

SUMMARIES

NTISUB/B/135-76/009

Number 49

September 1976

**SUMMARIES OF
FOREIGN GOVERNMENT
ENVIRONMENTAL
REPORTS**

U S ENVIRONMENTAL PROTECTION AGENCY
Washington D C 20460

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FOREWORD

The U.S. Environmental Protection Agency, under a series of documents exchanges with foreign governments and international organizations, is collecting environmental reports from around the world. This publication, a monthly announcement of documents received by EPA under the exchanges, is distributed to EPA staff and is available to others through the National Technical Information Service (NTIS). See inside cover for subscription rates.

Index System

In each issue the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

air	pesticides
water	toxic substances
noise	radiation
solid wastes	land use

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

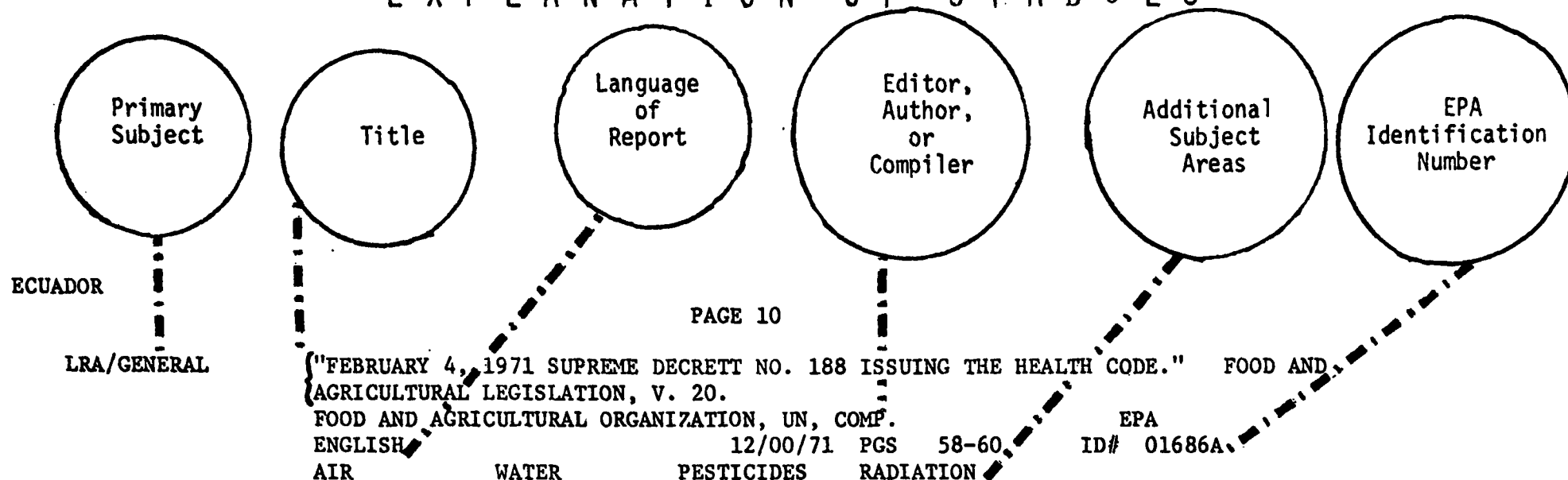
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Source Documents

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EXPLANATION OF SYMBOLS



THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

Each original law has the letter A following the EPA identification number. Additional directly related legislation will have the same identification number and a subsequent alphabetical letter.

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BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

BELGIUM. 1975 SUPPLEMENT

J. M. DIDIER & ASSOCIATES

LR(B)

ENGLISH

00/00/75 PGS 1-91

EPA

ID# 03323B

ALSO PMA

*GENERAL

WATER

SOLID WASTE

NOISE

BRAZIL

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II

(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)

BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT

EPA

PM(B)

PORTUGUESE

06/00/75 PGS 159-399

ID# 03811B

ALSO LRB, PMA AND SF

*GENERAL

WATER

SOLID WASTE

LAND USE

CANADA

"NATIONAL EMISSION REGULATIONS ANNOUNCED FOR ASBESTOS MINING AND MILLING

INDUSTRY." NEWS RELEASE

CANADA. ENVIRONMENT CANADA

EPA

LR(B)

ENGLISH

12/15/75 PGS 1-2

ID# 03808A

PROPOSED REGULATIONS TO LIMIT ASBESTOS EMISSIONS FROM ASBESTOS MINING AND MILLING OPERATIONS WERE ANNOUNCED ON DEC. 12, 1975 BY ACTING FEDERAL ENVIRONMENT MINISTER ROMEO LEBLANC. TO BE ISSUED UNDER THE CLEAN AIR ACT, THE PROPOSED REGULATIONS WOULD LIMIT THE CONCENTRATION OF ASBESTOS FIBRES EMITTED TO THE AMBIENT AIR TO 2 FIBRES PER CUBIC CENTIMETER FROM CRUSHING, DRYING OR MILLING OPERATIONS AND FROM DRY ROCK STORAGE. FURTHER REGULATIONS ARE BEING DEVELOPED FOR THE OTHER SOURCES IN ASBESTOS MINES AND MILLS, SUCH AS DRILLING OPERATIONS, TAILINGS HANDLING AND TAILINGS DISPOSAL. PERIODIC EMISSION TESTING AS WELL AS RECORD KEEPING FOR MALFUNCTIONS AND BREAKDOWNS ARE REQUIRED ALSO. ESTIMATED CANADA-WIDE EMISSIONS OF PARTICULATES CONTAINING ASBESTOS FIBRES FROM THIS INDUSTRY WERE 80,000 TONS IN 1970. THE APPLICATION OF THE PROPOSED REGULATIONS WOULD DRASTICALLY REDUCE THE EMISSIONS OF ASBESTOS FIBRES TO THE AMBIENT AIR.

CANADA

"OIL SANDS VISIT." JOINT NEWS RELEASE

CANADA. ENVIRONMENT CANADA

EPA

PM(B)

ENGLISH

06/04/76 PGS 1-2

ID# 03785A

THE SYNCRUDE OIL SANDS DEVELOPMENT AT FORT MCMURRAY, ALBERTA HAS BEEN THE SUBJECT OF NUMEROUS DISCUSSIONS BETWEEN FEDERAL AND ALBERTA OFFICIALS. WHILE DEVELOPMENT OF THE OIL SAND IS IMPORTANT IN MEETING CANADA'S GOAL OF ENERGY INDEPENDENCE, THE PROJECT MUST NOT DISREGARD SAFEGUARDS NECESSARY FOR ENVIRONMENTAL PROTECTION. MAJOR CONCERNS OVER THE OIL SANDS PROJECTS, WHICH INCLUDE OIL SANDS EXTRACTION PLANTS, ARE THE HIGH LEVEL OF AMBIENT AIR POLLUTION THAT COULD OCCUR FROM PLANT SOURCE EMISSIONS AND POTENTIAL DEGRADATION OF SURFACE AND GROUND WATERS. IN ADDITION, ADVERSE ECOLOGICAL EFFECTS COULD BE CAUSED BY THE EXCAVATION NECESSARY FOR THE DEVELOPMENT. AS A RESULT OF THE IDENTIFICATION OF THESE PROBLEMS, THE TWO GOVERNMENTS HAVE INITIATED THE TEN YEAR \$40 MILLION ALBERTA OIL SANDS ENVIRONMENT RESEARCH PROGRAM, WHICH IS EVALUATING THE PROJECT'S ECOLOGICAL IMPACT AND STUDYING MEANS OF SOLVING THE PROBLEMS THAT ARE IDENTIFIED.

AIR

DENMARK
LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUD HAGEN
LR(B) ENGLISH 11/00/75 PGS 1-40 EPA ID# 03327B
ALSO PMA
*GENERAL WATER SOLID WASTE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES
LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
COMPARATIVE VOLUME. 1975 SUPPLEMENT
LR(B) ENGLISH 00/00/75 PGS 1-44 EPA ID# 03321B
*GENERAL WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES
"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN
COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
SMEETS, J.
PM(B) ENGLISH 06/00/75 PGS 19-30 EPA ID# 03920A
ALSO SE
*GENERAL WATER NOISE

FINLAND
"EMISSIONS INTO THE SEA THROUGH SMOKE MUST BE REDUCED." HUFVUDSTADSBLADET
LR(B) SWEDISH 05/19/76 PGS 1, 6 EPA ID# 03823A
*WATER

FRANCE
LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
FRANCE. 1975 SUPPLEMENT
LR(B) ENGLISH 00/00/75 PGS 1-37 EPA ID# 03330B
ALSO PMA
*GENERAL WATER SOLID WASTE NOISE RADIATION

AIR

FRANCE "STABILIZATION OF AIR POLLUTION IN 1975." NUISANCES ET ENVIRONNEMENT,
NO. 51

PM(B) FRENCH 06/00/76 PGS 11 EPA
ID# 03773A

A STUDY BEING CIRCULATED BY THE OFFICE OF THE PREVENTION OF POLLUTION AND NUISANCES WITHIN THE FRENCH STATE SECRETARIAT FOR THE ENVIRONMENT REPORTS A STABILIZATION IN FRENCH AIR POLLUTION LEVELS, PARTICULARLY WITH RESPECT TO SULFUR DIOXIDE AND DARK FUMES. DURING THE COURSE OF 1975, AN IMPROVEMENT, MOREOVER, HAS BECOME APPARENT IN THOSE ZONES WHICH ARE SUBJECT TO THE INFLUENCE OF INDUSTRIAL CONSUMERS OF HIGH SULFUR CONTENT FUELS. THIS RESULT IS ATTRIBUTABLE TO A 22 PERCENT DROP IN HEAVY FUEL DELIVERIES TO THERMAL INSTALLATIONS BETWEEN 1974 AND 1975 AND TO NEW MEASURES AIMED AT THE REDUCTION OF THE SULFUR CONTENT OF DOMESTIC FUELS WHICH TOOK EFFECT ON OCTOBER 1, 1974. ON THE WHOLE, HOWEVER, RESULTS OBTAINED VARIED ACCORDING TO LOCATION. WHILE ON THE INCREASE IN MARSEILLES, REIMS AND CAEN, SULFUR DIOXIDE POLLUTION HAS DECREASED BY 25 PERCENT IN TWO YEARS WITHIN THE REGIONS OF LILLE AND LYON BECAUSE OF SPECIAL PROTECTION ZONES.

FRANCE "VARIATIONS OF POLLUTION RATES AND LOCAL CLIMATE PATTERNS IN MARTIGUES-FOS."
POLLUTION ATMOSPHERIQUE, NO. 70

ST() ACHARD, J., AND E. POUGET FRENCH 04/00/76 PGS 135-150 EPA
ID# 03802A

A STUDY HAS BEEN MADE OF THE VARIATIONS OF POLLUTION RATES AS A FUNCTION OF LOCAL CLIMATE PATTERNS, BASED ON MEASUREMENTS OF ATMOSPHERIC POLLUTION IN THE REGION OF MARTIGUES-FOS IN FRANCE. THE COMPARATIVE ANALYSIS OF DATA ON CHEMICAL POLLUTANTS AND GROUND LEVEL WIND SPEEDS, AS WELL AS DATA ON TEMPERATURES RECORDED FROM VARYING ALTITUDES, SHOWS THAT THE EVOLUTION OF POLLUTION RATES ARE VERY DIFFERENT DURING PERIODS OF MISTRAL OR OF COASTAL BREEZES AND DURING PERSISTENT CALM WINDS. THESE STATISTICAL AND QUANTITATIVE EFFORTS FORM A FIRST INTERMEDIATE STAGE IN A CAMPAIGN TO IMPROVE THE VALIDITY OF INFORMATION AVAILABLE ON CONDITIONS OF DIFFUSION AND FORECASTING.

FRANCE "DESULFURIZATION OF SULFUR PLANT EFFLUENTS." POLLUTION ATMOSPHERIQUE, NO. 70
GRANCHER, P., AND J. NOUGAYREDE

ST() FRENCH 04/00/76 PGS 129-134 EPA
ALSO PMB ID# 03817A

SULFUR PLANTS, WHETHER LOCATED IN REFINERIES OR ON NATURAL GAS FIELDS, MAY CONSTITUTE IMPORTANT SOURCES OF ATMOSPHERIC POLLUTION BECAUSE OF THE SULFUR DIOXIDE GAS WHICH THEY EMIT. RESEARCH ON THE CONTROL OF SULFUR POLLUTION AT THE SOCIETE NATIONALE DE PETROLE D'AQUITAINE HAS RESULTED IN THE DEVELOPMENT OF THE SULFREEN PROCESS. THIS TECHNIQUE CONSISTS OF CARRYING OUT COMPLIMENTARY DESULFURIZATION OF EFFLUENTS FROM CLAUS UNITS AND PROVIDES FOR SULFUR EXTRACTION WITH AN OVERALL EFFICIENCY GREATER THAN 99 PERCENT. IN ADDITION TO THE THREE SULFREEN UNITS SET UP IN THE FRENCH LACQ PLANT, THE PROCESS IS ALSO BEING ADOPTED IN CANADA, THE USSR AND WEST GERMANY. A TABLE LISTS THE 17 SULFREEN UNITS WHICH ARE NOW IN SERVICE OR IN CONSTRUCTION AT VARIOUS SULFUR INSTALLATIONS THROUGHOUT THE WORLD WITH CAPACITIES RANGING FROM 50 TO 2,000 TONS PER DAY. A SEPARATE TABLE PROVIDES DATA ON INVESTMENT, OPERATION AND MAINTENANCE COSTS.

AIR

GERMANY, FED REP OF

"APRIL 8, 1975 INSTRUCTIONS FOR TESTING THE APPLICABILITY OF CONTINUOUSLY REGISTERING IMMISSIONS MEASURING DEVICES." GEMEINSAMES MINISTERIALBLATT, 14
 GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
 GERMAN 04/22/75 PGS 366-367 ID# 02033T
 ALSO ST

LR(A)

FEDERALLY UNIFORM REQUIREMENTS FOR TYPE TESTING IMMISSIONS MEASURING EQUIPMENT ARE NECESSARY IN IMPLEMENTATION OF SECTION 2.5 OF THE TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY AND SECTION 5.2 OF THE FOURTH GENERAL ADMINISTRATIVE REGULATION PURSUANT TO THE FEDERAL NUISANCE LAW (DETERMINATION OF IMMISSIONS IN HEAVILY POLLUTED AREAS). TO THIS END, THE FEDERAL MINISTER OF THE INTERIOR AND STATE AUTHORITIES AGREED ON THESE INSTRUCTIONS IN THE STATES' COMMITTEE FOR IMMISSIONS PROTECTION. THE INSTRUCTIONS DESCRIBE: 1) MINIMUM TECHNICAL REQUIREMENTS FOR CONTINUOUSLY REGISTERING MEASURING DEVICES FOR GASEOUS AND PARTICULATE AIR POLLUTANTS, 2) THE INSTITUTES AUTHORIZED TO CONDUCT TYPE TESTING, AND 3) THE PLACE OF PUBLICATION OF THE NAMES OF MEASURING DEVICES SUITABLE FOR VARIOUS PURPOSES ACCORDING TO TYPE TESTING. (THE INSTRUCTIONS ARE PRINTED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE IN THE MONITORING OF IMMISSIONS.")

GERMANY, FED REP OF

"APRIL 8, 1975 INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF...EMISSIONS MEASURING DEVICES." GEMEINSAMES MINISTERIALBLATT, 14
 GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
 GERMAN 04/22/75 PGS 367-368 ID# 02033U
 ALSO ST

LR(A)

THE 1974 TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY REQUIRE INSTALLATIONS EXCEEDING GIVEN LEVELS OF AIR OR DUST EMISSIONS TO BE EQUIPPED WITH CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES. THESE "INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES" LIST: 1) MINIMUM TECHNICAL REQUIREMENTS FOR SUCH DEVICES DURING TYPE TESTING, 2) THE INSTITUTES THAT CONDUCT TYPE TESTING, 3) THE PLACES OF PUBLICATION OF TYPES OF MEASURING DEVICES AND THEIR SUITABILITY FOR GIVEN PURPOSES, AND 4) THE INSTALLATION AND MAINTENANCE FOR THE DEVICES. THE FEDERAL MINISTER OF THE INTERIOR RECOMMENDS THAT STATE AUTHORITIES ISSUE ADMINISTRATIVE REGULATIONS CONFORMING TO THE INSTRUCTIONS. (THE INSTRUCTIONS ARE ISSUED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE IN MONITORING EMISSIONS FROM FACILITIES PURSUANT TO SECTION 4, PARAGRAPH 1 OF THE FEDERAL NUISANCE LAW.")

AIR

GERMANY, FED REP OF

"APRIL 8, 1975 INSTRUCTIONS FOR THE EVALUATION OF CONTINUOUSLY REGISTERED EMISSIONS MEASUREMENTS." GEMEINSAMES MINISTERIALBLATT, 14
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
GERMAN 04/22/75 PGS 369-372 ID# 02033V
ALSO ST

LR(A)

PURSUANT TO SECTION 48 OF THE FEDERAL NUISANCE LAW, THE 1974 TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY REQUIRE FACILITIES WITH DUST OR GASEOUS EMISSIONS EXCEEDING STIPULATED LEVELS TO BE EQUIPPED WITH CONTINUOUSLY REGISTERING MEASURING DEVICES. THESE INSTRUCTIONS DISCUSS INSTRUMENTS FOR THE MEASUREMENT OF DUST EMISSIONS IN SECTION 1 AND OF SULFUR DIOXIDE EMISSIONS IN SECTION 2. EACH SECTION CONTAINS INFORMATION RELATIVE TO: 1) DETERMINING THE FUNCTIONAL ACCURACY OF THE MEASURING DEVICE, 2) DETERMINING THE MEASURING RESULTS, AND 3) EVALUATING THE MEASURING RESULTS. THE FEDERAL MINISTER OF THE INTERIOR AND STATE (LAND) AUTHORITIES AGREED ON THE INSTRUCTIONS IN THE STATES' COMMITTEE FOR IMMISSIONS PROTECTION, AND THE MINISTER RECOMMENDS THAT STATE AUTHORITIES ISSUE ADMINISTRATIVE REGULATIONS CONFORMING TO THE INSTRUCTIONS. (THE INSTRUCTIONS ARE ISSUED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE FOR MONITORING EMISSIONS FROM FACILITIES PURSUANT TO SECTION 4, PARA. 9 OF THE FEDERAL NUISANCE LAW.")

GERMANY, FED REP OF

"APRIL 4, 1975 APPLICABILITY OF MEASURING DEVICES FOR CONTINUOUS REGISTRATION OF EMISSIONS." GEMEINSAMES MINISTERIALBLATT, 14
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
GERMAN 04/22/75 PGS 373-374 ID# 02033W

LR(A)

THIS NOTICE OF THE FEDERAL MINISTER OF THE INTERIOR LISTS THE INSTRUMENTS TYPE-TESTED BY AUTHORIZED INSTITUTES AND FOUND SUITABLE FOR MEASURING EMISSIONS FROM VARIOUS TYPES OF FACILITIES. THE FOLLOWING INFORMATION IS GIVEN FOR EACH INSTRUMENT: NAME; MANUFACTURER; TYPE OF FACILITY FOR WHICH SUITED; LIMITATIONS, IF ANY; AND TEST REPORTS (LISTING THE TESTING INSTITUTES, DATES AND NUMBERS OF THE REPORTS FOR EACH DEVICE). SECTIONS OF THE NOTICE LIST MEASURING DEVICES FOR 1) DUST CONTENT, 2) SMOKE DENSITY, AND 3) SULFUR DIOXIDE. SECTION 4 GIVES CALIBRATION INSTRUCTIONS. ALSO ATTACHED IS THE NOTICE OF NOV. 7, 1975 ON "APPLICABILITY OF MEASURING DEVICES FOR CONTINUOUS REGISTRATION OF EMISSIONS" (GEMEINSAMES MINISTERIALBLATT, 36, DEC. 12, 1975, PP 799-800), LISTING ADDITIONAL DUST AND SMOKE MEASURING DEVICES. THE NOTICES ARE ISSUED PURSUANT TO THE "APRIL 8, 1975 INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES."

AIR

GERMANY, FED REP OF LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
GERMANY. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-9 EPA ID# 03322B
*GENERAL WATER SOLID WASTE NOISE RADIATION

GERMANY, FED REP OF "AIR POLLUTION AND HEALTH." FRANKFURTER ALLGEMEINE ZEITUNG

PM(B) GERMAN 04/17/76 PGS 7 EPA ID# 03788A

A TEST PROJECT TO DETERMINE WHETHER AIR POLLUTION AFFECTS THE HEALTH OF CHILDREN AND OLDER PEOPLE IS BEING CARRIED OUT IN THE RUHR AREA BY THE DIVISION OF HYGIENE AND LABOR MEDICINE AT THE TECHNICAL UNIVERSITY OF AACHEN. PEOPLE FROM DISTRICTS OF THE CITY OF OBERHAUSEN ARE BEING TESTED. GOVERNMENT REPORTS HAVE INDICATED THAT THE CITY LIES IN A HEAVILY POLLUTED AREA, WHERE SOME AIR POLLUTANTS EXCEED RECOMMENDED THRESHOLDS. THE TESTS ARE TO DETERMINE IF AIR POLLUTION IS RELATED TO CHRONIC DAMAGES IN OLD PEOPLE AND IF CHILDREN'S HEALTH IS PERHAPS IMPAIRED BY IRRITATING GASES. THE EXAMINATIONS WILL INCLUDE X-RAYS OF THE LUNGS AND NASAL CAVITY AND BLOOD TESTS. THE BLOOD WILL BE ANALYZED FOR TRACES OF HEAVY METALS SUCH AS LEAD, CADMIUM AND CARBON MONOXIDE. A SMALLER GROUP FROM A LESS POLLUTED RUHR AREA WILL SERVE AS A CONTROL.

GREAT BRITAIN ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(B) ENGLISH 00/00/75 PGS 1-107 EPA ID# 03325B
ALSO PMA
*GENERAL WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

GREAT BRITAIN "ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...
THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.

PM(B) ENGLISH 06/00/75 PGS 41-51 EPA ID# 03804A
ALSO LRB, PMA AND SE
*WATER LAND USE SOLID WASTE NOISE RADIATION

AIR

ISRAEL

"CRITIQUE OF ISRAEL'S AIR QUALITY STANDARDS." AIR QUALITY SELECTED
 TOPICS 1974-1975
 JONES, K. H.
 ENGLISH 00/00/76 PGS 12-23 ID# 03800A
 ALSO LRB

PM(B)

THE MAIN PURPOSE OF THIS PAPER IS TO COMMENT ON ISRAEL'S EXISTING AIR QUALITY STANDARDS WITH RESPECT TO INTERNATIONAL AND OTHER NATIONAL TRENDS, DESCRIBE SOME OF THEIR BASIC FAULTS AND RECOMMEND NEEDS FOR THE FUTURE. COMMENTS FOCUS ON THE FOLLOWING POLLUTANT CRITERIA: CARBON MONOXIDE, SULFUR DIOXIDE, HYDROGEN SULFIDE, NITROGEN OXIDES, OXIDANTS, LEAD, SUSPENDED PARTICULATES AND HYDROCARBONS. RECOMMENDATIONS INCLUDE THE CREATION OF AN INTERGOVERNMENTAL COMMITTEE TO REVIEW AND REVISE STANDARDS AS ASSESSMENT DATA BECOME AVAILABLE.

ISRAEL

"THE AIR QUALITY MONITORING NETWORK OF ISRAEL." AIR QUALITY SELECTED
 TOPICS 1974-1975
 JONES, K. H.
 ENGLISH 00/00/76 PGS 53-61 ID# 03801A

PM(B)

A NATIONAL AIR QUALITY MONITORING NETWORK FOR ISRAEL HAS BEEN DESIGNED AND WILL BE PUT INTO OPERATION TO SUPPORT BOTH THE SHORT AND LONG TERM NEEDS OF MUNICIPAL AND NATIONAL AIR QUALITY ASSESSMENT PROJECTS NOW UNDERWAY OR PLANNED IN THE REGIONS OF HAIFA, TEL-AVIV, JERUSALEM, BEER-SHEVA AND ASHDOD. INCLUDED IN THE ARTICLE ARE DESCRIPTIONS OF: THE NETWORK, INTERMITTENT AND SEMI-CONTINUOUS STATIONS, SPECIAL MONITORING REQUIREMENTS, THE QUALITY ASSURANCE PROGRAM AND THE DATA STORAGE AND RETRIEVAL SYSTEM. A TABLE DESIGNATING THE DISTRIBUTION AND INSTALLATION SCHEDULE FOR THE NETWORK IS PROVIDED.

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 ITALY. 1975 SUPPLEMENT

LR(B)

ENGLISH 00/00/75 PGS 1-22 ID# 03324B
 *GENERAL WATER SOLID WASTE RADIATION

AIR

JAPAN

"THE CURRENT STATE AND TRENDS OF ENVIRONMENTAL POLLUTION." I ENCONTRO
 NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. 1
 SHIOZAWA, KIYOSHIGE EPA
 ENGLISH 06/00/75 PGS 129-149 ID# 03822A
 ALSO PMB AND PMA
 WATER

LR(B)

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND
 IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE CURRENT STATE OF ENVIRONMENTAL
 POLLUTION IN JAPAN AND MEASURES TAKEN TO COMBAT IT. AREAS OF ENVIRONMENTAL IMPROVEMENT AND
 DETERIORATION AND NEWLY DEVELOPING AREAS OF ENVIRONMENTAL CONCERN ARE NOTED WITH RELATION TO
 THE RAPID ECONOMIC DEVELOPMENT OF JAPAN. THE HISTORY OF ENVIRONMENTAL ADMINISTRATION IN JAPAN,
 THE OBJECTIVES OF THE BASIC LAW FOR ENVIRONMENTAL POLLUTION CONTROL, THE DEVELOPMENT OF SUCH
 REGULATIONS AS THE POLLUTER PAYS PRINCIPLE, EMISSION AND WATER QUALITY CONTROLS AND STANDARDS,
 DEVELOPMENT OF UNLEADED GASOLINE, AND SUPERVISORY AND MONITORING SYSTEMS ARE REVIEWED. THE
 PAPER IS SUPPLEMENTED BY SEVERAL APPENDED FIGURES AND TABLES. AMONG OTHER THINGS, THESE APPENDIXES
 LIST THE MAJOR ENVIRONMENTAL LAWS, NUMERICAL VALUES FOR AIR AND WATER STANDARDS, AND INTERNATIONAL
 COMPARISONS OF CERTAIN STANDARDS, EXPENDITURES AND SOCIO-ECONOMIC FACTORS.

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 LUXEMBOURG. 1975 SUPPLEMENT
 J. M. DIDIER & ASSOCIATES EPA
 ENGLISH 00/00/75 PGS 1-63 ID# 033298
 ALSO PMA
 *GENERAL WATER NOISE RADIATION TOXIC SUBS

LR(B)

MEXICO

"AUGUST 18, 1975 AGREEMENT DELINEATING LICENSING PROCEDURES FOR THE ESTABLISHMENT
 OF NEW INDUSTRIES OR THE EXPANSION OF EXISTING ONES." SALUD PUBLICA. VOL. 17, NO.5
 EPA
 SPANISH 09/00/75 PGS 737-739 ID# 01645K

LR(A)

THIS AGREEMENT, PROMULGATED BY THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE PURSUANT TO
 ARTICLES SEVEN AND EIGHT OF THE REGULATION FOR THE PREVENTION AND CONTROL OF ATMOSPHERIC
 POLLUTION CAUSED BY SMOKE AND PARTICLE EMISSIONS, SETS FORTH THE PROCEDURE FOR THOSE APPLICANTS
 WHO WISH TO OBTAIN A LICENSE FOR THE ESTABLISHMENT OR EXPANSION OF ANY INDUSTRIAL ACTIVITY WHICH
 CAUSES EMISSIONS OF SMOKE OR PARTICULATE MATTER. THIS AGREEMENT IS PARTICULARLY APPLICABLE TO
 STATIONARY COMBUSTION EQUIPMENT, INCINERATORS, OTTO OR DIESEL POWERED INTERNAL COMBUSTION ENGINES
 AND OTHER PROCESSES MENTIONED IN ARTICLE TWO OF THE AGREEMENT. THE APPLICANT MUST APPLY TO THE
 SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT THROUGH THE CENTRAL OFFICES IN THE FEDERAL DISTRICT
 AND THROUGH THE COORDINATED HEALTH SERVICES IN THE STATES. CONDITIONS FOR APPROVAL OR DENIAL OF
 APPLICATION, TIME PERIODS, VERIFICATION AND ACTIONS AGAINST FALSIFICATION OF APPLICATION, THE
 JURISDICTION OF OTHER INVOLVED AUTHORITIES AND REQUIRED NOTIFICATIONS ARE ALSO DESCRIBED.

AIR

MEXICO

"AUTOMATIC COMPUTERIZED NETWORK FOR THE MONITORING OF THE AIR IN THE VALLEY OF MEXICO." SALUD PUBLICA DE MEXICO, VOL. 17, NO. 5
 MARQUEZ MAYAUDON, ENRIQUE EPA
 SPANISH 10/00/75 PGS 669-706 ID# C3815A
 ALSO ST

PM(B)

THIS ARTICLE DESCRIBES THE AIR MONITORING NETWORK (RED COMPUTARIZADA AUTOMATICA DE MONITOREO DEL AIRE DEL VALLE DE MEXICO - RECAMA) BEING INSTALLED BY THE MEXICAN SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT IN THE MEXICO CITY AREA. THIS AUTOMATIC NETWORK CONSISTS OF 20 STATIONS WHICH CONTINUOUSLY MEASURE SULFUR DIOXIDE AS AN INDICATOR OF INDUSTRIAL AIR POLLUTION AND CARBON MONOXIDE AS AN INDICATOR OF AUTOMOBILE POLLUTION. FIVE OF THESE STATIONS ALSO MEASURE LEVELS OF OZONE, NITROGEN OXIDE, AND NITROGEN DIOXIDE IN THE ATMOSPHERE AS WELL AS SUSPENDED PARTICLES AND METEOROLOGICAL VARIABLES SUCH AS WIND DIRECTION AND SPEED, TEMPERATURE AND HUMIDITY. THERE ARE ALSO TWO MOBILE MONITORING UNITS, A TELEMETRY SYSTEM AND A COMPUTER. RECAMA'S PERFORMANCE SPECIFICATIONS AND METHODS OF MEASUREMENT ARE ALSO DESCRIBED.

MEXICO

"ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
 MUNGUIA BARCENA, JORGE EPA
 SPANISH 06/00/75 PGS 31-39 ID# 03821A
 ALSO PMA
 WATER SOLID WASTE

PM(B)

THIS PAPER, PRESENTED AT THE NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE ADMINISTRATIVE SET UP AND CURRENT PROGRAMS TO FIGHT AIR AND WATER POLLUTION, IMPROVE URBAN AND RURAL AREAS AND PRESERVE THE ECOLOGY IN MEXICO. IN THIS REGARD, THE RESPONSIBILITIES OF GOVERNMENT, INDUSTRY AND CITIZENS ARE DISCUSSED INCLUDING: MEASURES TO PREVENT INDUSTRIAL AIR POLLUTION BY INSTALLING ANTIPOLLUTION EQUIPMENT AND BY THE ADEQUATE LOCATION OF NEW INDUSTRIES; TECHNICAL, PLANNING AND FINANCIAL ASSISTANCE TO INDUSTRY; REPORTING ON ACCOMPLISHMENTS MADE TO DATE AND MEASURES TO PENALIZE POLLUTERS; ACTIVITIES CONCERNING THE AIR POLLUTION MONITORING PROGRAM; THE FEDERAL AND LOCAL ORGANIZATION OF POLLUTION CONTROL; THE REGISTERING OF DISCHARGERS OF EFFLUENTS; THE DISPOSAL AND RECYCLING OF SOLID WASTES; DEVELOPMENTS IN THE SOLAR ENERGY PROGRAM; AND RELATED STUDIES, PLANS AND PUBLIC EDUCATION FOR ENVIRONMENTAL PROTECTION.

AIR

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
NETHERLANDS. 1975 SUPPLEMENT

LR(B)

LANGELAAR, K.

ENGLISH

00/00/75 PGS 1-132

EPA

ID# 03326B

ALSO PMA

*GENERAL

WATER

SOLID WASTE NOISE

SCANDINAVIA

*ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET

LR(B)

SWEDISH

05/16/76 PGS 15

EPA

ID# 03806A

*GENERAL

WATER

NOISE

SOLID WASTE

SCANDINAVIA

NUMERICAL SIMULATION MODELS AND TRAJECTORY METHODS FOR CALCULATING LONG-DISTANCE
TRANSPORT OF AIRBORNE POLLUTANTS. NORDFORSK - SECRETARIAT OF ENVIRONMENTAL SCIENCES
NORDLUND, GÖRAN, AND ANN-BEATE HENRIKSON

ST()

ENGLISH

00/00/75 PGS 1-76

EPA

ID# 03776A

ALSO PMB

THIS TECHNICAL REPORT TO THE NORDFORSK PROJECT "ACIDITY OF PRECIPITATION" IS A CONTRIBUTION TOWARD THE DEVELOPMENT OF TECHNIQUES AND METHODS NECESSARY FOR ASSESSING LONG-RANGE TRANSPORT OF POLLUTANTS IN THE SCANDINAVIAN COUNTRIES. THE FOLLOWING SUBJECTS ARE DEALT WITH: PHYSICAL FORMULATION OF THE TRANSPORT PROBLEM; MODELS USING EULERIAN SOLUTION OF THE TRANSPORT EQUATION; TWO EXAMPLES OF THE PSEUDO-DIFFUSION ERROR IN TRANSPORT CALCULATIONS AND METHODS OF ELIMINATING THIS PROBLEM; DESCRIPTION AND DISCUSSION OF THE QUASI-LAGRANGIAN MODEL WITH COMMENTS ON DEVELOPING A COMPUTER PROGRAM FOR IT; THE SENSITIVITY OF THIS MODEL TO CHANGES IN THE MAIN PARAMETERS; MODELLING THE SCAVENGING OF PRECIPITATION; A GENERAL DESCRIPTION OF TRAJECTORIES; COMPUTING TRAJECTORIES WITH VERTICAL TRANSPORT AND EXPERIMENTS WITH THESE 3-DIMENSIONAL TRAJECTORIES; INVESTIGATION OF SELECTED EPISODES USING TRAJECTORIES; AND EXPERIMENTS TO COMPUTE THE EMISSION OF SULFUR ALONG ISOBARIC TRAJECTORIES.

SOUTH AFRICA

"A QUICK LOOK AT THE SMOKE AND SULFUR DIOXIDE SITUATION IN SOUTH AFRICA."
ENVIRONMENT RSA, VOL. 3, NO. 2

PM(B)

HALIDAY, E.C.

ENGLISH

02/00/76 PGS 2

EPA

ID# 03777A

THIS ARTICLE PRESENTS A BRIEF SUMMARY OF STATISTICS ON SULFUR DIOXIDE AND SMOKE LEVELS IN VARIOUS URBAN AREAS IN SOUTH AFRICA AS COMPILED BY THE AIR POLLUTION RESEARCH GROUP OF THE COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH FROM INFORMATION SUPPLIED BY LOCAL MONITORING AUTHORITIES. SMOKE STATISTICS ARE GIVEN FOR VARIOUS LOCATIONS IN JOHANNESBURG, WHILE BOTH SMOKE AND SULFUR DIOXIDE LEVELS ARE INDICATED FOR LOCATIONS IN CAPE TOWN, DURBAN, PRETORIA AND BLOEMFONTEIN. ESTIMATED TRENDS FOR THESE POLLUTANTS ARE ALSO INDICATED.

AIR

SWEDEN

"THE FACTORY WILL BE SHUT DOWN IF THE ENVIRONMENT DOES NOT IMPROVE BEFORE JULY 1." SVENSKA DAGBLADET

LR(8)

SWEDISH

06/10/76 PGS 21

EPA
ID# 03774A

A FOUR-YEAR OLD PRIVATELY OWNED CLINKER FACTORY WITH A WORK FORCE OF 35 IN THE VICINITY OF VANERSBORG HAS BEEN ORDERED TO SHUT DOWN OPERATION IF ITS FLUE GAS IS NOT PURIFIED PROPERLY AND THE FACTORY'S CHIMNEY IS STILL NOT REPAIRED ON JULY 1. ORDERS TO LIMIT THE FLUE GAS EMISSIONS TO 250 MILLIGRAMS PER CUBIC METER GAS WERE ISSUED BY THE COUNTY ADMINISTRATION ALREADY IN JANUARY DUE TO COMPLAINTS FROM THE POPULATION ABOUT POLLUTION, SMELL OF OIL, SMOKE AND DUST ORIGINATING FROM THE PLANT. IF THIS ORDER IS NOT ADHERED TO, EACH MEMBER OF THE FACTORY'S BOARD OF DIRECTORS WILL BE FINED 10,000 SWEDISH KRONOR, ACCORDING TO THIS ARTICLE.

SWEDEN

LESS SULFUR - BETTER ENVIRONMENT. A REPORT FROM THE COMMISSION ON MEASURES TO COUNTERACT NEGATIVE EFFECTS OF SULFUR EMISSIONS

SWEDEN. MINISTRY OF AGRICULTURE

PM(8)

SWEDISH

00/00/76 PGS 1-212

EPA
ID# 03798A

ALSO SE

CONSIDERING THE FACT THAT THE EXTENDED USE OF FOSSIL FUELS HAS CAUSED INCREASED POLLUTION FROM SULFUR DIOXIDE AND NITRIC ACID BOTH IN SWEDEN AND IN THE REST OF EUROPE, THE SWEDISH GOVERNMENT DECIDED TO SURVEY THE NEEDS FOR FURTHER PROVISIONS PROMPTED BY THIS SITUATION. THE RESULTING REPORT BY AN EXPERT COMMISSION DEALS WITH THE FOLLOWING SUBJECTS: POLLUTION CAUSED BY THE BURNING OF FOSSIL FUELS; EMISSION OF SULFUR INTO THE ATMOSPHERE IN SWEDEN AND ABROAD; THE DISTRIBUTION OF SULFUR POLLUTION; THE EFFECTS OF ACIDIFICATION; REDUCTION OF SULFUR EMISSIONS FROM OIL BURNING; ASPECTS OF ENERGY POLICY RELATED TO THE RELEASE OF SULFUR EMISSIONS; AND LIMEWASHING OF LAKES, RIVERS, AND PRECIPITATION AREAS IN ORDER TO COUNTERACT ACIDITY. THE COMMISSION RECOMMENDS A GRADUAL AUGMENTATION OF GEOGRAPHIC AREAS WHERE SULFUR IN INDUSTRIAL FUEL OIL WOULD BE LIMITED TO 1.0 AND SULFUR IN DOMESTIC FUEL OIL TO 0.3 PERCENTAGE BY WEIGHT, A DECREASE IN SULFUR EMISSIONS FROM THE PROCESSING INDUSTRY, AND A REDUCTION OF INDUSTRIAL FUEL OIL IN FAVOR OF NUCLEAR ENERGY.

SWEDEN

"AN IMPACTOR TO BE USED IN CONNECTION WITH THE LIB PROCEDURE FOR THE DETERMINATION OF PARTICLE CONCENTRATION IN AMBIENT AIR." IVL-SWEDISH WATER AND AIR POLL. RES. LAB. STEEN, BENGT, AND BO JOHANSSON

ST()

ENGLISH

03/00/76 PGS 1-13

EPA
ID# 03765A

A ONE-STAGE ACCESSORY IMPACTOR HAS BEEN CONSTRUCTED TO BE PLACED IN FRONT OF THE FILTER IN A LIB SAMPLER FOR THE COLLECTION OF PARTICLES IN AMBIENT AIR. ITS COLLECTION EFFICIENCY FOR DIFFERENT PARTICLE SIZES OF METHYLENE BLUE HAS BEEN DETERMINED BY MEANS OF A LIGHT-SCATTERING PARTICLE COUNTER IN FRONT OF AND BEHIND THE IMPACTOR. TESTS IN WHICH THE COLLECTION PLATE WAS COVERED WITH GREASE PROVED TO BE LESS EFFICIENT THAN WHEN THE PLATE WAS UNCOVERED. TESTS USING AEROSOLS NORMALLY PRESENT IN THE LABORATORY INDICATED THAT AGGLOMERATES COULD BE DASHED TO PIECES IN THE IMPACTOR RESULTING IN A HIGHER CONCENTRATION OF SMALL PARTICLES BEHIND THE IMPACTOR THAN IN FRONT OF IT. COMPLEMENTARY STUDIES OF THE DISINTEGRATION OF PARTICLE AGGLOMERATES AND THE USE OF DIFFERENT COVER MATERIALS FOR THE COLLECTION PLATE WILL BE NECESSARY BEFORE USING THE IMPACTOR FOR ROUTINE PURPOSES.

AIR

SWEDEN

ST()

"MEASUREMENT OF OZONE IN GOTHENBURG ... AND STUDIES OF CO-VARIATIONS BETWEEN OZONE AND OTHER AIR POLLUTANTS." IVL-SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
GRENNFELT, PERINGE
ENGLISH 01/00/75 PGS 1-34 ID# 03769A
EPA

THIS STUDY REPORTS ON MEASUREMENTS OF OZONE PERFORMED DURING THE PERIOD JANUARY 1972 TO AUGUST 1973 IN GOTHENBURG. INCREASED LEVELS OF OZONE WERE OCCASIONALLY OBSERVED. THE HIGHEST ONE-HOUR MEAN IN 1972 WAS 110 PPB AND IN 1973, 97 PPB. HIGH OZONE PEAK CONCENTRATIONS AT SAMPLING STATIONS IN AND AROUND GOTHENBURG COINCIDED IN TIME WITH INCREASED CONCENTRATIONS OF PARTICLE-BORNE SULFUR, AND IN MANY INSTANCES ALSO OF SOOT. PRECIPITATION OCCURRING AT THE TIME OF INCREASED OZONE CONCENTRATIONS WAS FOUND TO CONTAIN HIGH CONCENTRATIONS OF STRONG ACID.

SWEDEN

ST()

"INVESTIGATION OF LONG DISTANCE AIR-BORNE PARTICULATE MATTER DURING THE DECEMBER EPISODE 1972." IVL - SWEDISH WATER AND AIR RESEARCH LABORATORY
ANDREASSON, KENTH, AND OTHERS
ENGLISH 03/00/73 PGS 1-20 ID# 03770A
EPA

ALTHOUGH THE SOURCE OF BLACK AIR-BORNE PARTICLES, WHICH ARE OBSERVED RATHER FREQUENTLY IN SWEDEN, HAS BEEN TRACED, THEIR COMPOSITION AND PROPERTIES HAD NOT BEEN DETERMINED PRIOR TO THE DETAILED INVESTIGATION DESCRIBED IN THIS BOOKLET. THE PARTICLES WERE COLLECTED AND COUNTED ON THE WEST COAST. THE SAMPLES WERE THEN ANALYZED WITH RESPECT TO TOTAL MASS AS WELL AS TOTAL AND WATER SOLUBLE SULFATE AND IRON. LEACH SOLUTIONS OF THE SAMPLES WERE TITRATED AND THEIR CONCENTRATION OF ACID DETERMINED. ONE OF THE LEACH SOLUTIONS WAS ANALYZED WITH RESPECT TO MOST RELEVANT IONS. ON THE BASIS OF THIS ANALYSIS, A SYNTHETIC SOLUTION WAS PREPARED IN ORDER TO DETERMINE ACID. NO MEASUREABLE AMOUNT OF FREE STRONG ACID WAS FOUND. THE SOLUTION CONTAINED ACID, HOWEVER, DUE TO THE HYDROLYSIS OF THE IRON (III) AND THE ALUMINUM IONS. FOR THE ASSESSMENT OF THE EFFECT OF PARTICLES IN CONNECTION WITH THE ACIDIFICATION OF LAKES AND SOIL, IT IS PROBABLY NECESSARY TO DETERMINE THEIR CONTENT OF FREE STRONG ACID AS WELL AS WATER-SOLUBLE IRON (III) AND ALUMINUM SALTS.

SWEDEN

ST()

"THE SAMPLING EFFICIENCY OF TWO TYPES OF INLETS COMMONLY USED FOR THE SAMPLING OF AEROSOLS IN AMBIENT AIR." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
STEEN, BENGT, AND BO JOHANSSON
ENGLISH 02/00/75 PGS 1-27 ID# 03775A
EPA

THE SAMPLING EFFICIENCY OF THE INLETS USED IN CONNECTION WITH THE LIB PROCEDURE FOR MEASUREMENTS OF PARTICLE MASS CONCENTRATION AND THE OECD-METHOD FOR SMOKE MEASUREMENTS HAVE BEEN DETERMINED IN A WIND TUNNEL FOR DIFFERENT PARTICLE SIZES AND WIND SPEEDS. A TOP-SPINNING DISC AEROSOL GENERATOR HAS BEEN USED TO PRODUCE A POLYDISPERSE METHYLENE BLUE AEROSOL. THE CONCENTRATION OF DIFFERENT PARTICLE SIZE CLASSES IN THE AEROSOL HAS BEEN DETERMINED FOR EACH WIND SPEED BY MEANS OF OPTICAL MICROSCOPY AFTER SIMULTANEOUS SAMPLING ON THREE FILTERS USING THE OECD, THE LIB, AND AN ISOKINETIC INLET. THE SAMPLING EFFICIENCY HAD BEEN CALCULATED ASSUMING THAT THE TRUE VALUE WAS OBTAINED BY THE ISOKINETIC SAMPLER. THE SAMPLING EFFICIENCY OF THE LIB-INLET WAS FOUND TO BE PRACTICALLY 100 PERCENT FOR ALL WIND SPEEDS UP TO 10 M/S AND PARTICLES WITH EQUIVALENT AERODYNAMIC DIAMETERS BELOW 10 MICROMETERS. THE EFFICIENCY OF THE OECD-INLET WAS SIGNIFICANTLY LOWER THAN 100 PERCENT AND DECREASED WITH INCREASING WIND SPEED AND PARTICLE SIZE.

AIR

SWEDEN

"ACID PARTICULATE AIR POLLUTANTS IN SWEDEN." IVL - SWEDISH WATER AND AIR
POLLUTION RESEARCH LABORATORY
BROSSET, CYRIL
ENGLISH 02/00/75 PGS 1-39 EPA
ALSO PMB ID# 03781A

ST()

IT HAS BEEN ESTABLISHED THAT MORE OR LESS ACID AMMONIUM SULFATE AEROSOLS ARE EPISODICALLY ENTERING THE AIR OF SWEDEN. FOR THE MOST PART, THESE AEROSOLS ARE GENERATED BY EMISSIONS FROM REMOTE SOURCES AND TRANSPORTED TO SCANDINAVIA UNDER CERTAIN WEATHER CONDITIONS. THIS REPORT COVERS THE FOLLOWING RELATED SUBJECTS: SOOT AND SULFUR EPISODES; THE CHEMICAL NATURE OF THE PARTICLE-BORNE SULFUR; FORMATION MECHANISMS FOR BLACK AND WHITE SULFUR EPISODES; THE INTERACTION OF THE SULFUR EPISODES WITH THE LOCAL POLLUTION; CHANGE IN THE ACIDITY CONTENT IN PARTICLES DURING TRANSPORT OVER LAND; SYSTEMATIC MEASUREMENTS OF THE SULFUR CONCENTRATION IN PARTICLES IN SWEDEN; AND POSSIBLE DEPOSITION OF ACID AMMONIUM SULFATES IN THE RESPIRATORY TRACTS OF MAN. IT IS CONCLUDED THAT PARTICULATE POLLUTION, WHICH ARISES WHEN THE LONG DISTANCE TRANSPORTED AEROSOLS ARE MIXED WITH LOCAL EMISSIONS, IS INSUFFICIENTLY INVESTIGATED. THIS IS EVEN MORE THE CASE WITH REGARD TO HEALTH AND CORROSION EFFECTS CAUSED BY THE EPISODES IN QUESTION.

SWEDEN

"IS HYDROGEN SULFIDE A SUITABLE ODOR INDICATOR FOR RECOVERY FURNACES?"
IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
GRENNFELT, PERINGE, AND TOMAS LINDVALL
SWEDISH 12/00/74 PGS 1-12 EPA
ID# 03784A

ST()

IN RECENT SWEDISH EMISSION REGULATIONS FOR HYDROGEN SULFIDE FROM RECOVERY FURNACES OR KRAFT PULP MILLS, IT IS UNDERSTOOD THAT THIS COMPOUND IS THE DOMINATING ODORANT IN THE FLUE GASES AND THAT A CHANGE IN HYDROGEN SULFIDE CONCENTRATION ALSO WILL LEAD TO A CORRESPONDING CHANGE IN ODOR STRENGTH. HOWEVER, DIFFERENT LABORATORY INVESTIGATIONS SHOW THAT THE ODOR THRESHOLD CONCENTRATION OF PURE HYDROGEN SULFIDE MAY VARY MUCH MORE THAN THAT OF OTHER COMPOUNDS WITH A CORRESPONDING ODOR STRENGTH. IN FLUE GASES FROM RECOVERY FURNACES AND LIME KILNS THIS VARIATION IS STILL MORE PRONOUNCED. AT SOME RECOVERY FURNACES HYDROGEN SULFIDE CAN BE A SUITABLE ODOR INDICATOR, BUT IN SOME CASES ITS PROGNOSIS VALUE IS DOUBTFUL. FOR THE TIME BEING IT IS NECESSARY TO INVESTIGATE THE SPECIFIC RELATION BETWEEN THE FLUE GAS ODOR AND HYDROGEN SULFIDE BEFORE A PROGNOSIS CAN BE MADE.

AIR

SWITZERLAND

EMISSIONSKATASTER FUER MOTORFAHRZEUGE IN DER SCHWEIZ (EMISSIONS SURVEY MAPS
FOR MOTOR VEHICLES IN SWITZERLAND)

PM(B)

SWITZERLAND. FEDERAL OFFICE FOR ENVIRONMENTAL PROTECTION EPA
GERMAN 01/00/76 PGS 1-110 ID# 03824A

THIS PUBLICATION, SUBTITLED "EMISSIONS OF AIR POLLUTING SUBSTANCES FROM ROAD TRAFFIC - 1970," REPRESENTS WORK CARRIED OUT BY A PRIVATE FIRM UNDER CONTRACT TO THE FEDERAL OFFICE FOR ENVIRONMENTAL PROTECTION. IT CONTAINS STATISTICAL DATA ON THE QUANTITIES OF EXHAUST GASES EXPELLED BY MOTOR VEHICLES IN ROAD TRAFFIC IN SWITZERLAND, DIFFERENTIATED BY LOCATION AND TIME PERIOD. THE DATA FORM A PRELIMINARY STEP IN THE DEVELOPMENT OF A COMPREHENSIVE AND DETAILED SURVEY MAP OF AIR POLLUTION FROM MOBILE SOURCES. THE PUBLICATION COMPRISES THE FOLLOWING CHAPTERS: INTRODUCTION (PURPOSE AND SCOPE OF PROJECT); OCCURRENCE OF TRAFFIC IN MUNICIPAL AGGLOMERATIONS; OCCURRENCE OF TRAFFIC IN RURAL AREAS (MAJOR RURAL ROADS AND LAND PARCELS); CHARACTERISTICS OF EMISSIONS; EMISSIONS OF POLLUTANTS AND FUEL CONSUMPTION; AND COMPUTATION OF ERROR. APPENDIXES CONTAIN: A BIBLIOGRAPHY, COPY OF THE CONTRACT, EXPLANATION OF SYMBOLS, AND SIX MAPS. FOUR TECHNICAL SUPPLEMENTS, INCLUDING COMPUTER PROGRAMS, ARE AVAILABLE UPON REQUEST.

WHO

ST()

SELECTED METHODS OF MEASURING AIR POLLUTANTS. (WHO OFFSET PUBLICATION NO. 24)
WORLD HEALTH ORGANIZATION EPA
ENGLISH 00/00/76 PGS 1-112 ID# 03783A

THIS MANUAL, PUBLISHED UNDER THE JOINT SPONSORSHIP OF THE UNITED NATIONS ENVIRONMENT PROGRAMME AND THE WORLD HEALTH ORGANIZATION (WHO), WAS PREPARED AS PART OF WHO'S AIR POLLUTION MONITORING PROGRAM INITIATED IN LATE 1967. IT IS INTENDED TO BE USEFUL TO LABORATORY WORKERS ALL OVER THE WORLD. THE MANUAL CONSIDERS THE MOST WIDELY USED METHODS FOR ROUTINE MEASUREMENT OF PARTICULATE MATTER, SULFUR DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, AND OXIDANTS. ONE COMPARISON METHOD IS DESCRIBED FOR EACH. THE APPLICATION OF SOME OF THESE METHODS TO SPECIAL TYPES OF WORK IS ALSO DISCUSSED. FINALLY, THERE IS A GUIDE FOR PROCESSING AND REPORTING AIR POLLUTION DATA. NUMEROUS FIGURES AND CHARTS SUPPLEMENT THE TEXT.

GENERAL

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
BELGIUM. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES EPA

LR(B)

ENGLISH 00/00/75 PGS 1-91 ID# 033238
ALSO PMA
AIR WATER SOLID WASTE NOISE

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON BELGIAN ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03323A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: PUBLIC AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE AND VIBRATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE ORIGINAL DOCUMENT.

GENERAL

BRAZIL

LR(B)

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
 (FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. 1)
 BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
 ENGLISH* 06/00/75 PGS 3-153 ID# 03811A
 ALSO PMB, SE AND PMA/*ALSO SPANIS

THIS, THE FIRST VOLUME OF THE PROCEEDINGS OF THE BRAZILIAN NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, CONTAINS THE PAPERS DELIVERED BY REPRESENTATIVES FROM THE UNITED STATES, GREAT BRITAIN, MEXICO, JAPAN, CANADA, WHO, AND THE EUROPEAN COMMUNITIES ON THE STATE OF ENVIRONMENTAL PROTECTION AND THE ESTABLISHMENT OF ENVIRONMENTAL QUALITY CRITERIA IN THEIR RESPECTIVE COUNTRIES OR ORGANIZATIONS. SERVING AS AN INTRODUCTION TO THE SECOND VOLUME OF THE CONFERENCE PROCEEDINGS, WHICH CONTAINS THE PAPERS ON BRAZILIAN ENVIRONMENTAL PROBLEMS (SEE ID NO. 03811B), THE FIRST VOLUME IS TO SERVE AS A REFERENCE TOOL OFFERING GUIDELINES, COMPARISONS AND RECOMMENDATIONS WHICH CAN BE TAKEN INTO CONSIDERATION IN ENVIRONMENTAL PROTECTION PROGRAMS IN BRAZIL. (THE PAPERS IN THIS VOLUME REPORTING ON GREAT BRITAIN, MEXICO, JAPAN, AND THE EUROPEAN COMMUNITIES HAVE BEEN INDIVIDUALLY ABSTRACTED AND APPEAR UNDER THE APPROPRIATE COUNTRY HEADINGS.)

BRAZIL

PM(B)

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II
 (FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)
 BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
 PORTUGUESE 06/00/75 PGS 159-399 ID# 03811B
 ALSO LRB, PMA AND SE
 WATER AIR SOLID WASTE LAND USE

VOLUME II OF THE PROCEEDINGS OF THE FIRST BRAZILIAN CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT CONTAINS PAPERS BY BRAZILIAN ENVIRONMENTALISTS DISCUSSING ENVIRONMENTAL PROBLEMS IN BRAZIL AND THE MEASURES CURRENTLY UNDERWAY OR SUGGESTED TO REMEDY THEM. (VOLUME ONE, WHICH COMPILES PAPERS DELIVERED BY FOREIGN PARTICIPANTS, APPEARS AS ID NO. 03811A). THE INDIVIDUAL PROBLEMS OF WATER, AIR AND SOIL POLLUTION IN CERTAIN POPULATED AREAS OF BRAZIL ARE DISCUSSED AS WELL AS GENERAL BRAZILIAN PROBLEMS INVOLVING SOLID WASTE, LAND USE, DEVELOPMENT PLANNING, SOCIO-ECONOMIC EFFECTS OF ENVIRONMENTAL DETERIORATION AND THE FUTURE ADMINISTRATIVE AND TECHNICAL NEEDS FOR ENVIRONMENTAL PROTECTION. LAWS, PROGRAMS AND ACTIVITIES ON THE INTERNATIONAL, NATIONAL, STATE AND LOCAL LEVELS ARE DESCRIBED; THESE REFLECT BRAZIL'S APPROACH TO THE PROBLEM OF ENVIRONMENTAL PROTECTION AS A FEDERAL REPUBLIC IN WHICH ENVIRONMENTAL PROTECTION IS PRIMARILY THE RESPONSIBILITY OF STATE ORGANIZATIONS AS COORDINATED BY THE FEDERAL GOVERNMENT.

GENERAL

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

DENMARK, 1975 SUPPLEMENT

JENSEN, CLAUD HAGEN

EPA

LR(8)

ENGLISH

11/00/75 PGS 1-40

ID# 03327B

ALSO PMA

AIR

WATER

SOLID WASTE

RADIATION

TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN DENMARK PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03327A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; RADIATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

COMPARATIVE VOLUME. 1975 SUPPLEMENT

EPA

LR(8)

ENGLISH

00/00/75 PGS 1-44

ID# 03321B

AIR

WATER

SOLID WASTE

NOISE

RADIATION

TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT COMPARING ENVIRONMENTAL LAWS AND PRACTICES IN THE MEMBER STATES OF THE EUROPEAN COMMUNITIES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03321A). COMPARISONS ARE BASED ON LEGISLATIVE AND ADMINISTRATIVE DEVELOPMENTS AS DESCRIBED IN THE 1975 SUPPLEMENTS TO VOLUMES ON BELGIUM (03323B), DENMARK (03327B), FRANCE (03330B), THE FEDERAL REPUBLIC OF GERMANY (03322B), IRELAND (03328B), ITALY (03324B), LUXEMBOURG (03329B), THE NETHERLANDS (03326B), AND THE UNITED KINGDOM (03325B). AFFECTED ARE SECTIONS OF THE ORIGINAL COMPARATIVE REPORT COVERING: MEMBER STATES' AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE; RADIATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

EUROPEAN COMMUNITIES

"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN

COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. 1

SMEETS, J.

EPA

PM(8)

ENGLISH

06/00/75 PGS 19-30

ID# 03920A

ALSO SE

AIR

WATER

NOISE

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE ACTIVITIES OF THE EUROPEAN COMMUNITIES IN IMPLEMENTING AND ADMINISTERING ITS NOVEMBER 22, 1973 ACTION PROGRAM ON THE ENVIRONMENT. AN INTRODUCTORY DESCRIPTION OF THE EUROPEAN COMMUNITIES IS GIVEN AS WELL AS BACKGROUND INFORMATION LEADING UP TO THE ESTABLISHMENT OF THE ACTION PROGRAM ON THE ENVIRONMENT. THE PROGRAM REQUIRES HARMONIZATION OF LEGISLATION AND OF MEASURES TO BE TAKEN BY THE NINE MEMBER COUNTRIES AND LAYS DOWN REQUIREMENTS FOR MEMBER CONTACT WITH NON-MEMBER COUNTRIES AND INTERNATIONAL AGENCIES ON ENVIRONMENTAL MATTERS. CURRENT ACTIONS AND PROPOSALS FOR THE IMPLEMENTATION OF THE PROGRAM ARE DESCRIBED, INCLUDING ADMINISTRATIVE PROCEDURES, ADOPTION OF THE POLLUTER PAYS PRINCIPLE, JOINT ENVIRONMENTAL RESEARCH, DISSEMINATION OF KNOWLEDGE AND THE SETTING OF STANDARDS FOR AIR, WATER, AND SPECIFIED POLLUTANTS.

GENERAL

FRANCE

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
FRANCE. 1975 SUPPLEMENT

LR(B)

ENGLISH
ALSO PMA
AIR

00/00/75 PGS 1-37

EPA
ID# 033308

WATER SOLID WASTE NOISE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON FRENCH ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03330A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: GOVERNMENTAL AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS AND WATERS USED FOR WATER SUPPLY; DEPOSIT OF WASTES ON LAND; NOISE AND VIBRATION; AND NUCLEAR ENERGY. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GERMANY, FED REP OF

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
GERMANY. 1975 SUPPLEMENT

LR(B)

ENGLISH
AIR

00/00/75 PGS 1-9

EPA
ID# 033228

WATER SOLID WASTE NOISE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN THE FEDERAL REPUBLIC OF GERMANY PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03322A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE POLLUTION; AND RADIATION. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GERMANY, FED REP OF

FIFTH REPORT OF THE FEDERAL GOVERNMENT ON RESEARCH
GERMANY, FED REP OF. MINISTRY FOR RESEARCH AND TECHNOLOGY
ENGLISH 00/00/76 PGS 1-40 EPA
ID# 03782A

PM(B)

THE PURPOSE OF THIS PUBLICATION IS TO SHOW HOW RESEARCH POLICY, AS PART OF TOTAL GOVERNMENT POLICY, CAN HELP SOLVE CURRENT AND FUTURE SOCIAL PROBLEMS. SECTION 2 OF PART 3 ("PRIORITIES OF RESEARCH PROMOTION") CONTAINS A DISCUSSION OF RESEARCH OBJECTIVES IN ENVIRONMENTAL PLANNING AND ENGINEERING. SPECIFIC PARTS OF THE DISCUSSION DEAL WITH PLANS IN THE AREAS OF: NATURE AND THE COUNTRYSIDE; WASTE DISPOSAL; AIR AND NOISE; WATER; ENERGY AND THE ENVIRONMENT; AND PHYSICAL PLANNING AND URBAN DEVELOPMENT. PARTS 1 AND 2 OF THE PUBLICATION TREAT GENERAL RESEARCH AIMS IN ALL AREAS, INCLUDING THE ENVIRONMENT, AND THE DIVISION OF LABOR AND COOPERATION IN THE PROMOTION OF RESEARCH BY GOVERNMENT, SCIENCE AND INDUSTRY.

GENERAL

GERMANY, FED REP OF

"INDUSTRY DOES RESEARCH FOR ENVIRONMENTAL PROTECTION." SUEDEDEUTSCHE
ZEITUNG
SCHNEIDER, CHRISTIAN
GERMAN

EPA

SE()

05/17/76 PGS 20

ID# 03789A

THE CHEMICAL INDUSTRY IN THE FEDERAL REPUBLIC OF GERMANY SPENT ABOUT TWO BILLION MARKS FOR ENVIRONMENTAL PROTECTION IN 1974 COMPARED TO ONLY 300 MILLION MARKS IN 1964, ACCORDING TO THE PRESIDENT OF THE ASSOCIATION OF THE CHEMICAL INDUSTRY SPEAKING AT THE ORGANIZATION'S THIRD ENVIRONMENTAL FORUM IN MUNICH. ABOUT ONE-FOURTH OF THE INDUSTRY'S RESEARCH BUDGET IS SPENT SEEKING ENVIRONMENTALLY NEUTRAL PRODUCTS AND PRODUCTION PROCEDURES. THE PRESIDENT ADVOCATED TAX ADVANTAGES FOR INVESTMENTS IN ENVIRONMENTAL PROTECTION AND FAVORED ENVIRONMENTAL MEASURES TAKEN UNIFORMLY AT THE EUROPEAN LEVEL TO PREVENT INEQUITIES IN INTERNATIONAL COMPETITION. AT THE SAME FORUM, THE BAVARIAN MINISTER FOR LAND DEVELOPMENT AND ENVIRONMENTAL QUESTIONS STATED THAT BAVARIAN ENVIRONMENTAL POLICY ATTEMPTS TO ACHIEVE STEADY PROGRESS WITHIN THE REALM OF ECONOMICALLY REALIZABLE GOALS. HE NOTED THAT STRICT GERMAN ENVIRONMENTAL LAWS AFFORD GERMAN INDUSTRY AN OPPORTUNITY TO INCREASE MARKETS BY DEVELOPING NEW TECHNOLOGIES AND PRODUCTION PROCESSES.

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

EPA

LR(8)

ENGLISH 00/00/75 PGS 1-107

ID# 033258

ALSO PMA

AIR

WATER

SOLID WASTE NOISE

RADIATION

TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN THE UNITED KINGDOM PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03325A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE POLLUTION; NUCLEAR ENERGY; AND PRODUCT CONTROL. ENVIRONMENTALLY RELEVANT SECTIONS OF THE HEALTH AND SAFETY AT WORK ACT 1974 ARE COVERED IN SOME DETAIL. APPENDED ARE GUIDELINES PRESENTING THE "BEST PRACTICABLE MEANS" FOR THE CONTROL OF POLLUTION FROM: PVC POLYMER PLANTS; LEAD WORKS; ELECTRICITY WORKS; SYNTHETIC NITRIC ACID PLANTS; CRUDE OIL REFINERIES; CHINA CLAY PLANTS; AND DI-ISOCYANATE WORKS. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GENERAL

IRELAND ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT
 LR(B) ENGLISH 00/00/75 PGS 1-9 ID# 033288
 ALSO PMA
 WATER NOISE PESTICIDES

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON IRISH ENVIRONMENTAL LAWS AND PRACTICES PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03328A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: IRELAND'S AUTHORITIES AND POLLUTION CONTROL; POLLUTION OF INLAND WATERS; POLLUTION BY NOISE AND VIBRATION; AND POLLUTION BY PRODUCTS SUCH AS WEEDKILLERS AND DETERGENTS. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

ITALY LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 ITALY. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-22 ID# 033248
 AIR WATER SOLID WASTE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN ITALY PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03324A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: GOVERNMENTAL AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF MARINE WATERS; DEPOSIT OF WASTES ON LAND; RADIATION; AND PRODUCT CONTROL. SPECIAL EMPHASIS IS GIVEN TO REGIONAL LEGISLATIVE, REGULATORY AND ADMINISTRATIVE MEASURES. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

LUXEMBURG LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 LUXEMBOURG. 1975 SUPPLEMENT

J. M. DIDIER & ASSOCIATES
 LR(B) ENGLISH 00/00/75 PGS 1-63 ID# 033298
 ALSO PMA
 AIR WATER NOISE RADIATION TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON LUXEMBOURG ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03329A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: PUBLIC AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; NOISE AND VIBRATION; NUCLEAR ENERGY; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GENERAL

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 NETHERLANDS. 1975 SUPPLEMENT
 LANGELAAR, K.
 ENGLISH 00/00/75 PGS 1-132 EPA
 ID# 033268
 ALSO PMA
 AIR WATER SOLID WASTE NOISE

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS REPORT UPDATES TO OCTOBER 31, 1975 THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAW AND PRACTICES IN THE NETHERLANDS PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 03326A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: AUTHORITIES AND POLLUTION CONTROL, ESPECIALLY THE SUBSECTION DEALING WITH JURISDICTION AND PROVISIONS AGAINST DECISIONS OF THE GOVERNMENT; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE CONTROL; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

ROMANIA

"ENVIRONMENTAL PROTECTION NECESSARY FEATURE OF ECONOMIC GROWTH." REVISTA
 ECONOMICA, NO. 12
 IANCU, AUREL
 ROMANIAN 03/26/76 PGS 18-20 EPA
 ID# 03819A
 ALSO SE

ENVIRONMENTAL PROTECTION IS TO BE TREATED AS AN INTEGRAL PART OF ECONOMIC AND SOCIAL GROWTH AND PLANNING IN ROMANIA, ACCORDING TO THIS ARTICLE. LONG-RANGE ENVIRONMENTAL PLANNING WAS ONE OF THE OBJECTIVES SPECIFIED BY THE ELEVENTH CONGRESS OF THE ROMANIAN COMMUNIST PARTY. ABOUT 40 BILLION LEI WILL BE SPENT ON ENVIRONMENTAL TASKS IN THE YEARS 1976-1980. THIS EQUALS 11 PERCENT OF THE NATIONAL INCOME FOR 1975 OR 6.6 PERCENT OF THE INCOME ANTICIPATED FOR 1980. THE ARTICLE DESCRIBES PAST AND PLANNED EFFORTS FOR IMPROVEMENT IN THE CONSERVATION OF RAW MATERIALS AND ENERGY AND PROTECTION OF WATER, SOIL AND TIMBER. IT ALSO DISCUSSES TECHNOLOGICAL IMPROVEMENTS IN REDUCING POLLUTION IN CERTAIN BRANCHES OF INDUSTRY. THE LEGAL AND REGULATORY PROVISIONS FOR CONTROLLING POLLUTION ARE BRIEFLY MENTIONED. THE NATIONAL COUNCIL FOR THE PROTECTION OF THE ENVIRONMENT AND COUNTY ENVIRONMENTAL COMMISSIONS COORDINATE AND GUIDE NATIONAL EFFORTS. (AN ENGLISH TRANSLATION OF THE ARTICLE IS ATTACHED.)

GENERAL

SCANDINAVIA

"ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET

LR(B)

EPA
 SWEDISH 05/16/76 PGS 15 ID# 03806A
 AIR WATER NOISE SOLID WASTE

DENMARK, NORWAY, SWEDEN, AND FINLAND HAVE NOW RATIFIED THE NORDIC ENVIRONMENTAL CONVENTION, WHICH STIPULATES THAT AN EXAMINING AUTHORITY, BEFORE GRANTING A PERMIT FOR AN ENVIRONMENTALLY DETRIMENTAL ACTIVITY MUST CONSIDER POSSIBLE NUISANCE NOT ONLY IN ITS OWN COUNTRY BUT ALSO IN A NEIGHBORING NORDIC NATION. A CITIZEN OF ONE NORDIC NATION WILL ALSO BE ABLE TO PROTECT HIMSELF AGAINST SUCH ACTIVITIES IN ANOTHER NORDIC NATION. THE CONVENTION CONCERNS: DISCHARGE OF LIQUID OR SOLID WASTE, GAS OR OTHER SUBSTANCE FROM SOIL OR FACILITIES INTO WATERCOURSES, LAKES, OR SEAS; WATER AND AIR POLLUTION; NOISE; VIBRATION; TEMPERATURE CHANGES; IONIZED RADIATION; AND LIGHT. THE CONVENTION IS ALSO IN EFFECT ON THE PARTICIPATING COUNTRIES' CONTINENTAL SHELF AREAS. EACH COUNTRY WILL APPOINT A CONTROLLING AUTHORITY WHOSE TASK IT IS TO GUARD AGAINST DISTURBANCE FROM ENVIRONMENTALLY DETRIMENTAL ACTIVITIES IN THE NEIGHBORING COUNTRIES. ICELAND DID NOT TAKE PART IN THE CONVENTION.

SWEDEN

"SLIME CONTROL AGENTS IN SWEDISH PAPER INDUSTRY." IVL - SWEDISH WATER AND AIR
 POLLUTION RESEARCH LABORATORY

ST()

LANDNER, LARS, AND OTHERS
 SWEDISH 02/00/76 PGS 1-81 ID# 03810A
 ALSO PMB

THIS MONOGRAPH DESCRIBES THE HEALTH HAZARDS AND ENVIRONMENTAL EFFECTS CAUSED BY SLIME CONTROL AGENTS AND IDENTIFIES INFORMATION GAPS IN THIS FIELD. IT ALSO CONTAINS AN INVENTORY OF SCIENTIFIC DOCUMENTATION. CHAPTERS COVER THE FOLLOWING: RANGE OF APPLICATION, DOSAGE AND MANNER OF ACTION; SLIME CONTROL AGENTS; UTILIZED PRODUCTS AND CONSUMPTION; ACTIVE COMPONENTS, AUXILIARY CHEMICALS, SOLVENTS, AND POLLUTANTS; DEGREE OF DEGRADATION AND PRODUCTS OF DEGRADATION; DOCUMENTATION OF HEALTH HAZARDS AND ENVIRONMENTAL EFFECTS; PRESENT LEGISLATION, ORDINANCE OR RECOMMENDATION; A SUMMARY OF VIEWPOINTS; GAPS IN INFORMATION AND NEED FOR RESEARCH. REFERENCES AND A LIST OF SLIME CONTROL AGENTS ARE ALSO INCLUDED.

LAND USE

BRAZIL

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II
 (FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)
 BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA

PM(B)

PORTUGUESE 06/00/75 PGS 159-399 ID# 03811B
 ALSO LRB, PMA AND SE
 *GENERAL WATER AIR SOLID WASTE

LAND USE

FRANCE

"LITTORAL CONSERVANCY TO PURCHASE COAST SITES FOR THEIR PROTECTION."

LE FIGARO

LONGIN, GILLES

FRENCH

EPA

PM(B)

06/02/76 PGS 12

ID# 03793A

THIS ARTICLE DISCUSSED THE ROLE OF THE LITTORAL CONSERVANCY AS ESTABLISHED BY THE JULY 10, 1976 LAW AND THE DECEMBER 11, 1975 DECREE. THE CREATION OF THE CONSERVANCY MARKS AN ATTEMPT BY THE FRENCH GOVERNMENT TO PREVENT THE DEGRADATION OF THE FRENCH SHORELINE THROUGH THE PUBLIC PURCHASE OF BOTH SEASHORE AND LAKESIDE PROPERTY. THE INNOVATIVE CHARACTER OF THE CONSERVANCY RESTS ON THE LEGISLATIVE PROVISION WHICH STIPULATES THAT THE MANAGEMENT OF CONSERVANCY-PURCHASED LANDS BE CARRIED OUT BY THE LOCAL AUTHORITIES, WITH THE ULTIMATE OBJECTIVE OF PROTECTING LITTORAL AREAS FROM ANY INJUDICIOUS USE WITH RESPECT TO THE ENVIRONMENT. THE ARTICLE FURTHER REPORTS ON THE ELECTION OF ROBERT POUJADE, THE FIRST FRENCH ENVIRONMENTAL MINISTER, AS PRESIDENT OF THE CONSERVANCY'S ADMINISTRATIVE COUNCIL. THE COUNCIL CONVENED FOR THE FIRST TIME ON MAY 31 IN ROCHEFORT-SUR-MER (CHARENTE-MARITIME), WHERE THE HEADQUARTERS OF THE ORGANIZATION IS LOCATED.

GERMANY, FED REP OF

"NATURE PROTECTION IS EXPANDED." SUEDEDEUTSCHE ZEITUNG

EPA

LR(B)

GERMAN

06/04/76 PGS 1

ID# 03796A

A NEW FEDERAL NATURE PROTECTION LAW HAS BEEN PASSED BY THE FEDERAL DIET OF THE FEDERAL REPUBLIC OF GERMANY TO REPLACE THE EXISTING 1935 LAW. THE LAW ESTABLISHES FEDERALLY UNIFORM FRAMEWORK PROVISIONS TO BE SUPPLEMENTED BY LAWS OF THE FEDERAL STATES. THE GOAL OF THE LAW IS TO ENSURE PROTECTION OF ALL NATURE FROM THE HARMFUL INFLUENCES OF TECHNICAL DEVELOPMENT, WHEREAS THE PREVIOUS LAW HAD SPECIFIED PROTECTION OF PARTICULARLY VALUABLE ELEMENTS OF NATURE. AMONG OTHER THINGS, THE NEW LAW PROVIDES THAT LANDSCAPE PLANNING BE MORE CLOSELY COORDINATED WITH LAND PLANNING AND DEVELOPMENT. FOR EXAMPLE, THE PROVISIONS RELATING TO GRAVEL PITS AND OPEN-PIT MINING HAVE BEEN INCREASED IN STRINGENCY AND THE PROVISIONS FOR THE ESTABLISHMENT OF NATURE PROTECTION AREAS HAVE BEEN MADE MORE EXACT.

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...

THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.

EPA

PM(B)

ENGLISH

06/00/75 PGS 41-51

ID# 03804A

ALSO LRB, PMA AND SE

*WATER

AIR

SOLID WASTE NOISE

RADIATION

NOISE

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

BELGIUM. 1975 SUPPLEMENT

J. M. DIDIER & ASSOCIATES

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-91

ID# 03323B

ALSO PMA

*GENERAL

AIR

WATER

SOLID WASTE

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

COMPARATIVE VOLUME. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-44

ID# 03321B

*GENERAL

AIR

WATER

SOLID WASTE RADIATION

TOXIC SUBS

EUROPEAN COMMUNITIES

"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN

COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
SMEETS, J.

EPA

PM(B)

ENGLISH

06/00/75 PGS 19-30

ID# 03920A

ALSO SE

*GENERAL

AIR

WATER

FRANCE

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

FRANCE. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-37

ID# 03330B

ALSO PMA

*GENERAL

AIR

WATER

SOLID WASTE RADIATION

GERMANY, FED REP OF

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

GERMANY. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-9

ID# 03322B

*GENERAL

AIR

WATER

SOLID WASTE RADIATION

NOISE

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-107

EPA
ID# 033258

AIR

WATER

SOLID WASTE

RADIATION

TOXIC SUBS

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...
THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. V. 1
BEDDOE, J. E.

PM(B)

ENGLISH
ALSO LRB, PMA AND SE
*WATER

06/00/75 PGS 41-51

EPA
ID# 03804A

AIR

LAND USE

SOLID WASTE

RADIATION

IRELAND

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-9

EPA
ID# 033288

WATER

PESTICIDES

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
LUXEMBOURG. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-63

EPA
ID# 033298

AIR

WATER

RADIATION

TOXIC SUBS

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, K.

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-132

EPA
ID# 033268

AIR

WATER

SOLID WASTE

NOISE

NORWAY

"NOISE REGULATIONS IN OSLO WILL BECOME NATIONAL STANDARDS." AFTENPOSTEN

EPA

LR(B)

NORWEGIAN

05/18/76 PGS 1, 18

ID# 03803A

THE BUREAU OF HEALTH HAS RELEASED A DRAFT FOR NATIONAL NOISE STANDARDS BASED ON THE REGULATIONS ALREADY IN EFFECT SINCE THE FALL OF 1975 IN THE CITY OF OSLO. IT IS RECOMMENDED THAT THE STANDARDS BECOME EFFECTIVE AS OF JUNE 1, 1977. ACCORDING TO THIS ARTICLE. ONLY NOISE ORIGINATING FROM CHURCH BELLS AND WARNING SYSTEMS WILL BE EXEMPT FROM THE RULES. IT IS POINTED OUT, HOWEVER, THAT INDUSTRIAL NOISE IS ALREADY COVERED BY THE SMOKE CONTROL COUNCIL'S REGULATIONS CONCERNING AIR POLLUTION.

NORWAY

"PLAN FOR REDUCTION OF NOISE IN OSLO READY AT NEW YEAR." AFTENPOSTEN

EPA

PM(B)

NORWEGIAN

05/13/76 PGS 12

ID# 03813A

A FINAL REPORT CONTAINING SUGGESTIONS ON HOW TO CONTROL TRAFFIC NOISE IN OSLO IS EXPECTED TO BE PUBLISHED AT THE TURN OF THE YEAR. ITS PURPOSE IS TO PRESENT POSSIBILITIES AND COSTS INVOLVED IN REDUCING THE NOISE LEVEL FOR ABOUT 43,000 OF THE CITY'S RESIDENTS. INSULATION OF WINDOWS, REORGANIZATION OF TRAFFIC PATTERNS, AND INSTALLATION OF NOISE-RESTRICTING WALLS AND SCREENS WILL BE SUGGESTED MEANS, ACCORDING TO A SPOKESMAN FOR THE COMMITTEE WHICH HAS STUDIED THIS PROBLEM. IT IS POINTED OUT THAT APPROXIMATELY 4,000 PEOPLE LIVE IN 2,000 APARTMENTS WHERE THE NOISE LEVEL EXCEEDS 75 DECIBELS (A). 15,000 PEOPLE LIVE IN AREAS WITH A NOISE LEVEL BETWEEN 70-75 DECIBELS (A). AND 23,000 TO 24,000 LIVE IN AREAS WHERE THE NOISE LEVEL IS 65-70 DECIBELS (A). COST ESTIMATES FOR THE SUGGESTED MEASURES WERE NOT RELEASED, BUT IT IS HOPED THAT THEY WILL BE FINANCED THROUGH FUNDS ALLOCATED FROM THE GOVERNMENT AND THE CITY OF OSLO.

SCANDINAVIA

"ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSELADET

EPA

LR(B)

SWEDISH

05/16/76 PGS 15

ID# 03806A

*GENERAL

AIR

WATER

SOLID WASTE

SWITZERLAND

"PRESENTATION OF 'ENVIRONMENT 72' AWARD." JOURNAL DE GENEVE

EPA

PM(B)

FRENCH

06/10/76 PGS 11

ID# 03805A

THE SWISS ANTI-NOISE LEAGUE, THE DIRECTOR OF THE ACOUSTICAL SECTION OF THE FEDERAL LABORATORY FOR THE TESTING OF MATERIALS, AND THE CITY OF LAUSANNE WERE ALL THREE CHOSEN AS RECIPIENTS OF THE "ENVIRONMENT 72" AWARD ON JUNE 9, 1976. CREATED IN 1972 BY THE SWISS BANQUE DE PARIS ET DES PAYS-BAS SA, THE AWARD IS PRESENTED BI-ANNUALLY IN RECOGNITION OF SIGNIFICANT ACHIEVEMENTS IN THE FIELD OF ENVIRONMENTAL PROTECTION. ACHIEVEMENTS IN THE AREA OF NOISE CONTROL WERE MORE SPECIFICALLY HIGHLIGHTED IN THIS YEAR'S PRESENTATION OF THE 100,000 FRANCS AWARD. A BRIEF REVIEW OF THE RECIPIENTS ACCOMPLISHMENTS IS INCLUDED IN THE ARTICLE.

PESTICIDES

IRELAND

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT

LR(B)

ENGLISH 00/00/75 PGS 1-9 ID# 03328B
 ALSO PMA
 *GENERAL WATER NOISE

WHO

SAFETY EVALUATION OF CHEMICALS IN FOOD: TOXICOLOGICAL DATA PROFILES FOR
 PESTICIDES. CARBAMATE AND ORGANOPHOSPHORUS INSECTICIDES USED IN AGRICULTURE AND PUBLIC HEALTH
 VETTORAZZI, G., AND P. MILES-VETTORAZZI

ST()

ENGLISH 00/00/75 PGS 1-61 ID# 03766A
 ALSO PMB
 TOXIC SUBS

THIS PUBLICATION PRESENTS A SYSTEMATIC CLASSIFICATION OF AVAILABLE SOURCES OF DATA ON PESTICIDE TOXICITY, INTENDED TO BE OF VALUE TO INDIVIDUALS OR GROUPS INVOLVED IN TOXICOLOGICAL EVALUATION OF PESTICIDES. THE WORK CONTAINS A NUMBERED LIST OF OVER 1000 TITLES ("REFERENCES," PP 13-61). THESE NUMBERS ARE CODED TO TABLE 1, WHICH INDEXES THE REFERENCES BY COMPOUND AND SUBJECT. TABLE 2 GIVES FIGURES FOR RECOMMENDED ACCEPTABLE DAILY INTAKES OF THE PESTICIDES CONTAINED IN TABLE 1. A NINE-PAGE INTRODUCTION EXPLAINS: 1) THE BACKGROUND AND WORK OF THE FOOD AND AGRICULTURE ORGANIZATION AND WORLD HEALTH ORGANIZATION GROUPS WORKING WITH PESTICIDE RESIDUES, 2) THE PROCESS BY WHICH TOXICITY IS ASSESSED, AND 3) THE WAY IN WHICH SCIENTIFIC INFORMATION IS USED TO ARRIVE AT DECISIONS. THE PUBLICATION IS NO. 3 IN THE PROGRESS IN STANDARDIZATION SERIES.

RADIATION

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

DENMARK. 1975 SUPPLEMENT

JENSEN, CLAUD HAGEN

LR(B) .

ENGLISH 11/00/75 PGS 1-40 ID# 03327B
 ALSO PMA
 *GENERAL AIR WATER SOLID WASTE TOXIC SUBS

RADIATION

EUROPEAN COMMUNITIES LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
COMPARATIVE VOLUME. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-44 EPA
*GENERAL AIR WATER SOLID WASTE NOISE TOXIC SUBS

FRANCE LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
FRANCE. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-37 EPA
ALSO PMA ID# 033308
*GENERAL AIR WATER SOLID WASTE NOISE

GERMANY, FED REP OF LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
GERMANY. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-9 EPA
*GENERAL AIR WATER SOLID WASTE NOISE ID# 033228

GERMANY, FED REP OF "RADIATION PROTECTION ORDINANCE INCREASED IN STRINGENCY." SUEDEDEUTSCHE
ZEITUNG

LR(B) GERMAN 06/03/76 PGS 7 EPA
ID# 03794A

THE FEDERAL CABINET HAS ADOPTED A NEW RADIATION PROTECTION ORDINANCE, WHICH IS NOW TO BE SUBMITTED TO THE FEDERAL COUNCIL (UPPER PARLIAMENTARY HOUSE). THE ORDINANCE, ISSUED PURSUANT TO THE ELECTRICITY LAW, COMBINES PROVISIONS FROM LEGISLATION OF 1960 AND 1965 AND CONTAINS SOME MORE STRINGENT REGULATIONS. IT REDUCED THE MAXIMUM PERMISSIBLE EXPOSURE TO RADIATION OF INDIVIDUALS IN THE AREA OF NUCLEAR FACILITIES BY ABOUT SIX PERCENT. IT LIMITS THE PERMISSIBLE "TOTAL BODY DOSE" OF RADIATION FOR OCCUPATIONALLY EXPOSED PERSONS TO FIVE "REM" PER YEAR. ("REM" INDICATES THE EFFECTS OF RADIATION ON HUMAN BEINGS.) THE ORDINANCE INCREASES THE STRINGENCY OF RULES FOR THE REMOVAL OF RADIOACTIVE WASTES AND FOR THE PROTECTION OF MAINTENANCE AND SERVICE PERSONNEL IN NUCLEAR FACILITIES. IT MAKES MANDATORY THE PREPARATION OF PLANS FOR DEALING WITH DISTURBANCES OF NORMAL OPERATIONS. FINALLY THE ORDINANCE PROVIDES FOR PROTECTION AGAINST DISTURBANCES BY THIRD PERSONS DURING THE HANDLING AND TRANSPORT OF RADIOACTIVE SUBSTANCES.

RADIATION

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(8)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-107

EPA
ID# 03325B

AIR

WATER

SOLID WASTE

NOISE

TOXIC SUBS

GREAT BRITAIN

CODE OF PRACTICE FOR THE CARRIAGE OF RADIOACTIVE MATERIALS BY ROAD
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

LR(A)

ENGLISH

00/00/75 PGS 1-88

EPA
ID# 03809A

THIS CODE OF PRACTICE SETS FORTH THE MINIMUM PRECAUTIONS AND CONTROL MEASURES TO BE APPLIED TO AVOID INJURY TO HEALTH FROM IONIZING RADIATIONS IN THE TRANSPORT OF RADIOACTIVE MATERIALS BY ROAD IN GREAT BRITAIN. GENERALLY CONFORMING TO INTERNATIONAL STANDARDS, THIS CODE CONSIDERS SHIPMENTS OF RADIOACTIVE MATERIAL IN FOUR CLASSES: 1) UNLABELLED EXEMPT PACKAGES WITH SMALL, HARMLESS QUANTITIES OF RADIOACTIVE MATERIAL; 2) ROUTINE WHITE AND YELLOW LABELLED PACKAGES CONTAINING LOW SPECIFIC ACTIVITY MATERIAL FOR WHICH MINIMUM PRECAUTIONS MUST BE TAKEN TO PREVENT THE ESCAPE OF RADIOACTIVE MATERIAL; 3) CERTAIN MATERIALS OF LOW SPECIFIC RADIOACTIVITY AND LOW LEVEL SOLID RADIOACTIVE MATERIALS WHICH MUST BE SHIPPED ALONE AS ONE LOAD; AND 4) SPECIALLY APPROVED SHIPMENTS CONTAINING MORE DANGEROUS MATERIALS REQUIRING APPROVAL BY THE SECRETARY OF STATE FOR THE ENVIRONMENT AND/OR COMPETENT FOREIGN AUTHORITIES. THE DUTIES OF CONSIGNORS, CARRIERS, DRIVERS AND ANYONE ELSE DEALING WITH THE TRANSPORT OF SUCH MATERIALS BY ROAD ARE DELINEATED.

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...
THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.

PM(8)

ENGLISH

06/00/75 PGS 41-51

EPA
ID# 03804A

ALSO LRB, PMA AND SE

*WATER

AIR

LAND USE

SOLID WASTE

NOISE

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
ITALY. 1975 SUPPLEMENT

LR(8)

ENGLISH
*GENERAL

00/00/75 PGS 1-22

EPA
ID# 03324B

AIR

WATER

SOLID WASTE

RADIATION

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

LUXEMBOURG. 1975 SUPPLEMENT

J. M. DIDIER & ASSOCIATES

LR(B)

ENGLISH

00/00/75 PGS 1-63

EPA

ID# 03329B

ALSO PMA

*GENERAL

AIR

WATER

NOISE

TOXIC SUBS

SWITZERLAND

"REDUCTION OF RADIATION PROTECTION THRESHOLDS." NEUE ZUERCHER ZEITUNG

EPA

LR(B)

GERMAN

07/01/76 PGS 24

ID# 03791A

SWITZERLAND'S FEDERAL COUNCIL HAS ADOPTED A NEW RADIATION PROTECTION ORDINANCE TO BECOME EFFECTIVE AUGUST 1, 1976, WHICH CONFORMS TO THE RECOMMENDATIONS OF THE INTERNATIONAL COMMISSION FOR RADIATION PROTECTION. IT REPLACES AN ORDINANCE FROM 1963. THE NEW ORDINANCE CONTAINS THE FOLLOWING NEW PROVISIONS: 1) EXPOSURE THRESHOLDS ARE SET FOR PERSONS NOT OCCUPATIONALLY INVOLVED WITH RADIOACTIVE MATERIALS, 2) PERSONS UNDER 16 YEARS OLD MAY NOT BE EMPLOYED IN FACILITIES IN WHICH THEY COULD BE EXPOSED TO RADIATION, 3) THE EXPOSURE LEVEL OF OCCUPATIONALLY EXPOSED PERSONS IS TO BE REPORTED YEARLY TO THE FEDERAL HEALTH OFFICE, 4) THE FEDERAL INTERIOR DEPARTMENT IS TO ISSUE UNIFORM REGULATIONS FOR X-RAYING, 5) THE MAXIMUM LEVELS OF DISCHARGE FOR GASEOUS AND LIQUID RADIOACTIVE SUBSTANCES FROM FACILITIES HAVE BEEN SET 10 TIMES LOWER THAN THE PREVIOUS LEVEL, AND 6) RADIOACTIVE SUBSTANCES HAVE BEEN DIVIDED INTO NINE INSTEAD OF THE PREVIOUS FOUR POISONOUS CLASSES.

SOLID WASTE

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.

BELGIUM. 1975 SUPPLEMENT

J. M. DIDIER & ASSOCIATES

LR(B)

ENGLISH

00/00/75 PGS 1-91

EPA

ID# 03323B

ALSO PMA

*GENERAL

AIR

WATER

NOISE

SOLID WASTE

BRAZIL

PM(B)

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II
 (FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)
 BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
 PORTUGUESE 06/00/75 PGS 159-399 ID# 038118
 ALSO LRB, PMA AND SE
 *GENERAL WATER AIR LAND USE

DENMARK

LR(B)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 DENMARK. 1975 SUPPLEMENT
 JENSEN, CLAUD HAGEN EPA
 ENGLISH 11/00/75 PGS 1-40 ID# 033278
 ALSO PMA
 *GENERAL AIR WATER RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES

LR(B)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 COMPARATIVE VOLUME. 1975 SUPPLEMENT
 ENGLISH 00/00/75 PGS 1-44 ID# 033218
 *GENERAL AIR WATER NOISE RADIATION TOXIC SUBS

FRANCE

LR(B)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 FRANCE. 1975 SUPPLEMENT
 ENGLISH 00/00/75 PGS 1-37 ID# 033308
 ALSO PMA
 *GENERAL AIR WATER NOISE RADIATION

GERMANY, FED REP OF

LR(B)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 GERMANY. 1975 SUPPLEMENT
 ENGLISH 00/00/75 PGS 1-9 ID# 033228
 *GENERAL AIR WATER NOISE RADIATION

SOLID WASTE

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-107

EPA
ID# 03325B

AIR

WATER

NOISE

RADIATION

TOXIC SUBS

GREAT BRITAIN

THE LICENSING OF WASTE DISPOSAL SITES. WASTE MANAGEMENT PAPER NO. 4
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT
ENGLISH 00/00/76 PGS 1-59 EPA
ID# 03829A

LR(B)

THIS PUBLICATION, PREPARED AS WASTE MANAGEMENT PAPER NO. 4 BY THE WORKING GROUP ON WASTE DISPOSAL LEGISLATION OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT, OFFERS ADVICE AND GUIDELINES TO LOCAL AUTHORITIES ON THEIR DUTIES REGARDING THE LICENSING OF WASTE DISPOSAL SITES IN ACCORDANCE WITH THE CONTROL OF POLLUTION ACT 1974. ALTHOUGH GENERAL OBJECTIVES AND STRATEGIES OF THE LICENSING SYSTEM ARE DISCUSSED, IT IS CONCLUDED THAT LOCAL AUTHORITIES MUST DECIDE ON THE ISSUE OF A LICENSE BASED ON THE TOTAL CIRCUMSTANCES OF THE PARTICULAR SITE IN QUESTION. SPECIFIC CHAPTERS OF THE PUBLICATION ARE ENTITLED: 1) THE PURPOSE OF THE LICENSING SYSTEM; 2) STRATEGIC OBJECTIVES OF A WASTE DISPOSAL AUTHORITY; 3) THE CONSIDERATION OF SITE LICENSE APPLICATIONS; 4) MODEL CONDITIONS FOR SITES IN GENERAL; 5) HAZARDOUS WASTES--ADDITIONAL CONSIDERATIONS. SUPPORTING INFORMATION IS GIVEN IN APPENDIXES ON HYDROGEOLOGICAL GUIDELINES FOR THE SELECTION OF LANDFILL SITES, RECORD KEEPING, AND CLASSIFICATION OF WASTES FOR RECORD-KEEPING PURPOSES.

GREAT BRITAIN

RECLAMATION, TREATMENT AND DISPOSAL OF WASTES, AN EVALUATION OF
AVAILABLE OPTIONS

GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT
ENGLISH 00/00/76 PGS 1-42
ALSO SE AND LRB

PM(B)

EPA
ID# 03797A

THIS PAPER, PREPARED AS WASTE MANAGEMENT PAPER NO. 1 BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT'S WASTES AND ECONOMICS DIVISIONS ON THE BASIS OF INFORMATION DRAWN FROM A WIDE VARIETY OF SOURCES, OFFERS INFORMATION AND PROVIDES AN ASSESSMENT OF VARIOUS OPTIONS THAT ARE AVAILABLE OR ARE IN PROSPECT FOR THE RECLAMATION, TREATMENT AND DISPOSAL OF WASTES. THE PAPER SEEKS TO SUMMARIZE AND DRAW TOGETHER THESE OPTIONS, TO PLACE THEM IN PERSPECTIVE AND TO OUTLINE HOW THEY MIGHT BE EVALUATED ECONOMICALLY. SPECIFIC CHAPTERS DISCUSS RECYCLING, RE-USE AND RECLAMATION; DISPOSAL ON LAND AND LAND RECLAMATION; THERMAL TREATMENT AND ENERGY RECOVERY; SEA DISPOSAL; TREATMENT AND DISPOSAL OF HAZARDOUS WASTE; DISPOSAL OF AWKWARD HOUSEHOLD WASTE; RESEARCH PROJECTS; ECONOMIC EVALUATION OF WASTE DISPOSAL PLANS; EVALUATION OF WASTE DISPOSAL STRATEGIES; AND USE OF A TRANSPORTATION MODEL IN THE ALLOCATION OF WASTE.

SOLID WASTE

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...
THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.

PM(B)

ENGLISH 06/00/75 PGS 41-51 ID# 03804A
ALSO LRB, PMA AND SE
*WATER AIR LAND USE NOISE RADIATION

GREAT BRITAIN

PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL

SITES: INTERIM REPORT ON PROGRESS

GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

PM(B)

ENGLISH 09/00/75 PGS 1-100 ID# 03831A
TOXIC SUBS

THIS INTERIM REPORT, ISSUED AS A TECHNICAL NOTE BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT, DESCRIBES THE STATUS OF THE DEPARTMENT'S PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL SITES AS OF SEPTEMBER 1975. THE INTRODUCTION TO THE REPORT DISCUSSES: 1) BACKGROUND MATERIAL, CITING A LACK OF KNOWLEDGE ON THIS TOPIC WHICH MADE SUCH A PROGRAM A NECESSITY; 2) OBJECTIVES OF THE PROGRAM, WHICH ARE TO DETERMINE WHAT TYPES OF LANDFILL SITES ARE SAFE, WHAT REMEDIAL MEASURES ARE NEEDED FOR EXISTING SITES, AND TO ESTABLISH CRITERIA, GUIDELINES AND EXPERTISE FOR LOCAL AUTHORITIES IN THIS AREA; 3) ORGANIZATIONS AND STAFFING INVOLVED IN THE PROGRAM; AND 4) THE RESEARCH STRATEGIES USED IN THE PROGRAM. THE RESEARCH STRATEGIES ARE FULLY DESCRIBED IN THE BODY OF THE REPORT AND INCLUDE: LANDFILL SITE INVESTIGATIONS, LABORATORY INVESTIGATIONS, STUDIES OF MOVEMENT THROUGH UNSATURATED ZONES, MATHEMATICAL MODELING STUDIES, AND THE CREATION OF INFORMATION SYSTEMS ON THE SUBJECT.

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
ITALY. 1975 SUPPLEMENT

LR(B)

ENGLISH 00/00/75 PGS 1-22 ID# 03324B
*GENERAL AIR WATER RADIATION

SOLID WASTE

MEXICO

"ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
 MUNGUIA BARCENA, JORGE
 PM(B) SPANISH 06/00/75 PGS 31-39 ID# 03821A
 ALSO PMA
 *AIR WATER

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 NETHERLANDS. 1975 SUPPLEMENT
 LANGELAAR, K.
 LR(B) ENGLISH 00/00/75 PGS 1-132 ID# 033268
 ALSO PMA
 *GENERAL AIR WATER NOISE

SCANDINAVIA

"ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET
 EPA
 LR(B) SWEDISH 05/16/76 PGS 15 ID# C3806A
 *GENERAL AIR WATER NOISE

SCANDINAVIA

SOLID WASTE - CATALOG OF PROJECTS AND REPORTS IN THE NORDIC COUNTRIES.
 NORDFORSK - SECRETARIAT OF ENVIRONMENTAL SCIENCES 1975:2
 EPA
 PM(B) NORWEGIAN 00/00/75 PGS 1-91 ID# 03786A

IN ORDER TO ENABLE A WORKING GROUP, ESTABLISHED TO STUDY SOLID WASTE AS PART OF NORDFORSK'S (SCANDINAVIAN COUNCIL FOR APPLIED RESEARCH) AREA STUDIES IN ENVIRONMENTAL PROTECTION TECHNIQUES, TO RECOMMEND JOINT FUTURE SCANDINAVIAN PROGRAMS, ITS MEMBERS HAVE MAPPED OUT THE AREAS WHICH HAVE ALREADY BEEN RESEARCHED IN THE FIELD OF SOLID WASTE IN THE NORDIC COUNTRIES. THIS PAMPHLET LISTS CURRENT AND PREVIOUS DANISH, SWEDISH, NORWEGIAN, AND FINNISH PROJECTS AND REPORTS DEALING WITH OPERATION, ADMINISTRATION, AND ANALYSIS OF SOLID WASTE. A BIBLIOGRAPHY AND A LIST OF ADDRESSES OF RELATED BUSINESSES, ORGANIZATIONS, AND INSTITUTES IN THE FOUR COUNTRIES ARE ALSO INCLUDED.

TOXIC SUBS

CANADA

BACKGROUND TO THE PCB PROBLEM AND HIGHLIGHTS OF THE REPORT OF THE TASK
FORCE ON PCBs

PM(B)

CANADA. ENVIRONMENT CANADA

EPA

ENGLISH

06/03/76 PGS 1-9

ID# 03778A

THE PHASING OUT OF ALL USES OF HIGHLY PERSISTENT POLYCHLORINATED BIPHENYLS (PCBS) IN CANADA IS RECOMMENDED IN A TASK FORCE REPORT ON PCBs RELEASED BY ENVIRONMENT CANADA AND THE DEPARTMENT OF HEALTH AND WELFARE. CURRENTLY PCBs ARE USED PRIMARILY IN THE MANUFACTURE OF ELECTRICAL CAPACITORS AND TRANSFORMERS. THE TASK FORCE RECOMMENDS THAT INITIAL REGULATIONS SHOULD RESTRICT USE OF PCBs IN NEW GOODS TO DIELECTRIC INSULATING OILS AND THAT RESEARCH SHOULD BE INSTITUTED TO DISCOVER LESS HAZARDOUS SUBSTANCES TO USE AS SUBSTITUTES. THIS ACTION WOULD INVOLVE CONSULTATION WITH INDUSTRY AND THE PROVINCES BEFORE SPECIFIC REGULATIONS COULD BE BROUGHT IN. MINISTERS OF THE TWO DEPARTMENTS CONCERNED ARE NOW STUDYING THE TASK FORCE REPORT AND ARE EXPECTED TO ANNOUNCE A DECISION ON THE RECOMMENDATIONS SHORTLY. ANY REGULATORY MEASURES WOULD BE INTRODUCED UNDER THE RECENTLY PROCLAIMED ENVIRONMENTAL CONTAMINANTS ACT.

DENMARK

"JANUARY 15, 1976 ORDER NO. 18 ON THE RESTRICTIONS OF IMPORT AND USE OF PCB AND
PCT." LOVTIDENDE FOR KONGERIGET DANMARK, PART A

LR(A)

DANISH

00/00/76 PGS 43-44

EPA

ID# 01742R

THIS REGULATION CONCERNS PCB WITH MORE THAN TWO CHLORINE ATOMS, PREPARATIONS CONTAINING MORE PCB THAN 0.1 PERCENTAGE OF WEIGHT, PCT, AND PREPARATIONS CONTAINING MORE PCT THAN 0.1 PERCENTAGE OF WEIGHT. EXCEPTIONS TO THE REGULATION INCLUDING PCB AND PCT MANUFACTURED ABROAD AND IN TRANSIT THROUGH THE COUNTRY ARE LISTED. THERE ARE NO RESTRICTIONS ON THE USE OF PCB AND PCT FOR THE PURPOSE OF RESEARCH OR FOR DEVELOPMENTAL AND ANALYTICAL OBJECTIVES. IN ALREADY EXISTING HEATING INSTALLATIONS WITH SEALED CIRCULATIONS AND WHICH CONCERN THEMSELVES WITH FOOD, FEEDSTUFFS, DRUGS OR VETERINARY PRODUCTS, HEAT EXCHANGE LIQUIDS CONTAINING PCB AND PCT MAY BE USED UNTIL JANUARY 1, 1980. WHEN THE SUBSTANCES ARE TRANSPORTED OR STORED, THEY MUST BE LABELLED TO INDICATE THAT ONE OR BOTH IS PRESENT. WHOEVER MANUFACTURES OR IMPORTS PCB AND PCT MUST NOTIFY THE ENVIRONMENTAL PROTECTION AGENCY OR SOMEONE AUTHORIZED BY THE AGENCY IN WRITING OF THIS ACTIVITY. VIOLATIONS ARE PUNISHABLE BY FINES OR IMPRISONMENT.

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK. 1975 SUPPLEMENT

LR(B)

JENSEN, CLAUD HAGEN

EPA

ENGLISH

11/00/75 PGS 1-40

ID# 03327B

ALSO PMA

*GENERAL

AIR

WATER

SOLID WASTE

RADIATION

TOXIC SUBS

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
COMPARATIVE VOLUME. 1975 SUPPLEMENT

LR(B) ENGLISH 00/00/75 PGS 1-44 ID# 033218 EPA
*GENERAL AIR WATER SOLID WASTE NOISE RADIATION

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(B) ENGLISH 00/00/75 PGS 1-107 ID# 033258 EPA
ALSO PMA
*GENERAL AIR WATER SOLID WASTE NOISE RADIATION

GREAT BRITAIN

PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL
SITES: INTERIM REPORT ON PROGRESS

PM(B) GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 09/00/75 PGS 1-100 ID# 03831A
*SOLID WASTE

JAPAN

STUDIES ON THE HEALTH EFFECTS OF ALKYL MERCURY IN JAPAN
JAPAN. ENVIRONMENT AGENCY

ST() ENGLISH 00/00/75 PGS 1-215 ID# 03830A EPA
ALSO PMB

IN RESPONSE TO GLOBAL INTEREST IN THE "MINIMATA OR "ITAI-ITAI" DISEASE FOLLOWING THE MINAMATA AND NIIGATA MERCURY-POISONING OCCURRENCES IN JAPAN, THIS PUBLICATION PROVIDES ENGLISH-LANGUAGE VERSIONS OF SOME OF THE SIGNIFICANT MEDICAL AND SCIENTIFIC RESEARCH STUDIES CONDUCTED BY THE JAPAN ENVIRONMENT AGENCY AND THE JAPAN HEALTH ASSOCIATION TO DEAL WITH THE PROBLEM. THE 21 PAPERS IN THIS MONOGRAPH, EACH ILLUSTRATED AND ACCOMPANIED BY AN ABSTRACT AND A LIST OF REFERENCES, GIVE DATA ON THE OCCURRENCE OF ALKYL MERCURY IN THE ENVIRONMENT AND ITS ADVERSE EFFECTS ON HUMAN HEALTH FROM THE EPIDEMIOLOGICAL, BIOCHEMICAL, PHARMACEUTICAL, PATHOLOGICAL, ANATOMICAL, NEUROLOGICAL, PSYCHIATRIC, AND PEDIATRIC VIEWPOINTS.

TOXIC SUBS

LUXEMBURG

LR(B)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
 LUXEMBOURG. 1975 SUPPLEMENT
 J. M. DIDIER & ASSOCIATES
 ENGLISH 00/00/75 PGS 1-63 EPA ID# 033298
 ALSO PMA
 *GENERAL AIR WATER NOISE RADIATION

SWEDEN

ST()

"PILOT STUDY CONCERNING THE EXTRACTION AND DEWATERING OF MERCURY CONTAMINATED
 FIBER SEDIMENT FROM THE BAY OF ORSERUM, VASTERVIK." IVL - SWEDISH WATER AND AIR POLL. RES. LAB.
 BERGSTROM, R., AND OTHERS
 SWEDISH 00/00/75 PGS 1-27 EPA ID# 03816A
 ALSO PMB AND SE
 WATER

THIS BOOKLET DESCRIBES A PILOT STUDY ESTABLISHED TO FIND A SUITABLE METHOD OF EXTRACTING
 AND DEWATERING MERCURY-CONTAMINATED RAYON FIBER SEDIMENTS FROM THE BAY OF ORSERUM, VASTERVIK.
 PUMPING WAS FOUND TO BE AN APPROPRIATE METHOD IF THE DRY CONTENT WAS BETWEEN 3-5 PERCENT AND
 PROVIDED THAT THE PUMP WAS EQUIPPED WITH A FEEDING APPARATUS. MERCURY WAS FOUND TO BE DISTRIBUTED
 IN THE DEWATERED SLUDGE WITH ONLY A SMALL PART RETURNING TO THE RECIPIENT VIA THE PROCESSED
 WATER. ALTHOUGH THE CONCENTRATION OF MERCURY IN THE AIR INCREASED, IT DID SO INSIGNIFICANTLY.
 ECONOMIC AND PRACTICAL ASPECTS OF EXTRACTING AND DEWATERING RAYON SEDIMENT ARE ALSO
 DISCUSSED.

SWITZERLAND

LR(A)

SWISS LAW ON THE COMMERCE WITH POISONS
 ENGLISH 00/00/00 PGS 1-54 EPA ID# 01321H

THIS PUBLICATION CONTAINS COMPLETE TEXTS IN ENGLISH OF THE MARCH 21, 1969 FEDERAL LAW ON
 TRADING IN TOXICANTS, AS WELL AS THE DEC. 23, 1971 IMPLEMENTING ORDINANCE, THE DEC. 23, 1971
 ORDINANCE ON THE PROHIBITION OF TOXIC SUBSTANCES, AND THE MAY 10, 1972 SUPPLEMENT TO THE LATTER
 ORDINANCE. THE 1969 LAW PROVIDES THAT A TOXIC SUBSTANCE MAY BE MARKETING ONLY IF IT IS INCLUDED
 IN A LIST OF TOXICANTS TO BE MAINTAINED BY THE FEDERAL PUBLIC HEALTH SERVICE. PERSONS DESIRING
 TO MARKET TOXICANTS MUST DECLARE THIS TO THE PUBLIC HEALTH SERVICE AND PROVIDE NECESSARY DOCU-
 MENTATION. THOSE WISHING TO PURCHASE TOXIC SUBSTANCES MUST OBTAIN AN APPROPRIATE AUTHORIZATION.
 THE IMPLEMENTING ORDINANCE DEFINES THE SCOPE AND TERMINOLOGY OF THE LAW, DESCRIBES THE FORM AND
 CONTENT OF THE TOXICANT LIST, AND DELINEATES THE CONDITIONS OF TRADE. THE ORDINANCE ON PROHIBITION
 OF TOXIC SUBSTANCES AND ITS SUPPLEMENT LIST SPECIFICALLY PROHIBITED SUBSTANCES. (FOR GERMAN TEXTS
 OF THE LAW AND ORDINANCES SEE ID NOS. 01321A, 01321B, AND 01321C.)

TOXIC SUBS

WHO SAFETY EVALUATION OF CHEMICALS IN FOOD: TOXICOLOGICAL DATA PROFILES FOR
PESTICIDES. CARBAMATE AND ORGANOPHOSPHORUS INSECTICIDES USED IN AGRICULTURE AND PUBLIC HEALTH
VETTORAZZI, G., AND P. MILES-VETTORAZZI EPA
ST() ENGLISH 00/00/75 PGS 1-61 ID# 03766A
ALSO PMB
*PESTICIDES

WATER

BELGIUM LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
BELGIUM, 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES EPA
LR(B) ENGLISH 00/00/75 PGS 1-91 ID# 03323B
ALSO PMA
*GENERAL AIR SOLID WASTE NOISE

BRAZIL PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II
(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)
BRAZIL, SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
PM(B) PORTUGUESE 06/00/75 PGS 159-399 ID# 03811B
ALSO LRB, PMA AND SE
*GENERAL AIR SOLID WASTE LAND USE

DENMARK LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK, 1975 SUPPLEMENT
JENSEN, CLAUD HAGEN EPA
LR(B) ENGLISH 11/00/75 PGS 1-40 ID# 03327B
ALSO PMA
*GENERAL AIR SOLID WASTE RADIATION TOXIC SUBS

WATER

DENMARK

"ENVIRONMENTAL PROTECTION AGENCY WANTS TO TEACH CONSUMERS HOW TO SAVE WATER."
BERLINGSKE TIDENDE

PM(B)

DANISH

05/01/76 PGS (II) 1

EPA

ID# 03799A

THE DANISH ENVIRONMENTAL PROTECTION AGENCY IS PREPARING GUIDELINES TO ADVISE INDUSTRIES, WATERWORKS, AND THE INDIVIDUAL CONSUMER ON HOW TO DEAL WITH A WATER SHORTAGE OF 150-200 MILLIMETERS CAUSED BY LESS PRECIPITATION AND AN INCREASE IN EVAPORATION WHICH HAS CAUSED EVEN THE GROUNDWATER LEVEL TO DECLINE. IT IS ESSENTIAL THAT THE CONSUMER, WHO UTILIZES ABOUT 70 PERCENT OF THE COUNTRY'S WATER SUPPLY, BE INSTRUCTED ON HOW TO SAVE AND THAT THE ESTIMATED 50 PERCENT OF WATER WHICH IS, AT TIMES, LOST DUE TO FAULTY WATER PIPES, ETC., BE RETRIEVED. THIS ARTICLE ALSO POINTS OUT THAT OTHER COUNTRIES ARE EXPERIENCING THE SAME SITUATION. IN THE CENTRAL PART OF ENGLAND, FOR INSTANCE, WATERING ONE'S GARDEN OR WASHING ONE'S CAR IS NOW PROHIBITED AND COMMUNITY WATER TAPS HAVE BEEN INSTALLED IN CASE IT BECOMES NECESSARY TO CUT OFF THE INDIVIDUAL WATER SUPPLY. IN THE WEST GERMAN HARBOR OF DUISBURG, SEVERAL BASINS HAVE PRACTICALLY DRIED UP AND THE WATER LEVEL IN THE RHINE HAS REACHED A RECORD LOW.

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
COMPARATIVE VOLUME. 1975 SUPPLEMENT

LR(B)

ENGLISH

00/00/75 PGS 1-44

EPA

ID# 033218

*GENERAL

AIR

SOLID WASTE NOISE

RADIATION

TOXIC SUBS

EUROPEAN COMMUNITIES

"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
SMEETS, J.

PM(B)

ENGLISH

06/00/75 PGS 19-30

EPA

ID# 03920A

ALSO SE

*GENERAL

AIR

NOISE

FINLAND

"EMISSIONS INTO THE SEA THROUGH SMOKE MUST BE REDUCED." HUFVUDSTADSBLADET

LR(B)

SWEDISH

05/19/76 PGS 1, 6

EPA

ID# 03823A

AIR

THE SUPREME ADMINISTRATION COURT HAS IN PART OVERRULED THE WATER COURT OF WESTERN FINLAND CONCERNING AN APPLICATION FROM THE KERIMA FACTORY AT NYSTAD TO BE PERMITTED TO EJECT WASTEWATER INTO THE SEA. IN SPITE OF THE FACT THAT THE FACTORY HAD INSTALLED A CLOSED CIRCUIT SYSTEM WHICH SHARPLY REDUCES THE CONTENTS OF PHOSPHORUS AND OTHER HARMFUL SUBSTANCES, THE HIGHER COURT OBJECTED TO THE FACT THAT THE AMOUNT OF PHOSPHORUS EMITTED THROUGH THE FACTORY'S CHIMNEY WAS 4-5 TIMES LARGER. THE REQUEST WAS GRANTED BUT ONLY UNDER THE PROVISION THAT THE FACTORY SUBMIT A REPORT BEFORE THE END OF NEXT YEAR STATING HOW LARGE AN AMOUNT OF HARMFUL SUBSTANCES ARE EMITTED INTO THE SEA THROUGH THE AIR AND IN WHICH WAY THIS MAY BE REDUCED. THIS IS THE FIRST TIME IT HAS BEEN SUGGESTED THAT A WATER COURT ALSO HAS A RIGHT AND AN OBLIGATION TO DEAL WITH WATER POLLUTION EMITTED THROUGH THE AIR. THE KERIMA CASE HAS THUS SET A PRECEDENT.

WATER

FINLAND

"BJORNEBORG'S GROUNDWATER AGGRAVATED BY GRAVEL PIT." HUFVUDSTADSBLADET

EPA

PM(B)

SWEDISH

05/05/76 PGS 7

ID# 03780A

THE EXCAVATION OF GRAVEL BELOW THE GROUNDWATER LEVEL HAS CAUSED PERMANENT DAMAGE TO WATER QUALITY AND HAS JEOPARDIZED A PLANNED ARTIFICIAL GROUNDWATER INSTALLATION OUTSIDE OF BJORNEBORG. THE WATER COURT OF WESTERN FINLAND TURNED DOWN ATTEMPTS TO STOP THE ACTIVITY TWO YEARS AGO BUT HAS NOW BEEN OVERRULED BY A HIGHER COURT AFTER THE BOARD OF WATERS TESTIFIED THAT WATER EXPOSED TO DAYLIGHT DEVELOPS ALGAE WHICH DECAY AND EVENTUALLY AFFECT THE SMELL AND TASTE OF THE WATER. LAKE CONSERVANCY IS A PREREQUISITE AND REGENERATION OF PURIFICATION CHEMICALS ESSENTIAL FOR THE SUCCESS OF THE ARTIFICIAL GROUNDWATER PROJECT, WHICH IS EXPECTED TO BE FINISHED AT THE BEGINNING OF 1977. WHEN WATER FROM THE ARTIFICIAL SOURCE IS MIXED WITH THE NATURAL GROUNDWATER SUPPLY IN THE CITY'S WATER SYSTEM, THE UNDESIRABLE QUALITIES OF THE GROUNDWATER WILL BE LESS NOTICEABLE. THIS ARTICLE POINTS OUT, HOWEVER, THAT THE SAME PROBLEM COULD ARISE ANYWHERE UNDER SIMILAR CIRCUMSTANCES.

FINLAND

"CHANGES IN WATER QUALITY IN FINNISH LAKES AND RIVERS 1962-1973." PUBLICATIONS OF THE WATER RESEARCH INSTITUTE, NO. 12

LAAKSONEN, REINO

EPA

ST()

FINNISH*

00/00/75 PGS 1-64

ID# 03779A

ALSO PMB/*SUMMARY IN ENGLISH

LINEAR REGRESSION ANALYSIS WAS APPLIED IN THIS STUDY TO PICK OUT SERIES OF OBSERVATIONS IN WHICH A CORRELATION EXISTS BETWEEN TIME AND ONE OF ELEVEN PARAMETERS AT, AT LEAST, A 95 PERCENT PROBABILITY LEVEL. OBSERVATIONS WERE MADE AT 180 RUNNING-WATER AND 160 DEEP-WATER STATIONS DURING DIFFERENT MONTHS AND TIME PERIODS. THE FOLLOWING OBSERVATIONS WERE MADE: THE RUNNING-WATER DATA SHOWED THAT THE MAIN FEATURE OF CHANGE IS AN INCREASE OF SALTS; THE NUMBER OF TRENDS DISCOVERED SEEMED TO INCREASE CONTINUOUSLY WITH THE NUMBER OF OBSERVATIONS; CHANGES WERE OBSERVED MOST FREQUENTLY IN THE AUTUMN AND LEAST FREQUENTLY IN THE SPRING; CHANGES IN WATER QUALITY WERE ONLY SLIGHTLY MORE FREQUENT IN THE DEEP WATERS THAN AT RUNNING-WATER LOCALITIES; AND CHANGES WERE MORE COMMON IN THE GREAT LAKE SYSTEMS THAN IN THE WATERS NEAR THE COAST AND IN THE NORTHERN PART OF THE COUNTRY. CHANGES IN SOME SPECIFIC RIVER SYSTEMS AND LAKES ARE ALSO DISCUSSED.

FRANCE

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-37

ID# 033308

ALSO PMA

*GENERAL

AIR

SOLID WASTE NOISE

RADIATION

WATER

FRANCE

"NINETEEN MILLION FRANCS IN AID AND PROTECTION OF LAKES GIVEN PRIORITY,"
NUISANCES ET ENVIRONNEMENT, NO. 51

SE()

FRENCH

06/00/76 PGS 17

EPA
ID# 03772A

DURING ITS LAST MEETING IN METZ-ROZERIEULLES, THE ADMINISTRATIVE COUNCIL OF THE RHINE-MEUSE BASIN AGENCY REACHED A NUMBER OF SIGNIFICANT DECISIONS WITH REGARD TO THE CONTROL OF WATER POLLUTION. THESE CONCERNED THE FOLLOWING APPROPRIATIONS: 1) TO THE LOCAL GOVERNMENTS - 9,350,000 FRANCS IN SUBSIDIES, WITH AN ADDITIONAL 80,000 FRANCS IN ADVANCE FUNDS; 2) TO INDUSTRY - 2,740,000 FRANCS IN SUBSIDIES, 3,300,000 IN LOANS AND 3 MILLION IN ADVANCES. WITH THESE APPROPRIATIONS A TOTAL OF 54,800,000 FRANCS WILL HAVE BEEN ALLOTTED TO LOCAL AUTHORITIES, OR 88.5 PERCENT OF THE 61,900,000 FRANCS PROVIDED FOR IN THE AGENCY'S SECOND ACTIVITY PROGRAM. INDUSTRY'S TOTAL ALLOTMENTS AMOUNT TO 107,500,000 FRANCS, OR 80 PERCENT OF THE 134,000,000 DESIGNATED FOR THE 1972-76 PROGRAM. THE AGENCY ALSO AGREED TO A GRANT OF 35,000 FRANCS IN AID FOR LAKE POLLUTION RESEARCH IN THE VOSGES DEPARTMENT.

GERMANY, FED REP OF

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
GERMANY. 1975 SUPPLEMENT

LR(B)

ENGLISH
*GENERAL

AIR

00/00/75 PGS 1-9
SOLID WASTE NOISEEPA
ID# 03322B
RADIATION

GERMANY, FED REP OF

"ADMINISTRATIVE AGREEMENT REGARDING THE GRANTING OF FEDERAL FUNDS FOR CLEANING
UP THE RHINE AND LAKE CONSTANCE." GEMEINSAMES MINISTERIALBLATT, 30
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR
GERMAN
12/11/73 PGS 559-560
ALSO SE

EPA
ID# 03771A

THIS NOTICE OF THE FEDERAL INTERIOR MINISTRY PUBLISHES AN AGREEMENT BETWEEN THE FEDERAL GOVERNMENT, REPRESENTED BY THE MINISTRY, AND THE FEDERAL STATES BADEN-WUERTTEMBERG, BAVARIA, HESSE, NORTH RHINE-WESTPHALIA, AND RHINELAND-PALATINATE. IN THE FRAMEWORK OF A FIVE-YEAR PLAN, THE FEDERAL GOVERNMENT WILL GRANT TO THE STATES FUNDS FROM EACH YEAR'S BUDGET FOR THE MUNICIPALITIES, MUNICIPAL ORGANIZATIONS, WATER AND SOIL ORGANIZATIONS AND SPECIAL PURPOSE ORGANIZATIONS TO INVEST IN PROJECTS TO CLEAN UP THE RHINE AND LAKE CONSTANCE. THE FUNDS ARE TO BE USED FOR CONSTRUCTION OF SEWAGE PURIFICATION PLANTS OF SUPRAREGIONAL SIGNIFICANCE ON THE RHINE AND LAKE CONSTANCE, AS WELL AS FOR SUPRAREGIONAL SEWERAGE CONNECTIONS FOR THE LAKE CONSTANCE AREA. THE CONDITIONS FOR RECEIVING GRANTS AND THE MAXIMUM SIZE OF GRANTS FOR VARIOUS PURPOSES ARE SPECIFIED.

WATER

GERMANY, FED REP OF

"STINK CANNOT BE JUSTIFIED." FRANKFURTER ALLGEMEINE ZEITUNG

LR(B)

GERMAN

04/02/76 PGS 14

EPA
ID# 03814A

AN EXPERT OPINION PREPARED BY THE PUBLIC PROSECUTOR'S OFFICE IN THE CITY OF MANNHEIM DECLARES THAT THE PROTECTION OF JOBS AND THE MAINTENANCE OF PRODUCTION LEVEL, EVEN IN AREAS WHERE THE POPULATION DEPENDS ON INDUSTRY, DOES NOT JUSTIFY PHYSICAL SUFFERING IN THE PUBLIC FROM OFFENSIVE ODORS NOR GENERAL POLLUTION OF RIVERS. THE REPORT ALSO FOUND THAT THE DISCHARGE OF SEWAGE CONTAINING ORGANIC SUBSTANCES WHICH CAUSE A VERY OFFENSIVE ODOR AND LEAD TO PHYSICAL COMPLAINTS SUCH AS HEADACHES AND NAUSEA IN LOCAL CITIZENS IS PUNISHABLE UNDER PARAGRAPH 38 OF THE WATER MANAGEMENT LAW, WHICH PRESCRIBES UP TO TWO YEARS IMPRISONMENT FOR THE INTRODUCTION OF HARMFUL SUBSTANCES INTO A BODY OF WATER. THE REPORT FURTHER FOUND THAT CHANGES SHOULD BE MADE IN THE PRACTICE OF ALLOWING WATER POLLUTION OCCURRING UNDER THE CONDITIONS OF VERY OLD PERMITS. THE REPORT WAS PREPARED IN RELATION TO A CASE AGAINST A PAPER COMPANY DISCHARGING MALODOROUS SEWAGE INTO THE RHINE.

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME.
1975 SUPPLEMENT.

LR(B)

ENGLISH
ALSO PMA
*GENERAL

00/00/75 PGS 1-107

EPA
ID# 03325B

AIR

SOLID WASTE NOISE

RADIATION

TOXIC SUBS

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO...
THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.

PM(B)

ENGLISH
ALSO LRB, PMA AND SE
AIR

06/00/75 PGS 41-51

EPA
ID# 03804A

LAND USE

SOLID WASTE NOISE

RADIATION

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS IN BROAD OUTLINE THE PROGRAMS AND ACTIVITIES IN ENGLAND AND WALES CONCERNING LAND USE PLANNING, AIR POLLUTION, DISPOSAL OF SOLID AND RADIOACTIVE WASTES AND, IN SOME DETAIL, THE MANAGEMENT AND CONTROL OF THE HYDROLOGICAL CYCLE. BY WAY OF INTRODUCTION, THE PAPER CITES THE TRADITION OF ENVIRONMENTAL REGULATION IN GREAT BRITAIN AND DESCRIBES THE INSTITUTIONAL FRAMEWORK REGARDING CENTRAL, COUNTRY AND LOCAL GOVERNMENT JURISDICTIONS AND RESPONSIBILITIES IN ENVIRONMENTAL MATTERS. THE CURRENT STATUS AND NEW DEVELOPMENTS IN THE ABOVE-MENTIONED ENVIRONMENTAL AREAS ARE CITED. THE FUNCTIONS, CONSTITUTION, FINANCING AND OPERATIONS OF THE REGIONAL WATER AUTHORITIES ARE DISCUSSED, AND THE APPLICATION AND SUITABILITY OF EXISTING WATER QUALITY STANDARDS, ESPECIALLY AS THEY APPLY TO THE CASE OF THE SEVERN-TRENT WATER AUTHORITY, ARE EXPLAINED.

WATER

INTERNATIONAL

PM(B)

"FEWER PHOSPHATES IN LAKE CONSTANCE - POLLUTION BRAKED." DIE PRESSE

EPA

GERMAN

06/08/76 PGS 4

ID# 03790A

THE PHOSPHATE CONTENT OF LAKE CONSTANCE HAS DECREASED 5 PERCENT FROM THAT OF SPRING 1975. ACCORDING TO THIS ARTICLE. THE LAKE OXYGEN SATURATION LEVEL, EVEN AT ITS GREATEST DEPTHS, IS NOW 90 PERCENT. COMPARED TO 60-70 PERCENT LAST YEAR. THUS IT IS FELT THAT THE CLEAN-UP MEASURES INSTITUTED BY THE THREE SURROUNDING COUNTRIES, AUSTRIA, SWITZERLAND AND THE FEDERAL REPUBLIC OF GERMANY, HAVE SHOWN RESULTS SOONER THAN EXPECTED. SUCH MEASURES INCLUDE THE CONSTRUCTION OF LARGE SEWAGE PURIFICATION PLANTS. HIGH WATERS IN THE PAST YEAR HAVE ALSO HELPED TO WASH SOME OF THE POLLUTANTS FROM THE LAKE. INDUSTRY REMAINS THE MAJOR POLLUTER OF THE LAKE, INTRODUCING HARMFUL SUBSTANCES BOTH THROUGH SEWAGE DISCHARGE AND PRECIPITATION FROM SMOKESTACKS. AGRICULTURAL FERTILIZERS ARE MINOR CONTRIBUTORS TO LAKE POLLUTION.

IRELAND

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-9

ID# 03328B

ALSO PMA

*GENERAL

NOISE

PESTICIDES

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
ITALY. 1975 SUPPLEMENT

EPA

LR(B)

ENGLISH

00/00/75 PGS 1-22

ID# 03324B

*GENERAL

AIR

SOLID WASTE RADIATION

ITALY

"MONTEDISON WAS AUTHORIZED TO DISCHARGE RED SLUDGE INTO SEA." CORRIERE
DELLA SERA

EPA

LR(B)

ITALIAN

04/09/76 PGS 10

ID# 03787A

THIS ARTICLE EXAMINES THE DEFENSE OF THE ITALIAN MONTEDISON EXECUTIVES IN APPEAL OF A COURT DECISION WHICH FOUND THEM GUILTY OF POLLUTING. DEFENSE ATTORNEYS HAVE BASED THE APPEAL ON THE FOLLOWING THREE POINTS: 1) THAT RESIDUE DISCHARGES WERE NOT POLLUTING; 2) THAT DISCHARGES, EVEN IF DAMAGING, WERE AUTHORIZED BY THE HARBOR MASTER'S OFFICE AND 3) THAT THE FIVE DEFENDENTS WERE NOT RESPONSIBLE FOR DECISIONS LEADING UP TO THE INSTALLATION'S ESTABLISHMENT AT THAT LOCATION AND DETERMINING WASTE DISCHARGE POLICIES. IT IS POINTED OUT THAT ARTICLE 15 OF THE 1965 FISHING LAW EXEMPTS AUTHORIZED DISCHARGES FROM ANY RESTRICTIONS AND THAT THE PERMIT AUTHORIZATIONS WERE ISSUED TO THE MONTEDISON PLANT ONLY AFTER THOROUGH TESTING WITH FOUR YEARS ELAPSING BETWEEN THE TIME OF THE APPLICATION AND THE TIME OF ISSUANCE.

WATER

ITALY

"CEFIS CONFIRMS: NO POLLUTING OCCURRED AS A RESULT OF THE SCARLINO PLANT
RESIDUES." CORRIERE DELLA SERA
FELICETTI, FABIO

LR(B)

ITALIAN

03/25/76 PGS 9

EPA
ID# 03792A

THIS ARTICLE, DEALING WITH THE APPEAL PROCEEDINGS OF FIVE ITALIAN INDUSTRIALISTS CONVICTED FOR THE DISCHARGE OF POLLUTANTS IN THE TYRRHENIAN SEA, REVIEWS THE EVENTS AND CHARGES LEADING UP TO THE APPEAL. THE BARGING AT SEA OF TITANIUM DIOXIDE PRODUCTION RESIDUES BY THE SCARLINO PLANT IN 1972 AROUSED THE WRATH OF AREA FISHERMEN AND TOURISM PROMOTERS, WHO INITIATED LEGAL PROCEEDINGS BASED ON CLAIMS OF SEVERE ENVIRONMENTAL DAMAGE. THE ENSUING INVESTIGATIONS CAME TO A CONCLUSION IN APRIL 1974 WITH THE SENTENCING OF FIVE OF THE ACCUSED COMPANY OFFICIALS. APPEAL PROCEEDINGS, BEGUN ON MARCH 24, 1976, ARE BASED ON THE FOLLOWING TWO CONTENTIONS: 1) THAT NOTHING OR NO ONE HAS EVER PROVED THAT DISCHARGED RESIDUES WERE IN FACT POLLUTING, AND 2) THAT EVERY DISCHARGE OPERATION HAD ALWAYS BEEN CONDUCTED WITH THE AUTHORIZATION OF THE HARBOR MASTER'S OFFICE.

JAPAN

"THE CURRENT STATE AND TRENDS OF ENVIRONMENTAL POLLUTION." I ENCONTRO
NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
SHIOZAWA, KIYOSHIGE

LR(B)

ENGLISH

06/00/75 PGS 129-149

EPA
ID# 03822A

ALSO PMB AND PMA

*AIR

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
LUXEMBOURG. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES

LR(B)

ENGLISH

00/00/75 PGS 1-63

EPA
ID# 033298

ALSO PMA

*GENERAL

AIR

NOISE

RADIATION

TOXIC SUBS

MEXICO

"THE GENERAL DIRECTORATE FOR WATER USE AND POLLUTION CONTROL - REPORT OF
ACTIVITIES." RECURSOS HIDRAULICOS, VOL. 3, NO. 3
MEXICO. SECRETARIAT OF WATER RESOURCES

PM(A)

SPANISH

08/00/74 PGS 296-302

EPA
ID# 03818A

ALSO PMB, LRB AND SE

THIS EXCERPT OF THE REPORT OF ACTIVITIES OF THE MEXICAN SECRETARIAT OF WATER RESOURCES DESCRIBES THE WORK AND PROGRAMS OF THE GENERAL DIRECTORATE FOR WATER USE AND POLLUTION CONTROL DURING THE YEAR 1973-1974. THE GENERAL DIRECTORATE IS ADMINISTRATIVELY DIVIDED INTO: 1) THE DIRECTORATE OF WATER USE, WHOSE REPORTED ACTIVITY INVOLVED CARRYING OUT THE NATIONAL WATER USE INVENTORY, FORMULATION OF WATER USE MODELS AND REALIZATION OF VARIOUS STUDIES AND PROGRAMS ON THE QUALITY, TREATMENT AND REUSE OF WATER; 2) THE DIRECTORATE OF WATER POLLUTION CONTROL, RESPONSIBLE FOR THE APPLICATION OF WATER POLLUTION REGULATIONS, THE REGISTRATION OF EFFLUENT DISCHARGES, AND THE REALIZATION OF PROGRAMS AND MEASURES FOR CONTROLLING POLLUTION ON THE NATIONAL, REGIONAL AND LOCAL LEVELS AND IN COOPERATION WITH THE UN DEVELOPMENT PROGRAM; AND 3) THE DIRECTORATE OF WATERSHED MANAGEMENT, WHOSE ACTIVITIES INVOLVED THE CONTROL OF AQUATIC WEED GROWTH AND EROSION.

WATER

MEXICO

"ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1 MUNGUIA BARCENA, JORGE

PM(B)

SPANISH 06/00/75 PGS 31-39 ID# 03821A
ALSO PMA
*AIR SOLID WASTE

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT

LR(B)

LANGELAAR, K. 00/00/75 PGS 1-132 ID# 03326B
ENGLISH
ALSO PMA
*GENERAL AIR SOLID WASTE NOISE

NORWAY

"THE UNION COMPANY IS NOT PERMITTED TO EJECT MORE SULFUR DIOXIDE." AFTENPOSTEN

LR(B)

NORWEGIAN 03/17/76 PGS 9 ID# 03828A

THE UNION COMPANY IN SKIEN, WHICH SPECIALIZES IN CELLULOSE AND PAPER PRODUCTION, APPLIED TO THE SMOKE CONTROL COUNCIL FOR PERMISSION TO EMIT FIRST 315, THEN 245 KG SULFUR DIOXIDE PER HOUR INTO THE SKIEN RIVER PRIOR TO EXPANDING ITS FACILITIES. THE APPLICATION WAS REJECTED AND THE COMPANY WAS TOLD THAT IT HAS TO REDUCE ITS EMISSIONS FROM THE CURRENT 160 KG PER HOUR TO 140 INSTEAD. THIS CONDITION WAS MORE SEVERE THAN WHAT THE CITY COUNCIL HAD FAVORED. ALTHOUGH THE COMPANY HAS THREE WEEKS IN WHICH TO APPEAL, IT HAS INDICATED THAT IT WILL ACCEPT THE SMOKE CONTROL COUNCIL'S VERDICT.

NORWAY

"TEN GLOMMA MUNICIPALITIES WITH JOINT OIL POLLUTION CONTROL." AFTENPOSTEN

PM(B)

NORWEGIAN 03/04/76 PGS 7 ID# 03827A

THIS ARTICLE REPORTS THAT TEN MUNICIPALITIES IN THE SOUTHERN PART OF NORWAY CLOSE TO THE SWEDISH BORDER HAVE HAD THEIR PLANS TO COOPERATE IN MATTERS OF OIL POLLUTION CONTROL APPROVED BY THE COUNCIL ON OIL POLLUTION. THREE DEPOTS WILL BE ESTABLISHED FOR THE PURPOSE OF STORING NECESSARY EQUIPMENT. THE CHIEF OF POLICE IN FREDRIKSSTAD WILL BE CHAIRMAN OF THE CONSOLIDATED OIL POLLUTION CONTROL COMMITTEE ALTHOUGH DAILY RESPONSIBILITY WILL REST WITH THE CITY'S HARBOR CAPTAIN. POTENTIAL SOURCES OF POLLUTION ARE TANKERS, SOME OF WHICH MAY REACH A CAPACITY OF 40,000 TONS, AND CERTAIN INDUSTRIES WHICH STORE OIL AND OTHER CHEMICALS.

WATER

SCANDINAVIA

"ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET

EPA

LR(B)

SWEDISH

05/16/76 PGS 15

ID# 03806A

*GENERAL

AIR

NOISE

SOLID WASTE

SWEDEN

"EASIER TO TAKE CARE OF SWEDISH ACCIDENT - COLDER WATER GREAT ADVANTAGE."

SVENSKA DAGBLADET

EPA

PM(B)

SWEDISH

05/15/76 PGS 8

ID# 03812A

IN THIS ARTICLE TWO SIMILAR CASES OF OIL POLLUTION IN THE STOCKHOLM ARCHIPELAGO ARE DESCRIBED. IN THE FIRST CASE, WHICH TOOK PLACE IN 1969, 200 TONS OF OIL WERE EMITTED INTO WATER AND THE CLEAN-UP COST SIX MILLION SWEDISH KRONER. IN THE SECOND CASE IN 1973, 400 TONS OF OIL WERE EMITTED AND THE CLEAN-UP COST HALF A MILLION. THE DECREASE IN CLEAN-UP COSTS IS ACCOUNTED FOR BY A NATIONWIDE OIL PREVENTION PROGRAM WHICH WAS STARTED IN 1970. THE COUNTRY WAS DIVIDED INTO FOUR COASTAL DISTRICTS FOR OIL PRECAUTIONARY PURPOSES AND HAS SINCE THIS TIME SPENT 25 MILLION ON EQUIPMENT TO ENABLE OFFICIALS TO ENCIRCLE POTENTIALLY POLLUTING OIL BY BOOMS AND THEN EVACUATE IT. IF ALL OF THE NATION'S RESOURCES WERE POOLED, 20,000 TONS OF OIL PER DAY COULD BE REMOVED. IT IS, HOWEVER, POINTED OUT THAT THE TIDES AND SWELLS ON THE WEST COAST MAKE OIL REMOVAL MORE DIFFICULT IN THAT AREA.

SWEDEN

"THE EFFECTS OF INDUSTRIAL EFFLUENTS ON BRACKISH WATER ECOSYSTEMS."

IVL-SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY

LANDNER, LARS, AND KRISTINA NILSSON

EPA

ST()

SWEDISH

06/00/74 PGS 1-23

ID# 03767A

INVESTIGATIONS CONCERNING WATER CHEMISTRY AND BOTTOM FAUNA WERE CARRIED OUT DURING 1969-1970 IN BRAVIKEN, A 20-MILE LONG FJORD ON THE BALTIC COAST. THE TOTAL ANNUAL DISCHARGE OF ORGANIC MATTER TO THE FJORD DURING THIS PERIOD HAS BEEN ESTIMATED AT 19,000 TONS, ORIGINATING MAINLY FROM PULP AND PAPER MILLS AND FROM THE CITY OF NORRKOPING. THE WATER MASS AT BRAVIKEN IS NORMALLY WELL STRATIFIED. A SALINE BOTTOM CURRENT FROM THE DEEP BASINS OF THE BALTIC CARRIES BRACKISH WATER TO THE INNERMOST PARTS OF THE FJORD AT THE SAME TIME AS FRESH SURFACE WATER FLOWS OUT. DOMINATING SPECIES OF THE BOTTOM FAUNA WERE FOUND TO BE PONTOPOREIA AFFINIS AND MACOMA BALTICA, THE ABUNDANCE OF THE TWO SPECIES BEING NEGATIVELY CORRELATED. CONCENTRATIONS OF HEAVY METALS IN THE BOTTOM ORGANISMS WERE IN SOME CASES NEGATIVELY CORRELATED WITH THE DISTANCE FROM THE SOURCE OF POLLUTION (CD IN PONTOPOREIA AND CU IN MACOMA SHELLS), WHEREAS NO CORRELATION WAS FOUND BETWEEN HEAVY METALS CONCENTRATION IN ORGANISMS AND IN THE SEDIMENT SURFACE.

WATER

SWEDEN

"THE RELATION OF TREATMENT AND ECOLOGICAL EFFECTS IN BRACKISH WATER REGIONS."
 IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
 ROSENBERG, RUTGER
 ENGLISH

EPA

ST()

04/00/75 PGS 1-13

ID# 03768A

THIS PAPER EXPLAINS THE CONDITIONS OF POLLUTION IN BRACKISH WATER IN GENERAL AND CITES THE BALTIC SEA TO ILLUSTRATE THE SITUATION. TWO EXAMPLES OF THE EFFECTS OF INDUSTRIAL WASTEWATER ON BRACKISH WATER ECOSYSTEMS ARE GIVEN. IN THE FIRST CASE, FROM THE GULF OF BOTHNIA, WHERE WASTEWATER WAS DISCHARGED, NO BENTHIC FAUNA WAS FOUND. IN THE SECOND CASE, FROM AN ESTUARY ON THE WEST COAST, FIVE YEARS AFTER THE SHUTDOWN OF A SULFITE PULP MILL WHICH REGULARLY EMITTED WASTEWATER, LIVING ORGANISMS WERE BACK TO THE SAME LEVEL AS PRIOR TO POLLUTION. ALSO DISCUSSED IN GENERAL TERMS IS THE STRESS TOLERANCE OF ECOSYSTEMS WITH SOME BRIEF COMPARISONS BETWEEN BRACKISH WATER AND MARINE WATER SYSTEMS. THE AUTHOR CONCLUDES THAT SPECIES ALREADY LIVING UNDER STRESS AND LOW DIVERSITY ECOSYSTEMS SEEM TO RESIST ADDITIONAL STRESS SUCH AS POLLUTION BETTER THAN SPECIES AND ECOSYSTEMS THAT NORMALLY FORM STABLE, HIGH DIVERSITY SYSTEMS. THIS IMPLIES THAT THE ECOSYSTEMS ON THE SWEDISH WEST COAST MAY WELL BE OF MORE SENSITIVE NATURE THAN THOSE IN BRACKISH WATER AREAS.

SWEDEN

"MACROPHYTE REDUCTION THROUGH BIOLOGICAL METHODS." IVL - SWEDISH WATER AND AIR
 POLLUTION RESEARCH LABORATORY
 AHLING, BENGT
 SWEDISH
 ALSO PMB

EPA

ST()

03/00/76 PGS 1-12

ID# 03807A

BIOLOGICAL METHODS OF PREVENTING WATER PLANTS FROM TAKING OVER A LAKE AND THUS MAKING RECREATION, PROCUREMENT OF SUBSOIL WATER, AND PISCICULTURE IMPOSSIBLE, ARE DISCUSSED IN THIS PAMPHLET. THE METHODS INVOLVE THE IMPLANTATION OF PLANT-EATING ORGANISMS INTO A LAKE WITH THE DESIRABLE GROWTH REDUCTION BEING OBTAINED BY REGULATING THEIR NUMBERS. THE USE OF THE GRASS CARP (CTENOPHARYNGODON IDELLUS) AND ITS IMPLANTATION DURING 1970-72 INTO THE LAKE OF OSBY ARE DESCRIBED IN SOME DETAIL AND THE FOLLOWING FINDINGS REPORTED FROM THIS SUCCESSFUL EFFORT: 60 TWO-YEAR OLD GRASS CARP PER HA WILL CONTROL THE PLANT GROWTH IN A LAKE; AN IMPLANTATION OF 400 FISH PER HA WILL TOTALLY ELIMINATE THE GROWTH WITH THE EXCEPTION OF WEEDS WHICH THE GRASS CARP CANNOT HANDLE; THE METHOD IS ESTIMATED TO COST BETWEEN 1,500 TO 2,500 SWEDISH KRONER PER HA, EXCLUDING RESEARCH COSTS. ETC., MOST OF THE CARP SURVIVED THE WINTER; THE CARP MUST BE ARTIFICIALLY CULTIVATED IN SWEDEN OR IMPORTED FROM ABROAD; THE REST OF THE FISH POPULATION WAS NOT AFFECTED IN ANY NEGATIVE WAY.

WATER

SWEDEN

"PILOT STUDY CONCERNING THE EXTRACTION AND DEWATERING OF MERCURY CONTAMINATED FIBER SEDIMENT FROM THE BAY OF ORSERUM, VASTERVIK." IVL - SWEDISH WATER AND AIR POLL. RES. LAB. BERGSTROM, R., AND OTHERS
EPA
ST() SWEDISH 00/00/75 PGS 1-27 ID# 03816A
ALSO PMB AND SE
*TOXIC SUBS

SWEDEN

"TREATMENT OF WASTEWATER FROM A BLEACHED KRAFT PULP MILL IN A NON-AERATED AND AERATED LAGOON." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY BJORNDALE, HAKAN, AND OTHERS
EPA
ST() SWEDISH* 11/00/74 PGS 1-60 ID# 03826A
ALSO PMB/*SUMMARY IN ENGLISH

THIS STUDY WAS CARRIED OUT AT THE KORSNASVERKEN, A PLANT PRODUCING BLEACHED AND UNBLEACHED KRAFT PULP AND KRAFT PAPER ON THE EASTERN COAST OF SWEDEN IN THE VICINITY OF GAVLE. THE PURPOSE WAS TO SIMULATE THE CONDITIONS OF A PLANNED FULL-SCALE LAGOON WHERE WASTEWATER WILL BE GATHERED PRIOR TO ITS BEING EMITTED INTO A NEARBY BAY. TESTS INDICATED THAT EMISSIONS FROM THE DAM WOULD NOT CREATE AN ODOR PROBLEM SINCE THEY WOULD HAVE BEEN EFFECTIVELY DISPERSED BY THE LARGE SURFACE. WHETHER THE DAM WAS AERATED OR NOT WOULD HAVE NO EFFECT ON THIS MATTER. TESTS WERE ALSO PERFORMED TO CHECK THE BOD (BIOCHEMICAL OXYGEN DEMAND) AND DOC (DISSOLVED ORGANIC CARBON) REDUCTIONS UNDER VARIOUS CIRCUMSTANCES BOTH IN AN AERATED AND A NON-AERATED DAM. COST ESTIMATES FOR THE PROJECTS WERE ALSO CALCULATED.

SWITZERLAND

"ANTI-POLLUTION FIGHT MUST CONTINUE IN SPITE OF RECESSION." JOURNAL DE GENEVE

SE() FRENCH 05/22/76 PGS 7 ID# 03795A
EPA

DURING THE COURSE OF ITS 26TH DELEGATE MEETING, THE SWISS LEAGUE FOR THE PROTECTION OF AIR AND WATER APPEALED TO THE SWISS POPULATION TO PERSIST IN ENVIRONMENTAL PROTECTION EFFORTS IN SPITE OF THE ECONOMIC CONSTRAINTS BEING IMPOSED BY THE RECESSION. A REVIEW OF A CONFERENCE PRESENTATION ON "LAKES AS DRINKING WATER SUPPLY SOURCES" BY THE DIRECTOR OF THE ZURICH WATER SERVICES SIMILARLY EMPHASIZED AND ILLUSTRATED THE NECESSITY FOR WATER PROTECTION. ACCORDING TO THE REPORT THE AMOUNT OF DRINKING WATER DERIVED FROM SURFACE WATERS IS EXPECTED TO INCREASE FROM ITS PRESENT 21 PERCENT TO 45 PERCENT BY THE BEGINNING OF THE 21ST CENTURY, WITH A PARALLEL DECREASE IN SPRING AND GROUNDWATER SUPPLY SOURCES FROM THE PRESENT 79 PERCENT TO 55 PERCENT. MOREOVER, BECAUSE AIR POLLUTANTS CONTRIBUTE DIRECTLY TO THE POLLUTION OF SURFACE WATER, IT WAS ALSO STRONGLY URGED THAT ABATEMENT MEASURES IN THIS SECTOR OF THE ENVIRONMENT NOT BE DISREGARDED.

WATER

SWITZERLAND

SE()

"FEDERAL SUBSIDIES FOR WATER PROTECTION." JOURNAL DE GENEVE

EPA

FRENCH

04/14/76 PGS 9

ID# 03825A

THE SWISS FEDERAL INTERIOR DEPARTMENT IS REPORTED TO HAVE GRANTED SUBSIDIES AMOUNTING TO 25,716,494 FRANCS FOR THE INSTALLATION OF WASTEWATER TREATMENT PLANTS. AMONG THE 21 ASSOCIATIONS AND 60-ODD MUNICIPALITIES SLATED TO RECEIVE THIS FEDERAL ASSISTANCE ARE THE FOLLOWING: THE COMPANY FOR THE TREATMENT OF THE MEZIERE WASTEWATERS, SERVING THE MUNICIPALITIES IN THE CARROUGE, FERLENS, VUILLIENS, AND VUCHERENS (1,109,345 FRANCS); 45 MUNICIPALITIES IN THE CANTON OF GENEVA (ADDITIONAL SUBSIDIES OF 1.7 MILLION FRANCS); SION (463,888 FRANCS); CHALAIS (301,342 FRANCS); AND ENGES (125,573 FRANCS).



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