

**ODFW AQUATIC INVENTORY PROJECT
RESTORATION MONITORING
STREAM HABITAT REPORT**

STREAM: WALKER CREEK
 GCG: 2-MC
 SITE ID: 378
 BASIN: SIUSLAW
 TREATMENT DATE: 2007
 SURVEY DATE: 8/20/2008
 SURVEY CREW: Brent Coon / Ryan Lande
 USGS MAPS: WALTON
 ECOREGION: Mid-Coastal Sedimentary
 REPORT PREPARED BY: Matt Strickland / Sharon Tippery / Charles Stein

SURVEY DESCRIPTION:

Channel morphology: Constrained alternately by high terraces and hillslopes

Dominant landuse(s): Second growth timber (15-30 cm dbh)

Dominant riparian vegetation: Deciduous trees: size class 30-50cm dbh

Primary channel length (meters) and area (m²): 1,909 : 9,036

Secondary channel length (meters) and area (m²) 373 : 632

VWI average: 13.2 VWI Range: 1 - 20 Average Gradient: 2.3%

Pieces LWD per 100m: 23.2 Wood Volume (m³) per 100m: 23.9

Percent pools: 33% Complex pools (LWD pieces>=3): 23 Pools >=1m deep: 9

| Percent substrate (avg): | <u>Silt / organics</u> | <u>Sand</u> | <u>Gravel</u> | <u>Cobble</u> | <u>Boulder</u> | <u>Bedrock</u> |
|--------------------------|------------------------|-------------|---------------|---------------|----------------|----------------|
| All units | 4 | 21 | 52 | 20 | 2 | 1 |
| Pool units | 6 | 32 | 45 | 12 | 2 | 2 |
| Fast water units | 0 | 10 | 60 | 26 | 3 | 0 |

COMMENTS:

This is a post-treatment, restoration survey. The crew noted habitat structures consisting of placed logs and boulders throughout the survey. They also noted beaver activity. The crew noted observing steelhead fry, juvenile coho, and dace. Evidence of amphibians during the survey included a pacific giant salamander.

**OREGON DEPARTMENT OF FISH AND WILDLIFE
HABITAT INVENTORY**

**WALKER CREEK
GCG: 2-MC SITE ID: 378**

Survey Date: 8/20/2008

Report Date: 12/29/2008

T18S-R08W-S01SW

REACH 1

Valley and Channel Summary

Valley Characteristics (Percent Reach Length)

| <u>Narrow Valley Floor</u> | | <u>Broad Valley Floor</u> | |
|----------------------------|------|---------------------------|--------|
| Steep V-shape | 0% | Constraining Terraces | 100% |
| Moderate V-shape | 0% | Multiple Terraces | 0% |
| Open V-shape | 0% | Wide Floodplain | 0% |
| Valley Width Index | 13.2 | VWI Range: | 1 - 20 |

Channel Morphology (Percent Reach Length)

| <u>Constrained</u> | | <u>Unconstrained</u> | |
|--------------------|------|----------------------|----|
| Hillslope | 0% | Single Channel | 0% |
| Bedrock | 0% | Multiple Channel | 0% |
| Terrace | 0% | Braided Channel | 0% |
| Alt. Terrace/Hill | 100% | | |
| Landuse | 0% | | |

Channel Characteristics

| <u>Type</u> | <u>Length (m)</u> | <u>Area (m2)</u> | <u>Dry Units</u> |
|-------------|-------------------|------------------|------------------|
| Primary | 1,909 | 9,036 | 0 |
| Secondary | 373 | 632 | 10 |

Channel Dimensions (m)

| <u>Wetted</u> | <u>Active</u> | <u>Floodprone</u> n = 9 | <u>First Terrace</u> n = 8 |
|---------------|---------------|-------------------------|----------------------------|
| Width: 4.0 | Width: 7.7 | 10.0 (5 - 17) | 12.9 (7 - 22) |
| Depth: 0.31 | Height: 0.4 | 0.8 (0.7 - 0.9) | 2.0 (0.75 - 6) |

W:D ratio: 21.0

Stream Flow Type: MF

Average Unit Gradient: 2.3%

Water temperature (°C): 12.0 - 12.0

Entrenchment (ACW:FPW ratio): 1.3

Habitat Units/100m (total channel length): 5.8

Habitat Units/100m (primary channel length): 7.0

Riparian, Bank, and Wood Summary

| | <u>Primary</u> | <u>Secondary</u> |
|----------------------|----------------|------------------|
| Land Use: | ST | YT |
| Riparian Vegetation: | D30 | S |

Bank Condition and Shade

| <u>Bank Status</u> | <u>Percent Reach Length</u> | <u>Shade (% of 180)</u> |
|--------------------|-----------------------------|-------------------------|
| Actively Eroding: | 10% | Reach avg: 85% |
| Undercut Banks: | 5% | Range: 28 - 100 |

Large Wood Debris

| | <u>Total</u> | <u>Total / 100m primary channel</u> |
|-----------------------------|--------------|-------------------------------------|
| All pieces (>=3m x 0.15m): | 443 | 23.2 |
| Volume (m ³): | 457 | 23.9 |
| Key pieces (>=12m x 0.60m): | 24 | 1.3 |

OREGON DEPARTMENT OF FISH AND WILDLIFE

WALKER CREEK

HABITAT INVENTORY

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T18S-R08W-S01SW

REACH 1

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 |
| CASCADE/BOULDERS | 4 | 128 | 3.6 | 0.12 | 615 | 143 | 1 | 6 | 30 | 45 | 18 | 0 |
| CULVERT CROSSING | 1 | 15 | 2.0 | 0.15 | 30 | 0 | 30 | 0 | 50 | 20 | 0 | 0 |
| DRY CHANNEL | 3 | 58 | 1.5 | 0.00 | 105 | 1 | 5 | 21 | 49 | 25 | 0 | 0 |
| DRY UNIT | 5 | 54 | 1.5 | 0.00 | 87 | 2 | 5 | 17 | 67 | 11 | 0 | 0 |
| POOL-BACKWATER | 1 | 2 | 1.7 | 0.15 | 3 | 0 | 35 | 60 | 5 | 0 | 0 | 0 |
| POOL-ISOLATED | 1 | 4 | 2.0 | 0.30 | 7 | 0 | 30 | 70 | 0 | 0 | 0 | 0 |
| POOL-LATERAL SCOUR | 52 | 635 | 4.4 | 0.62 | 3,065 | 96 | 6 | 33 | 45 | 12 | 1 | 2 |
| POOL-PLUNGE | 1 | 18 | 5.0 | 0.80 | 90 | 17 | 10 | 25 | 30 | 10 | 25 | 0 |
| PUDDLED UNIT | 2 | 52 | 0.5 | 0.02 | 27 | 0 | 15 | 35 | 43 | 8 | 0 | 0 |
| RAPID/BOULDERS | 21 | 350 | 3.8 | 0.11 | 1,375 | 223 | 0 | 8 | 58 | 30 | 5 | 0 |
| RIFFLE | 32 | 929 | 4.5 | 0.13 | 4,128 | 158 | 0 | 12 | 65 | 22 | 1 | 0 |
| STEP/COBBLE | 8 | 37 | 3.5 | 0.09 | 131 | 21 | 0 | 7 | 46 | 46 | 1 | 0 |
| STEP/LOG | 2 | 1 | 4.8 | 0.04 | 4 | 0 | 0 | 30 | 63 | 8 | 0 | 0 |
| Total: | 133 | 2,281 | 4.0 | 0.31 | 9,668 | 661 | Avg: 4 | 21 | 52 | 20 | 2 | 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 | 2 | 6 | 1.9 | 0.23 | 10 | 0.11% | 0 | 0.0 |
| Scour Pools | 53 | 653 | 4.4 | 0.63 | 3,155 | 32.64% | 113 | 3.6 |
| Glides | 0 | 0 | | | 0 | 0.00% | 0 | 0.0 |
| Riffles | 32 | 929 | 4.5 | 0.13 | 4,128 | 42.70% | 158 | 3.8 |
| Rapids | 21 | 350 | 3.8 | 0.11 | 1,375 | 14.22% | 223 | 16.2 |
| Cascades | 4 | 128 | 3.6 | 0.12 | 615 | 6.36% | 143 | 23.2 |
| Step/Falls | 10 | 38 | 3.8 | 0.08 | 135 | 1.39% | 21 | 15.6 |
| Dry | 10 | 164 | 1.3 | 0.00 | 219 | 2.27% | 3 | 1.4 |
| Culverts | 1 | 15 | 2.0 | 0.15 | 30 | 0.31% | 0 | 0.0 |

POOL SUMMARY

| | Total | Total of all Channel Lengths # / Km | Primary Channel Length # / Km |
|---------------------------------------|-------|--|----------------------------------|
| All Pools: | 55 | 24.1 | 28.8 |
| Pools >=1m deep: | 9 | 3.9 | 4.7 |
| Complex pools (LWD pieces>=3): | 23 | 10.1 | 12.1 |
| Pool frequency (channel widths/pool): | 5.4 | | |
| Residual pool depth (avg): | 0.50 | | |

OREGON DEPARTMENT OF FISH AND WILDLIFE
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RIPARIAN ZONE
VEGETATION SUMMARY

REACH 1

Summary of Riparian Zone (0-30m) 8 transects

| | |
|---------------------------------|-----|
| Total hardwoods/1000 | 716 |
| Total conifers/1000 ft | 183 |
| Total conifers >20" dbh/1000 ft | 61 |
| Total conifers >35" dbh/1000 ft | 0 |

Average number of trees in a 5-meter wide band

| Diameter class (cm) | Zone 1 0-10 meters | | Zone 2 10 - 20 meters | | Zone 3 20 - 30 meters | | Zones 1-3 0-30 meters | |
|---------------------|-----------------------|----------|--------------------------|----------|--------------------------|----------|--------------------------|----------|
| | Conifer | Hardwood | Conifer | Hardwood | Conifer | Hardwood | Conifer | Hardwood |
| 3-15cm | 0.1 | 0.6 | 0.0 | 0.8 | 0.1 | 0.3 | 0.3 | 1.6 |
| 15-30cm | 0.1 | 2.4 | 0.1 | 1.8 | 0.3 | 2.1 | 0.5 | 6.3 |
| 30-50cm | 0.3 | 1.3 | 0.3 | 0.9 | 0.8 | 1.1 | 1.3 | 3.3 |
| 50-90cm | 0.3 | 0.3 | 0.3 | 0.3 | 0.5 | 0.1 | 1.0 | 0.6 |
| >90cm | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total/100m2 | 0.8 | 4.5 | 0.6 | 3.6 | 1.6 | 3.6 | 1.0 | 3.9 |

Canopy closure and ground cover

| | Zone 1 0-10 meters (%) | Zone 2 10 - 20 meters (%) | Zone 3 20 - 30 meters (%) |
|------------------|------------------------------|---------------------------------|---------------------------------|
| Canopy closure | 76 | 73 | 76 |
| Shrub cover | 73 | 68 | 74 |
| Grass/forb cover | 27 | 33 | 26 |

Predominant landform in each zone

| | Zone 1 0-10 meters (%) | Zone 2 10 - 20 meters (%) | Zone 3 20 - 30 meters (%) |
|-------------------|------------------------------|---------------------------------|---------------------------------|
| Hillslope | 44 | 38 | 50 |
| High terrace | 50 | 50 | 44 |
| Low terrace | 0 | 0 | 0 |
| Floodplain | 6 | 0 | 0 |
| Wetland/meadow | 0 | 0 | 0 |
| Stream channel | 0 | 0 | 0 |
| Roadbed/Railroad | 0 | 13 | 6 |
| Riprap | 0 | 0 | 0 |
| Surface slope (%) | 30 | 14 | 24 |

Summary of Riparian Zone (0-30m) for all reaches**8 transects****Summary of riparian zone (0-100 feet) extrapolated to 1,000 feet along stream**

| | |
|---------------------------------|-----|
| Total hardwoods/1000 | 716 |
| Total conifers/1000 ft | 183 |
| Total conifers >20" dbh/1000 ft | 61 |
| Total conifers >35" dbh/1000 ft | 0 |

Average number of trees in a 5-m wide band

| Diameter class (cm) | Zones 1-3 | |
|------------------------|--------------------|-----------------|
| | <u>0-30 meters</u> | |
| | <u>Conifer</u> | <u>Hardwood</u> |
| 3-15cm | 0.3 | 1.6 |
| 15-30cm | 0.5 | 6.3 |
| 30-50cm | 1.3 | 3.3 |
| 50-90cm | 1.0 | 0.6 |
| >90cm | 0.0 | 0.0 |

RIPARIAN ZONE VEGETATION

Reach 1

Reach 1

| Unit | Side | Zone | Surface | Slope | Cover (percent) | | | Diameter class (cm) | | | | | Notes | | |
|------|------|------|---------|-------|-----------------|-------|-------|---------------------|-------|-------|-------|-----|-------|--|--|
| | | | | | Canopy | Shrub | Grass | 3-15 | 15-30 | 30-50 | 50-90 | >90 | | | |
| 18 | LT | 1 | HT | 0 | 50 | 10 | 90 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | | | | | | |
| 18 | LT | 2 | HT | 0 | 20 | 20 | 80 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | 1 | | | | | | |
| 18 | LT | 3 | HT | 0 | 55 | 45 | 55 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | 1 | | | | | | |
| 18 | RT | 1 | HT | 0 | 55 | 25 | 75 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | | 2 | | | | |
| 18 | RT | 2 | HT | 0 | 50 | 30 | 70 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 1 | | | | | |
| 18 | RT | 3 | HT | 0 | 45 | 50 | 50 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | | 1 | | | | |
| 30 | LT | 1 | FP | 0 | 85 | 85 | 15 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | | 1 | | | | |
| 30 | LT | 2 | HT | 0 | 95 | 90 | 10 | Conifer | | 1 | | | | | |
| | | | | | | | | Hardwood | | 1 | | | | | |
| 30 | LT | 3 | HT | 0 | 100 | 90 | 10 | Conifer | | | | 1 | 1 | | |
| | | | | | | | | Hardwood | | | | | | | |
| 30 | RT | 1 | HS | 40 | 95 | 40 | 60 | Conifer | | 1 | 2 | | | | |
| | | | | | | | | Hardwood | | | | | | | |
| 30 | RT | 2 | HS | 20 | 40 | 85 | 15 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | 2 | | 2 | 1 | | | |
| 30 | RT | 3 | HS | 20 | 20 | 90 | 10 | Conifer | 1 | 1 | | | | | |
| | | | | | | | | Hardwood | | | | | | | |
| 53 | LT | 1 | HS | 55 | 70 | 90 | 10 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 2 | 1 | | | | |
| 53 | LT | 2 | HS | 45 | 95 | 95 | 5 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 1 | | | | | |
| 53 | LT | 3 | HS | 45 | 100 | 100 | 0 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 2 | | | | | |
| 53 | RT | 1 | HT | 0 | 95 | 85 | 15 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | 3 | 2 | 1 | | | | |
| 53 | RT | 2 | HT | 0 | 75 | 85 | 15 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 1 | | | | | |
| 53 | RT | 3 | HT | 0 | 75 | 80 | 20 | Conifer | | | | | | | |
| | | | | | | | | Hardwood | | 2 | 1 | | | | |

| | | | | | | | | | | | | | |
|-----|----|---|----|-----|-----|-----|----|----------|---|---|---|---|---|
| 74 | LT | 1 | HT | 0 | 75 | 85 | 15 | Conifer | | | | | |
| | | | | | | | | Hardwood | 2 | | | | 1 |
| 74 | LT | 2 | HT | 0 | 75 | 90 | 10 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 2 | | | |
| 74 | LT | 3 | HS | 40 | 25 | 90 | 10 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | | | | |
| 74 | RT | 1 | HT | 0 | 60 | 90 | 10 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | | | | |
| 74 | RT | 2 | HT | 0 | 90 | 95 | 5 | Conifer | | | | | |
| | | | | | | | | Hardwood | 1 | | 1 | | |
| 74 | RT | 3 | HT | 0 | 85 | 90 | 10 | Conifer | | | | | |
| | | | | | | | | Hardwood | 1 | | 2 | | |
| 91 | LT | 1 | HT | 0 | 80 | 80 | 20 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | | 1 | | |
| 91 | LT | 2 | HT | 0 | 90 | 90 | 10 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | | | | |
| 91 | LT | 3 | HT | 0 | 95 | 100 | 0 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | | | | 1 |
| 91 | RT | 1 | HS | 55 | 80 | 60 | 40 | Conifer | 1 | | | | |
| | | | | | | | | Hardwood | | | | | |
| 91 | RT | 2 | HS | 65 | 90 | 50 | 50 | Conifer | | | | | |
| | | | | | | | | Hardwood | 2 | 2 | | 1 | |
| 91 | RT | 3 | HS | 70 | 95 | 60 | 40 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | 2 | | 2 | |
| 114 | LT | 1 | HT | 0 | 90 | 80 | 20 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 3 | | 2 | |
| 114 | LT | 2 | HT | 0 | 95 | 90 | 10 | Conifer | | | | | 1 |
| | | | | | | | | Hardwood | | 2 | | | |
| 114 | LT | 3 | HT | 0 | 85 | 90 | 10 | Conifer | | | | | |
| | | | | | | | | Hardwood | 1 | | | | 1 |
| 114 | RT | 1 | HS | 100 | 60 | 80 | 20 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 6 | | 1 | |
| 114 | RT | 2 | RB | 0 | 40 | 10 | 90 | Conifer | | | | | |
| | | | | | | | | Hardwood | 1 | | | 1 | |
| 114 | RT | 3 | HS | 50 | 90 | 80 | 20 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 6 | | | |
| 127 | LT | 1 | HS | 35 | 70 | 90 | 10 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 2 | | 1 | |
| 127 | LT | 2 | HS | 40 | 60 | 90 | 10 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 1 | | | |
| 127 | LT | 3 | RB | 0 | 60 | 30 | 70 | Conifer | | | | | |
| | | | | | | | | Hardwood | 1 | | 1 | | |
| 127 | RT | 1 | HS | 90 | 95 | 80 | 20 | Conifer | | | | | |
| | | | | | | | | Hardwood | | 1 | | | |
| 127 | RT | 2 | HS | 25 | 100 | 60 | 40 | Conifer | | | | 1 | 1 |
| | | | | | | | | Hardwood | | | | | |

| | | | | | | | | | | | |
|-----|----|---|----|-----|----|----|----|----------|---|---|---|
| 127 | RT | 3 | HS | 25 | 95 | 60 | 40 | Conifer | 1 | 3 | 2 |
| | | | | | | | | Hardwood | | | |
| 132 | LT | 1 | HS | 100 | 90 | 90 | 10 | Conifer | | | |
| | | | | | | | | Hardwood | 1 | | 1 |
| 132 | LT | 2 | RB | 0 | 60 | 10 | 90 | Conifer | | | |
| | | | | | | | | Hardwood | 1 | | 1 |
| 132 | LT | 3 | HS | 110 | 95 | 50 | 50 | Conifer | | | |
| | | | | | | | | Hardwood | | 1 | |
| 132 | RT | 1 | HT | 0 | 70 | 95 | 5 | Conifer | | | |
| | | | | | | | | Hardwood | 2 | | |
| 132 | RT | 2 | HS | 25 | 90 | 90 | 10 | Conifer | | | |
| | | | | | | | | Hardwood | 1 | 2 | |
| 132 | RT | 3 | HS | 30 | 90 | 80 | 20 | Conifer | | | |
| | | | | | | | | Hardwood | 2 | 1 | |

COMMENT SUMMARY

MONITORING AREA: 2-MC SITE ID: 378 STREAM: WALKER CREEK

| UNIT# | TYPE | CHAN | DIST. (m) | COMMENTS | NOTES |
|-------|------|------|-----------|----------|---|
| 3 | DU | 02 | 34 | | DRY, UNDERGROUND FLOW, WATER RISING DUE TO HEAVY RAIN |
| 7 | LP | 00 | 86 | | WATER IS VERY OFF-COLOR, SUBSTRATE ESTIMATED |
| 11 | LP | 00 | 175 | BV | |
| 16 | RB | 00 | 229 | BC | RAILROAD |
| 17 | LP | 00 | 253 | CS/ | 8 PILINGS & 6M LONG CONCRETE BLOCK WHERE OLD BC WAS AT ONE TIME |
| 18 | RB | 00 | 259 | BC,CS/CS | US HWY 126 |
| 19 | LP | 00 | 281 | BC,CS/CS | US HWY 126 |
| 21 | LP | 00 | 320 | BV | |
| 22 | RI | 01 | 370 | DJ, BV | TWO SEPERATE DEBRIS JAMS |
| 25 | LP | 00 | 410 | | SUBSTRATE ESTIMATED DUE TO THE MUDDY WATER, VISIBILITY <0.3M |
| 27 | LP | 00 | 443 | HS | OLD CABLED HAB LOGS |
| 28 | RB | 00 | 450 | BV | |
| 30 | RI | 00 | 491 | | VERY HEAVY RAINFALL |
| 33 | LP | 01 | 544 | BV | |
| 34 | SL | 01 | 544.5 | | H=0.35M |
| 36 | LP | 02 | 570.5 | | NOT REALLY A PTC, FLOWS INTO POOL ON 01 CHANNEL |
| 38 | LP | 02 | 570.5 | HS | PLACED LOGS |
| 42 | LP | 00 | 626 | HS | PLACED LOGS |
| 44 | PD | 02 | 648 | | ONE POCKET 0.05M DEEP |
| 45 | LP | 00 | 665 | HS | CABLED LOG |
| 48 | RI | 01 | 719 | HS | CABLED LOG, PLACED BOULDERS |
| 50 | LP | 00 | 731 | DJ | SPECKLED DACE & COHO FRY IN POOL, FRY NUMBERS < 2007 SURVEY |

COMMENT SUMMARY

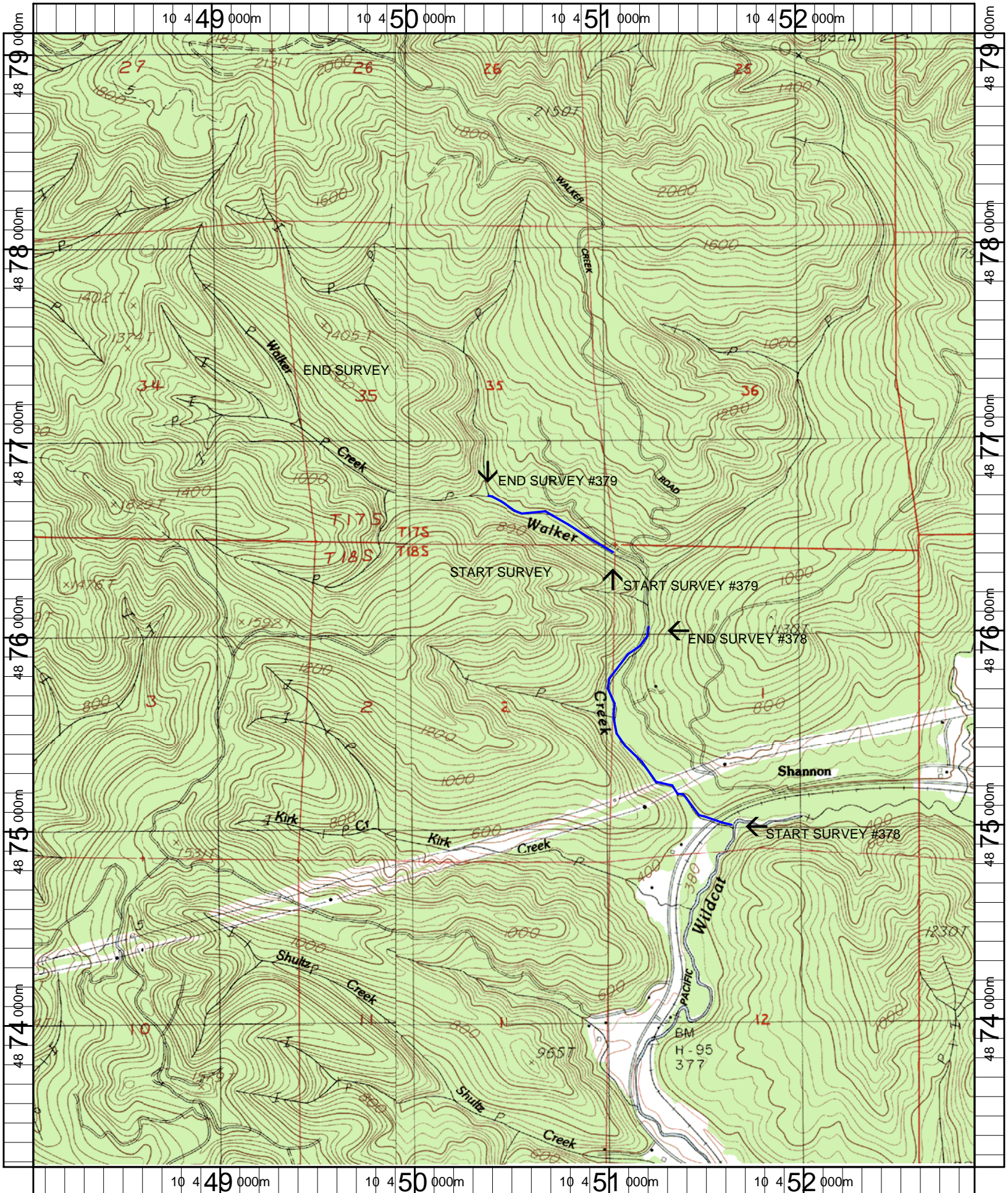
MONITORING AREA: 2-MC SITE ID: 378 STREAM: WALKER CREEK

| UNIT# | TYPE | CHAN | DIST. (m) | COMMENTS | NOTES |
|-------|------|------|-----------|----------|---|
| 54 | LP | 01 | 786 | HS | STEELHEAD FRY IN PTC, CABLED LOGS, BOULDERS |
| 56 | RI | 01 | 811 | HS | PLACED LOGS |
| 57 | LP | 01 | 821 | HS | PLACED LOGS |
| 58 | LP | 02 | 821 | HS | PLACED BOULDERS |
| 60 | LP | 00 | 863 | HS,DJ | PLACED LOGS |
| 61 | RI | 01 | 906 | HS | PLACED LOGS |
| 67 | RI | 01 | 968 | HS,AM | PLACED LOGS, PACIFIC GIANT SALAMANDER |
| 68 | DC | 02 | 968 | HS | PLACED LOGS |
| 69 | IP | 10 | 968 | HS | PLACED LOGS |
| 70 | RI | 00 | 994 | HS | PLACED BOULDERS |
| 72 | SC | 01 | 1015.4 | | H=0.40M |
| 73 | DU | 02 | 1015.4 | HS | PLACED LOGS |
| 74 | RI | 00 | 1065.4 | HS | CABLED LOGS, BOULDERS |
| 75 | RI | 01 | 1115.4 | TJ/,HS | PLACED BOULDERS |
| 76 | RB | 11 | 1115.4 | | T=13C |
| 78 | LP | 02 | 1115.4 | HS | CABLED LOGS |
| 79 | RI | 00 | 1151.4 | SS/ | |
| 85 | LP | 01 | 1216.4 | HS | PLACED BOULDERS |
| 87 | LP | 02 | 1216.4 | | COHO IN POOL |
| 89 | SL | 01 | 1228.7 | | H=0.15M |
| 94 | LP | 03 | 1259.7 | | COHO, BUT VERY FEW COMPARED TO 2007 SURVEY IN SAME LOCATION |
| 96 | LP | 03 | 1259.7 | HS | PLACED BOULDERS, LOGS |

COMMENT SUMMARY

MONITORING AREA: 2-MC SITE ID: 378 STREAM: WALKER CREEK

| UNIT# | TYPE | CHAN | DIST. (m) | COMMENTS | NOTES |
|-------|------|------|-----------|----------|---|
| 99 | LP | 04 | 1259.7 | DJ | |
| 100 | LP | 00 | 1279.5 | HS | PLACED LOGS, BOULDERS |
| 101 | RB | 01 | 1317 | HS | PLACED BOULDERS |
| 106 | RI | 00 | 1424 | HS | PLACED LOGS, BOULDERS |
| 107 | SC | 00 | 1430 | HS | CABLED LOGS, BOULDERS |
| 109 | LP | 00 | 1458 | HS | PLACED LOGS, BOULDERS |
| 110 | SC | 00 | 1461.7 | HS | PLACED BOULDER |
| 111 | RI | 01 | 1495.7 | HS | CABLED LOGS, BOULDERS |
| 112 | DC | 02 | 1495.7 | HS | PLACED BOULDERS |
| 113 | LP | 00 | 1506.7 | HS | PLACED LOGS |
| 115 | LP | 00 | 1527.7 | DJ, HS | PLACED BOULDERS, LOGS |
| 116 | SC | 00 | 1535.7 | HS | CABLED BOULDERS, LOGS |
| 117 | LP | 00 | 1553.7 | HS | CABLED LOGS, BOULDERS |
| 118 | CC | 00 | 1568.7 | CC,CS/ | CULVERT MADE OF CORRUGATED STEEL, W=3.6M, H=2.1M |
| 123 | RB | 00 | 1653.7 | CS/ | |
| 124 | LP | 00 | 1668.7 | | PLACED LOG |
| 126 | PP | 00 | 1724.7 | /SS | |
| 127 | CB | 00 | 1774.7 | /SS | BOULDER COUNT ROUGH ESTIMATE, MAY BE NEAR 100 IN THIS UNIT. |
| 132 | CB | 01 | 1908.7 | TJ/ | |
| 133 | CB | 11 | 1908.7 | | T=13C |



Name: WALTON
 Date: 5/9/2007
 Scale: 1 inch equals 2000 feet

Location: 10 450480 E 4876175 N
 Caption: WALKER CREEK TREATMENT (#378) AND REFERENCE (#379)
 REACHES - SIUSLAW BASIN

MC-378 Walker Creek (Post-Treatment) 2008 Summer Habitat Survey Photographs



Reach photo