

WATERNET™

FILE DESCRIPTION

WATERNET™ provides a comprehensive index of the publications of the American Water Works Association and the AWWA Research Foundation. Included are books and proceedings, journals, newsletters, standards, manuals, handbooks, and water quality standard test methods. Emphasis is on the technical reports and studies from water utilities, regulatory agencies, and research groups in the United States and its territories, Canada, Mexico, and Latin America. European and Asian data are also reported. The database is the online counterpart to the index to the *Journal AWWA* from 1971 to the present, and all AWWA and AWWARF publications from 1973 to the present, with non-AWWA materials included on a selective basis.

SUBJECT COVERAGE

- Drinking Water Industry
- Water Treatment
- Water Quality
- Water Analysis
- Water Utility Management
- Water Rates
- Water Conservation
- Water Use
- Water Use
- Water Law
- Waterborne Diseases
- Water Pollution
- Watershed Management
- Wastewater Treatment
- Wastewater Reuse
- Distribution Systems
- Desalination

SOURCES

Sources include key North American and international journals (i.e. *Desalination*, *Journal of Water Resources Planning and Management*, *Journal of Environmental Engineering*, *Ozone Science and Engineering*, *Water Research*, *Water Science and Technology*), as well as the *Journal American Water Works Association*. WATERNET also contains abstracts of AWWA's *Annual Conference Proceedings*, *Water Technology Conference Proceedings*, *Distribution System Proceedings*, *AWWA Conference Seminars*, *AWWARF Water Reuse Symposia*, and *Mainstream and OpFlow* newsletters. Non-AWWA conferences and seminars are covered selectively.

DIALOG FILE DATA

Inclusive Dates: 1971 to the present
Update Frequency: Quarterly
File Size: More than 40,300 records as of March 1998

CONTACT

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SAMPLE RECORD

DIALOG(R) File 245:WATERNET(TM)

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AN= 021365 WQTC8618
/TI Alternate Trapping Materials for Purge and Trap Analysis of Volatile Compounds
AU= Mosesman, Neil H. ; Betz, William R. ; Corman, Scott D.
CS= SUPELCO, Inc., Bellefonte, Pennsylvania
CT= Proceedings Water Quality Technology Conference; Advances in
CL= Water Analysis and Treatment Portland, Oregon
CY= November 16-20, 1986
PY= p 245-250, 1987
PU= Publ: AWWA
CO=, BN=, SN= CODEN: PWQCD2 ISBN: 0-89867-385-2 ISSN: 0164-0755
AV= Availability: AWWA
4 references, tables, figures
LA= Language: English
DT= Document Type: Conf Proc
/AB= This paper discusses several of the shortcomings of purge and trap techniques, most of which can be traced to the trapping materials (adsorbents). An ideal adsorbent has the capacity to retain the volatile compounds during the purging process; is hydrophobic, so it will not retain the water vapor that is transferred to it during the purging process; is able to release the volatile compounds rapidly during the desorption step; and is free of impurities that may interfere with the chromatographic analysis. The adsorbents currently recommended for purge and trap techniques include porous polymers, silica gel and charcoal, none of which exhibit all of the ideal characteristics. Alternative trapping materials including a carbon molecular sieve and a graphitized carbon black, were evaluated as potential replacements for the existing adsorbents. Results are given.
/DE Descriptors: Sampling ; Volatile Organic Chemicals ; Water Quality Monitoring ; Gas Chromatography ; Analysis

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S WATER(W)QUALITY
/AB	AB	Abstract	Word	S RESPONSE(W)THRESHOLD?/AB
/DE	DE	Descriptor ¹	Word & Phrase	S WATER(W)LEGISLATION/DE
/TI	TI	Title	Word	S WATER QUALITY/DE S WATER(W)CONTAMINANTS/TI

¹ Also /DF.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AN=	AN	AWWA Accession Number	Phrase	S AN=ACE75110
—	AN	DIALOG Accession Number		
AU=	AU	Author	Phrase	S AU=STOKINGER, HERBERT?
AV=	AV	Availability	Word	S AV=(BRIER(W)PRESS)
BN=	BN	International Standard Book Number (ISBN)	Phrase	S BN=0-89867-220-1
CL=	CL	Conference Location	Word	S CL=(CINCINNATI(W)OH)
CO=	CO	CODEN	Phrase	S CO=JAWWA5
CS=	CS	Corporate Source	Word	S CS=(WATER(W)RESEARCH(W)CENTRE)
CT=	CT	Conference Title	Word	S CT=(AWWA(1W)ANNUAL)
CY=	CY	Conference Year	Phrase	S CY=1980
DT=	DT	Document Type	Phrase	S DT=JNL ARTICLE
JN=	JN	Journal Name	Phrase	S JN=JOURNAL AMERICAN WATER WORKS?
LA=	LA	Language	Phrase	S LA=FRENCH
LC=	LC	LC Card Number	Phrase	S LC=76-360429
PU=	PU	Publisher	Word	S PU=(MCGRAW(W)HILL)
PY=	PY	Publication Year	Phrase	S PY=1980
SC=	SC	Subject Code ²	Phrase	S SC=4300
SN=	SN	International Standard Serial Number (ISSN)	Phrase	S SN=0360-814X
—	SO	Source Information ³		
SP=	SP	Sponsor	Word	S SP=(MEDICAL(W)BIOENGINEERING)
UD=	—	Update	Phrase	S UD=9999

² Subject Codes are not used after 1985.

³ Display includes publisher, publication year, pagination, and other information depending on the document type indexed.

File 245**WATERNET™****SPECIAL FEATURES**

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP DUP, HELP CURRENT online.

SORT	AU, CS, JN, PY, TI	SORT S5/ALL/AU PRINT S7/1-30/AU/PY,D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE	RANK DE RANK AU S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 245 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Free	Title
7	Long	Bibliographic Citation and Abstract
8	Short	Title and Indexing
9	Full	Full Record

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S4/TI,AU/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S3/3/1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 021365/5 DISPLAY 004627/AU,TI PRINT 0021732/4

FOR ONLINE HELP:

See HELP FIELDS 245 for searchable fields; HELP FORMAT 245 for output formats; HELP LIMIT 245 for limits; HELP RATES 245 for cost information; HELP SORT 245 for sorts.