# BEAVER COEXISTENCE TOOLS

## Materials & Suppliers

### CULVERT PROTECTOR MATERIALS

(Culvert protector must be a minimum of 8' out from the culvert, at an angle)

- □ Five sheets of 4'x8' (galvanized) wire mesh with 6"x6" mesh opening (6 gauge) OR Two 16' (13 line) hog panels \*Mesh openings no larger than 6"x8", 24' total length of mesh
- □ Four to six 7' steel T-posts
- □ One 50' roll galvanized wire (11-12 gauge)
- □ ~100 Hog rings (HLG3 # 3's)
- □ Eight pressure treated 2"x4" lumber
- □ 2.5" deck screws





## POND LEVELLER MATERIALS

- Three sheets of 4'x 8' (galvanized) wire mesh with 6"x 6" mesh opening (6 gauge)
  \*Mesh openings no larger than 6"x8", 24' total length of mesh
- □ Four 7' steel T-posts
- □ One 50' roll galvanized wire (11-12 gauge)
- □ ~100 Hog rings (HLG3 # 3's)
- □ 40' double-walled poly pipe (25-40% capacity of downstream drainage) (*ex. downstream 36" diameter culvert* = 12" double-walled pipe in upstream dam)
- □ One split coupler (same diameter as pipe)
- □ ~2 extra zip ties for coupler
- □ ~Nine 2" deck screws
- □ Two half cinder blocks or other water-safe weights

Note that the amount and size of certain materials will be site dependent. Contact us for additional information.

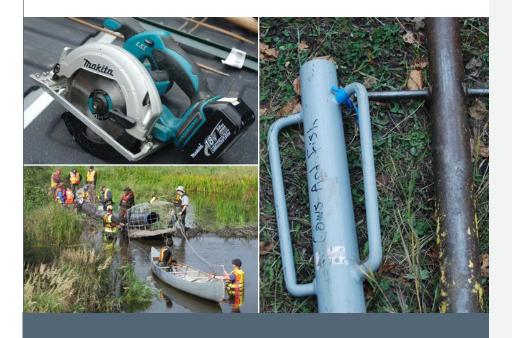
#### EQUIPMENT LIST

Power Tools:

- □ Skill saw
- □ Cordless drill
- □ Reciprocating saw (optional for culvert protector)

Non-power Tools:

- $\hfill\square$  Hog ring pliers
- □ Regular or fencing pliers
- $\hfill\square$  Wire cutters or side cutters
- □ Bolt cutters
- □ Post pounder or sledge hammer
- □ Tape measure
- □ Waders or rubber boots
- □ Dam clearing tools (rake, shovel etc.)
- Devices to help float pond leveller cage into place (e.g. plywood with two tire inner tubes, pool noodles); depending on depth a canoe or flat bottom boat is useful
- □ Appropriate safety gear (gloves, safety goggles, life jackets, etc.)



## SUGGESTED SUPPLIERS

(Availability of materials may vary)

Galvanized wire mesh:

- Sherwood Steel Ltd., Edmonton, Calgary
- **UFA** (10 or 13 line hog panels), Alberta-wide

Ungalvanized wire mesh can be galvanized at (advanced notice required):

- Daam Galvenizing Ltd., Edmonton, Calgary
- Canadian Galvenizing, Edmonton

#### Hog Rings & Pliers:

- Decker Manufacturing, sold at Peavey Mart, Alberta-wide
- UFA, Alberta-wide
- Rona, Alberta-wide

Double-walled Pipe: (also called Blue Seal pipe or Boss 2000 pipe)

- Armtec, Alberta-wide
- UFA, Alberta-wide
- Corix Water Products, Edmonton
- Prospector Pipe, Peace River
- Hancor (Blue Seal pipe)

To view an installation video for these tools, please visit the "Landowner Resources" page on our project website <u>www.rockies.ca/beavers/</u> <u>landowners.php</u> or reach out to the project team below.







#### FUNDERS

Alberta Environment & Parks' Watershed Resiliency and Restoration Program

> Calgary Foundation WWF Canada, Loblaw Water Fund

#### CONTACT

Putting Beavers to Work www.rockies.ca/beavers Cows and Fish 403-381-5538 riparian@cowsandfish.org www.cowsandfish.org