

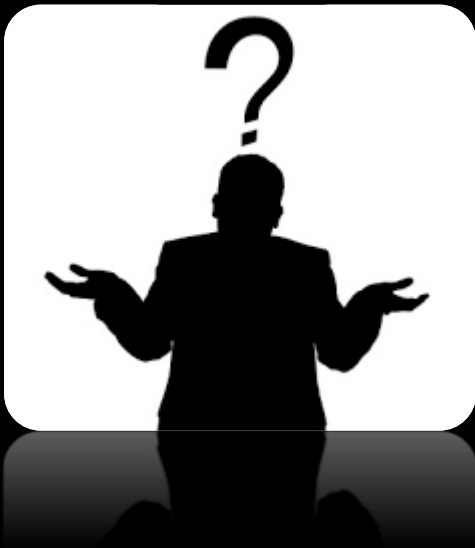
**Importance of
Fabrication To a
Mosquito Control
Program.**

*By Douglas Nelson
Lead Maintenance Worker
Chatham County Mosquito
Control*



When I start my fabrication I ask myself the 4 W'S

1. W= WHY
2. W= WHAT
3. W=WHEN
4. W=WHERE



WHY?

Why are we
building this
instead of buying
it?



WHAT?

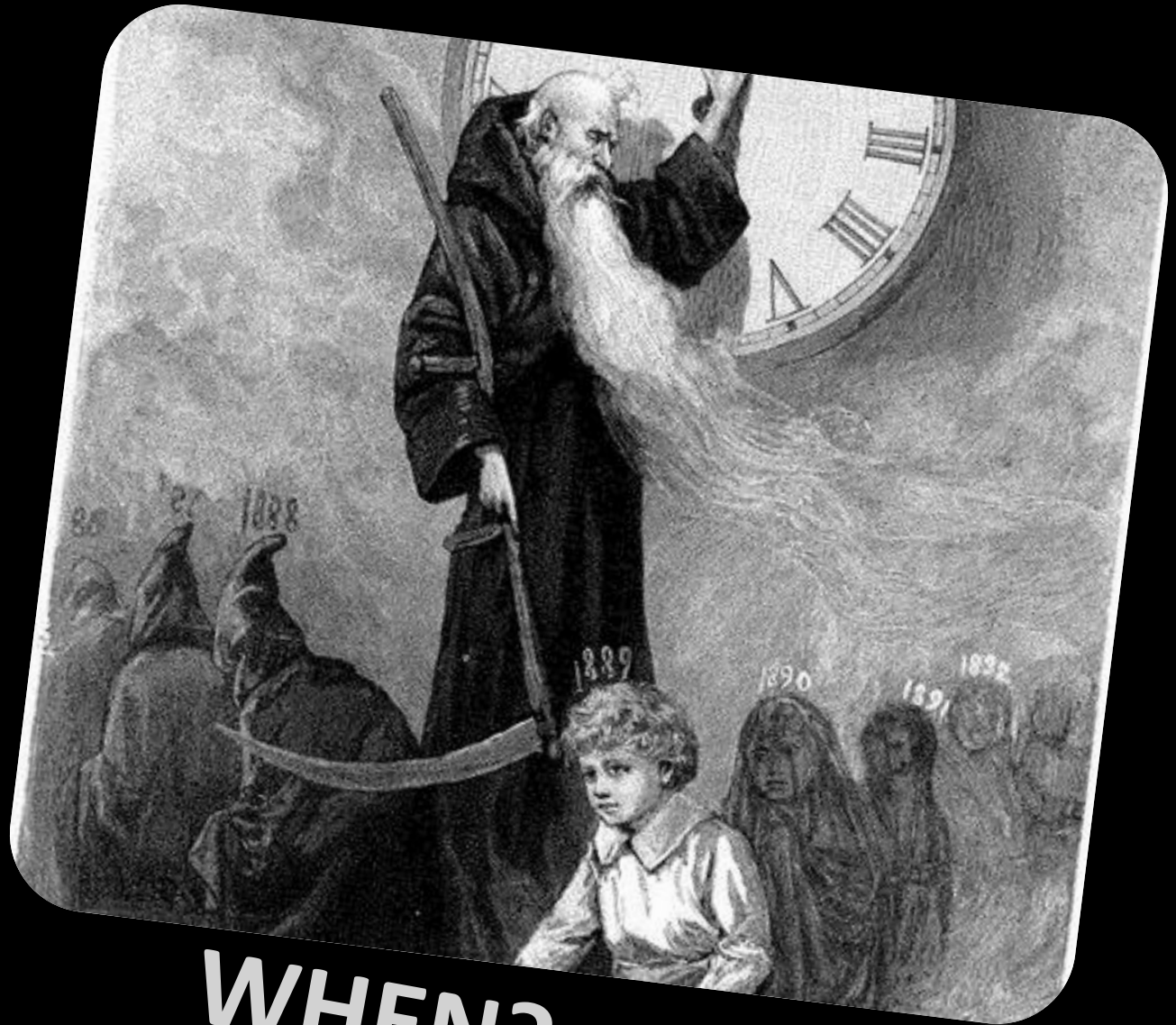
To be more
effective in
are job.

What do we need
this for???????



WE NEEDED THIS YESTERDAY!!!!!!!!!!

When do we need
this done ?

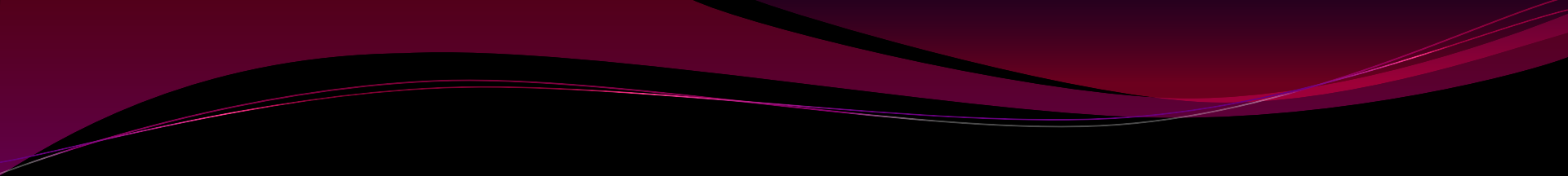


WHEN?

WHERE?



In what kind of area will it be deployed in.



Here are some products I have
made for our program at Chatham
County Mosquito Control.....

Sentinel Chickens:

Sentinel Chicken
Restraining Device



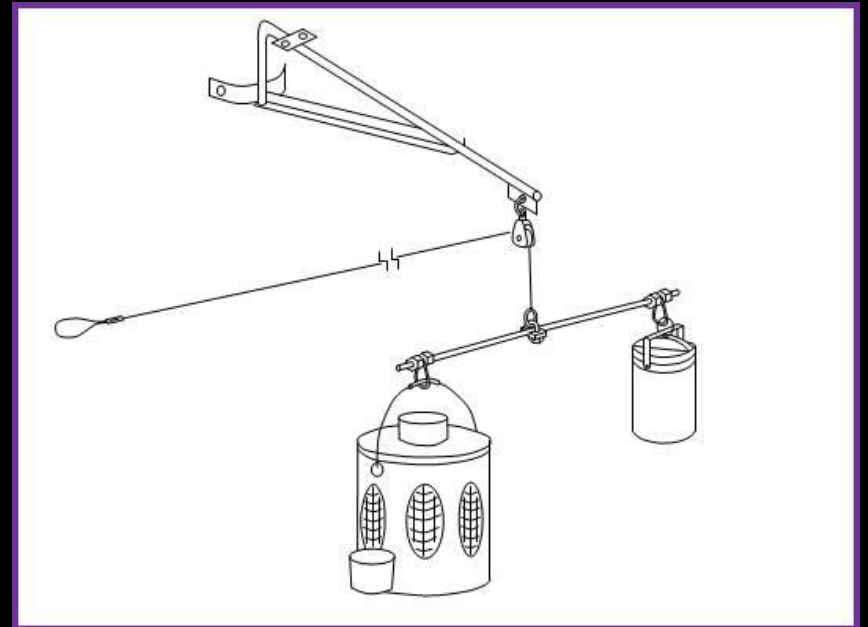
Mobile cages for Sentinel
Chickens.



Sentinel Chickens Buckets:



Sentinel Chicken Hanger:



CDC light trap hanger:



Gravid Traps..

Average cost to buy is 450 dollars.

Average cost to make is 100 dollars.

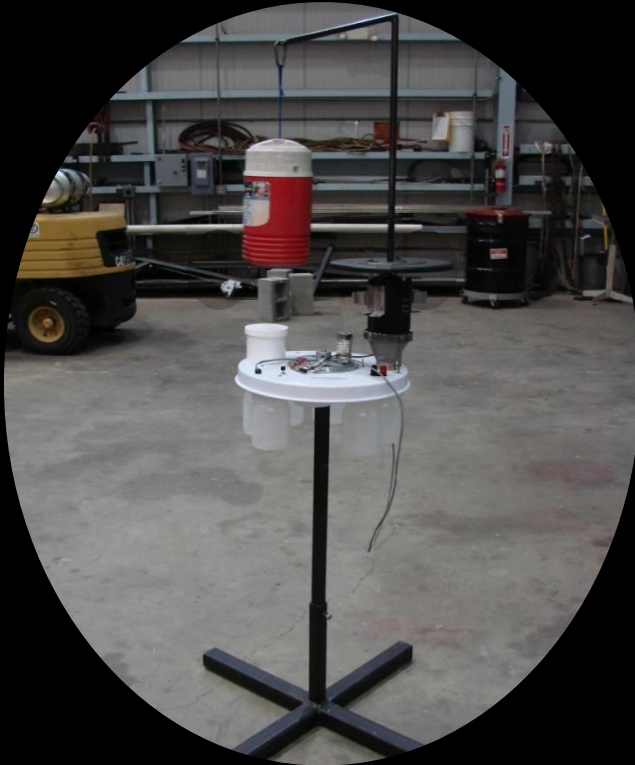


Impinger trap and cover:



Collection Bottle Rotator Stand:

Completed Unit:



Dry Ice Attachment:



Collection Bottle Rotator Stand:

Light Trap Attachment:



Stand Shaft and Base:



BG Sentinel Trap Covers:



Rearing Cages

The Cost to buy a new cage is around \$90



The Cost to make 4 cages parts and labor \$180



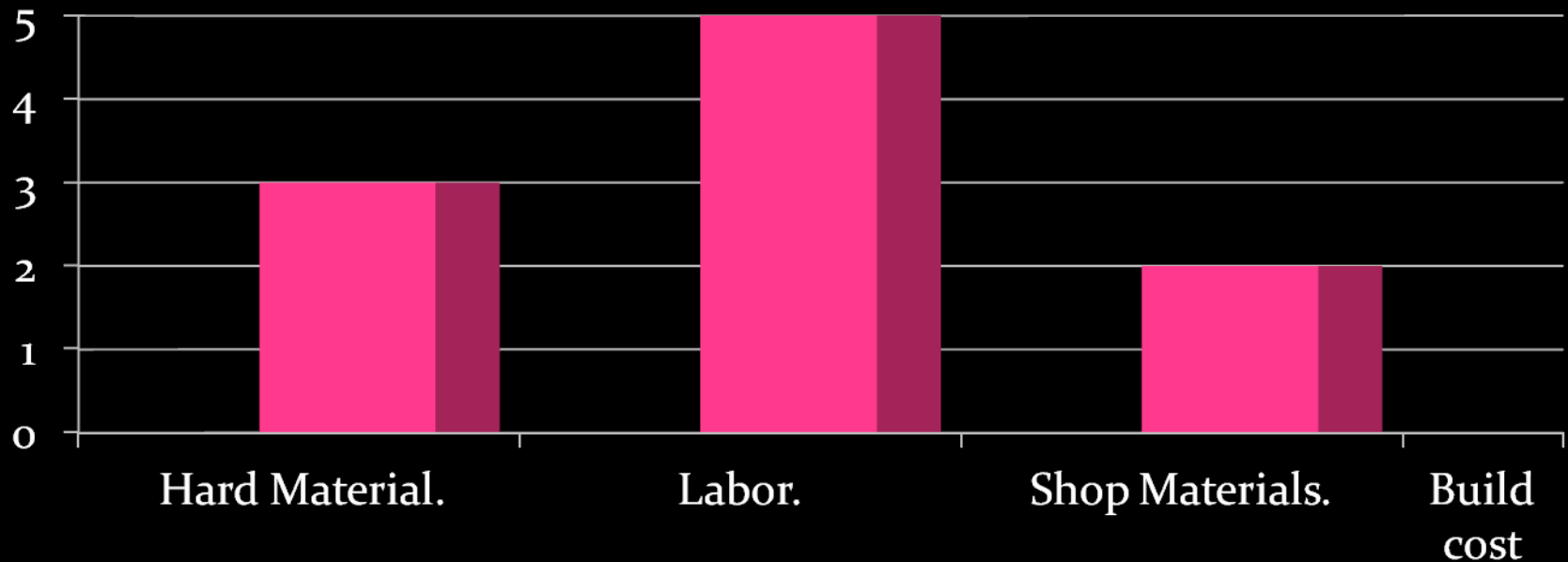
ULV Spray Truck Converted from a Single to a Dual Nozzle.



Calibration tiles for water sensitive card:



Division of cost during a normal build.



I estimate from 2010 to 2015 I have saved the county roughly around 12,500 dollars over this time period.

Without Fabrication....



With Fabrication....



The End.....

