TELEPHONE NOTES

Date: November 18, 1992

To: Mary Lane VanCleve

From: Steve Ripple

Subject: Demographic Subcontractor

I called Mary Lane to determine the status of the subcontract approval for Cathy DaMassa. Mary Lane indicated that she had been attempting to contact local historians that might be interested. Her first contact indicated that he was not interested. She suggested that we could follow up with the following individuals that she has not contacted yet:

UT - History Department

Dr. Chuck Johnson 615-974-7088
Dr. Bruce Wheeler 615-974-7089

State Center for Business and Economic Research

David Haek 615-974-5441

Consultant

Don Belcher 615-646-6789

ChemRisk Document No. 1359

Telecon 12/22

To: TVA
From: C DaMassa
Re: Availability of quad sheets for study area
615-751-6277

TVA has aerial photography for quads "in the Valley." "Out of the Valley" not so good

Will send catalog of maps available thru TVA

Telecon 12/22/92

USGS Reston

703-648-6045

507 National Center

Reston VA 22092

Send ck for $12.00 w/ description of area in Tennessee. They will research & call w/ available maps. (Include ph #)

Probably not quad sheets all the way back.

Takes ~6 wks to obtain out-of-print maps.

Also inquire re: existence of aerial photos

Ref: Library of Congress 202-707-6277

~~Tennessee State Data~~

~~Nashville 615-741-1676~~

Telecon 12/30/92
From: Trevor Plan
Nat'l Archives Cartography
Washington DC
703-756-6700
To: C DeMasse
Re: Tennessee 7.5 minute quads

Lovell	1953, 68, 80, 90	
Windrock	~~1953, 68, 80, 90~~	1946, 52, 68
Lenton	1952, 68, 75, 90	
Bethel	1953, 88, 89	
Elverton	1953, 68, 90	

These are the quads available thru Nat'l Archives, but not all quads that exist. USGS probably has more.

They will send order form for B&W copies @ $5.40 each. Delivery time = 2-3 wks.

TELEPHONE NOTES

551-1801

Date: 1/6/93

To: Suzanne
State Ag Stabilization Conservation Svc
Compliance & Aerial Photography
615-736-5826
Nashville

From: C DaMassa

Subject: Aerial Photos

They have aerial photos of farms, ~~not con~~ 24x24 B&W or infrared "1000 scale" ~~Obt~~ Can be obtained from Salt Lake City for $14 ea (takes ~30 days) Photos are on file in county offices, not state office.

Most current photos are 1985 to 87. Some go back to 1949.

Called Natl Archives in Washington DC for info on what is available for what year. She will send index of whats available and phone #'s for county offices to me at Comfort Inn in Knoxville.

never rec'd

TELEPHONE NOTES

Date: 1/6/93

To: Reference Librarian
UT Knoxville Library
615-974-4171

From: C DeMarco

Subject: Census Rpts & 1940 to present

They have all rpts 1940 to present on microfilm (some hard copy) on 4th floor. Call # is

HA 201.

Questions: Go down to documents / microforms desk

Dat 9-6
Dur 12-12 minute

TELEPHONE NOTES

Date: 1/6/92

To: Jim Heep
Nat'l Ag Statistics Service
Ellington Ag Center Nashville

From: 615-781-5300

CDa Massa

Subject: Ag statistics

According to this fellow, no statistics exist that are more detailed than county level. They do random statewide sample of crop production then aggregate by county.

He recommended Census of Agriculture
US Dept of Commerce
Census Bureau
Tennessee State & County Data
1987, 82, 79, 74, 69 (probably back to 1940)

US Census is supposed to be a complete count
# of farms in County
acres in production

He recommended good library or Washington Census Bureau 301-763-8567

Telecon

1/6/92

To: Donna Dells 8:4:30
State Ag Stabelization & Conservation Service
Anderson Co Office
615-457-9518

From: CDa Mason

Re: County Ag Statistics (State Ag Stab Conserv Svc)

They have no info available to public beyond county level summaries. She referred me to census reports. ~~She~~ They do have reports on ag production for individual farms, that info is not available to public.

When I asked if they had aerial photos of farms in production by county, she conceded, yes. One file and available to look at in their office

Telecon

1/6/92

To: Natl Archives
Washington DC
615-736-5826

From: C DuMassa

Re: Ag Stabilization & Conservation Service
Aerial photog 1940 → present

Send map outlining area of interest - they will research existence of aerial photos for that area

Natl Archives
Cartography & Architectural Branch
(NNSC)

Natl Archives
Washington DC 20408

Take 6-8 wks. One can go to Washington & conduct research themself if they wish faster results.

They have: Morgan County - 1938 total Coverage
Roane " - 1938 partial
Loudon - 1938 partial (on 2 sheets)
Knox 1939 partial (" ")
Anderson 1939 partial &

(2)
(cont'd)

1/6/92

To: Natl Archives

From: Chris Massa

They also have aerial photos taken for
Soil Conservation Service
TVA

and other agencies, he's not sure what other ones.

For further info on Ag Stab & Cons photos,
call USDA
Salt Lake City
801-524-~~5856~~
975-3503

They have copies of all photos ~~to~~ 1950's to present

Telephone Notes

Date: 1/12/93

To: Wayne Hibbitts
DOE - Oak Ridge (Y-12?)
615-576-0891

From: C DaMassa
Subject: Potential data sources for demo/LU study
Mr. Hibbitts has been w/ DOE for 20-30 yrs.
Ref to him by J Buddenbaum of ChemRisk.

~~Subject~~: Energy Div of ORNL has been doing EIS's for years.

- There is a Y-12 History Room at Oak Ridge Public Library specific to the area.

- Call Jim Alexander, Public Information Officer for DOE at 576-0894. There is a photographer contracted thru him to DOE who has been taking aerial photos of Oak Ridge from 40's on.

0985

Cont (2)

Telephone Notes

Date: 1/12/93

To: Wayne Hibbits
DOE
615-576-0891

From: CDa Mason

- ~~FROM~~: A study was done in mid 80's re: commercial fishing at Watts Bar ~~Dam~~ Reservoir. Fish was ground into patties, bones & all, and shipped to Chicago for sale. This is documented in an env. monitoring rept. Concern because strontium goes to bones - eating fish not a risk if bones are not eaten, however fish patties contained bones.
Env. Monitoring Rpt shld turn up in computer search at ~~Y-12~~ K-25 (?)
Tom Oakes did study, then left for SAIC, ~~Also~~ then moved on somewhere else, don't know where
- Also suggested Clinch River Breeder Reactor study

- Hibbits will call back when he identifies suitable contact at DOE. Will meet w/ me but doesn't have much else to offer

Telephone Notes

Date: 1/13/93

To: Earl Lemmons, Director
Tennessee Health Dept DOE Oversight Office
Tenn Dept. Environment & Conservation
761 Emory Rd
Oak Ridge TN 37830-7072
481-0995 Fax 482-1835 (we can use fax)

From:
CDa Massa

I asked about sources of data for population & land use studies. He will think about it & call me back at Club Hse Dsn

Telephone Notes

Date: 1/14/93

To: Jim Alexander
Public Information Officer
DOE - ORNL
615-576-0885

From: C DaMassa

DOE maintains an extensive collection of photos dating back to ~~[illegible]~~ early 40's. There have been 3 photographers contracted from 1942 — present. Present is Len Freeny. He is with Analysas, Company hired to take photos now & maintain photo collection. They are both aerial & ground, B&W & color
They have not been taken at regular intervals, except of particular facilities during period of construction to document progress. Most, show aerials specific facilities, although there are some of community. Also many of specific projects, i.e. now they are photoing env. safety health operations.
There are many interior shots, shots of people working
There have also been photos taken by ORNL mgrs - Union Carbide & M. Marietta. DOE

(2)

Telephone Notes

Date: 8/14/93

To: J Alexander
From: C DeMarco

has some of these, but many more exist

~~FROM:~~

"DOE file photos are maintained under contract by ~~[redacted]~~ Analysas."
Contact: Jim Alexander, DOE for further info & access

Analysas also mngs museum.

Telephone Notes

Date: 1/14/91

To: C Da Massa

From: Beau Salsbury
ORNL - DOE
615-574-4694

~~From~~: Patty Phillips asked him to call to see what demographic & land use data I need. He will call around & let me know of potential sources.

(Ref by Earl Lemming ?)

Telephone Notes

Date: 1/14/93

To: Sharon King
Central Lands Resources Dist Office - TVA
PO Box 606
Athens TN 37303
615-745-1783

From: CDeMassa

Asked for referrals on data for
Clinch, Tennessee & Emory Rivers
Recreation
Commercial fishing
drinking

Use #'s

& any land use mapping aerial photos for area

She will call back

She Called back: TVA Aerial Photos = 751-6277

Recreation Planner = Robt Farrell
632-1571
in Norris TN

Telephone Notes

Date: 1/14/93

To: UT Ag Dept

Re: Ag statistics

From: CDaMassa

Director Public Relations 974-1928
Ag Econ & Rural Sociology 2231
Ag Ext Service

→ Dr. Farmer referred me to Jim Heap of Tennessee Ag Stat Service with whom I have already spoken

Telephone Notes

Date: 1/14/93

To: Robt Farrell
Recreation Planner
TVA
Norris TN
615-632-1571

From: CDa Mason

TVA fisheries dept ~~has~~ has state on creel data & commercial fishing
✓ Dr. Bill Wren 205-386-3656
Donnie Lowry 386-2729
(works w/ Wren, is involved in creel data)
in Muscle Shoals Office

Annual visitation data for TVA areas was collected from 1940's to 1978 (stopped then)
It is by reservoir, by County.
No estimates by river. No breakdown by type of activity (fishing, boating, etc.)
visitation stats
He will send for Tennessee River incl Tellico Lake, Clinch River to Watts Bar Dam, Emory River.
He will also send maps showing public and commercial areas on TVA water at present
(rec'd for Melton Hill Lake, Norris Lake, Ft Loudon Lake & Watts Bar Lake)

(2) ✓

Telephone Notes

Date: 1/14/93

To: R. Farrell
TVA

From: C DeMarco

For history of activities along waterways
~~From~~: call TVA Property admin Group
they have permits, records of sale,
leases, etc. for TVA land

Russell Harris, Mgr 632-1543
Terry Mc Donnough 632-1542

He will send his info to Larkspur. Will take
~ 1 week

Telephone Notes

Date: 1/14/93

To: Dr. Bill Wren
TVA Fisheries Dept
205-386-3656
Muscle Shoals, Alabama

From: CDa Massa

Inquired as to statistics on fisheries (commercial & recreational) for Clinch, Tennessee, Emory Rivers

He said

- No data has been continuously collected for last 50 years. Creel data is typically collected for certain portions of rivers for certain projects (like nuclear plants)
  He will have someone research for me & send info to Larkspur.

(He mentioned Melton Hill as a new dam, Tellico dam built in early 60's) May be river data collected before dam construction

- He also suggested going to TVA Chatanooga and searching database.

Telephone Notes

Date: 1/14/93

To: Greg Wathen
Wildlife Mgmt
State Wildlife Resources Agency
Nashville
615-781-6610

From: C Da Massa

Asked for hunting stats.

He will send all he has on Big game, small game, fur bearing & waterfowl for as far back as records were kept.

He will send game harvested, licenses sold, Best records are for 1970's on.

License sells may be available only statewide, or by region.

Historic information on areas open for hunting is not readily available, but might be obtained thru research.

He will send today or tomorrow to Clubhouse Inn.

Telephone Notes

Date: 1/14/93

To: Robert Todd
State Wildlife Resources Agency
Fisheries Mgmt
(Biologist, in charge of commercial fisheries)
Nashville
615-781-6575

From: C Da Massa

Out of office till Tue. He will call me then

Called back 1/19/93

He will send Draft Commercial Fisheries Report for 1991; includes creel data for last year, species harvested, amount, where disposed of. Has reports go back to 1929.
→ He will send historic data. Old data was done by TVA & NOA, consisting of estimates. All current #'s are estimates, too resulting from a voluntary survey of commercial fishermen.

He wanted to point out that health standards are based on fish that is exported out of area to consumers who eat fish from many sources. However, about 10% of harvest goes to local consumers who eat nothing but local fish. Standards are not correct for them.
He said most fish exported out of area goes to

Telephone Notes

(2)

Date: 1/12/93

To: R Todd
State Wildlife Resources

From: Chris Massa

large markets in Chicago or New York. They don't keep statistics on where fish exported out of area go -

He volunteered to research it. He said it will take some time - he will have to survey fishermen. They're reluctant to give info due to competition.

I said probably not now for feasibility study - but maybe at next phase of study

He referred me to John Riddle, same phone # for data on recreational fishing.

Telephone Notes

Date: 1/15/93

To: Don Mason

From: Carol Davis
TVA
Chatanooga
~~From:~~ 615-751-7338

She is conducting search for info on recreational & commercial fishing at Bill Wren's request. She's not sure how much she'll find

She will have everything ready if I can come there. Call one day ahead so they know what day.

She's in the Haney Bldg. I 40 to I ~~24~~ 27 ~~4th~~ 4th St Exit to 2nd lite - Broadway Bldg is corner 4th & Broadway

Call 7338 or 7452 from lobby. She will come get me

Telephone Notes

Date: 1/15/93

To: Ruth Hawk, Planner
Oak Ridge City Planning Office
615-482-8320

From: Chris Mason

I asked re: sources of demographic & land use data. She referred me to Lucien Faust, her boss, at 482-8331

Counties in the area of Oak Ridge have planners under contract thru local planning assistance office. Many of the planners under contract handle 4-6 communities.

(all reached at same office in Knoxville 594-6666)

- Jay Vincent is ~~staff~~ contract planner for (?) Roane County
- Midge Jessiman is " for Anderson Co.
- Dan Hawk " " City of Clinton
- Bart Hose " " City of Lake City
- Pat Phillips " " City of Norris and all of Loudin County

-Knox County has a different arrangement. Their own planning dept.

→ Dan Kelly 521-2500 no.

ask for Gretchen [redacted] - librarian
she knows where data is

Telephone Notes

(2)

Date: 1/15/93

To: R Hawk

From: C DeMassa

Jim Wagner - (?) Morgan County Planner ≠ (wrong 1/20/93)

and

(?) Director of Local East Tennesse Development Dist Office (?)

Telephone Notes

Date: 1/15/93

To: Lucien Faust
Oak Ridge City Planning
482-8331

From: Cha Mussa

Inquired re: data sources for LU & demographics

- Oak Ridge schools keeps track of children by age
  Call school board
- Oak Ridge does not make official annual population estimates. They do try to keep track of migration by following utility hookups, disconnects not an accurate source of data through
- 1948 Master Plan of Oak Ridge done by Skidmore, Owens, Merrill for AEC (at OR Public Library) done at end of population boom.
- Pop of OR has stayed fairly steady for last 40 yrs ~28 – 35K.
- 1990 census info is now available on CD ROM. Better
  → Betty Vickers 974-5441 at UT Center for Econ Business Research has a CD Rom reader
- OR Public Libr is an official census repository

Telephone Notes

Date: 1/15/93

To: L. Faust

From: C DaMassa

- East Tennessee Development District keeps track of economic data for 16-county area including Oak Ridge
  → 584-8553 Trudy Garrett. (statistics)

  → Municipal Technical Advisory Committee (MTAC) also tracks economic trends
  974-0411

- There are commercial sources of census/econ data that can give you detailed info on families just by phone # / or zip code.
  NPDC Compass (?)
  PRIZM Profiles - lifestyle segmentation system
  → Linda Webb

- Land Use map of OR (not titled as such)
  1968. 7½ feet × 2½ feet
  OR Room of OR Pub Library has one

- LU maps of reservation available from DOE. He has 1988 LU map with ~15-20 classifications for zoning purposes

Telephone Notes

(3)

Date: 1/15/93

To: L. Faust

From: C. DeMassa

- Oak Ridger Newspaper ~~has~~ has listed #'s of commuters into OR for many yrs. (commuter info also on census)
  There are many commuters and always have been.
- ~~If~~ There are no local "Councils of govt's)

- Clinton is Co seat of Anderson Co
- Kingston " of Roane Co.

County tax data = land ownership for rural areas

- ORNL has had GIS database for many yrs. have used it to generate hpts for many projects
- Complex 21 is current proposal to move all govt nuclear activities to 1 geographic area — reports are ongoing now. He doesn't know who is working on it — under contract to DOE. OR Chamber of Commerce may know.

Telephone Notes

Date: 1/15/93

To: L. Faust

From: C Dauffenbach

- Drinking H_2O only 6 houses in OR have wells. OR H_2O all out of Clinch River. Treatment plant on Pine Ridge
  also Anderson Co. H_2O Dist pulls H_2O out of Clinch River & sells to smaller utility districts
  People in county do have wells. Perhaps
  → County health depts have info on
- No City health dept. in OR

Telephone Notes

Date: 1/20/93

To: Midge Jessman
Anderson County Planner
594-6660

From: CDaMassa

She will send a land use map for Anderson County - it is ~7 yrs old. It is the only one thats ever been done. They are working on an updated map now that should be available later this summer. ~~There~~ map is on "a basemap" other county LU maps may be tax maps.

✓ She recommended Trudy Garnett at East Tennessee Development District for annual estimates of population 584-8553.

And Tax Assessors Office for old tax maps for Anderson Co for land use back to 1940. They are fairly accurate - very accurate for last 20 yrs.

Telephone Notes

Date: 1/20/93

To: Jay Vincent
Roane County Planner
594-6666

From Chad Mason

Map from 1960's is earliest LL map for Roane County. He will send that & current LL map.

He recommended State Property Assessor in ~~State~~ Treasury Dept
Director - Wm. Carman
615-741-2501
for tax assessor archives. Some counties keep there own assessor records, others are kept by state.

(Not received 3/1/93)

Telephone Notes

Date: 1/20/93

To: Trudy Garnett, Statistics (?)
East Tennessee Development Dist
584-8553

From Chad Russa

No annual population statistics exist for county & communities. Estimates are projected, but when the census comes out, they're always way off. She wld divide growth evenly year by year (same growth rate each year) if she was going to do it.

You can look at block data from census & estimate pop of small communities, but its difficult to do because communities have no official boundaries & people argue whether they're in or out. Nobody at county/state level does it for that reason.

Telephone Notes

Date: 1/20/93

To: Pat Phillips
Loudoun County Planner
~~[illegible]~~ 594-6666

From: Cha Dawson

He will send land use plan for 1975, and more recent plans for ~~[illegible]~~ Leesburg City and Loudoun City. That's all that exists.

He thinks review of old tax records will take to long — he recommends USGS Quad sheets

(Received)

Telephone Notes

Date: 1/20/93

To:

Anderson Co Tax Assessor's Office

457-5400

From: Chris Musser

Re: Tax ~~area~~ maps 1940 to present

Call tomorrow

Register of Deeds X235 - ask for

Lady in Vault with old records (?!)

(I did not follow up)

Telephone Notes

Date: 1/19/93

To: Knox Co Library
McClung Historical Collection
Knoxville
544-5744

They have Knox County phone books from 1930 on. Collection is fairly complete w/ 2 or 3 issues missing

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Knox Co Archives at 544-5739 has birth & ~~death~~ death records, marriage certs, all records of court proceedings.

Telephone Notes

Date: 1/19/93

To: ~~Roa~~ Harriman City Library
(Roane Co)
882-3195

They have a few old phone books on CD for 1952, some from 70's & 80's. The Librarian did not know of a complete collection in county.

Library at Rockwood is closed for inventory

Telephone Notes

Date: 1/19/93

To: Kingston Public Library
(Roane County)

376-9905

~~Old phone books~~

No phone books - try phone company or courthouse (!?)

Telephone Notes

Date: 1/20/93

To: Buzz Johnson
MPC
(Metropolitan Planning Commission)
Knox County

From Chris Massa

He will investigate the existence of land use maps for western Knox County.
He will call me in Lakespur on Thursday.

(Responding to call for Dan Kelly – Knox Co. Planner, who was to return my call)
521-~~8820~~ 2500

Called back – see 1/26 Telecon Note

Telephone Notes

Date: 1/20/93

To: UT Library
Nancy Laemlein
Research Librarian
974-4936

From: C Da Massa

Database suggested by D. Cole at ORNL file 109 of NSIS(?) is technical reports only

Doesn't seem like it wld have demo & LU info but may have EIS's.

Customer must be present to conduct search

She suggested Janette Prescod for assistance

in census data search (Documents & microform librarian) 974-0011 or 974-0009

UC Berkeley library can request inner library loan to get Tennessee data on microfiche.

Telephone Notes

Date: 1/20/93

To: Ed Best
TVA Technology Library
400 W Summit Hill
Knoxville
2nd floor
632-7859

From: Chris Massa

He suggested coming there to research what he has. Many of documents there are not cataloged. He would have info related to specific TVA projects, but not filed under LLL or demography.

Within TVA Resources - Navigation Dept may have info on river dredging

Jack L. Davis Mgr. Navigation & Systems Modification

615-632-7183 re: river dredging

Telephone Notes

Date: 1/26/93

To: CDMassa

From: Lynn Bjorkland (?)
USGS
Reston VA
703-648-5927

Re: my letter of 1/3/93 for maps & aerial photos

- She is unable to thoroughly research such a large area. She can send 2 indices on microfiche @ $2.00 each, one of all aerial photos of state(?) by quad sheets, and one of all maps for 1962 → present. Includes photos/maps for sale by private sources as well as govt agencies.
- She says TVA should have good coverage, also County ag extension and SCS. Aerial photos may be on file somewhere in state for public use to avoid having to purchase. In looking thru records, TVA ~~staff~~ photos appear to be low altitude
- Copies of old maps can be made from microfilm for $1.20 each. Class

Telephone Notes

(2)

Date: 1/26/93

To: C Da Massa

From L Bjorklund

- She will Xerox Tennessee portion of "Guide to US map resources" & send ✓ (Rec 2/93)

- Also suggested calling state & county historical societies and town clerks

- Call Menlo Park to see if microfiche available for use there - to save time

415-329-4309

Menlo Park USGS
101 to Willow Rd West
~1 mi to ~ 4th light
Rite on Middlefield Rd (Sunset Magazine)
to 345 Middlefield Rd
left into Driveway
Bldg 3 on right
8-4 MTWF
8-7 Th

Telephone Notes

Date: 1/26/93

To: Bjorklund

From DeMasso

- Can buy microfilm copies of maps
- Maps older than 1960 - can get 8x enlargement

2/4/93

Called Bjorklund back - asked for listing of most recent publication of 17 maps* - she will research & send to Larkspur (Rec'd 2/93)

* Not available on database researched at USGS Menlo Park

Telephone Notes

Date: 1/26/93

To: C DeMasse

From: Buzzy Johnson
MPC
Knoxville
615-521-2500

- The earliest land use map for Knox County is 1965. There are no copies available - only 1 in library

- The only other LU map is 1978 - he will send a copy to Larkspur

- A GIS system is being developed for Knox Co. ~~Green~~ including current LU using tax assessor files. Database now has big gaps due to bugs in program. He will let me know estimated date for completion of GIS.

(Never received 3.1.93)

Telephone Notes

Date: 1/26/93

To: Jack (L) Davis, Mgr
TVA Navigation & Systems Modification
615-632-7183

From: C DeMarco

Referred me to Don Spann at COE Nashville Dist Office for info on ~~sediment~~ river dredging & sediment spreading

615-736-5607

Telephone Notes

Date: 1/26/93

To: Don Spann
Army COE
Nashville Dist Office
615-736-5607

From CDuMason

Re: Dredging of 3 rivers in study area

No maintenance dredging has ever been done on Clinch, Emory & Tennessee with the exception of the Tennessee at Mile 632 (Looney Island) and Mile 643 (Post Oak Island?) both are above Ft Loudon area and above Oak Ridge area.

Only dredging done is related to dam construction - Call George Connor of TVA (Water Resources) for info.

615-632-7157

Telephone Notes

Date: 1/27/93

To: Susan Hutson
USGS
Memphis
Office of H_2O Resources
901-766-2977

From: Chris Massa

Re: Water withdrawal for drinking & irrigation, location of wells River

- No site specific data on H_2O withdrawal until 1980, before that ~~it~~ records kept by basins only. Info will require much research.
- She will send data on current locations of H_2O withdrawal to Larkspur (1980 & 1988) reports, including lists of utilities buying H_2O
- She suggested ORNL library - well data easier to get there?
- Research will be using a current list public H_2O suppliers for area, contacting each one individually - they may not have complete records over →

2/18/93

Data not rec'd - Called Hutson -

She will send again.

(Sent by UPS on 1/27)

Reshipped on 2/25 - still not rec'd 3/4/93

Telephone Notes

Date: 1/20/93

To: Hutson

Don Massa

- Research state records for industrial H_2O use (paper files) - many industries withdrew H_2O for their own use - not thru public H_2O supply

Charles Nelson
Librarian State Planning Office
615-741-1676

for info on industries.
historic

Then go to H_2O suppliers & ask if they have ever supplied H_2O to industries.

- Few people on relatively public supply before 1975, many wells (her guess for areas) rural

- Call Don Rima Tennessee Dept Env. Cons. Division H_2O supply & GH_2O protection. He maintains GH_2O & well files (use Hutson's name) He will have list of wells - his file doesn't indicate if they're active or not.

Telephone Notes

Date: 1/27/93

To: Hutson
Da Massa

- OK to call her back w/ further questions on how to research all this, re for write-up in report

- Anderson Co will be most difficult to research (most activity) Knox Co too.

- Statewide trend has been for use of public H_2O supply going up, wells, industrial withdrawal going down

Telephone Notes

Date: 1/28/93

To: John Riddle
State Wildlife Resources Agency
(Recreation Fishing?)
Nashville
615-781-6575

From CDaMassa

' Creel data is by reservoirs only - none for rivers. It is available in many forms, is in Annual Reports that are in-house. Public can see them but they're not prepared for public distribution

' There is also summary creel data for 1977 to 1991. He will send that to me for Melton Hill Res. & Watts Bar Res. ~~It~~ Data is not complete for every site (ie ~3-4 yrs for Melton Hill) (will send to Larkspur) ✓ (Rec'd 2/93)

~~Any others~~ No creel data for anyplace prior to 1973. Data is sketchy to 1977. It is in individual reports. One wld need to go to his office to conduct research,

Telephone Notes

Date: 1/28/93

To: J Reddle

From: C DeMasse

~~It~~ It wouldn't be creel data, but "precursors" to creel data.

- One might be able to establish what species were present in certain areas by looking at old TVA rotenone studies.
- Numbers are no good due to collection methods but some general info on fish communities.

for 40's, 50's, 60's

- I asked about obtaining info through personal interviews. He said not a good method due to "fish stories". Data from old timers tends to not be reliable.

- Get info on #'s of fishing licenses from Helen Chesser - Licensing 781-6590

Telephone Notes

Date: 1/28/93

To: ~~Don R~~
George Connor
TVA Water Resources
615-632-7157

From C DeMasse

Re: Data on river dredging & sediment spreading

Dredging related to Melton Hill/Dam construction Locks
in early 60's at Clinch River mile 23.1 ~~on~~

Most dredge was rock, spoil spread along shoreline

Watts Bar Dam & Ft Loudon built in early 40's

Project reports were done for each of these - he will copy pertinent sections & send to me in Larkspur, next week. ✓ (Rec'd 2/93)

Tellico Dam was completed in 1980 (~~a~~ part of Ft Loudon). He doesn't know if he has a report for it.

He says there has been some maintenance dredging at Ft. Loudon, and there was a commercial sand & gravel operation in Ft Loudon pool at one time

Telephone Notes

Date: 1/29/93

To: Helen Chessen
State Dept Cons & Environment
Licensing (fish)
615-781-6590

From Cha Massa

- Fishing license record keeping is very poor. Computer is 35 yrs old. She has statewide data (no county breakdown) back to 1980-81. She has county data only for last year. There are no records that she knows of before 1980, thats when she took over and person before her kept no records. Hld have been reports kept by hand. ~~Rosen~~ Mostly revenue reports, not #'s licenses

- Agency established in 1949

- Now everyone including children over 13 and elderly must buy a license ($3.00). Previously no license needed for under 16 yrs, or for people fishing in their own county. Seniors were given a free license.

- She will send what she has (1980 - last yr) to Larkspur ✓ rec'd 2/1/93

Telephone Notes

Date: 2/2/93

To: Don Rima
Tennessee Dept Consv & Env
Water Supply
6th Floor
L & C Tower
Nashville TN 37243-1549
615-532-0174

401 Church st (?)

From: Cha Massa

Re: location of water wells

- Information on water wells can be provided out by quadrangle (~$185.00 for 17 quads) May be free to subcontractors of state agency. Records include: Name of owner, date of drilling, date reported, location (may be with 2½ minute quad or 1/9th quad sheet w/ name of access road, or may be specific lat/long of Division H_2O supply that visited it). Data goes back to 1963. ~~Also Sources other than~~ is drillers reports. Accuracy not 100% due to source of info., coding errors, etc. Sources other than drillers rpts include USGS, ground survey (digit at 4th place of 8 columns = 9, or 9000 #'s)
- For data back to 40's, see USGS, Tennessee Div. of Geology Bulletin #58, Part 1, Ground H_2O.

Call Knoxville USGS office 532-1516
Map Sales →

Telephone Notes

Date: 2/2/93

To: Rima
From DaMassa

ask for Carolyn McCurty.

- His records (quad sheet printout) don't indicate active/inactive. Must look at date/use. If it was residential & house is gone, then inactive.

They do get notification of well closings, it's voluntary though

- Also see Geologic Map of ORR by Wm. McMaster

- Well reports also available by county but contain less info than quad reports @ $100 each

- I asked about Figure 3.10 of Env. Analysis Operation of ORNL (X-10 site) 1982 showing locations of wells in 5 County area — He said send him the map & he'll try to figure out source.

- Generally wells drilled before 1952 are no longer active — have switched to public H_2O supply

Telephone Notes

Date: 2/4/93

To: Teresa Helder
Roane Co. Tax Assessor's Office
Kingston
615-376-4362

- Current tax maps are available thru Division of Property Assessment in Nashville
- They are updated every other year
- She didn't know when they began, how far back they go
- May also be purchased from private companies who publish them.

- They contain no land use info - no indication of zoning. Only property lines, roads, etc.
She knows of no maps showing land use

- One can go through tax assessor's records to determine use of each piece of property - ~~Each~~ Records are kept ~~for each~~ ~~by~~ individually

- Try County Heritage Commission for old tax assessor's records, or registrar of deeds (4677) or Zoning Office (376-5553) (I did not call there)

Telephone Notes

Date: 2/4/93

To: Andrew Smith
State Property Assessments
617 Cumberland
Knoxville TN
594-6131

From C Da Massa

Re: tax maps for counties

25-30 yrs ago basemaps were developed for all Tennessee counties. Scale is 1" = 400" ~~as~~ (ie agricultural) or 1" = 100' residential

He will send manual which he wrote and uses to teach tax assessors, that explains their maps

(Rec'd 2/10/93)

Telephone Notes

Date: 2/8/93

To: Martie Schweitzer
ORNL
615-576-272

From C DaMassa

- Source for data in AULIS pkg is US Census ag for # acres land use.

- He know of no data source giving geographically specific info on dairy cattle, crop production, etc.

- 1990 Census data can be mapped. he doesnt know about ag data

- Emergency plans for labs say where nearest dairy cow is, he doesnt know where they get their info

- ORNL-GIS sells its service in Labs & outside. It's expensive, its population oriented, probably not land use
  Call Dick Durfee 615-574-7449.
- Try SHPO in Nashville to see if anyone has mapped historic ag patterns ~~615-532-1550~~

Telephone Notes

Date: 2/8/93

To: USDA - Aerial Photos
Salt Lake City
801-975-3503
From C Damassa

- They have photo indexes by county which list the aerial photos available.
  She will send a printout of the indexes available for the 5 counties. (rec'd)
- Indices are $5.00 each to order & List all photos they have for county. (i.e, there are 4 indices for Roane Co). She will also send price list for ordering photos, ordering takes 6-8 wks.

- They have photos 1950 up to present. Before 1950 is in National Archives.

- If photos are "rectified" means 100% accurate. Others are very good but not checked yet (?)

Telephone Notes

Date: 2/8/93

To: ~~P Hart~~

Harry Bryan
Extension Leader
Knox Co Ag Extension Office
500 City/County Bldg - Knoxville
615-521-2340

From DeMasa

- They get all their statistics from Tennessee Crop Reporting service (annual statistics by County)
- Very hard to get ~~site~~/specific location data except by personal interview
- There is one dairy farm in western Knox County presently - near Karns (within study area) it is going to be sold soon. It's been there ~40 yrs. In 40's & 50's, there were lots of dairy farms in Knox County ~130 in County compared to one to now. Many were in western Knox County - esp in Hardin Valley area just south of Melton Hill Lake, also in Karns area and in area of Oak Ridge Hwy.

(2)

Telephone Notes

Date: 2/8/93

To: Bryan
From DeMassa

West Knox Co was best farming land of County

- Milk was consumed locally since shelf life was only 3-4 days due to no cooled storage, transportation. There were lots of local bottling plants in Knoxville, then home delivery or delivery to store.

- Beef cattle have been and are still raised in western Knox County. All are exported out to feed lots in midwest, then slaughtered. No feedlots in state of Tennessee.

Telephone Notes

Date: 2/8/93

To: Paul McCallie
376-5558
Ag Extension Agent
Roane Co Ag Ex Office
615-376-5558

Fr: DeMasse

Most dairy farms in Roane Co are in Southern Co. There is only one now in north. It is east of Kingston near Buttermilk road between Hwy 70 & I 40. ~30 head cattle - old family operation.

Talk to retired Ag Agent

Kenneth Sutton
376-9932 (home)

for info ~~on~~ historic. McCallie has been there since 1979.

There are and have been beef cattle all over county - lots near Oliver Springs

15,000 head in county.

Telephone Notes

Date: 2/8/93

To: Kenneth D Sutton
Retired Extension Agent
Roane County
376-9932 (home)

Fr: DaThomas

Was w/ Ext Office ~35 yrs.

- Dairy farm ~ 1 1/2 to 2 mi south of Kingston owned by Rufus Smith (he & brother both dead) ~35 head. They were in business in 1956, closed early 70's

- ~~Beef cattle all over County~~ stet

- There were also dairy farms near Kingston Steam Plant, One each owned by brothers, Frank & Ernest Jones ~35 head each. ~3/4 mile NW of Kingston Plant. They were in business at least back to 40's, Ernest used to sell raw milk, Both brothers dead. Went out of business 15-20 yrs ago

- Also in same area near Kingston, Noma Fritzsche had 70-80 ~~cows~~ head from early 1950's until 5-6 yrs. ago.

(2)

Telephone Notes

Date: 2/8/93

To: Sutton
DeRussa

- AB Foster also had 50-60 head near Kingston Plant. He was in business in 1956 when Sutton started job, went out of business 10-12 yrs ago.
  (address, Rt 3 or 4, Harriman?)

- Also another, but probably out of study area, at Paint Rock - there's a church, cemetary, school (closed) there
  ~50 head - out of business ~20 yrs
  off I-70 (Note - beyond study area south of Tennessee River)

- Roane Co not big on crops, tobacco, hay, corn

Telephone Notes

Date: 2/9/93

To: C DeMasse

F: Michael Miller
ORNL - GIS
615-576-1788

Have population data for all of East Tennessee
Custodians of all current flyover (?) data
They are collecting some historic now

Their source is mainly census data
They produce population density maps
based on census info, generally
in concentric circles, ~~bounded~~ or
in grid format

$80.00/hr plus plots @ ~ $15 each

He will fax background info to Alameda

He boss will call Thursday w/ more
info (did not call 2/19)

Don't have land use info

Telephone Notes

Date: 2/1/93

To: P. Kelly Amonatt
Ag Extension Agent
Morgan County
615-346-3000

~~F~~

E: Dr Thomas

- He has been extension agent for 17 yrs. Retired agent is in Florida until March 1

- There is a dairy farm 4-5 miles north of Coalfield close to Stephens on (Cassell Rd ?) It is owned by Ray Melhorn, ~~milks~~ ~ 65 cows, probably there since early 50's. Ray inherited it from his father.

- Another closeby owned by Phil Melhorn ~ 60 cows, started ~ 1956-58. Changed to beef during buyout program in ~ 1985-86.

- Another owned by Billie Marlowe on Union, across from Union Church (Union is just outside study area) and 3 others beyond, towards Wartburg on Hwy 62 (Did not get details of size etc)

Telephone Notes

Date: 2/9/93

To: Amonatt
F DeShazo

- One on Fairview Rd just (west of?) Coalfield (now owned/farmed? by Amonatt), it was a dairy farm in 1958, changed to beef cattle in 1974-75, now is beef cattle and sheep. It was ~35 cows milked. Owner was William Ranken, Amonatt sees him every day or so & will ask when dairy was established

1. There are 2 others 4-5 miles west of Coalfield on road to Harriman, Amonatt did not know how big or type of operation (Called back 2/23 - farm near Coalfield owned by Cecil Kite - it's been there since 50's, 30-35 cows milked)
- and one between Ranken farm and Coalfield, again, doesn't know particulars

*1. (showing location) Amonatt said he developed a county map of all orchards, crops, livestock, etc. and sent it to someone at DOE about 1 year ago

Telephone Notes

Date: 2/9/93

To: Amanatt
F: Dr Masson

- Beef cattle are raised throughout county, including within study area, and have been for many yrs "Have always been slaughtered in midwest."

- Milk from dairies was probably bottled at a dairy below Hartburg, or at the Norris Creamery (in ~~Hartburg~~ Storrs ?)

- Some corn is grown in study area - mostly grown closer to Hartburg, Western Co. is where most corn and tobacco is grown

---

* I called Amanatt back on 2/23 to see if he knew who in DOE was given the map showing ag production for County. He will see if he can find name & call back
(did not call back 3/1)

Telephone Notes

Date: 2/9/93

To: Joe Hall
Anderson Co Ag Extension Agent
457-5400 x246

F Dr Maeser

- No dairy farms in study area - none for 19 yrs when he came to work. All are in Andersonville/Norris area (outside study area)
- One dairy near Clinton ~ 1 mi NNE of fish hatchery on river ~ 20 cows, & has been there for 5 yrs (outside study area)
- None historically in study area that he or other agent knows about
- Norris Creamery located in Norris from early 40's until 1970's
- Beef cattle are scattered throughout County, including in the study area. He mentioned one herd by Bull Run ~ 40 head
- Not much crops to speak of - mainly hay

Telephone Notes

Date: 2/9/93

To: Jim Hupp
Natl Ag Stat Service
Ellington Ag Ctr
Nashville
615-781-5300

He'll send what he has on beef cattle, cows milked, tobacco and corn - (doesn't have stats on hay) for 5 counties for 1942 - present

They have annual bulletins, ~~last~~ current one goes back to 1986, but they don't keep old ones
He'll run data

Tobacco goes back to 40's, that's about all
Report may not be complete for early years

Telephone Notes

Date: 2/10/93

To: John Goddard
Ag Extension Agent
Loudoun Co
615-458-5612
F: Dr Massa

- He has been there only 4 yrs. other agent has been there much longer - Gene Moles, will be in office on Monday

- He's not aware of any dairy farms north of Tennessee River at present. ~~He~~ All he knows of are to the south

- The federal govt had a "dairy buyout program in 1985 or 86. Too much milk was being produced, price was going down, so they offered to buy milk cows from anyone wanting to get out of business. Several people struggling at it sold, got a good price, kept land, switched to beef or eventually sold farm. It was nationwide.

Telephone Notes

(2)

Date: 2/10/93

To: Goddard
F DeMasa

- Crops in study area would be corn, strawberries (one fellow), some sorghum, used to be soybeans but no more, some tobacco

Telephone Notes

Date: 2/15/93

To: Ben Layton
(Greg Mathews)
TWRA
Nashville
781-6610

F: Chris Mason

Referred me to Clarence Coffey in Crossville Office (Regional Office) (Info & Educ Specialist) for questions on game killed at OR

Also Dock Heard Big Game Biologist

615-484-9571

(see attached note re: deer harvest rpt

Telephone Notes

Date: 2/18/93

To: Clarence Coffey
Crossville TWRA
Educ Info Spec
484-9571

F: Da Massa

- There is a big deer ~~herd~~ herd at Oak Ridge The area is open to hunting. There ~~has~~ is a check station on Bethel Valley Rd where tissue, blood, livers are sampled — occasionally contaminated deer is confiscated — ongoing for last 5 or 6 yrs

- Venison from Oak Ridge has been eaten over the years

- Also people bring in antlers which are checked

- Small game, waterfowl also hunted & eaten in area ~~th~~ over the years

- UT did project tracking movements of Canada Geese in area
675-6836(h)

- Refer to Jim Evans TWRA area mgr at Oak Ridge 574-8204(w) ~~765~~-6836(h)

Telephone Notes

Date: 2/18/93

To: Gene Moles
Ag Ext Agent
Loudon Co
615-458-5612

F: DaMassa

- He has been there 14 yrs - no dairies he remembers - Retired ag agent is dead. He doesnt think there have ever been dairies north of Tennessee River in ~~Rohne~~ Loudon Co

- There are and have been beef cattle in area of Eaton Crossroads for a long time (forever) also ~~in~~ (on south side of Melton Hill Lake?)

- No major crops - there are and have been home gardens, but not retail, pastures, and peach and apple orchards

- He also sent map of ag activities in county to a lady at DOE - did not keep a record of the map, or of the lady's name

Telephone Notes

Date: 2/17/93

To: Cora Massa

F: David King
ChemRisk
Alameda

Re: Comments on 2/9/93 Report Outline

In general - he does not need detailed info, but only yes or no - was an activity in a certain place at a particular time -

Did it exist, re
- wheat
- Corn
- dairy
- beef

If so, when where?

Was it 1940 to 1970, or only for a few yrs

- Location of population centers, not individual residences, and timeframe, has it been there since 1940's, or is it relatively new?

- Is not familiar enough w/pop centers to define area of concern. Meeting with him on 2/22 in Alameda to clarify.

Telephone Notes

Date: 2/17/93

To: DaMassa

F: Finney

- Not interested in 20 houses and a church/gas station. More interested in larger pop centers, but how large - can't say

- Would like land use down to 2 mi^2. I said not possible in study area of ~ 400-500 mi^2. Agencies cannot provide info at that level of detail

- Location of H_2O withdrawal not necessary, but only questions such as: was river/ground H_2O used for drinking, irrigation. If so, where, when.

- Same w/hunting - an unusual exposure pathway where/when was game killed/consumed

- Also extent of commercial fishing - he has no idea where/when ~~that was~~

- In "generic" exposure analysis - sediment used in agriculture can be a concern - at OR? He also discussed use of contaminated ~~sewer~~ sediment in beltway sewerage

Telephone Notes

Date: 2/23/93

To: Greg Mathews
TWRA
Wildlife Mgmnt
Nashville
615-781-6610

- Question of closed seasons by county. It is safe to assume that if no statistics exist for a yr/county, then the county was closed to hunting & none or few deer were taken

- Small game. Only way to get small game statistics is to look at yearly reports which he has going back to 1953. Essentially small game have been hunted throughout time period 1942-1992 throughout study area. Some yrs closed for raccoons due to depletion in population

- Oak Ridge is major WMA in 5 County area - Also he will send map of WMA's in 5 County area, along w/ table showing when each established, & report on mgmt policies re: hunting
- Essentially all WMA's are open to hunting when species can sustain it.
Refuges, most are for H_2O fowl mgmt. limited hunting -
~~Closed to~~

Telephone Notes

(2)

Date: 2/23/93

To: Nathen

F Dan Nassar

Closed in winter

. Game are hunted throughout all 5 counties, ~~If County is open to hunting~~ not just on WMA's. Property owners decide if their land is open

For instance, last yrs deer harvest in state of 127K deer killed 110K were not on WMA's

Telephone Notes

Date: 2/23/93

To: Jim Evans
TWRA
Oak Ridge
615-675-6836
(Radio Dispatcher can page him - call 615-587-7037)

- ORR has been open for deer hunting since 1985. TWRA ~~has~~ runs check station on Bethel Valley Rd. They check for biological data for their records (sex, age, weight) and for contamination ~~of~~ Testing takes ~10 minutes/deer. They check for radionuclides - alpha, beta, gamma - also strontium 90. Do for strontium 90 has been the only reason to confiscate deer, they withhold ~10/yr. Norm Teasley at M Marietta would have more info 4-7713

- of the ~35,000 acres at ORR, ~25,000 are open to during deer season. & Most areas open except for plants, plus a safety area.

Y-12	~5 to 6K acres
X-10	~2K acres
K-25	~2K acres

excluded from hunting

Telephone Notes

Date: 2/23/93

To: Evans
F: DaMassa

- Very little or no hunting done on ORR in 50's 60's maybe some small game quail squirrel

- He guesses on ORR Gamble Valley was probably hunted for small game in past (rabbit, squirrel, quail) in area before county club estates was built (West of Illinois Ave, South of OR turnpike) racoon, H_2O fowl

- Best way to get specifics is to ask old-timers
  Some have said that they fished the quarries and streams on ORR by sneaking in

- Deer have never been stocked in Oak Ridge — they have in northern Anderson County & Southern Roane

- People fish now by K-25 on Blair Rd even though area is posted by TWRA - "fishing prohibited" It is an advisory, no law behind it
  ~~Also~~ on

Telephone Notes

Date: 2/23/93

To: Evans

F: Dan Nosse

- Off reservation on Coal Company Road - Dutch Valley
- Also lots of waterfowl hunting in area
  Melton Hill Lake & before that Clinch River
  Ducks, Canada Geese
  There are fewer ducks now nationwide than in past -
  but more Canada Geese (relatively new)
- Bob Nichols TWRA would have info on Canada Geese
- Evans would be interested, & knows others interested in doing field work related to future research

Telephone Notes

Date: 2/25/93

To: Robt Farnell
TVA
Recreation Planner
Norris TN
615-632-1571

F: @ DaMassa

- Re: rec activities on Clinch River before 1963 const of Melton Hill Dam.

  He said probably not much - some boat ramps & some commercial docks use was relatively light - white H_2O canoeing not popular yet

- When did rec development occur at White Bar & Melton Hill -

  Early to mid 70's for both - before that - just some boat ramps, picnic sites

- Also fish attractors went in in late 70's early 80's. Tend to be used more in the spring

Telephone Notes

Date: 3/1/93

To: Robt Todd
TWRA
Fisheries Mgmt
615-781-6575

F: CDa Mussa

- Melton Hill Lake has not been fished commercially since the 60's, according to old report he has (Dam was built in 1963 - so probably [redacted] no commercial fishing has occured

- Watts Bar Lake has always been open to commercial fishing

- Emory River is fished commercially, but extent of fishing is not reported. Fished by no more than 3 Comm. fishermen at present. Has also been fished in past
Now catch is relatively low.

- Some recreational fishing also occurs on Emory River

Telephone Notes

Date: 3/15/93

To: John Calvert
Asst Director
Oak Ridge City
Public Works Dept
615-482-8434
F: Chris Massa

Re: Dredging of E. Poplar Creek (upstream of culverts)

The last time EFPC was dredged was in 1974-75, near Turnpike bridge (s?) Silt builds up there. He doesn't know if permits were required, or if permits were required for dredging prior to 1974-75. They have been trying to get permission since 1988 to dredge again, and hope to award contract for work next month. Permission comes from State Dept Environment & Conservation, Water Quality. It has taken a long time due to concern on contaminated sediments. Also permission required from DOE, they are doing studies on creek and dredging will have disturbed.

Telephone Notes

(2)

Date: 3/15/93

To: J Calvert
F: C DeMarsa

- In 74-75, sediment was piled next to creek, then used by contractor as topsoil in reclaiming when sewer line was installed. Contamination came from mercury spills in late 40's early 50's at Y-12. Contamination followed creek thru west side of town
- Remediation = DOE removed top 12-18" soil and replaced where contaminated.

- Calvert has no idea of volume of dredge material involved. Contractor knew where he had taken fill, DOE sampled all lines - marked areas where contaminant found and replaced.

- Dan Keaveney (DOE procurement officer) may have info or referral for info 574-3986
- Richard Eldridge filled out RCRA application sheet ⇒ (482-8424)
- Also Gary Denden (?) knows about current results

Telephone Notes

Date: 3/15/93

To: Susan Hutson
USGS
Memphis
Office H_2O Resources
901-766-2977

Ft: Chris Massa

Re: Tables she sent on public and industrial H_2O supply. Correct citation is:

(1980 data)

Drought Related Impacts on Municipal and Major Self Supplied Industrial Water Withdrawal in Tennessee -- Part B. Frank M. Alexander and Lee A. Keck, PDWM; Lewis G. Conn; USGS; and Stanley J. Wentz, TVA. Water-Resources Investigation Report 84-4074 398 pp. 1984

(Industrial data is from this report)

(1988 data)

Public Water-Supply Systems and Water Use in Tennessee, 1988. Susan A. Hutson and A. Janine Morris. USGS Water Resources Investigations Report 91-4195. 1992. 74 pp.

Telephone Notes

(2)

Date: 3/15/93

To: L Hutson

F: C DaMassa

- She has 1990 data on computer - she can give out amounts withdrawn by basin but not names of users until report is published

- Almost without exception industrial use is for process H_2O, not potable H_2O. In Anderson and Roane Co, withdrawal at Y-12 and K-25 is for process, ~~water thought~~ # of employees is given to indicate size of business. Industrial use is declining

- In PWS tables, population served is population directly served. Does not include use of water sold to other PWS's.

- She has addresses of private suppliers - like Trailcroft Mobile HomePark - not locations shown on map

- She will look up locations of H_2O withdrawal which are groundwater and call me back tomorrow

Telephone Notes

(3)

Date: 3/15/93

To: S Hulsen
F: C DeMasse

- Almost no data on use of H_2O for irrigation, esp. historical data. She has some survey info from 1985 - 1990. but its mainly golf courses and turf farms. No estimates on agricultural use beyond # of cattle in county of gallons/day/head

However, during drought conditions H_2O is trucked to cattle where streams have dried up.

Telephone Notes

Date: 3/17/93

To: John Reddle
TWRA
Recreational Fishing
Nashville
615-781-6575

F: Chris Mason

Inquired if my interpretation of # pounds fish/year is correct.

Yes - but based on estimates. ~~Probably~~ May not be totally reliable #, but it's all they've got.

Call Chris Obera
Tennessee Tech University
Cookeville
615-372-3753

He works w/ estimates more than anyone. May be able to estimate reliability

Telephone Notes

Date: 8/6/93

To: John Riddle
TWRA
615-781-6575

Fr: C. DaMassa

"Fish harvested" in reports he sent refer to fish caught and kept.

~~Fish~~ Estimates of fish caught and released are tabulated separately

Telephone Notes

Date: 8/5/93

To: Jim Evans
TWRA
Oak Ridge WMA
615-675-6836

Fr: C DaMassa

- Statistics for WMA are separate from County statistics

i.e	1985	ORWMA	927	deer harvested
		Anderson Co	42	" "
		Roane Co	80	" "

Only other WMA w/in Roane Co is Kingston
Count is probably low there 15-20/yr

None other in Anderson Co.

- Since our last conversation he has chatted w/old timers who say small game hunting & fishing have ~~take~~ occurred on Reservation for entire time period - more than people realize.
  TWRA archives may have daily logs/records of indicating #'s, if they have not been thrown out.

Telephone Notes

Date: 8/6/93

To: Lucien Faust
OR City Planner
615-482-8331

Fr: C Damasse

~~Re~~ Re: Historical Development to west of City of OR

- Before 50's, trailor parks / Wheat Community ~~we~~ to west
- 1st subdivision to west was Section 1 of Oak Hills (up against boundary of ORR) in late 50's or early 60's (his office can provide exact dates if desired) (by court order - city was against development to avoid leap frogging)
- Residential development filled in to Oak Hills in 15-18 yrs & now extends ~~~~ ~1 mile beyond
- There was a private development ~1½ mi² filled in from Louisiana north of Robertville Rd (West Ridge Corp)
- Also West Village strip along OR turnpike ~~~~ Title 9 in late 50's
- So. of OR Turnpike Wiltshire Estates (late 50's early 60's) lg lot subdivision Louisiana to Bradley Ave) on East Fork Ridge
- OR Country Club Estates also backs up to reservation began in early 70's, ~~a~~ not finished. EFP Creek goes thru CC property

(over)

- Garden Apts Develop in early 50's private enterprise — then they were big luxury apts
- So. Wood Development

Lots of people have reservation boundary as prop line

- Whipporwill Dr ~~fu~~ dev - furthest west
  Westwood is name of area furthest west