

OREGON DEPARTMENT OF FISH AND WILDLIFE

BUMMER CREEK POST-TX (MC-9)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/3/03

| REACH | | T14S-R08W-S25SW | | | | | | REACH | | | | | |
|--------------------|-----------|-----------------|------------|-------------|-------------------|----------|---------------------|----------|-----------|-----------|----------|----------|--|
| HABITAT DETAIL | | | | | | | | | | | | | |
| Habitat Type | Number | Total | Avg | Avg | Total | Large | Substrate | | | | | | |
| | Units | Length | Width | Depth | Area | Boulders | Percent Wetted Area | | | | | | |
| | | (m) | (m) | (m) | (m ²) | (#>0.5m) | S/O | Snd | Grvl | Cbl | Bldr | Bdrk | |
| POOL-BACKWATER | 3 | 15 | 2.8 | 0.73 | 43 | 0 | 23 | 22 | 23 | 30 | 2 | 0 | |
| POOL-LATERAL SCOUR | 3 | 31 | 5.8 | 0.77 | 167 | 0 | 5 | 7 | 46 | 37 | 3 | 3 | |
| RAPID/BOULDERS | 21 | 492 | 6.3 | 0.31 | 3,313 | 0 | 5 | 8 | 28 | 54 | 5 | 1 | |
| Total: | 27 | 537 | 5.8 | 0.41 | 3,523 | 0 | Avg 7 | 9 | 29 | 49 | 5 | 1 | |

| HABITAT SUMMARY | | | | | | | | | |
|-------------------|--------|--------|-------|-------|-------------------|---------|----------------|--------------------------|--|
| Habitat Group | Number | Total | Avg | Avg | Wetted Area | | Large Boulders | | |
| | Units | Length | Width | Depth | (m ²) | Percent | Number | (# / 100m ²) | |
| | | (m) | (m) | (m) | | | | | |
| Dammed & BW Pools | 3 | 15 | 2.8 | 0.73 | 43 | 1.22% | 0 | 0.0 | |
| Scour Pools | 3 | 31 | 5.8 | 0.77 | 167 | 4.75% | 0 | 0.0 | |
| Glides | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Riffles | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Rapids | 21 | 492 | 6.3 | 0.31 | 3,313 | 94.03% | 0 | 0.0 | |
| Cascades | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Step/Falls | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Dry | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |
| Culverts | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 | |

| POOL SUMMARY | | |
|---------------------------------------|--------------|---------------|
| | <u>Total</u> | <u># / Km</u> |
| All Pools: | 6 | 14.4 |
| Pools >=1m deep: | 1 | 2.4 |
| Complex pools (LWD pieces>=3): | 2 | 4.8 |
| Pool frequency (channel widths/pool): | 9.5 | |
| Residual pool depth (avg): | 0.33 | |

STREAM SUMMARY

BUMMER CREEK POST-TX (MC-9)

| Number Units | Total Length (m) | Avg Width (m) | Avg Depth (m) | Total Area (m ²) | Substrate Percent Wetted Area | | | | | | Large Boulders (>0.5m) |
|-----------------|------------------------|---------------------|---------------------|------------------------------------|----------------------------------|-----|------|-----|------|------|------------------------------|
| | | | | | S/O | Snd | Grvl | Cbl | Bldr | Bdrk | |
| 27 | 537 | 5.8 | 0.41 | 3,523 | 7 | 9 | 29 | 49 | 5 | 1 | |

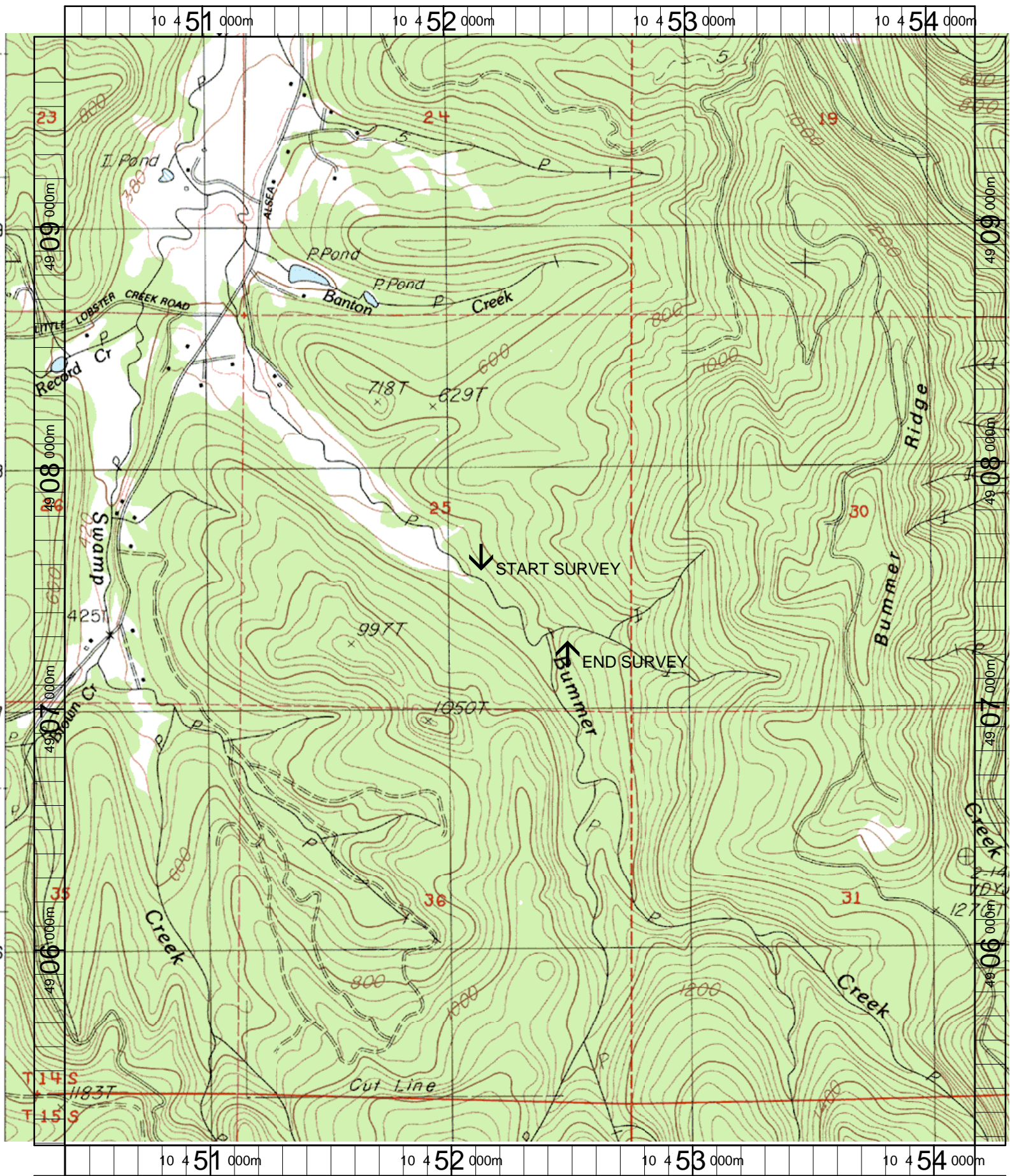
| Habitat Group | Wetted Area | |
|-------------------|-------------------|---------|
| | (m ²) | Percent |
| Dammed & BW Pools | 43 | 1.22% |
| Scour Pools | 167 | 4.75% |
| Glides | 0 | 0.00% |
| Riffles | 0 | 0.00% |
| Rapids | 3,313 | 94.03% |
| Cascades | 0 | 0.00% |
| Step/Falls | 0 | 0.00% |
| Dry | 0 | 0.00% |
| Culverts | 0 | 0.00% |

Comment Summary

Restoration Monitoring Sites 2003

MONITORING AREA: 2-MC SITE ID: 9 BUMMER CREEK POST-TX (MC-9)

| <u>UNIT#</u> | <u>TYPE</u> | <u>CHAN</u> | <u>DIST. (m)</u> | <u>COMMENTS</u> | <u>NOTE ESTIMATOR</u> | <u>NOTE NUMERATOR</u> |
|--------------|-------------|-------------|------------------|-----------------|------------------------|-----------------------|
| 1 | LP | 00 | 7.5 | | BEGIN @ SURVEY SIGN/ | |
| 2 | RB | 00 | 32.5 | | T=7C/0940 | |
| 6 | RB | 00 | 109.5 | HS | STRM ENHANC SITE #6 | |
| 8 | RB | 01 | 164.5 | HS, /SS | ENHANC SITE #7, /SM PO | |
| 11 | LP | 01 | 191.5 | SS/ | | |
| 12 | RB | 01 | 216.5 | /TJ | | |
| 13 | RB | 11 | 216.5 | | TRIB UNIT | |
| 14 | RB | 02 | 216.5 | 2-DJ | | |
| 16 | RB | 01 | 255 | HS | ENHANC SITE #8 | |
| 18 | RB | 00 | 280 | SS/ | | |
| 20 | BW | 10 | 310 | | SM DJ W/SM PCS | |
| 22 | RB | 01 | 340 | TJ/ | T=8.5C/1225 | |
| 23 | RB | 11 | 340 | | T=8C/1220, TRIB UNIT | |
| 26 | RB | 01 | 417 | /TJ | EOS @ TJ, SIGN ALDER/ | |
| 27 | RB | 11 | 417 | | T=9C/1250, TRIB UNIT | |



Name: PRAIRIE PEAK
 Date: 3/20/2003
 Scale: 1 inch equals 1666 feet

Location: 10 452295 E 4907480 N
 Caption: BUMMER CREEK RESTORATION SITE - ALSEA BASIN