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**FIELD REPORT
LOS ANGELES WATER**

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WE HAVE MANY POLITICAL
AND TECHNOLOGICAL
ADVANCES IN 2020

GOVERNOR HILTON



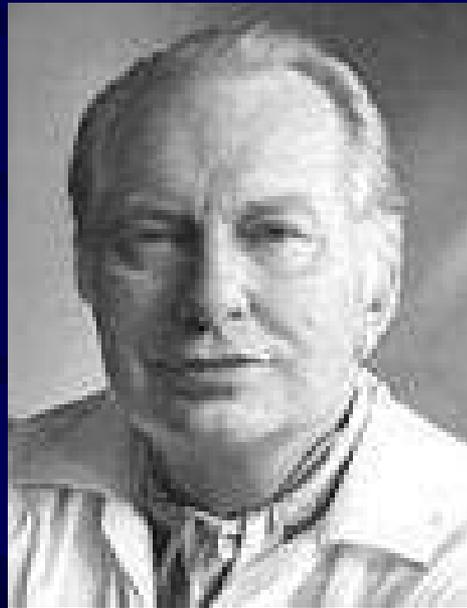
Big Mc Mouse Burger



MY FLYING CAR!



BRING IN THE CLONES



TOP REALITY SHOW



FIELD REPORT

- ANYTHING MIGHT HAPPEN IN THE FUTURE- ESPECIALLY IN CALIFORNIA!
- COME WITH ME NOW AS WE EXPLORE SOME POSSIBLE LIFESTYLES, BASED ON CURRENT TRENDS AND FORCES

THE SITUATION IN 2020

- WATER CONTINUES TO DIMINISH
- GLOBAL TEMP UP 1.5 CELSIUS
- SOCAL NOW HAS HALF THE IMPORTED WATER SUPPLY IT HAD IN 2010
- PERMAFROST MELT CAUSES RELEASE OF METHANE

SITUATION IN 2020

- PETRO FUELS NOW AT \$15 PER GALLON
- POTABLE WATER TOP TIERS NOW \$25 PER HCF
- REGIONAL GPCD NOW AT 75 GALLONS OR LESS

POPULATION REDUCTION

- EXODUS AMONG CERTAIN GROUPS:
- CONSTRUCTION TRADES
- DOMESTIC SERVANTS
- LANDSCAPERS
- THE WEALTHY

POPULATION REDUCTION

- EXURBS ABANDONED OR INSULAR
- ETHNIC SHIFT TO 50% HISPANIC, 30% ASIAN, 10% ANGLO, 10% AFRICAN AMERICAN
- LEVELS OFF AT 15 MILLION
- LESS VERY RICH AND VERY POOR
- “PARADIGM SHIFT HAPPENS”

DISCORPORATION

- LOS ANGELES REACHES POINT OF DIMINISHING TAX REVENUE
- OPTS TO LET COMMUNITIES BECOME INSULAR, DISENFRANCHISE
- IN 2013 COMMUNITIES GRADED FOR VIABILITY
- THOSE BELOW THRESHOLD CLOSED

AGRICULTURE

- CENTRAL VALLEY HIT HARD,
WATER PLUS TRANSPORT COSTS
- DRIVES MARKET TO LOCAL SMALL
FARMS CLOSE TO CONSUMERS
- BACKYARD VEGETABLE PATCHES
BECOME VIABLE
- LOCAL SMALL SCALE MEAT FARMS

AGRICULTURE

- FORMER LANDSCAPERS BECOME LOCAL FARMERS
- SCHOOLS BECOME VEGETABLE FARMS AND FRUIT ORCHARDS
- GRAIN INDUSTRY SURVIVES WELL, IN DAKOTAS AND CANADA
- LESS MEAT CONSUMPTION, CHICKENS IN THE BACKYARD

LANDSCAPE WATER USE

- ALL RESIDENTIAL AND CII RESTRICTED TO DRIP
- SPORTS AND PARKS EXEMPT
- THE LARGE LAWN IS GONE, MEDITERRANEAN GROUNDCOVER IS IN
- LARGE PRIVATE LANDSCAPES VILLIFIED

NEW ENERGY AND WATER

- DESAL PLANTS: WORK WELL, HIGH ENERGY COST, LIMITED SERVICE AREA
- WIND GENERATORS ALLOWED EVERYWHERE
- WIND TO WATER TAKES OFF IN 2012, SAVES SMALL COMMUNITIES

REPORTS ON FOUR LOS ANGELES REGION CITIES

MALIBU

- POPULATION HAS DECREASED SLIGHTLY
- WATER QUALITY AND SUPPLY EXCELLENT THANKS TO WIND TO WATER TECHNOLOGY
- GPCD 90
- MANY FORMER LANDSCAPES AND OPEN AREAS NOW FRUIT AND VEGETABLE FARMS





MORE MALIBU

- HAS BECOME A SHOWCASE FOR PV, WIND, GREEN AND SUSTAINABLE CULTURE
- ENERGY AND WATER INDEPENDENT
- START WITH MILLIONS OF DOLLARS AND MOVIE STARS, THE REST IS EASY

COVINA

- BUDGET PROBLEMS BEFORE THE WATER CRISIS
- IN 2010 60,000 POP, 80% HISPANIC
- EMPTIED OUT QUICKLY
- OPTED FOR CLOSURE
- AREAS CORDONED OFF, NO WATER OR POWER







MORE COVINA

- ADMIN AND POLICE BY GLENDORA
- POPULATION DROPS TO 4,000,
MOSTLY COMMERCIAL
- TRANSIENTS AND CRIME NOT A
PROBLEM- THERE IS NO WATER

DIAMOND BAR

- ADDRESSED THE WATER/ENERGY SITUATION EARLY ON
- QUICK COMPLIANCE FROM LOCAL 80% ASIAN POPULATION
- UNIFIED WITH 5 OTHER AREA ASIAN CITIES
- GPCD DROPS TO 40



MORE DIAMOND BAR

- BECAME ENERGY AND WATER INDEPENDENT WITH SOLAR, WIND AND WIND TO WATER
- NOW AN AUTONOMOUS REGION
- A NATIONAL ECONOMIC POWERHOUSE
- THE SWITZERLAND OF CALIFORNIA

CHINESE ENERGY TECHNOLOGIES

- FIRST TO MARKET CONSUMER
SMALL SCALE WIND TO WATER
SYSTEMS
- SOLD WORLD WIDE
- FIRST TO SUCCESSFULLY MARKET
ELECTRIC FLYING CARS

SUNLAND

- LARGE HINDU AND SIKH GROUP FROM CHATSWORTH AND NORTHRIDGE MOVE INTO SUNLAND
- CREATE A LARGE VILLAGE WITH TEMPLE SYSTEM.
- VERY LOW GPCD, 30 GALLONS
- RETURN TO INDIA RURAL LIFE STYLE



MORE SUNLAND

- STILL DEPENDENT ON LADWP FOR POWER, WATER INDEPENDENT
- HIGHLY EFFICIENT LOW ENERGY APARTMENTS
- IN 2016 OPEN ADVANCED HOSPITAL COMPLEX
- BECAME A MODEL FOR OTHER COMMUNITIES

WIND TO WATER TECHNOLOGY

- STARTED AS A LUXURY, RAMPED UP TO LARGER SCALE BY 2012
- BECAME A LIFELINE FOR MANY COUNTRIES:
- MOROCCO, SPAIN, AUSTRALIA, CENTRAL AMERICA, PHILIPPINES, FLORIDA, GEORGIA, ETC.

WIND TO WATER TECHNOLOGY

- A SIMPLE COMBINATION OF TWO EXISTING TECHNOLOGIES-
CONDENSING REFRIGERATION UNITS
AND WIND GENERATORS
- ABLE TO PRODUCE 500 GALLONS
PER DAY WITH A RESIDENTIAL
SYSTEMS
- SAFE FOR THE ATMOSPHERE

WIND TO WATER TECHNOLOGY

- HOME VERSIONS COST AROUND \$5000
- MUST HAVE A 35% OR HIGHER AMBIENT HUMIDITY TO WORK WELL
- WIND POWERED, CREATE WATER AROUND THE CLOCK
- EXCELLENT FOR RANCH ANIMALS

SUMMARY

- ALTHOUGH LA HAS DIMINISHED, IT HAS FOUND A SUSTAINABLE LEVEL
- OTHER WESTERN STATES ABSORBED THE EMIGRATION
- NEVADA, ARIZONA AND NEW MEXICO UNDERWENT SIMILAR EVOLUTIONS

SUMMARY

- SOME ETHNIC GROUPS ADAPTED QUICKLY AND CAPITALIZED, OTHERS FOUGHT CHANGE BITTERLY
- THE ERA OF SHIPPING FRESH FOOD ACROSS THE COUNTRY ENDED
- A CREATION OF A NEO AGRARIAN SOCIETY, THANKS TO SMALL SCALE CLEAN ENERGY

SOURCES

- MOHENJO DARO VALLEY, PAKISTAN
- ISRAEL
- AUSTRALIA
- BHOPAL, INDIA
- THE ROMAN EMPIRE
- MARSHALL MCLUHAN
- BUCKMINSTER FULLER

**“THERE ARE NO
PASSENGERS ON SPACESHIP
EARTH. WE ARE ALL
CREW.”**

-MARSHALL MCLUHAN