NOT JUST A WATER PLAN
BUT A
SOLUTION:
A SURVIVAL PLAN FOR CALIFORNIA

(1)

QUESTION: DO CALIFORNIANS DESERVE TO HAVE CLEAN WATER TO DRINK?

1 TO RECHARGE THE UNDERGROUND AQUIFER THE FOOTHILLS TO THE EAST.

A. UNLINED CANAL FROM AMERICAN RIVER TO STANISLAUS RIVER

B. WATER TO FLOW IN BOTH DIRECTIONS

* C. BUT ONLY DURING high WATER WET YEARS JUST BEFORE FLOOD STAGE. NOT DURING DRY DROUGHT YEARS

D. AND NOT YEAR ROUND, JUST those few WEEKS or Months of HIGH WATER RUN off that would CAUSE FLOOD DAMAGE.

E. Pipe WATER accross CONSUMNES R AND CALAVERAS RIVER.

F. FLOOD OUT SPACE for RECHARGE TO TAKE PLACE. EVERY 2 MILES, 5 MILES 10 MILES (ENGINEERS TO Decide) Through A FLOOD GATE

G. FLOOD OUT SPACE: Could BE AS SMALL AS 5AC - 25AC AND AS LARGE AS 200 AC TO 400 AC. (Let ground Hydrology Dictate this). PONDS TO BE SCRAPED out of Foothill HARDPAN 2½-3ft DEEP - SHALLOW/Broad AREA

H. PLANT CALIFORNIA GIANT HARDSTEAM

Bull rush in these flood out places. This plant will address water quality improvement

BENEFITS

I. These areas will provide wildlife areas to migrating waterfowl / wildlife

J. This is a passive, percolation system saving tax payer money from water injection machinery, operation and maintenance cost. Part of the canal is already built from American R. (Folsom) South - but lined with concrete.

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K. If this system proves fruitful and the aquifer benefits — a similar project could be constructed from the Feather River, to the Yuba River and Yuba River to the American River

Back along the foothills (Cable country)

Now we have a chance to backfill the underground aquifer and store water, also and most importantly dilute (with fresh water) the chemical problems found in the aquifer and drinking wells.

2. The DELTA: To protect the underground aquifer from salt intrusion from the DELTA.

A. A FRESH WATER (CLEAN) BARRIER BETWEEN the DELTA AND UNDERGROUND AQuifer.

B. LOOK AT MAP. The cities that FORM A HALF-CIRCLE AROUND the DELTA, FROM SACRAMENTO TO TRACY.

C. The NEW E.P.A. REGULATIONS DEMAND UPGRADING of PRESENT WASTEWATER TREATMENT PLANTS.

E. USE TULE MARSH SYSTEM FOR FINAL WATER TREATMENT.

F. This will ALLOW FOR A LARGE (400 AC OR MORE) AREA FOR WATER Percolation TO TAKE PLACE AND RECHARGE. AT EACH WASTE WATER TREATMENT PLANT/OR AREAS AWAY from PLANT.

G. This will SET up A FRESH WATER BARRIER BETWEEN the DELTA AND UNDERGROUND AQuifer. By Percolating clean WATER DOWN (RECHARGE AREA) BETWEEN DELTA AND AQuifer

H. This RECHARGE AREA will WORK 365 DAYS A YEAR, EVEN in Drought years

I WATER That COMES Through the TULE MARSH TREATMENT Could BE

1) ROUTED INTO DELTA TO DILUTE pollution There AND S.F. BAY.

2) PIPED AND PUMPED BACK TO UNDERGROUND RECHARGE SYSTEM FOR FUTURE USE

3) 50-50% Split would BE BEST or 25% 75% TO DELTA.

J. SACRAMENTO / ELK GROVE AREA will have such A GREAT VOLUMNE of WATER, SOME of it could BE piped south for (Direct) USE in DELTA protection PLAN.

BENEFITS

K. 1) AGAIN, LOW COST TO TAXPAYERS
2) BENEFITS TO WATERFOWL / WILDLIFE
3) CLEAN WATER DISCHARGE TO the DELTA
4) INTERVENTION / BARRIER TO SAVE the AQUIFER FROM SALT WATER INTRUSION.

L. This SYSTEM will work DURING Drought years when the THREAT of SALT INTRUSION is AT its HIGHEST PEAK, BECAUSE WASTE WATER FROM Cities is A CONSTANT (OR EVER INCREASING SOURCE of WATER)

3. SANTA CLARA VALLEY

A. D.W.R PLAN FOR 50% CUT BACK ON WATER supply (OR Bureau of RECLAMATION)

B. PROBLEM of CONCERN: Population Migration FROM BAY AREA TO THIS VALLEY will INTENSIFY DRAMATICALLY, CAUSING
1) MORE DEMAND ON WATER HERE

2) LOSS of VALUABLE FARM LAND TO SUBDIVISIONS AND URBANIZATION.

SOLUTION FOR SANTA CLARA Valley TO Keep Present WATER COMMITTMENT AND MEET WATER COMMITTEMENT AT the TRACY PUMPS TO The SOUTH.

4. TRACY AND SANTA CLARA Valley

A. A PIPELINE (or PIPELINES) from SANTA CLARA Valley TO TRACY pumps (AREA)

B. TO CARRY WASTE WATER from WASTE WATER TREATMENT PLANTS FROM SANTA CLARA Valley (GREY WATER)

C. Could ALSO BE OAKLAND / North BAY AREA ALSO (Could BE INCLUDED)

D. AT TRACY BUILD, NEW STATE of the ART LARGE WASTEWATER TREATMENT PLANT USE NEW Technology (SEE VIDEOTAPE)

E. INCORPORATE MARSH TULE Project IF NECESSARY TO polish the FINAL Product.

F. This RECYCLED CLEAN WATER would Then BE PUMPED South AT the STATE & FEDERAL PUMPS TO MEET (Present) WATER COMMITTMENTS TO the SOUTH AND FARM LAND IRRIGATION WATER TO the Southern SAN JOAQUIN Valley would NOT HAVE to be Cut back 50%

5. BENEFITS FROM this RECYCLED WATER

A. A CLEANER SOURCE of WATER THAN PRESENT DELTA WATER that is TOXIC

*→ B. WASTE WATER would PROVIDE A EVER INCREASING VOLUME of WATER AS the population continues to GROW AND EXPAND

IMPORTANT

A NEVER ENDING ALWAYS INCREASING WATER SUPPLY

(A NEVER ENDING SOURCE) of WATER.

C. By redirecting WASTE/SEWAGE WATER AWAY FROM the S.F. BAY, this would allow the BAY to purge AND CLEAN itself

D. STOP DUMPING of GARBAGE AND SEWAGE INTO the BAY & ESTUARY SHOULD REDUCE POLLUTION BY 50% or MORE

6. OVERALL BENEFITS TO DELTA AND S.F. BAY. USING THIS PROGRAM

A. It should RESULT IN A 50% or MORE REDUCTION IN TOXIC OVERLOAD TO The DELTA AND S.F. BAY AND ESTUARY

B. GET WASTE WATER TREATMENT OUT of the VALUABLE WATER AND BACK ON LAND. OUR WATERWAYS CAN NO LONGER BE OUR "SEWERS" of CALIFORNIA

7. The FUTURE, MICROBES AND Preventing FUTURE TOXIC OVERLOAD TO the ECO SYSTEM.

A. A CONCERN that these Tule MARSH PROJECTS Will Collect Pollutants: MERCURY - PESTISIDES HEAVY METALS, Fertilizers etc AND BECOME TOXIC WASTE DUMPS 30yrs in the Future

B. They will collect these pollutants but the MICROBES IN A TULE MARSH will Break them DOWN OVER TIME or Bury them in MARSH Muck over A period of TIME MAKING them inert (ENTOMBED)

C. MICROBES ARE NOW being GENE CLONED IN 2 LABORATORYS. one in British Columbia one TIGER LABS on the EAST COAST(?)

D. MICROBES are being USED Right NOW TO CLEAN up TOXIC WASTE DUMPS AND COUNTY GARBAGE DUMPS IN Georgia - or Arkansas - SEE VIDEO TAPE

E. MICROBES are the Technology of the Future for cleaning up INDUSTRIAL WASTE of All TYPES

*→ G. This should BE PURSUED for BENEFITS
(IMPORTANT) TO CALIF. By Both Government Agencies Political REPRESENTATIVES AND UNIVERSITY of CALIF. FOR BENEFITS TO CALIFORNIA AND its People AND RESOURSES

8. SAN FRANCISCO BAY is BEING "STERILIZED" (E.P.A) by DIAZINON AND other CHEMICALS FROM URBAN RUNoff. (Cities AND TOWNS) The LARGEST (IMMEDIATE) affect is COMING from STORM DRAIN OUTFLOW.

SOLUTION:

INTERRUPT PIPELINE (STORM DRAIN) FLOW, INTERJECT A TULE MARSH project BETWEEN pipeLINE AND OUTFLOW TO the S.F. BAY. It will WORK.

AGAIN DR. LISA ROSS has FOUND that A MERE 5' ft VEGETATIVE STRIP (BARRIER) will Outgass DIAZINON (DISSAPATE it)

This would be one way of STOPPING the DISASTER that is TAKING place in SAN FRANCISCO BAY AND what it is DOING (or will DO in the future) TO ALL FISHERY's IN this part of the STATE. NOT TO MENTION the TAX DOLLARS AND LOSS of LIVILYHOOD that DEPEND ON those FISHERYS AND the HEALTH AND SAFETY of the people of CALIFORNIA.

9. CONCLUSION:

The AUBURN DAM only provides FLOOD CONTROL as its MAJOR BENEFIT (AND A POSSIBLE / POTENTIAL DISSASTER)

I BELIEVE the ABOVE MENTIONED PLAN

would provide GREATER BENEFITS TO ALL Californians and provides Multiple BENEFITS NOT JUST ONE. AND GREATER VOLUME of WATER STORAGE without EVAPORATION LOSS.

IF I REMEMBER All the DOCUMENTATION I have READ correctly, I BELIEVE the BUREAU of RECLAMATION has already "EARMARKED" or FUNDED $240 Million dollars for the AUBURN DAM.

Why couldn't those FUNDS BE USED By Congress TO Build (IMPLEMENT) this PROGRAM INSTEAD.

It would SAVE the TAX payers of this country A Lot of TAX Dollars.

I HOPE this ALTERNATIVE WATER PLAN would find its WAY into the Right and Proper Political HANDS.

Thank you for your TIME AND EFFORT in READING this

Sincerely,
Don Kraft

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9. Support For this Program:

Support for this program Could probably BE GAINED from the Following groups TO NAME A FEW

1. AGRiculture in this Area (AND South SAN Joaquin Valley)
2. URBAN (Cities) For cleaner Drinking water AND its protection from salt INTRUSION
3. STATE AND FEDERAL AGENCIES

   1. DEPART of WATER RESOURSES
   2. WATER QUALITY CONTROL BOARD
   3. E.P.A (STATE AND FED) (CLEAN WATER)
   4. Bureau of RECLAMATION
      U.S. Army Corp of Engineers (FLOOD CONTROL)
   5. INSURANCE Companies (FLOOD CONTROL)
      1997 $300 Million LOST

   6. STATE Fish and GAME
      Wild Life CONSERVATION Board

      (For Migratory Bird, WATERFOWL Wildlife HABITAT CREATED At RECHARGE STATIONS ALONG FLOOD CANAL BETWEEN AMERICAN RIVER AND STANISLAU RIVER)
   7. MANY others including WATER DISTRICTS