

REQUEST FOR RECORDS DISPOSITION AUTHORITY
(See Instructions on reverse)

9 MAR 1982

TO **GENERAL SERVICES ADMINISTRATION,
NATIONAL ARCHIVES AND RECORDS SERVICE, WASHINGTON, DC 20408**

1. FROM (AGENCY OR ESTABLISHMENT)
Tennessee Valley Authority

2. MAJOR SUBDIVISION
Office of Natural Resources

3. MINOR SUBDIVISION
Natural Resource Operations

4. NAME OF PERSON WITH WHOM TO CONFER
Ronald E. Brewer

5. TEL EXT
FTS 858-2520

LEAVE BLANK	
JOB NO NCI-142-82-9	
DATE RECEIVED MARCH 9, 1982	
NOTIFICATION TO AGENCY	
In accordance with the provisions of 44 U.S.C. 3303a the disposal request, including amendments, is approved except for items that may be stamped "disposal not approved" or "withdrawn" in column 10	
13 MAY 1982 Date	<i>Ronald E. Brewer</i> Archivist of the United States

6. CERTIFICATE OF AGENCY REPRESENTATIVE

I hereby certify that I am authorized to act for this agency in matters pertaining to the disposal of the agency's records; that the records proposed for disposal in this Request of 4 page(s) are not now needed for the business of this agency or will not be needed after the retention periods specified.

- A Request for immediate disposal.
- B Request for disposal after a specified period of time or request for permanent retention.

C. DATE 3/3/82	D. SIGNATURE OF AGENCY REPRESENTATIVE <i>Ronald E. Brewer</i>	E. TITLE Assistant TVA Archivist
-------------------	--	-------------------------------------

7. ITEM NO	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO	10. ACTION TAKEN
	<p><u>Water Quality Data</u></p> <p>Water quality data first began to be collected within TVA in 1938 by Environmental Hygiene Branch laboratory analysts in recording results of tests made on water samples collected from water supplies in the Valley area. Data collected during the early years of TVA consisted of analytical results of sanitary - chemical, mineral; bacteriological and biochemical oxygen demand water samples collected at TVA water stations and bathing beaches. The initial raw data were recorded on various laboratory worksheets such as:</p> <p>TVA 1343, Worksheet - Biochemical Water Analysis TVA 1345, Worksheet - Mineral - Water Analysis Laboratory TVA 2268, Field Worksheet (currently TVA 17057) TVA 2268A, Field Worksheet - Stream Reaeration Investigation (currently TVA 11061) TVA 2269, Worksheet - Chemical Laboratory (currently TVA 17050) TVA 2270, Worksheet - Coliform Organisms (currently TVA 17060) TVA 2270A, Coliform Organisms Worksheet for Drinking Water Samples (currently TVA 17119)</p>		4 items

Closed Out: 5-20-82: K.T.D.

*to NNB, 4/16/82, agency - 5/17/82
Mass Data Change Sheet Not Required*

Request for Records Disposition Authority - Continuation

JOB NO

PAGE OF
2 4

7. ITEM NO	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO	10. ACTION TAKEN
	<p>TVA 2272, Central Laboratory Worksheet TVA 9005, Long-term BOD Worksheet TVA 9079, Radiological Worksheet</p> <p>From the worksheets, final summaries of the analysis were reported on various other forms such as:</p> <p>CS 1323, Threshold Test Data Sheet CX 1324, Microscopical Examination TVA 1342, Bacteriological Water Analyses TVA 1344, Report of Water Analyses, Pollution TVA 1346, Report of Water Analyses - Mineral Constituents TVA 2271, Result of Sanitary - Chemical Water Analyses TVA 2216, Report of Examination for Coli-Aerogenes Group - Bathing Beach Studies TVA 9064, Result of Mineral Analyses TVA 9072, River Water Temperatures °C TVA 9088, Gross Radioactivity Data Sheet</p> <p>Also included were other unnumbered worksheets and forms, reports, maps, charts, and graphs.</p> <p>The data collected during years 1938-1969 was used for determining water quality classification of the main river reservoirs and how to better use the water for recreational purposes. The data was also used as input into reports given to state health departments and other interested persons. The worksheets and forms used during these years are now obsolete and discontinued except where a current form number has replaced an old one. The records accumulated during these years constitute a historical file of water conditions in the Valley during this time period and are not duplicated elsewhere. They are used frequently for research purposes in comparing water conditions during this time span with water conditions today and in furnishing historical data used in current reports.</p> <p>In 1970 water quality samples were to be collected by field personnel and analyzed by Laboratory Branch personnel. This data is utilized by Water Resources, Water Quality Branch personnel to identify and evaluate the interdependence of water resource development and water quality resources in the Tennessee Valley.</p>		

Request for Records Disposition Authority – Continuation

JOB NO

PAGE OF

3 4

7. ITEM NO	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO	10. ACTION TAKEN
	<p>Special studies are periodically made at the request of companies outside TVA on proposed sites for waste water treatment plants and water supply sources.</p> <p>When water samples are collected at TVA facilities, raw field data is recorded on forms such as:</p> <ul style="list-style-type: none"> TVA 17057, Water Quality Data Field Worksheet (formerly TVA 2268) TVA 11061, Water Quality Data - Field Worksheets (Reservoirs) (formerly TVA 17058 and TVA 2268A) TVA 17077, Water Quality Data - In Site Field Measurements <p>The raw field data is then coded on worksheets such as:</p> <ul style="list-style-type: none"> TVA 11062, Water Quality Monitoring Network Data Sheet (formerly TVA 17115 and TVA 17142B) TVA 17050, Water Quality Data Laboratory Worksheet (formerly TVA 2269) TVA 17060, Coliform Organisms Worksheet for Membrane Filter Technique (formerly TVA 2270) TVA 17076, Fish Data - Laboratory Worksheet TVA 17119, Coliform Organisms Worksheet for Drinking Water Samples (formerly TVA 2270A) TVA 17108, Sediment Worksheet - Water Quality Lab TVA 17146, Laboratory Worksheet (Sanitary) TVA 17147, Laboratory Worksheet Inorganic Nonmetals TVA 17148, Laboratory Worksheet (Metals) TVA 17149, Laboratory Worksheet Trace Metals <p>The coded data is then punched onto computer cards which are sent to Environmental Protection Agency in Atlanta for inclusion into the Biological Storet System (BIOSTORET). Only water quality data collected routinely goes into the BIOSTORET System; therefore, data of samples collected nonroutinely or for special studies (approximately 1.5 cu. ft. annual accumulation) warrants a longer retention period because of research reference needs.</p> <p>These records are filed chronologically by drainage basin.</p>		

Request for Records Disposition Authority - Continuation

JOB NO

PAGE OF
4 4

7. ITEM NO	8. DESCRIPTION OF ITEM (With Inclusive Dates or Retention Periods)	9. SAMPLE OR JOB NO	10. ACTION TAKEN
1	<p><u>Disposition</u> <i>Arranged by drainage basin, thereunder chronologically.</i> A. <u>Water Quality Data 1938-1969 (17 cu. ft.)</u> Destroy in Agency when program is discontinued. <i>Permanent: Offer to NARS when no longer needed for research needs in Agency.</i> B. <u>Water Quality Data 1970 and continuing</u> (1) <u>Raw Field Data - Destroy in Agency when 15 years old.</u> (2) <u>Coded Data</u> (a) BIOSTORET data - Destroy in Agency when data is verified, not to exceed 1 year. (b) Non-BIOSTORET data - Destroy in Agency when 30 years old.</p>	<p><i>RTB DB</i></p>	<p><i>4/26/82</i></p>