

OREGON DEPARTMENT OF FISH AND WILDLIFE

PEA CREEK POST-TX (S-145)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/26/03

| REACH | | T35S-R14W-S09NE | | | | | REACH | | | | | | |
|--------------------|-----------------|------------------------|---------------------|---------------------|------------------------------------|-------------------------------|----------------------------------|-----|------|-----|------|------|--|
| HABITAT DETAIL | | | | | | | | | | | | | |
| Habitat Type | Number Units | Total Length (m) | Avg Width (m) | Avg Depth (m) | Total Area (m ²) | Large Boulders (#>0.5m) | Substrate Percent Wetted Area | | | | | | |
| | | | | | | | S/O | Snd | Grvl | Cbl | Bldr | Bdrk | |
| CULVERT CROSSING | 1 | 17 | 2.3 | 0.10 | 38 | 0 | 5 | 5 | 90 | 0 | 0 | 0 | |
| POOL-LATERAL SCOUR | 5 | 49 | 1.4 | 0.48 | 66 | 0 | 10 | 45 | 40 | 3 | 2 | 0 | |
| RAPID/BOULDERS | 1 | 4 | 1.8 | 0.20 | 7 | 0 | 0 | 15 | 75 | 10 | 0 | 0 | |
| RIFFLE | 17 | 359 | 2.0 | 0.22 | 755 | 0 | 6 | 22 | 63 | 8 | 0 | 1 | |
| STEP/COBBLE | 1 | 4 | 2.0 | 0.10 | 8 | 0 | 5 | 5 | 80 | 10 | 0 | 0 | |
| STEP/STRUCTURE | 1 | 0 | 2.0 | 0.20 | 0 | 0 | 10 | 70 | 20 | 0 | 0 | 0 | |
| Total: | 26 | 433 | 1.9 | 0.26 | 875 | 0 | Avg 7 | 27 | 59 | 6 | 0 | 1 | |

| HABITAT SUMMARY | | | | | | | | | |
|-------------------|-----------------|------------------------|---------------------|---------------------|-------------------|---------|----------------|--------------------------|--|
| Habitat Group | Number Units | Total Length (m) | Avg Width (m) | Avg Depth (m) | Wetted Area | | Large Boulders | | |
| | | | | | (m ²) | Percent | Number | (# / 100m ²) | |
| Dammed & BW Pools | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Scour Pools | 5 | 49 | 1.4 | 0.48 | 66 | 7.59% | 0 | 0.0 | |
| Glides | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Riffles | 17 | 359 | 2.0 | 0.22 | 755 | 86.29% | 0 | 0.0 | |
| Rapids | 1 | 4 | 1.8 | 0.20 | 7 | 0.82% | 0 | 0.0 | |
| Cascades | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Step/Falls | 2 | 4 | 2.0 | 0.15 | 8 | 0.96% | 0 | 0.0 | |
| Dry | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Culverts | 1 | 17 | 2.3 | 0.10 | 38 | 4.34% | 0 | 0.0 | |

| POOL SUMMARY | | |
|---------------------------------------|-------|--------|
| | Total | # / Km |
| All Pools: | 5 | 11.6 |
| Pools >=1m deep: | 0 | 0.0 |
| Complex pools (LWD pieces>=3): | 0 | 0.0 |
| Pool frequency (channel widths/pool): | 36.7 | |
| Residual pool depth (avg): | 0.32 | |

STREAM SUMMARY

PEA CREEK POST-TX (S-145)

| Number Units | Total Length (m) | Avg Width (m) | Avg Depth (m) | Total Area (m ²) | Substrate | | | | | | Large Boulders (#>0.5m) |
|-----------------|------------------------|---------------------|---------------------|------------------------------------|---------------------|-----|------|-----|------|------|-------------------------------|
| | | | | | Percent Wetted Area | | | | | | |
| | | | | | S/O | Snd | Grvl | Cbl | Bldr | Bdrk | |
| 26 | 433 | 1.9 | 0.26 | 875 | 7 | 27 | 59 | 6 | 0 | 1 | |

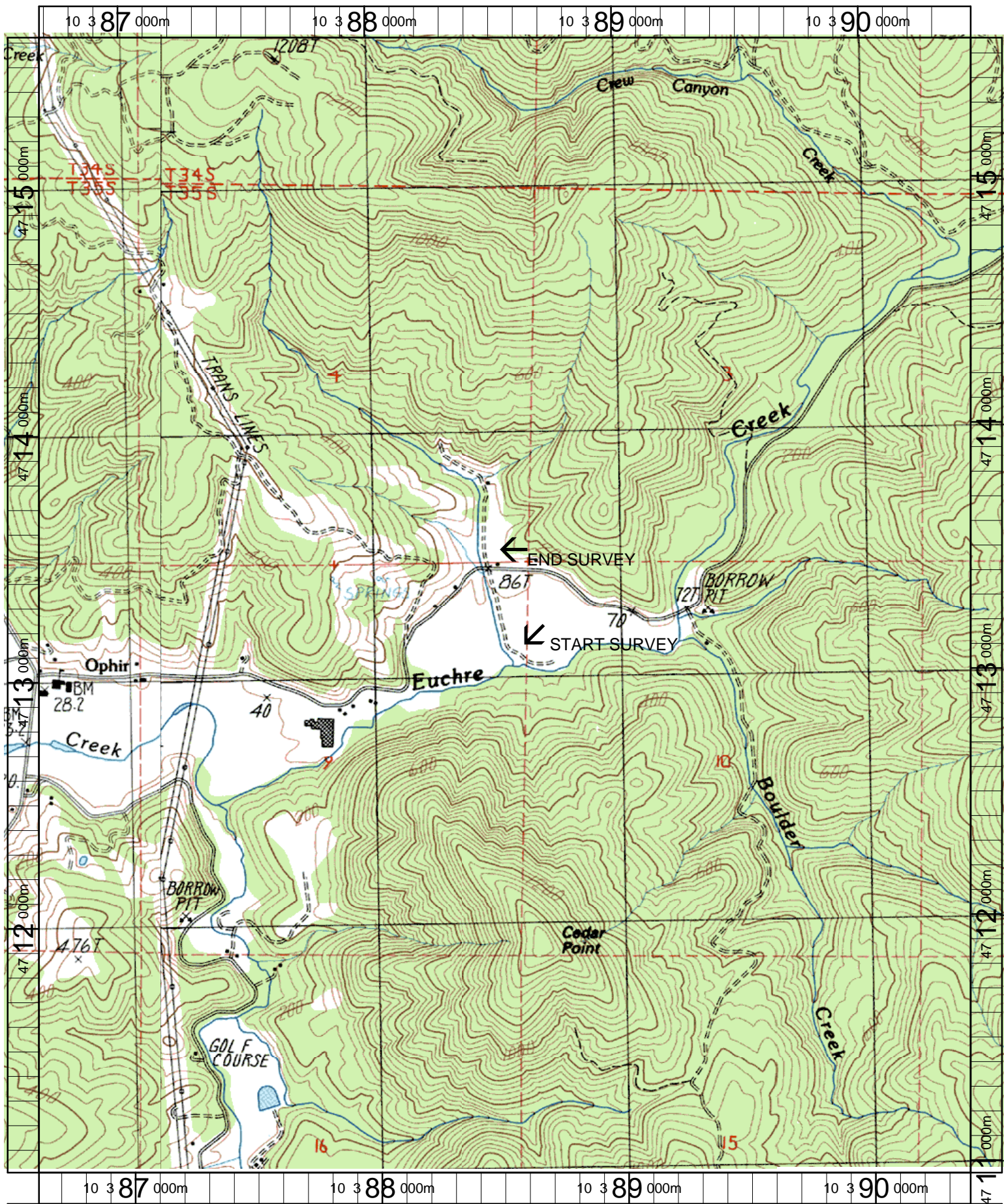
| Habitat Group | Wetted Area | |
|-------------------|-------------------|---------|
| | (m ²) | Percent |
| Dammed & BW Pools | 0 | 0.00% |
| Scour Pools | 66 | 7.59% |
| Glides | 0 | 0.00% |
| Riffles | 755 | 86.29% |
| Rapids | 7 | 0.82% |
| Cascades | 0 | 0.00% |
| Step/Falls | 8 | 0.96% |
| Dry | 0 | 0.00% |
| Culverts | 38 | 4.34% |

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 5-SC SITE ID: 145 PEA CREEK POST-TX (S-145)

| UNIT# | TYPE | CHAN | DIST. (m) | COMMENTS | NOTE ESTIMATOR | NOTE NUMERATOR |
|-------|------|------|-----------|----------|------------------------|----------------|
| 1 | RI | 00 | 22 | | START @ CON W/EUCHR | |
| 2 | RI | 00 | 32.6 | | T=8.5C/0910 | |
| 5 | RI | 00 | 107.6 | /CE | 3*3 ROUND | |
| 6 | RI | 00 | 124.1 | FC | | |
| 7 | RI | 00 | 128.1 | FC | | |
| 13 | LP | 00 | 173.9 | /CS/ | RIPRAP | |
| 14 | SS | 00 | 174.1 | | H=0.2M | |
| 15 | RI | 00 | 184.2 | BC | | |
| 17 | RI | 00 | 228.7 | HS | 2*1.6M POCKET, .4M DEE | |
| 21 | RI | 00 | 313 | HS | WD RETAINING SED. | |
| 22 | RI | 00 | 343 | FC | BARB WIRE | |
| 23 | RI | 00 | 366.3 | /CE | 3.5*3.5 ROUND | |
| 24 | CC | 00 | 382.8 | CC | OPEN BOTTOM, 2.3M DIA | |
| 25 | RI | 00 | 407.8 | | BLACKBERRIES-EST. | |
| 26 | RI | 00 | 432.8 | | EOS SIGN ALDER LEFT | |



Name: BRUSHY BALD MT
 Date: 3/21/2003
 Scale: 1 inch equals 1666 feet

Location: 10 388528 E 4713289 N
 Caption: PEA CREEK RESTORATION SITE - EUCHRE BASIN