



OREGON DEPARTMENT OF FISH AND WILDLIFE

BEAVER CREEK LOWER PRE-TX (L-202)

HABITAT INVENTORY

Report Date: 5/6/03

Survey Date:

2/20/03

| REACH              |        | T01N-R03E-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 <sup>2</sup> ) | (#>0.5m) | S/O                 | Snd | Grvl | Cbl | Bldr | Bdrk |
| POOL-LATERAL SCOUR | 6      | 197             | 8.4   | 1.95  | 1,630             | 0        | 26                  | 30  | 38   | 5   | 0    | 0    |
| RAPID/BOULDERS     | 2      | 23              | 0.7   | 0.05  | 16                | 0        | 30                  | 28  | 35   | 8   | 0    | 0    |
| RIFFLE             | 13     | 300             | 8.0   | 0.82  | 2,420             | 0        | 25                  | 28  | 39   | 6   | 2    | 0    |
| <b>Total:</b>      | 21     | 521             | 7.4   | 1.07  | 4,066             | 0        | <b>Avg</b> 26       | 28  | 39   | 6   | 1    | 0    |

| HABITAT SUMMARY   |        |        |       |       |                   |         |                |                          |  |
|-------------------|--------|--------|-------|-------|-------------------|---------|----------------|--------------------------|--|
| Habitat Group     | Number | Total  | Avg   | Avg   | Wetted Area       |         | Large Boulders |                          |  |
|                   | Units  | Length | Width | Depth | (m <sup>2</sup> ) | Percent | Number         | (# / 100m <sup>2</sup> ) |  |
|                   |        | (m)    | (m)   | (m)   |                   |         |                |                          |  |
| Dammed & BW Pools | 0      | 0      |       |       | 0                 | 0.00%   | 0              | 0.0                      |  |
| Scour Pools       | 6      | 197    | 8.4   | 1.95  | 1,630             | 40.09%  | 0              | 0.0                      |  |
| Glides            | 0      | 0      |       |       | 0                 | 0.00%   | 0              | 0.0                      |  |
| Riffles           | 13     | 300    | 8.0   | 0.82  | 2,420             | 59.53%  | 0              | 0.0                      |  |
| Rapids            | 2      | 23     | 0.7   | 0.05  | 16                | 0.39%   | 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            | 12.1          |
| Pools >=1m deep:                      | 6            | 12.1          |
| Complex pools (LWD pieces>=3):        | 5            | 10.0          |
| Pool frequency (channel widths/pool): | 7.5          |               |
| Residual pool depth (avg):            | 1.35         |               |

**STREAM SUMMARY**

**BEAVER CREEK LOWER PRE-TX (L-202)**

| Number<br>Units | Total<br>Length<br>(m) | Avg<br>Width<br>(m) | Avg<br>Depth<br>(m) | Total<br>Area<br>(m <sup>2</sup> ) | Substrate<br>Percent Wetted Area |     |      |     |      |      | Large<br>Boulders<br>(>0.5m) |
|-----------------|------------------------|---------------------|---------------------|------------------------------------|----------------------------------|-----|------|-----|------|------|------------------------------|
|                 |                        |                     |                     |                                    | S/O                              | Snd | Grvl | Cbl | Bldr | Bdrk |                              |
| 21              | 521                    | 7.4                 | 1.07                | 4,066                              | 26                               | 28  | 39   | 6   | 1    | 0    |                              |

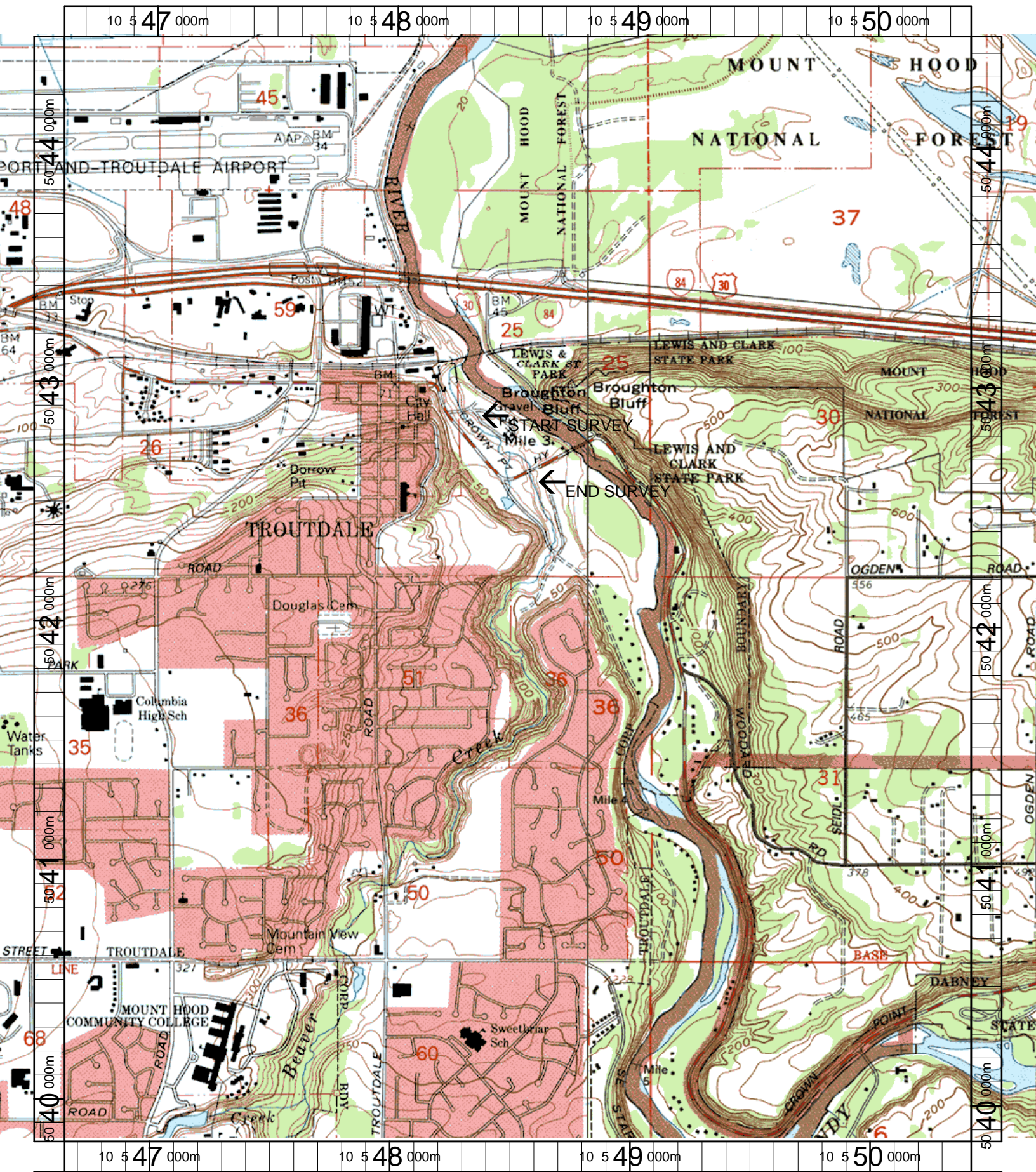
| Habitat Group     | Wetted Area       |         |
|-------------------|-------------------|---------|
|                   | (m <sup>2</sup> ) | Percent |
| Dammed & BW Pools | 0                 | 0.00%   |
| Scour Pools       | 1,630             | 40.09%  |
| Glides            | 0                 | 0.00%   |
| Riffles           | 2,420             | 59.53%  |
| Rapids            | 16                | 0.39%   |
| 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: 7-L    SITE ID: 202    BEAVER CREEK LOWER PRE-TX (L-202)**

| <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          | 01          | 50               | /TJ, WL         | T=8.5C, NUTRIA        |                       |
| 3            | RI          | 00          | 75               |                 | LOW VIS.              |                       |
| 4            | RI          | 00          | 100              | WL              | WOODPECKER            |                       |
| 6            | RI          | 01          | 150              | /TJ             |                       |                       |
| 9            | RI          | 00          | 198              | WL              | RACCOON PRINTS        |                       |
| 10           | LP          | 00          | 222.4            |                 | MAX DEPTH EST.        |                       |
| 11           | LP          | 00          | 248.6            |                 | SIGN IN CR "SPEED 25" |                       |
| 12           | LP          | 00          | 290.1            |                 | SM FISH               |                       |
| 13           | RI          | 00          | 292.6            |                 | LOTS OF BLACKBERRIES  |                       |
| 16           | LP          | 00          | 363              |                 | DEPTH EST.            |                       |
| 17           | RI          | 00          | 393.6            | CS/, BC         | CEMENT, COLUMBIA R H  |                       |
| 18           | RI          | 00          | 418.6            | BV              | STICKS, FRESH TRACKS  |                       |
| 19           | RI          | 00          | 443.6            |                 | CLINO SEEMS OFF       |                       |
| 20           | RI          | 00          | 462.9            | /SS             |                       |                       |
| 21           | LP          | 00          | 497.6            |                 | EOS SIGN ON HARDWOO   |                       |



Name: CAMAS  
 Date: 6/11/2003  
 Scale: 1 inch equals 1666 feet

Location: 10 548511 E 5042149 N  
 Caption: BEAVER CREEK LOWER RESTORATION SITE - SANDY RIVER BASIN