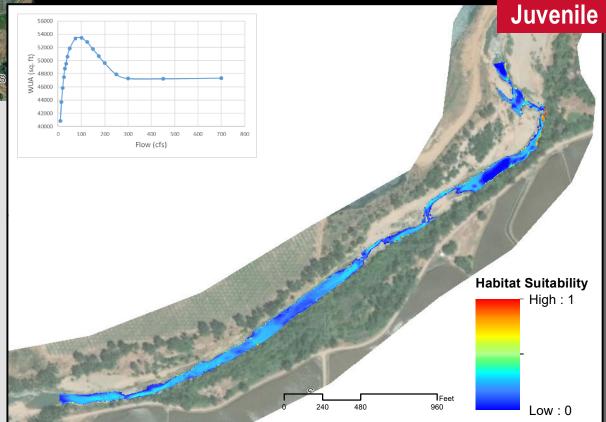
Steelhead Upstream Study Site 10 cfs

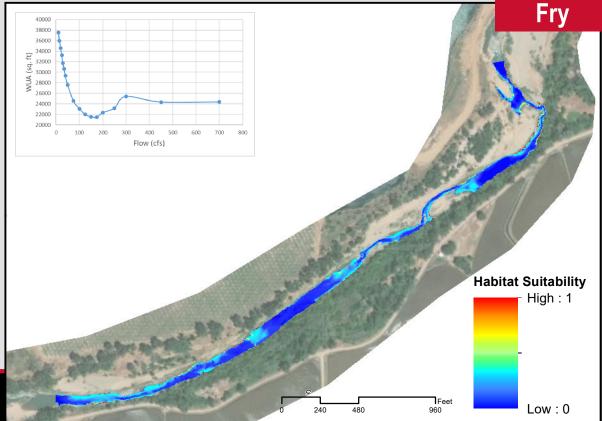




Lower Bear River - Instream Flow Study

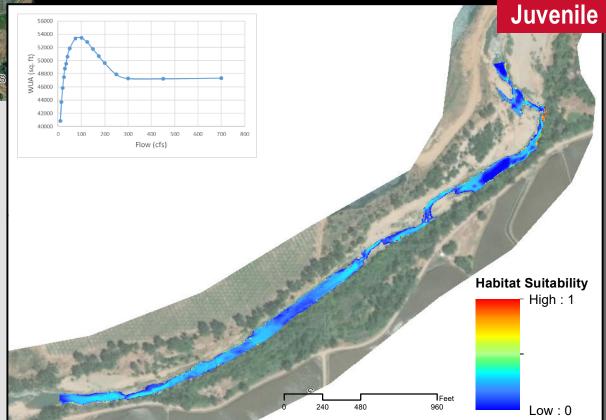
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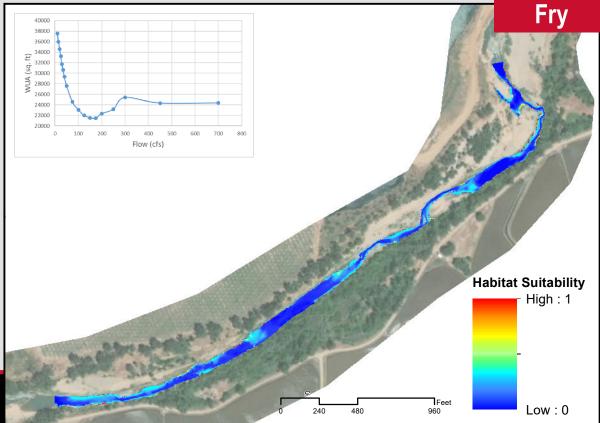




Lower Bear River - Instream Flow Study

Steelhead Upstream Study Site 20 cfs

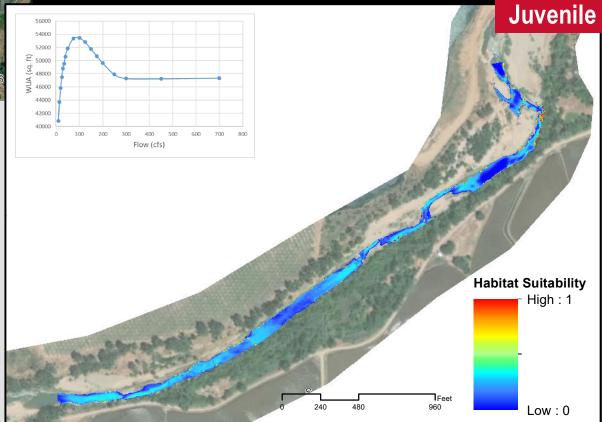


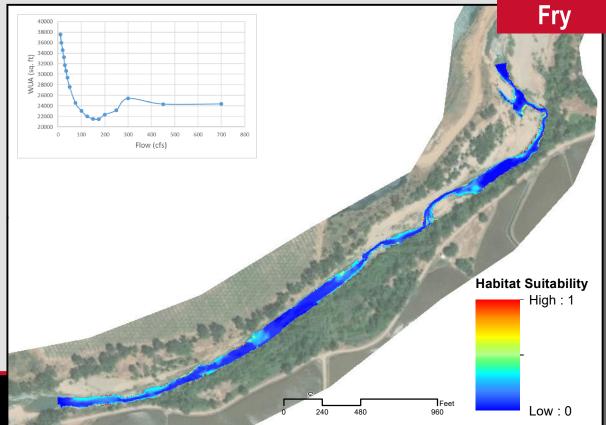


Lower Bear River - Instream Flow Study

SSWD FDR

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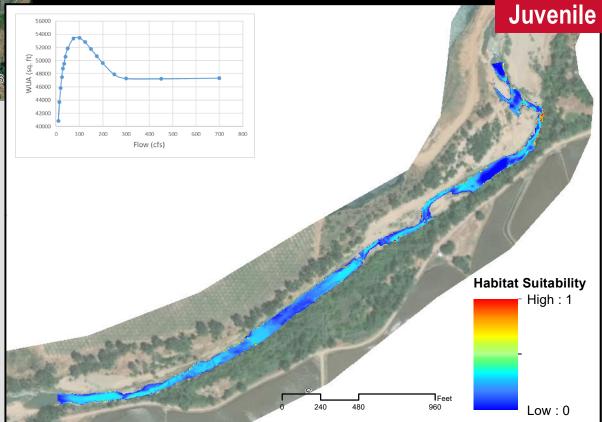


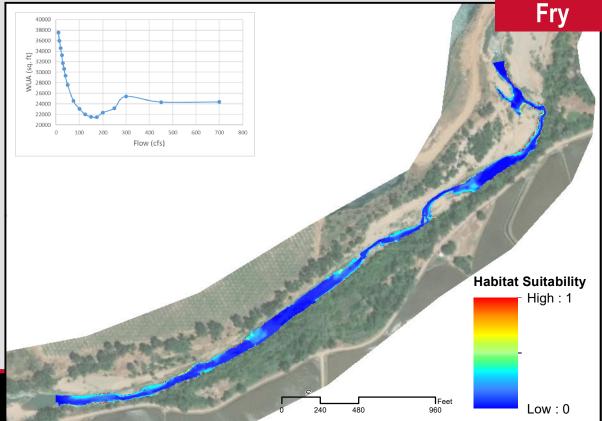


Lower Bear River - Instream Flow Study

SSWD FDR

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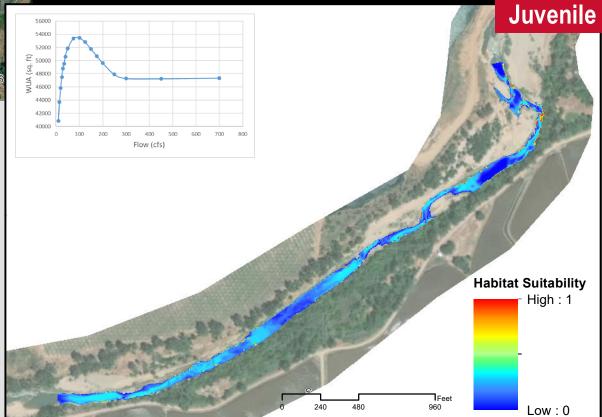


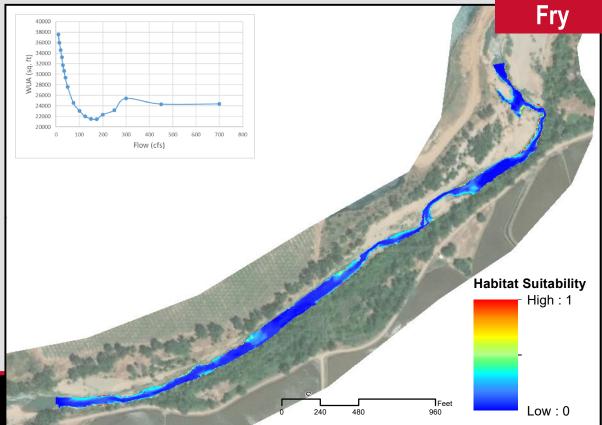


Lower Bear River - Instream Flow Study

SSWD FDR

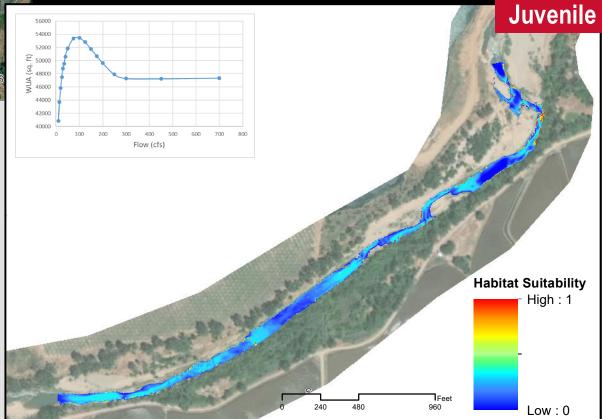
Steelhead Upstream Study Site 35 cfs

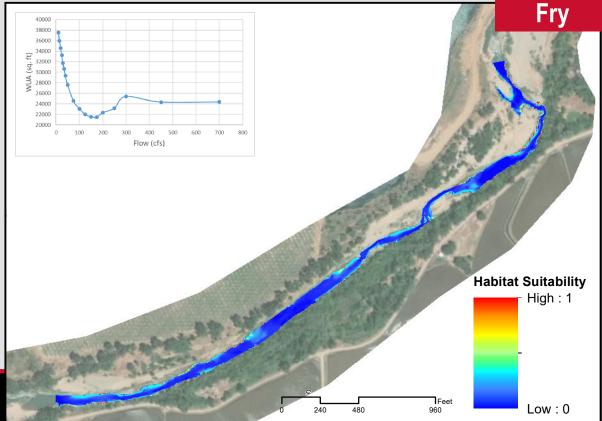




Lower Bear River - Instream Flow Study

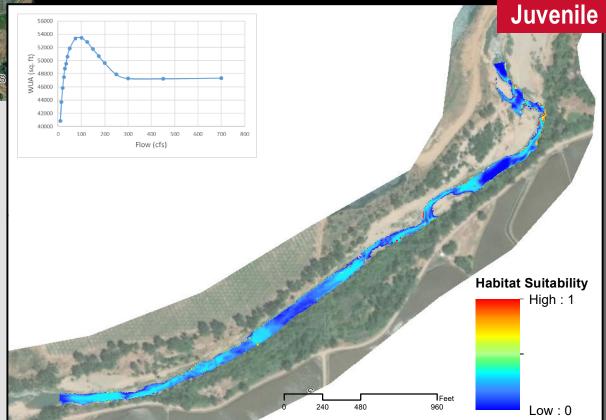
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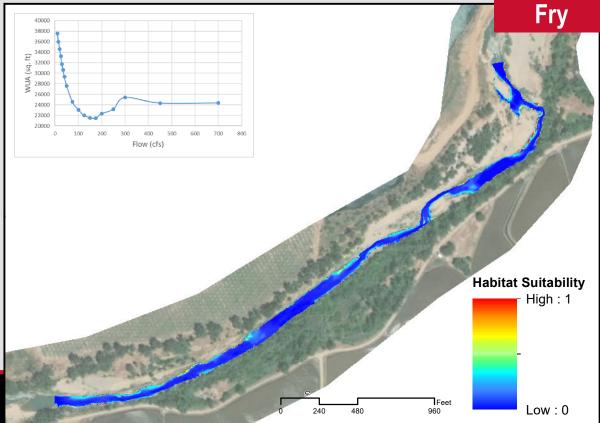




Lower Bear River - Instream Flow Study

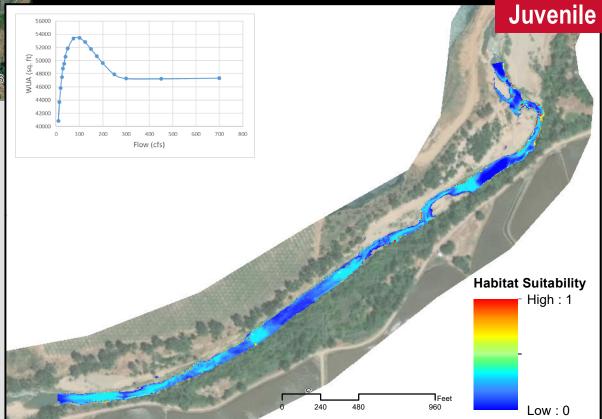
Steelhead Upstream Study Site 50 cfs

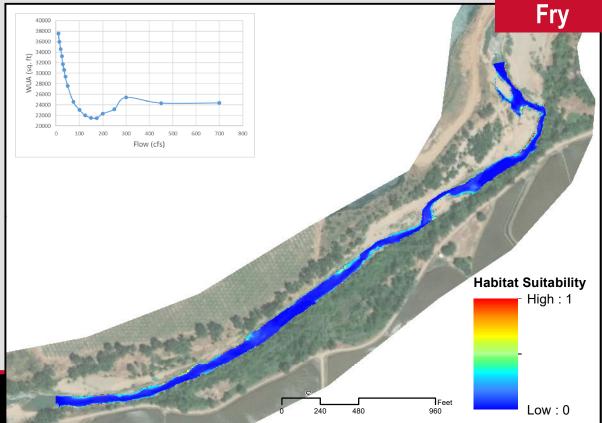




Lower Bear River - Instream Flow Study

Steelhead Upstream Study Site 75 cfs

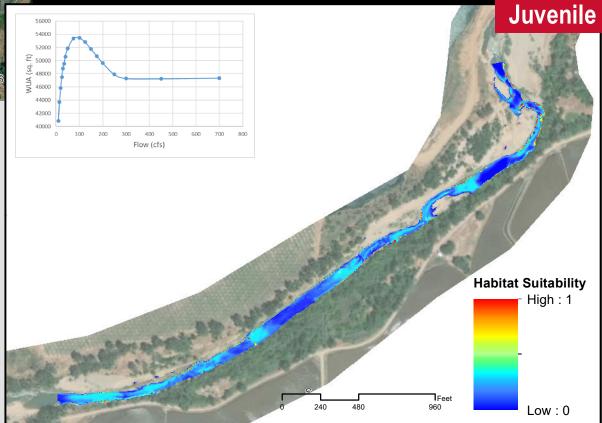


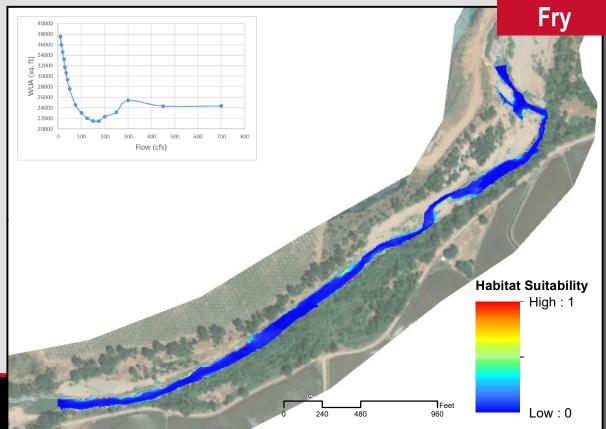


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 100 cfs

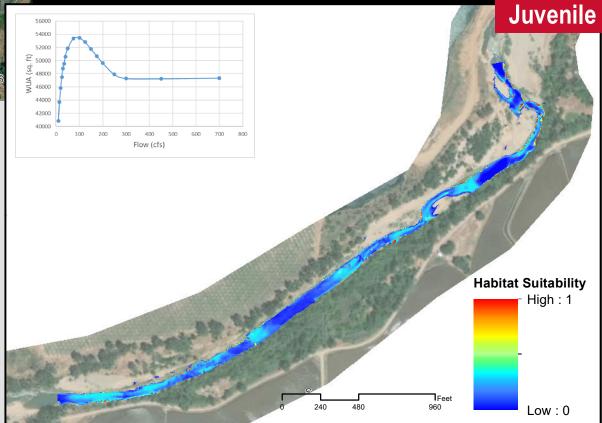


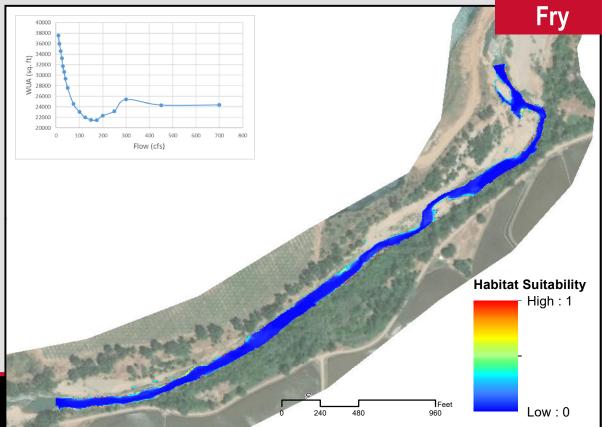


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead
Upstream Study Site 125 cfs

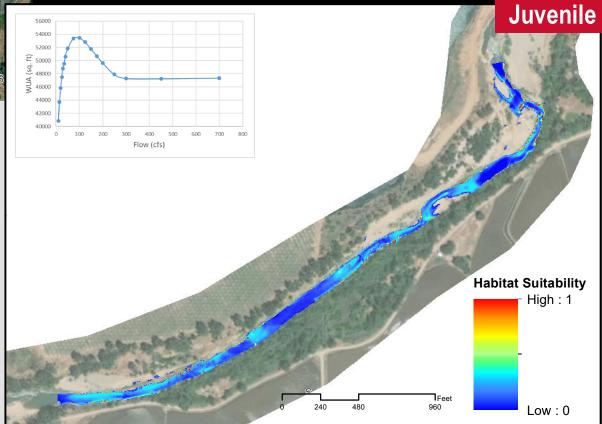


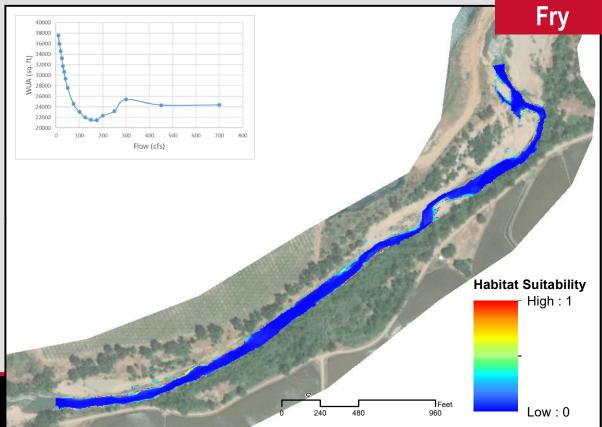


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 150 cfs

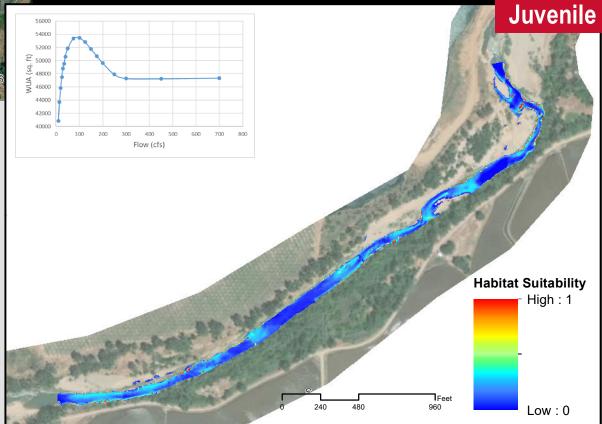


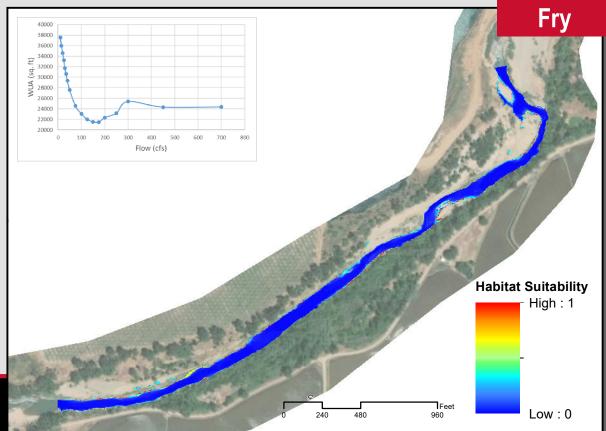


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 175 cfs

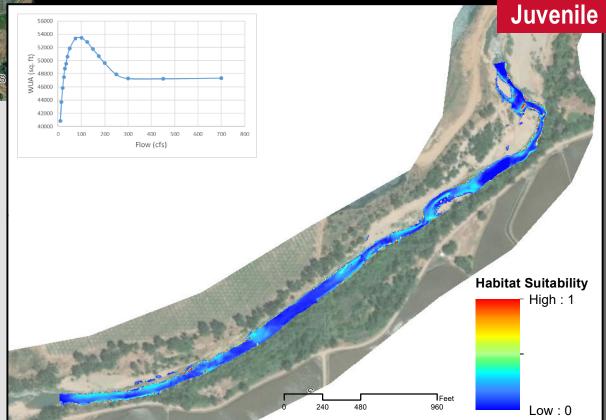


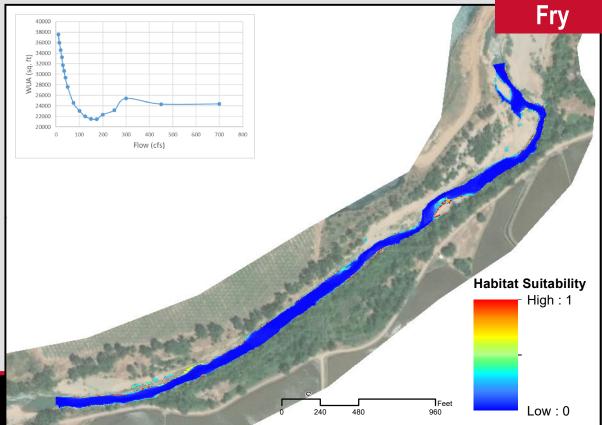


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 200 cfs

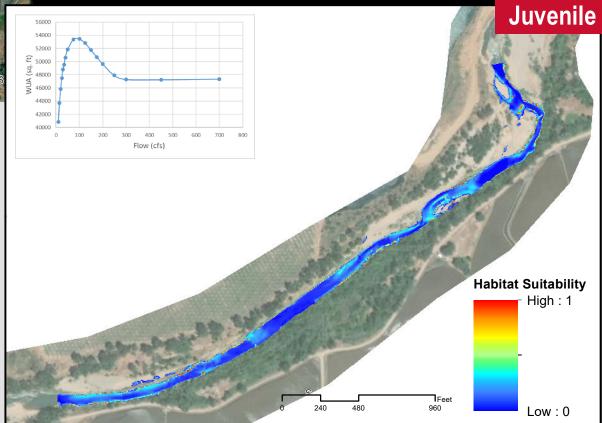


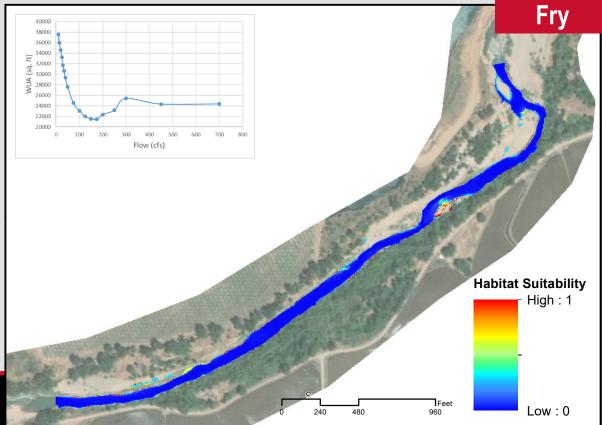


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 250 cfs

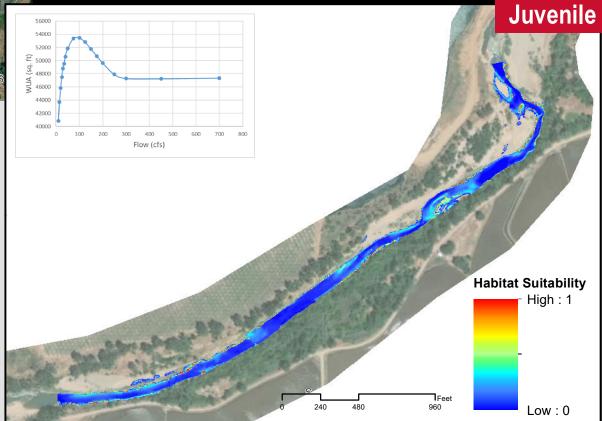


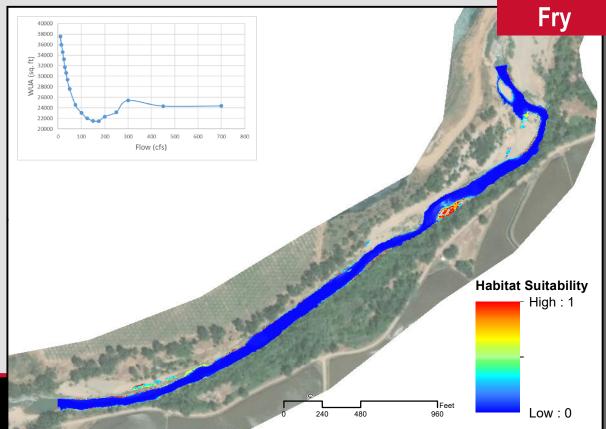


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 300 cfs

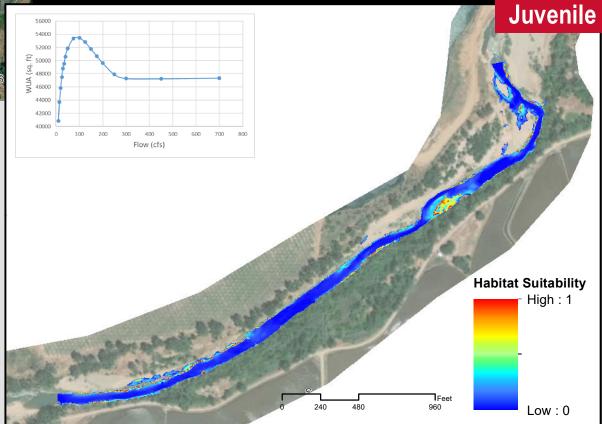


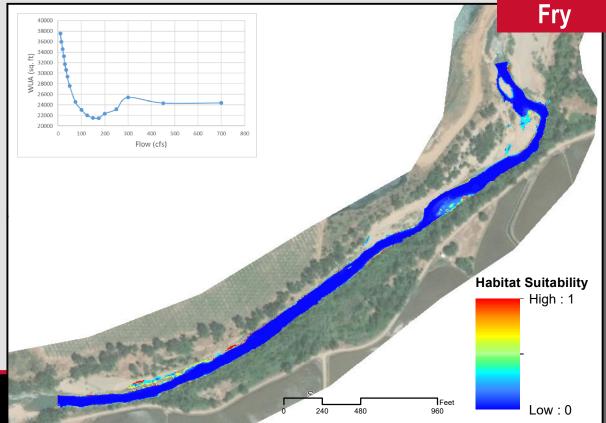


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead
Upstream Study Site 450 cfs

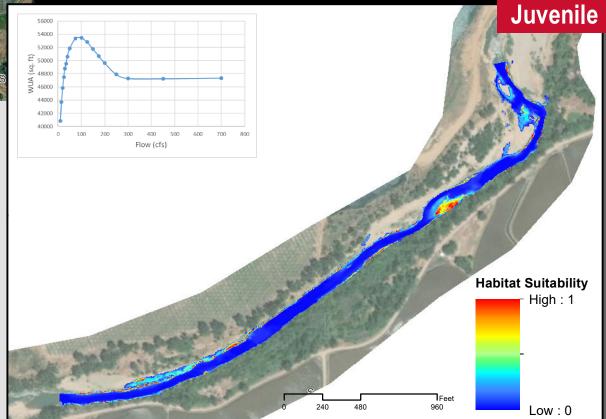


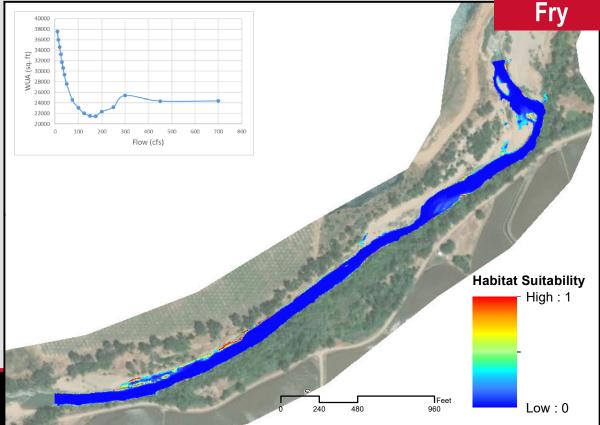


Lower Bear River - Instream Flow Study

SSWD FDR

Steelhead Upstream Study Site 700 cfs





Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 10 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 15 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 20 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 25 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 30 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 35 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 40 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 50 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 75 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 100 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 125 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 150 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 175 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 200 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 250 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 300 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 450 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0

Lower Bear River - Instream Flow Study SSWI FDR Downstream Study Site 700 cfs Upstream Site **Downstream Site Juvenile** Spawning § 45000 40000 € 35000 30000 S 25000 ¥ 20000 15000 10000 Flow (cfs) **Habitat Suitability** High: 1 Low: 0 Fry **Habitat Suitability** High: 1 **Habitat Suitability** Low: 0