

Upper Salmon Conservation Easement and Land Acquisition Fish Ranking

Property Name:

Date: October 3, 2019

| REACH defined as a 5th field HUC (as defined in the Habitat Goals and Priorities table) | | | | | |
|--|---------------------------|---|---|---|-------|
| | Existing Limiting Factors | | Addresses Limiting Factors | | |
| | High=5 Medium=3 Low=1 | | High/Significantly Improves=3 Medium/Enhances=2 Low/Conserves=1 | | Score |
| Flow | 3 | x | | = | 0 |
| Physical Barriers/Entrainment | 5 | x | | = | 0 |
| Instream Structures/Pools | 1 | x | | = | 0 |
| Temperature/Riparian | 1 | x | | = | 0 |
| Sediment | 3 | x | | = | 0 |
| Reach Subtotal | | | | = | 0 |

| IMPACT AREA (immediate area affected by project) | | | | | |
|---|---------------------------|---|--|---|-------|
| | Existing Limiting Factors | | Addresses Limiting Factors | | |
| | High=5 Medium=3 Low=1 | | High/Significantly Improves=3 Medium/Enhances=2 Low/Conserves=1 Does Not Address=0 | | Score |
| Flow | 3 | x | | = | 0 |
| Physical Barriers/Entrainment | 1 | x | | = | 0 |
| Instream Structures/Pools | 5 | x | | = | 0 |
| Temperature/Riparian | 3 | x | | = | 0 |
| Sediment | 1 | x | | = | 0 |
| Impact Area Subtotal | | | | = | 0 |

(Values: High=5; Medium=3; Low=1 None=0)

Existing Conditions

| | Spawning & Incubation Habitat | Rearing Habitat | Overwintering | Fluvial | Score |
|---|-------------------------------|-----------------|---------------|--------------------------------|-------|
| Chinook Salmon* | | | | | 0 |
| Steelhead** | | | | | 0 |
| Bull Trout*** | | | | | 0 |
| Westslope Cutthroat Trout*** | | | | | 0 |
| Redband Trout | | | | | 0 |
| *Chinook redd multiplier for specific property (100*% of Chinook redds relative to the total # within the reach 10 year avg.) | | | | BENEFITS TO LIFESTAGES TOTAL = | 0 |
| **Anadromous fish multiplier for each property = 2 | | | | | |
| ***Bull and cutthroat trout fluvial multiplier = 1.5 | | | | | |

(Values: High=5; Medium=3; Low=1 None=0)

Potential Conditions (ranked based on assumption that limiting factors downstream are being addressed)

| | Spawning & Incubation Habitat | Rearing Habitat | Overwintering | Fluvial | Score |
|-----------------|-------------------------------|-----------------|---------------|--------------------------------|-------|
| Chinook Salmon* | | | | | 0 |
| Steelhead* | | | | | 0 |
| | | | | | 0 |
| | | | | | 0 |
| | | | | | 0 |
| | | | | BENEFITS TO LIFESTAGES TOTAL = | 0 |
| | | | | Grand Total | 0 |

Ranch Score 9

Grand total 9

| Property Name: Tonsmeire Bros | | | | | | | | |
|--------------------------------------|-----|-------------|-----------------|-------|---------------------------|--------------------|----------------------------|---------------|
| | HQI | River miles | Irrigated acres | acres | current landowner actions | development threat | project compliments others | Public access |
| | | | | | | | | |

| | HQI | River miles | Irrigated acres | acres | current landowner actions | development threat | project compliments others | Public access | Ranch Value |
|------------------|------|-------------|-----------------|-------|---------------------------|--------------------|----------------------------|---------------|-------------|
| RANK | 2 | 3 | 1.5 | 0.5 | 0 | 1 | 0.5 | 0.5 | 9 |
| WEIGHTED AVERAGE | 0.20 | 0.30 | 0.15 | 0.05 | 0.10 | 0.10 | 0.05 | 0.05 | 1.00 |

| RANK | HQI | River miles | Irrigated acres | acres | Current landowner actions | Development threat | Project compliments | Public access |
|------|--------------------|-------------|-----------------|---------------|---------------------------|--------------------|---------------------|------------------------------------|
| 1 | *See HQI worksheet | >0.0 - <1.0 | >0 - <200 | 0 - 100 | *See CLA table | Low | other | Limited hunting or fishing only |
| 2 | | ≥1.0 - <2.0 | ≥200 - <400 | 100 - 300 | | | | |
| 3 | | ≥2.0 - <3.0 | ≥400 - <600 | 300 - 500 | | | | |
| 4 | | ≥3.0 - <4.0 | ≥600 - <800 | 500 - 700 | | Medium | | |
| 5 | | ≥4.0 - <5.0 | ≥800 - <1000 | 700 - 900 | | | 1 | limited |
| 6 | | ≥5.0 - <6.0 | ≥1000 - <1200 | 900 - 1,100 | | | | |
| 7 | | ≥6.0 - <7.0 | ≥1200 - <1400 | 1,100 - 1,500 | | High | | |
| 8 | | ≥7.0 - <8.0 | ≥1400 - <1600 | 1,500 - 2,000 | | | | |
| 9 | | ≥8.0 - <9.0 | ≥1600 - <1800 | 2,000 - 5,000 | | | | |
| 10 | | ≥10.0 | ≥1800 | >5000 | | Very High | 2 or more | Unlimited hunting - fishing access |

| HQI Worksheet | | | |
|---------------|--------------------------|--------------|--------------------|
| RANK | Intact riparian area (%) | Embeddedness | Channel type |
| 1 | 0-10 | Extremely | Channelized |
| 2 | 11-20 | | |
| 3 | 21-30 | | |
| 4 | 31-40 | | |
| 5 | 41-50 | Moderately | Moderate Sinuosity |
| 6 | 51-60 | | |
| 7 | 61-70 | | |
| 8 | 71-80 | | |
| 9 | 81-90 | | |
| 10 | 91-100 | None | Extreme Sinuosity |

NOTE: 10 represents the best river habitat available and 1 represents the worst

CLA table

RANK

- 10 Landowner has made substantial changes to the property against the recommendation of the restoration community within the last 10 years that affect the resource negatively.
- 8 Landowner has made minimal changes to the property against the recommendation the restoration community within the last 10 years that affect the resource negatively.
- 6 Landowner has made substantial changes to the property without advice from the restoration community within the last 10 years that affect the resource negatively.
- 2 Landowner has made minimal changes to the property without advice from the restoration community within the last 10 years that affect the resource negatively.
- 0 Landowner hasn't made any changes to the property within the last 10 years that would negatively or positively affect the resource.
- 2 Landowner has made minimal changes to the property with financial aid from the restoration community within the last 10 years that affect the resource positively.
- 6 Landowner has made minimal changes to the property without financial aid from the restoration community within the last 10 years that affect the resource positively.
- 8 Landowner has made substantial changes to the property with financial aid from the restoration community within the last 10 years that affect the resource positively.
- 10 Landowner has made substantial changes to the property without financial aid from the restoration community within the last 10 years that affect the resource positively.