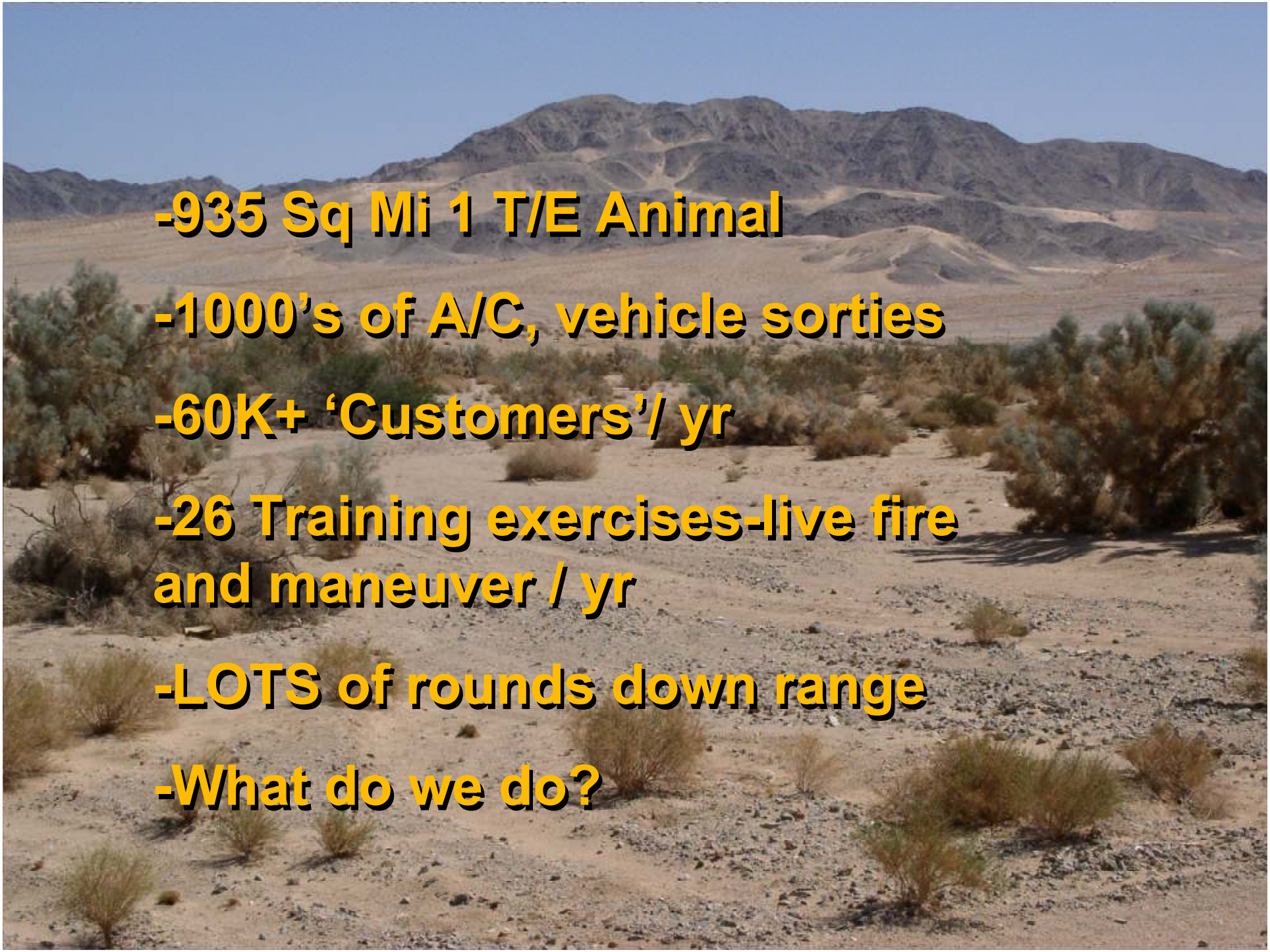
Range Residue, Reduction Credits and Reptiles

MARINE AIR GROUND TASK FORCE
TRAINING COMMAND


-935 Sq Mi 1 T/E Animal
-1000's of A/C, vehicle sorties
-60K+ 'Customers'/ yr
-26 Training exercises-live fire and maneuver / yr
-LOTS of rounds down range
-What do we do?

One view…

YES, WE APPRECIATE THE RUSH YOU AND YOUR PEOPLE ARE IN, BUT YOU'LL JUST HAVE TO WAIT UNTIL OUR ENVIRONMENTAL IMPACT REPORT HAS BEEN COMPLETED...
MOSES and the E.P.A.
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How do we do this?

Approximately 48,000 briefed in 2005

- HazMat
- Cultural Resources
- Venomous Animals
- Desert Safety
- Desert Tortoise

Rounds go out, Ranges Swept/Metals turned in …

- Brass
- Aluminum
- Steel
- Plastic
- Wood
- Processed for bids- $$ labor offset

Who does this?
-TWI-Waste streams
-REVA/Constituents
-EOD certified
-Certified/trained
-3x/5x processed
-Decrease liability

Aluminum Melting Furnace

Aluminum processing

Brass Casings /Hammermill

Baled Concertina Wire/Steel

Heavy Steel

Win – Win: Clean Ranges, less risk

Emission Reduction Credits

-Here's the idea:

+Realize the need-future plans in airshed

+MDAQMD Rule 1400 regulates process

+Apply!

+Must be real, permanent, quantifiable, enforceable and surplus

Emission Reduction Credits

-Discussion stems from all the training and the means of getting this training done

-New A/C soon to be operationally capable (F/A 18 E/F, MV-22, upgraded H-1's)

Emission Reduction Credits

PM10	75 t/yr at $191k /ton
NOx	2.5 t/yr at $140k /ton
Volatile Organic Compounds	69lbs at $70k/ton
Carbon Monoxide	N/A
Sulfur Oxides	N/A

Tortoise Research and Captive Research Site (TRACRS)

-UCLA/Dr. Ken Nagy

-Command/Public support

-Acknowledge research, take a more proactive approach

-Apply lessons learned, build on experience

What's the Future ?

-Head Start v.3

-Disease study

-Genetics

-Facility improvement

Summary

-Range Residue Harvesting
-Reduction Credits
-Reptiles
-Questions ?