

# 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'x8' (galvanized) wire mesh with 6"x6" 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:

- Hog ring pliers
- Regular or fencing pliers
- 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 [www.rockies.ca/beavers/landowners.php](http://www.rockies.ca/beavers/landowners.php) 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**  
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