

# SUMMARIES

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## 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.

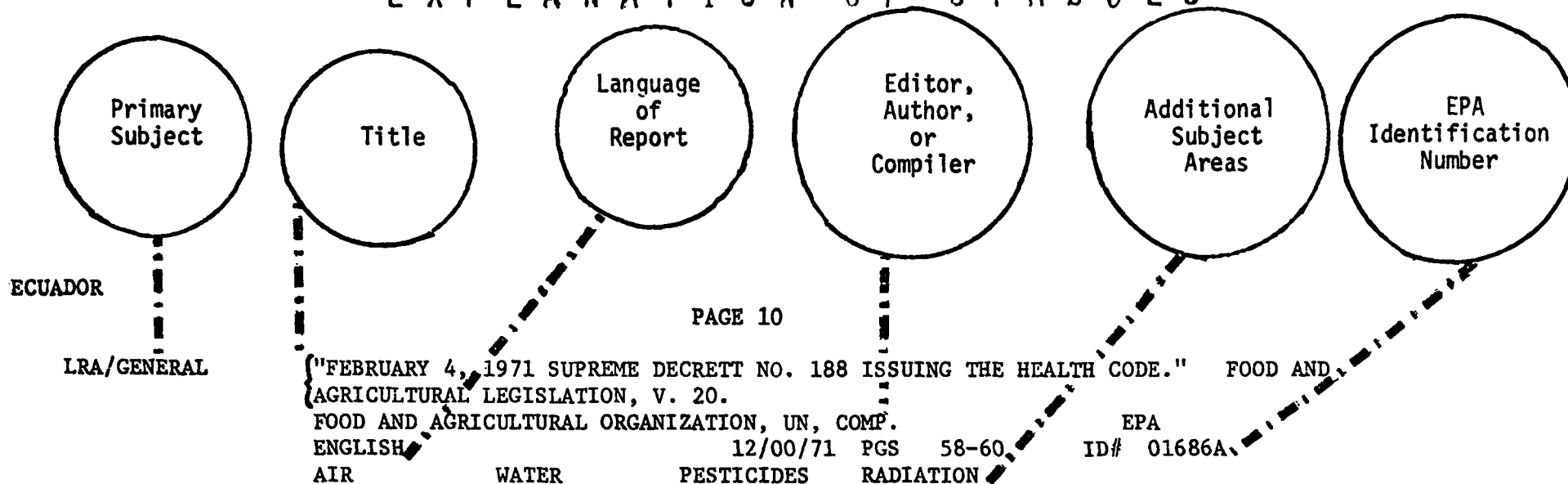
### Translations

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### Source Documents

EPA staff may request the original documents, located in the EPA Headquarters Library in Washington, by using the order form in the back. The documents are not loaned outside the Agency. Others may use the collection at Headquarters for reference purposes.

# EXPLANATION OF SYMBOLS



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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AIR

AUSTRIA

BEITRAEGE: UMWELTSCHUTZ, LEBENSMITTELANGELEGENHEITEN, VETERINAERVERWALTUNG  
 (REPORTS: ENVIRONMENTAL PROTECTION, MATTERS RELATED TO FOODSTUFFS, VETERINARY ADMINISTRATION)  
 AUSTRIA. FED. MIN. FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA  
 GERMAN 01/00/76 PGS 1-147 ID# 04056A  
 RADIATION TOXIC SUBS

PM(B)

THIS VOLUME, THE FIRST OF A SERIES OF SUCH VOLUMES INTENDED TO PROVIDE INFORMATION ON ENVIRONMENTAL PROTECTION, FOODSTUFFS CONTROL AND VETERINARY ADMINISTRATION, CONTAINS FOUR REPORTS ON RESEARCH PROJECTS SPONSORED BY THE AUSTRIAN FEDERAL MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION. THE INDIVIDUALLY AUTHORED ARTICLES ARE ENTITLED: A) REPORT ON THE EMISSIONS SITUATION IN THE AUSTRIAN IRON AND STEEL INDUSTRY AND IN THE AUSTRIAN CERAMICS INDUSTRY; B) STUDY ON CONTACT WITH RADIOACTIVE WASTES IN AUSTRIA; C) THE ARSENIC CONTENT OF FOODSTUFFS; AND D) DIAGNOSIS OF ENZOOTIC PNEUMONIA IN SWINE BY MEANS OF IMMUNOFLUORESCENCE.

BRAZIL

"CAMPINAS APPLIES 1975 DECREE AND CLOSES PLANT." O ESTADO DE SAO PAULO  
 EPA

LR(B)

PORTUGUESE 05/05/76 PGS 19 ID# 03046G

THIS ARTICLE REPORTS ON MEASURES TAKEN BY THE MUNICIPALITY OF CAMPINAS, BRAZIL TO CLOSE DOWN TWO HIGHLY POLLUTING INDUSTRIAL PLANTS IN ACCORDANCE WITH THE AUGUST 14, 1975 FEDERAL DECREE-LAW NO. 1.413. (SEE ID #03046A.) THE TWO PLANTS IN QUESTION HAVE RECEIVED THE MOST PUBLIC COMPLAINTS WITH REGARD TO ENVIRONMENTAL POLLUTION IN THE AREA. AFTER THREE WARNINGS AND A 30-DAY DEADLINE TO INSTALL POLLUTION CONTROL EQUIPMENT, ONE PLANT (INDUSTRIA BRASILEIRA DE ACIDOS GRAXOS) WAS CLOSED DOWN, EVEN THOUGH THE NECESSARY EQUIPMENT WAS BEING IMPORTED. IN A SIMILAR CASE AN ASPHALT PLANT WAS DENIED AN OPERATOR'S LICENSE BY THE MUNICIPALITY, RESULTING IN THE TEMPORARY SUSPENSION OF THE PLANT'S OPERATIONS. THE RELOCATION OF THIS PLANT TO ANOTHER AREA IS NOW PLANNED.

BRAZIL

LEGISLACAO BASICA (BASIC LEGISLATION)  
 BRAZIL. SECRETARIA ESPECIAL DO MEIO AMBIENTE EPA  
 PORTUGUESE 00/00/76 PGS 1-27 ID# 04021A  
 \*GENERAL WATER

LR(A)

AIR

GERMANY, FED REP OF

AUGUST 5, 1971 LAW TO REDUCE AIR POLLUTION CAUSED BY LEAD COMPOUNDS IN  
CARBURETOR FUELS FOR MOTOR VEHICLE ENGINES, AS LAST AMENDED NOVEMBER 25, 1975

EPA

LR(A)

ENGLISH

00/00/76 PGS 1-8

ID# 01312F

THIS TEXT PROVIDES AN ENGLISH TRANSLATION OF THE AUGUST 5, 1971 LEADED GASOLINE LAW. THE LAW PROVIDES THAT FROM JANUARY 1, 1972, THE LEAD CONTENT OF GASOLINE MAY NOT EXCEED 0.40 GRAMS PER LITER. AS OF JANUARY 1, 1976, THE LEAD CONTENT IS TO BE REDUCED TO 0.15 GRAMS PER LITER. THE PROVISIONS ALSO APPLY TO OTHER METALLIC COMPOUNDS USED IN PLACE OF LEAD. THE FEDERAL OFFICE OF TRADE AND INDUSTRY MAY GRANT EXEMPTIONS FROM THESE PROVISIONS FOR LIMITED PERIODS OF TIME IN CERTAIN INSTANCES. TO OFFSET ANY ECONOMIC ADVANTAGE THE HOLDER OF SUCH AN EXEMPTION MIGHT ACQUIRE, BETWEEN JANUARY 1, 1976 AND DECEMBER 31, 1977 A FEE OF ONE PFENNIG PER LITER FUEL IS TO BE LEVIED FOR FUEL WITH A LEAD CONTENT UP TO 0.25 GRAMS AND A FEE OF TWO PFENNIG PER LITER IS TO BE CHARGED FOR FUEL WITH A HIGHER LEAD CONTENT. (THE GERMAN TEXT OF THIS LAW HAS BEEN ABSTRACTED AS ID NO. 01312A.)

GERMANY, FED REP OF

SURVEY OF RULES AND REGULATIONS PROMULGATED BY THE FEDERAL GOVERNMENT IN THE  
FIELD OF ENVIRONMENTAL PROTECTION

GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR

EPA

LR(B)

ENGLISH

09/10/74 PGS 1-18

ID# 04060A

\*GENERAL

RADIATION

SOLID WASTE

WATER

GERMANY, FED REP OF

UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)

GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR

EPA

PM(A)

GERMAN

00/00/76 PGS 1-293

ID# 04033A

ALSO PMB, LRB

\*GENERAL

WATER

NOISE

SOLID WASTE

TOXIC SUBS

GREAT BRITAIN

PROGRESS SUSTAINED: CHANGES IN THE BRITISH ENVIRONMENTAL SCENE. REPORT TO  
THE SECOND SESSION OF THE GOVERNING COUNCIL OF THE U.N. ENVIRONMENT PROGRAMME  
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

EPA

PM(B)

ENGLISH

00/00/74 PGS 1-39

ID# 03993A

ALSO PMA, LRB

\*GENERAL

WATER

AIR

GREAT BRITAIN

ST( )

DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV:  
 ENVIRONMENTAL POLLUTION  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
 ENGLISH 00/00/76 PGS 1-255 ID# 03005C  
 \*GENERAL WATER NOISE RADIATION TOXIC SUBS

HUNGARY

PM(A)

BRIEF INFORMATION ON THE PROTECTION OF ENVIRONMENT IN HUNGARY  
 HUNGARY. SECRETARIAT, NATL. COUNCIL FOR ENVIRONMENT PROT. EPA  
 ENGLISH 00/00/76 PGS 1-11 ID# 04024A  
 ALSO LRB, PMB  
 \*GENERAL WATER LAND USE SOLID WASTE

MEXICO

PM(B)

"30,000 MILLION SPENT AGAINST THE AFFLICTION." EXCELSIOR  
 SPANISH 06/05/76 PGS 4A EPA  
 SOLID WASTE WATER ID# 03994A

ON THE OCCASION OF THE U. N. HUMAN HABITAT CONFERENCE HELD IN VANCOUVER, CANADA, THE MEXICAN  
 SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT STATED THAT THE CURRENT MEXICAN ADMINISTRATION (UNDER  
 PRESIDENT ECHEVERRIA) HAS SPENT 30 BILLION PESOS IN THE FIGHT AGAINST POLLUTION. AIR POLLUTION  
 AND SOLID WASTE DISPOSAL CONTROLS HAVE BEEN INSTITUTED AT 72,000 OF THE MOST IMPORTANT INDUSTRIAL  
 ESTABLISHMENTS; HOWEVER, EXTREME PROBLEMS CONCERNING URBAN SANITATION AND THE POLLUTION OF WATER  
 RESOURCES MUST STILL BE SOLVED.

NEW ZEALAND

PM(B)

AUCKLAND RAPID TRANSIT SCHEME: STAGE ONE. ENVIRONMENTAL IMPACT REPORT;  
 SUBMISSIONS; AND AUDIT  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/74 PGS 1-120 ID# 04017A  
 \*GENERAL LAND USE NOISE WATER

AIR

NORWAY

"COMPENSATION FOR AIRPLANE NOISE ORDERED DISBURSED." AFTENPOSTEN  
EPA  
NORWEGIAN 10/18/76 PGS 9 ID# 04026A

LR(B)

NINE PROPERTY OWNERS CLOSE TO FLESNES AIRPORT WILL RECEIVE 190,000 NORWEGIAN KRONER IN COMPENSATION FOR AIRPLANE NOISE. THE DEFENDANT IN THIS CASE, THE MINISTRY OF DEFENSE, WILL ALSO HAVE TO PAY AN ANNUAL INTEREST RATE OF FIVE PERCENT ON THIS AMOUNT RETROACTIVE FROM SEPTEMBER 14, 1967, WHEN THE CLAIM WAS FILED. THE CIRCUIT COURT OF GULATING HAD EARLIER THIS YEAR GRANTED THE COMPENSATION TO THE PLAINTIFF, AND AT A RECENT CABINET MEETING THE DAMAGES WERE ORDERED DISBURSED. THIS ARTICLE ALSO REPORTS THAT AN ADDITIONAL SEVEN PROPERTY OWNERS WHO HAVE FILED SUIT IN A SIMILAR CASE ARE STILL AWAITING FINAL SETTLEMENT.

NORWAY

"A 45 PERCENT ENERGY PROFIT WITH FLUE GAS PURIFICATION." AFTENPOSTEN  
EPA  
NORWEGIAN 08/07/76 PGS 16 ID# 04007A

PM(B)

THIS ARTICLE REPORTS THAT IN THE NEXT FEW YEARS THE EXISTING 10-15 SMELTERIES IN NORWAY MUST EQUIP ALL OF THEIR OPEN FERRO-ALLOY OVENS WITH SMOKE PURIFICATION FILTERS. THIS PROCESS WILL HAVE A TWO-FOLD EFFECT ON THE ENVIRONMENT. NOT ONLY WILL IT PRODUCE CLEANER AIR BUT ENERGY WILL ALSO BE SAVED. SINCE THE EQUIPMENT INVOLVED IN PURIFICATION IS SENSITIVE TO HEAT, THE SMOKE MUST FIRST BE COOLED OFF, A PROCESS WHICH RELEASES ENERGY. AN ESTIMATE AT ONE OF THE SMELTERIES HAS SHOWN THAT THE RELEASED ENERGY WOULD BE SUFFICIENT TO COVER 45 PERCENT OF THE TOTAL ENERGY NEED AT THIS INSTALLATION. AT OTHER PLACES, THE EXCESS ENERGY WILL BE USED TO PRODUCE STEAM OR REMOTE HEAT.

SOUTH AFRICA

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1  
RABIE, ANDRE  
ENGLISH 00/00/76 PGS 1-199 ID# 04048A  
\*GENERAL NOISE WATER PESTICIDES LAND USE SOLID WASTE

LR(B)

SWEDEN

"CORRELATION OF MOSS SAMPLING TECHNIQUES WITH DIRECT IMMISSION MEASUREMENT OF MERCURY FALLOUT." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY  
SKARBY, LENA  
SWEDISH 09/00/76 PGS 1-23 ID# 04041A

ST( )

THE PURPOSE OF THIS STUDY WAS TO ESTABLISH IF ANY CORRELATION EXISTED BETWEEN MERCURY CONTENT IN MOSS (HYPNUM CUPRESSIFORME) AND MERCURY DEPOSITED BY RAIN COLLECTED AT SIX LOCALITIES AROUND A CHLOR-ALKALI PLANT. THE RESULTS INDICATE NO SUCH CORRELATION. INVESTIGATIONS OF MERCURY CONCENTRATIONS IN THE AIR AROUND THE SAME PLANT SUGGEST, HOWEVER, THAT THE MERCURY LEVEL IN MOSS REFLECTS THE MERCURY LEVEL IN AIR. THE STUDY ALSO INCLUDES AN INVESTIGATION TO DETERMINE THE TIME REQUIRED FOR UNPOLLUTED MOSS, TRANSPLANTED TO THE SAME SIX LOCALITIES, TO REACH THE SAME MERCURY LEVEL AS THE MOSS GROWING NATURALLY AROUND THE CHLOR-ALKALI PLANT. AFTER ONE YEAR THE TRANSPLANTED MOSS CLOSE TO THE PLANT (360 M) HAD A MERCURY CONCENTRATION WHICH WAS 1/3 OF THAT IN THE NATURALLY GROWING MOSS. AT 2 KM FROM THE SOURCE IT WAS 2/3 WHEREAS AT 5.6 KM, THE TRANSPLANTED MOSS HAD REACHED THE SAME MERCURY LEVEL AS THE NATURALLY GROWING MOSS.



AIR

SWITZERLAND

"AMENDMENTS 01 TO REGULATION NO. 15 ON VEHICLE APPROVAL." RECUEIL DES  
LOIS FEDERALES, NO. 10

LR(A)

FRENCH

03/17/75 PGS 520-30

EPA  
ID# 03367B

THESE AMENDMENTS TO REGULATION NO. 15 ON UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES EQUIPPED WITH A POSITIVE IGNITION TYPE ENGINE WITH REGARD TO THE EMISSION OF GASEOUS POLLUTANTS BY THE ENGINE, WERE APPROVED ON JULY 11, 1974 TO ENTER INTO EFFECT ON DECEMBER 11, 1974 IN SWITZERLAND. AMENDED PROVISIONS CONCERN THE DESIGNATION OF AN INTERNATIONAL SYMBOL OF APPROVAL; CARBON MONOXIDE AND HYDROCARBON PERMISSIBLE EMISSION LEVELS; AND THE EXTENSION OF APPROVAL TO VEHICLES OF VARYING SPECIFICATIONS.

UNITED NATIONS

"UNESCO CONCERNED ABOUT AUTOMOBILE POLLUTION." LE FIGARO  
SCHWEITZER, GENEVIEVE

SE( )

FRENCH  
NOISE

10/05/76 PGS 8

EPA  
ID# 04058A

250 GOVERNMENT AND INDUSTRY REPRESENTATIVES FROM OVER 30 NATIONS MET AT THE UNESCO HOUSE IN PARIS UNDER THE AEGIS OF THE UNITED NATIONS ENVIRONMENTAL PROGRAM TO DISCUSS THE SUBJECT OF AUTOMOBILE POLLUTION. SPEAKING FOR FRANCE, MR. ANSQUER, THE MINISTER FOR THE QUALITY OF LIFE, STRESSED THE FACT THAT INCREASES IN BOTH NOISE AND AIR POLLUTION FROM A GROWING NUMBER OF AUTOS WERE MAKING IMPERATIVE THE ADOPTION OF MEASURES TO REDUCE NUISANCES AT THE SOURCE. ALTHOUGH ABATEMENT EFFORTS HAVE BEEN TAKEN IN THE PAST, LEGISLATION AND STANDARDS STILL EXHIBIT A LACK OF UNIFORMITY IN THEIR IMPLEMENTATION WITHIN THE VARIOUS COUNTRIES. DELEGATES CALLED FOR BETTER COORDINATION, AS WELL AS ADDITIONAL RESEARCH IN AREAS WHERE DATA IS STILL UNAVAILABLE (E.G. SULFATES). POSSIBLE NOISE POLLUTION REMEDIES CONSIDERED ENTAILED INCREASES IN THE RETAIL PRICE OF CARS. EUROPEAN INDUSTRY REPRESENTATIVES WHO MANIFESTED APPREHENSION AT THIS PROSPECT WERE TOLD BY US INDUSTRIALISTS THAT INCREASES HAD NOT AFFECTED RETAIL SALES THERE.

WHO

MANUAL ON URBAN AIR QUALITY MANAGEMENT. WHO REGIONAL PUBLICATIONS.  
EUROPEAN SERIES NO. 1

PM(B)

WORLD HEALTH ORGANIZATION. REGIONAL OFFICE FOR EUROPE  
ENGLISH  
ALSO ST

00/00/76 PGS 1-200

EPA  
ID# 04038A

TO DEFINE AIR POLLUTION PROBLEMS MORE CLEARLY AND TO PROVIDE GUIDELINES FOR GOOD AIR QUALITY MANAGEMENT PRACTICES, THE WHO REGIONAL OFFICE FOR EUROPE HAS PREPARED THIS MANUAL, WHICH APPEARS AS THE FIRST IN A NEW SERIES OF WHO REGIONAL PUBLICATIONS. THIS MANUAL CONTAINS TEN CHAPTERS, MOST OF WHICH WERE COMMISSIONED BY WHO FROM SPECIALISTS IN THE FIELD OF AIR QUALITY AND SUBSEQUENTLY REVIEWED BY TWO SPECIAL WORKING GROUPS. CHAPTER 1 REVIEWS THE WHOLE FIELD OF AIR POLLUTION CONTROL AND ABATEMENT WITH ADMINISTRATORS AND POLICYMAKERS PARTICULARLY IN MIND. OTHER CHAPTERS DEAL WITH SUCH TOPICS AS THE LEGAL AND ADMINISTRATIVE ASPECTS OF AIR QUALITY MANAGEMENT, ECONOMIC CONSIDERATIONS, AIR QUALITY CRITERIA, TOWN AND COUNTRY PLANNING, THE METEOROLOGY OF AIR POLLUTION, AND AIR QUALITY SURVEILLANCE. ALTHOUGH NOT A COMPLETE TREATISE ON AIR QUALITY MANAGEMENT, THIS MANUAL PROVIDES A SUMMARY OF INTERNATIONAL EXPERIENCE IN THE FIELD OF AIR POLLUTION CONTROL.

## GENERAL

## BRAZIL

LR(A)

LEGISLACAO BASICA (BASIC LEGISLATION)  
 BRAZIL. SECRETARIA ESPECIAL DO MEIO AMBIENTE  
 PORTUGUESE 00/00/76 PGS 1-27  
 WATER AIR

EPA  
 ID# 04021A

THIS PUBLICATION, ISSUED BY THE SPECIAL SECRETARIAT FOR THE ENVIRONMENT OF THE BRAZILIAN MINISTRY OF INTERIOR, COMPILES THE TEXTS OF THE BASIC ENVIRONMENTAL LEGISLATION OF BRAZIL, INCLUDING: DECREE NO. 73.030 OF OCTOBER 30, 1973 CREATING THE SPECIAL SECRETARIAT FOR THE ENVIRONMENT AND ITS FUNCTIONS; DECREE-LAW NO. 1.413 OF AUGUST 14, 1975 DELINEATING A POLICY FOR THE CONTROL OF POLLUTION FROM INDUSTRIAL ACTIVITIES; DECREE NO. 76.389 OF OCTOBER 3, 1975 ON MEASURES FOR THE PREVENTION AND CONTROL OF INDUSTRIAL POLLUTION; APRIL 11, 1975 ORDER OF THE SPECIAL SECRETARIAT FOR THE ENVIRONMENT REGARDING THE MAXIMUM CONCENTRATION OF MERCURY IN MARINE AND FRESH WATERS; JANUARY 15, 1976 ORDER NO. 0013 OF THE MINISTRY OF INTERIOR ESTABLISHING WATER QUALITY CLASSIFICATIONS FOR INLAND WATERS; AND APRIL 27, 1976 ORDER NO. 0231 OF THE MINISTRY OF INTERIOR ESTABLISHING AIR QUALITY STANDARDS.

## BRAZIL

PM(A)

"ENVIRONMENT WILL HAVE A PROTECTION COUNCIL." O ESTADO DE SAO PAULO  
 PORTUGUESE 05/23/76 PGS 34  
 ALSO PMB, LRB, SE

EPA  
 ID# 03990A

THIS ARTICLE REPORTS ON A STUDY CARRIED OUT BY BRAZILIAN GOVERNMENT TECHNICIANS POINTING OUT SOME OF THE INHERENT WEAKNESSES IN BRAZILIAN ENVIRONMENTAL ADMINISTRATION AND PROPOSING CHANGES NEEDED TO OBTAIN ADEQUATE USE AND PROTECTION OF THE COUNTRY'S NATURAL RESOURCES. ORGANIZATIONAL, ECONOMIC, AND TECHNICAL INADEQUACIES ARE CITED, AND THE EFFECTS OF THESE INADEQUACIES ON THE OPERATIONS OF THE SPECIAL SECRETARIAT OF THE ENVIRONMENT AND THE FOREST PROTECTION INSTITUTE ARE GIVEN AS EXAMPLES. THE PRIMARY PROPOSAL OF THE STUDY FAVORS THE CREATION OF A NATURAL RESOURCES COUNCIL COMPRISED OF THE MINISTERS OF AGRICULTURE, INTERIOR, INDUSTRY AND COMMERCE, HEALTH, AND PLANNING. OTHER RECOMMENDATIONS INCLUDE THE ESTABLISHMENT OF DEFINITIONS OF BASIC ENVIRONMENTAL PARAMETERS TO BE FOLLOWED AT ALL LEVELS OF GOVERNMENT ACTIVITY AND THE CREATION OF A NATIONAL GREEN AREAS PLAN, AN ENVIRONMENTAL IMPACT REPORTING SYSTEM, AND A NATURE PROTECTION FUND.

## BRAZIL

PM(B)

"THE NATION WILL HAVE ENVIRONMENTAL CONTROL." O ESTADO DE SAO PAULO  
 PORTUGUESE 06/30/76 PGS 18

EPA  
 ID# 04052A

THIS ARTICLE DISCUSSES THE FORTHCOMING CREATION, IN BRAZIL, OF THE NATIONAL ENVIRONMENTAL CONTROL SYSTEM (SINACAM). REFLECTING THE GOVERNMENT'S COMMITMENT TO ENVIRONMENTAL PROTECTION, THIS SYSTEM WILL DIAGNOSE THE ENVIRONMENTAL SITUATION IN THE COUNTRY BY REGION AND FORMULATE PREVENTIVE AND CORRECTIVE MEASURES FOR CONTROLLING ENVIRONMENTAL DETERIORATION THROUGH THE COOPERATION OF INVOLVED AGENCIES AND WITH DUE CONSIDERATION OF PUBLIC HEALTH FACTORS AND ECONOMIC CAPACITY. SINACAM WILL BE A THREE-YEAR PROGRAM COMPLETED IN STAGES AND WILL INVOLVE THE COLLECTION OF REGIONAL ENVIRONMENTAL DATA, WHICH WILL BE USED TO DEFINE ADEQUATE ENVIRONMENTAL ORGANIZATION AND PARAMETERS ACCORDING TO REGIONAL NEEDS. ENVIRONMENTALISTS RECOGNIZE THE IMPLEMENTATION OF SINACAM AS A SERIOUS STEP ON THE PART OF THE GOVERNMENT TO CURB THE ADVERSE EFFECTS OF ENVIRONMENTAL DETERIORATION ON THE PUBLIC HEALTH AND THE ECONOMIC WELL-BEING OF THE COUNTRY.

## GENERAL

## CANADA

## THE ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS (EARP), PROCEDURES AND RESPONSIBILITIES

PM(B) CANADA. ENVIRONMENT CANADA EPA  
 ENGLISH 00/00/76 PGS 1-7 ID# 03911A

IN ACCORDANCE WITH THE FEDERAL ASSESSMENT AND REVIEW POLICY, APPROVED BY THE CANADIAN CABINET IN 1973, THIS DOCUMENT, PREPARED BY ENVIRONMENT CANADA, SETS FORTH THE REVISED PROCEDURES AND RESPONSIBILITIES FOR THE ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS IN CANADA, WHICH IS MANDATORY FOR FEDERAL PROJECTS AND RECOMMENDED FOR OTHERS. THE INITIATING AGENCY OF A PROJECT MUST DECIDE, THROUGH PRELIMINARY SCREENING PROCEDURES AND WITH THE AID OF THE REGIONAL COORDINATING AND SCREENING COMMITTEES OF ENVIRONMENT CANADA, WHETHER THE PROJECT CARRIES A SIGNIFICANT IMPACT ON THE ENVIRONMENT. IF SUCH IS THE CASE, THE AGENCY WILL REQUEST ENVIRONMENT CANADA TO APPOINT AN ENVIRONMENTAL ASSESSMENT PANEL WHICH WILL FORMULATE GUIDELINES FOR THE PREPARATION OF AN IMPACT STATEMENT AND WHICH WILL SUBSEQUENTLY SUBMIT THE STATEMENT WITH RECOMMENDATION AND PUBLIC COMMENTS TO THE MINISTER OF THE ENVIRONMENT AND MINISTER OF THE SPONSORING AGENCY. THE MINISTERS WILL THEN MAKE A JOINT DECISION ON THE PROJECT, THE CABINET HAVING FINAL SAY IN CASES OF DISAGREEMENT.

## CANADA

## AN ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR CANADA

PM(B) CANADA. CANADIAN ENVIRONMENTAL ADVISORY COUNCIL EPA  
 ENGLISH 02/00/74 PGS 1-8 ID# 03911B

THIS REPORT OF THE CANADIAN ENVIRONMENTAL ADVISORY COUNCIL PROPOSES AN IDEAL ENVIRONMENTAL IMPACT ASSESSMENT PROCESS FOR CANADA, DIFFERING SUBSTANTIALLY FROM THE PROCESS CURRENTLY IN USE BY ENVIRONMENT CANADA AS OF FEBRUARY 1975 (SEE ID #03911A). THE IMPLEMENTATION OF THE PROPOSED PROCESS, WHICH DEFINES ENVIRONMENTAL ASSESSMENT AS THE PROCESS WHICH LEADS TO AN ENVIRONMENTAL IMPACT STATEMENT, WOULD PROVIDE: 1) THE ENVIRONMENTAL IMPACT ASSESSMENT OF PROPOSED ACTIVITIES BEFORE THEY ARE APPROVED; 2) THE RECOGNITION OF CERTAIN ECOLOGICAL ABSOLUTES WHICH MAY NOT BE TRANSGRESSED AND WHICH NECESSARILY PROHIBIT CERTAIN ACTIVITIES; 3) THE SPECIFICATION OF CERTAIN ACTIVITIES WHICH WOULD NOT SIGNIFICANTLY AFFECT THE ENVIRONMENT AS WELL AS THE CHARACTERISTICS OF ACTIVITIES WHICH DO REQUIRE ENVIRONMENTAL ASSESSMENT; 4) THE DESIGNATION OF ACTIVITIES COMING UNDER FEDERAL JURISDICTION AND THEREFORE SUBJECT TO ASSESSMENT; 5) THE ABILITY OF THE PUBLIC TO REQUEST ASSESSMENTS; AND 6) THE CREATION OF AN ENVIRONMENTAL REVIEW BOARD.

## CANADA

## JAMES BAY HYDRO-ELECTRIC PROJECT ENVIRONMENTAL CONCERNS

PM(B) CANADA. ENVIRONMENT CANADA EPA  
 ENGLISH\* 03/24/75 PGS 1-45 ID# 04051A  
 \*ALSO FRENCH; ALSO ST

SINCE 1971, ENVIRONMENT CANADA HAS BEEN CONDUCTING EXTENSIVE STUDIES PERTAINING TO HYDROELECTRIC DEVELOPMENT IN THE JAMES BAY AREA IN NORTHERN QUEBEC AND, THROUGH ITS COST-SHARING AGREEMENT WITH THE JAMES BAY DEVELOPMENT CORPORATION, HAS CONTRIBUTED TO RESEARCH LEADING TO IDENTIFICATION OF A NUMBER OF SPECIFIC ENVIRONMENTAL CONCERNS WHICH THIS DOCUMENT PRESENTS WITH A DISCUSSION OF POSSIBLE REMEDIAL MEASURES. THE REPORT, PREPARED BY A GROUP OF SENIOR ENVIRONMENT CANADA OFFICERS, SUMMARIZES THE VIEWS AND FINDINGS TO DATE OF FEDERAL PARTICIPANTS IN THE JAMES BAY STUDIES ON ISSUES RELATED TO THE ENVIRONMENTAL IMPACT OF PROPOSED DEVELOPMENT. BEGINNING WITH A DESCRIPTION OF THE PROPOSED DEVELOPMENT, THE REPORT COVERS THE FOLLOWING PHYSICAL CHANGES TO THE ENVIRONMENT: CHANGES IN LAND AND WATER MASS RATION AND IN THE AQUATIC ENVIRONMENT; CLIMATIC CHANGES; CHANGES ON LAND SYSTEMS; AND EFFECTS ON THE BIOTIC ENVIRONMENT. (A FRENCH VERSION OF THE REPORT IS ALSO PROVIDED.)

## - GENERAL

FRANCE

"RHINE-RHONE CANAL TO SPARE ENVIRONMENT." LE FIGARO  
SCHWEITZER, GENEVIEVE  
FRENCH

PM(B)

07/28/76 PGS 4

EPA  
ID# 04010A

THE FRENCH STATE SECRETARY FOR THE ENVIRONMENT HAS ANNOUNCED THAT STUDIES INDICATE THAT THE CANAL PROJECTED FOR CONSTRUCTION BETWEEN THE RHINE AND RHONE RIVERS WILL NOT ADVERSELY AFFECT THE ENVIRONMENT. TWENTY-NINE STUDIES WERE UNDERTAKEN AT THE REQUEST OF THE FRENCH PRESIDENT ON HIS GRANTING APPROVAL TO THE PROJECT IN NOVEMBER 1975, AND ONLY A SMALL NUMBER REMAIN TO BE COMPLETED. MODIFICATIONS TO THE PROJECT RESULTING FROM THE STUDIES ARE DESCRIBED BY THE AUTHOR, TOGETHER WITH CONSTRUCTION PROBLEMS WHICH ARE STILL UNDER CONSIDERATION. NOISE IMPACT, AND EFFECT ON GROUNDWATER, WILDLIFE, AND LANDSCAPE ARE DISCUSSED.

GERMANY, FED REP OF

PRINCIPLES FOR ASSESSING THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES  
TAKEN BY THE FEDERATION

LR(A)

ENGLISH

00/00/00 PGS 1-11

EPA  
ID# 03679B

THE TEXT OF THIS DOCUMENT CONTAINS AN ENGLISH TRANSLATION OF THE PRINCIPLES FOR ASSESSING THE ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES TAKEN BY THE FEDERATION, PLUS A SIX-PAGE EXPLANATORY MEMORANDUM. THE PRINCIPLES ARE TO BE APPLIED TO PUBLIC MEASURES OF FEDERAL AUTHORITIES, FEDERAL CORPORATE BODIES, INSTITUTIONS AND FOUNDATIONS. THEY ARE DESIGNATED TO PROTECT MAN, ANIMALS, VEGETATION, AND VULNERABLE PROPERTY FROM HARMFUL ENVIRONMENTAL INFLUENCES IN A PREVENTIVE FASHION. AUTHORITIES ARE TO EXAMINE THE ENVIRONMENTAL RELEVANCE AND COMPATIBILITY OF MEASURES AT THE EARLIEST POSSIBLE STAGE. THE PRINCIPLES PROVIDE FOR CONSULTATION AMONG VARIOUS PUBLIC AUTHORITIES, AND THE ASSESSMENT PROCEDURE IS OUTLINED IN DETAIL. THE EXPLANATORY MEMORANDUM EXPLAINS THE PRINCIPLES SECTION BY SECTION AND LISTS OTHER LAWS AND PROVISIONS REQUIRING SOME ASSESSMENT OF ENVIRONMENTAL COMPATIBILITY OF PUBLIC MEASURES. (THE ORIGINAL GERMAN TEXT OF THE PRINCIPLES MAY BE FOUND UNDER ID NO. 03679A.)

GERMANY, FED REP OF

"MOST VIOLATIONS AGAINST WATER PROTECTION." UMWELT: FORSCHUNG, GESTALTUNG,  
SCHUTZ, NO. 5

LR(B)

GERMAN  
WATER

10/00/75 PGS 6

EPA  
ID# 04025A

IN THE FIRST HALF OF 1975, PUBLIC PROSECUTORS IN NORTH RHINE-WESTPHALIA INSTITUTED PRELIMINARY PROCEEDINGS AGAINST 887 VIOLATIONS OF ENVIRONMENTAL REGULATIONS. OF THESE INSTANCES, 653 CASES WERE RESOLVED IN SOME FASHION. IT WAS FOUND THAT MOST VIOLATIONS (53.8 PERCENT) WERE AGAINST PROVISIONS FOR WATER PROTECTION. OF THE REMAINING VIOLATIONS, 14.8 PERCENT WERE OF REGULATIONS IN THE AREA OF NATURE, LANDSCAPE AND WILDLIFE PROTECTION; 14.7 PERCENT OF PROVISIONS FOR SAFE REMOVAL OF WASTE AND DISEASE PREVENTION; AND 10.7 PERCENT OF PROVISIONS FOR THE MAINTENANCE OF AIR PURITY AND NOISE ABATEMENT.

## GENERAL

GERMANY, FED REP OF

SURVEY OF RULES AND REGULATIONS PROMULGATED BY THE FEDERAL GOVERNMENT IN THE  
FIELD OF ENVIRONMENTAL PROTECTION

LR(B)

GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
ENGLISH 09/10/74 PGS 1-18 ID# 04060A  
AIR RADIATION SOLID WASTE WATER

THIS TRANSLATED SURVEY BEGINS WITH A LIST OF 11 MAJOR LAWS IN THE FIELD OF THE ENVIRONMENT. THE MOST IMPORTANT FEATURES OF THESE LAWS ARE SUMMARIZED ON SUCCEEDING PAGES. LAWS DESCRIBED ARE: THE APRIL 12, 1972 THIRTIETH LAW IN AMENDMENT OF THE BASIC LAW (ART. 74-PROTECTION OF THE ENVIRONMENT); JULY 27, 1957 WATER MANAGEMENT LAW; DECEMBER 23, 1959 ATOMIC ENERGY ACT; SEPTEMBER 5, 1961 LAW ON THE USE OF DETERGENTS IN WASHING AND CLEANING AGENTS; DECEMBER 23, 1968 WASTE OIL LAW; MARCH 30, 1971 LAW FOR THE ABATEMENT OF AIRCRAFT NOISE; AUGUST 5, 1971 PETROL LEAD LAW; JUNE 7, 1972 WASTE DISPOSAL LAW; MARCH 15, 1974 FEDERAL IMMISSIONS CONTROL LAW; JULY 22, 1974 LAW ON THE ESTABLISHMENT OF A FEDERAL ENVIRONMENTAL AGENCY; AND AUGUST 15, 1974 LAW ON ENVIRONMENTAL STATISTICS.

GERMANY, FED REP OF

THE COUNCIL OF ENVIRONMENTAL ADVISORS

PM(A)

ENGLISH 05/20/76 PGS 1-4 EPA  
ID# 04022A

THE COUNCIL OF ENVIRONMENTAL ADVISORS WAS ESTABLISHED BY DECREE OF DECEMBER 28, 1971 TO COMPILE PERIODIC REPORTS ON THE ENVIRONMENTAL SITUATION IN THE FEDERAL REPUBLIC, TO PREPARE SPECIAL REPORTS ON ISSUES OF CURRENT IMPORTANCE, AND TO OFFER COMMENTS ON INDIVIDUAL QUESTIONS OF ENVIRONMENTAL POLICY. IT IS TO INFORM THE PUBLIC AND THE VARIOUS RELEVANT AREAS OF GOVERNMENT OF THE PREVAILING NATIONAL ENVIRONMENTAL SITUATION AND ITS TRENDS. THIS BRIEF PAPER ABOUT THE COUNCIL DESCRIBES ITS COMPOSITION, ACTIVITIES AND PRINCIPLE ACHIEVEMENTS TO DATE, AND THE NATURE OF ITS WORK. A FINAL PAGE LISTS THE 12 COUNCIL MEMBERS AS OF MAY 1976. CURRENTLY THE COUNCIL IS PREPARING A COMPREHENSIVE REPORT FOR PRESENTATION TO THE FEDERAL INTERIOR MINISTER IN 1977. IT WILL INCLUDE DISCUSSION OF: THE SOCIAL FRAMEWORK OF ENVIRONMENTAL PROTECTION, PROBLEMS OF IMPLEMENTING ENVIRONMENTAL LEGISLATION, THE IMPACT OF ENVIRONMENTAL MEASURES ON THE NATIONAL ECONOMY, PLANNING, EFFECT OF CONTAMINANTS, NATURE AND LANDSCAPE, AND ENERGY AND THE ENVIRONMENT.

GERMANY, FED REP OF

UMWELTBUNDESAMT 1975/76 (FEDERAL ENVIRONMENTAL AGENCY 1975/76)

PM(A)

GERMANY, FED REP OF. FEDERAL ENVIRONMENTAL AGENCY EPA  
GERMAN 00/00/76 PGS 1-41 ID# 04031A

THIS IS THE FIRST ACTIVITY REPORT OF THE FEDERAL ENVIRONMENTAL AGENCY (UMWELTBUNDESAMT) IN BERLIN, ESTABLISHED BY LAW ON JULY 22, 1974. INITIAL SECTIONS OF THE REPORT DESCRIBE THE LEGAL BASIS, STATUS AND PURPOSE OF THE AGENCY, ITS ORGANIZATION, STAFFING LISTED ACCORDING TO PROFESSIONAL GROUPING, AND THE INCORPORATION OF ALREADY EXISTING INSTITUTIONS INTO THE AGENCY. THE REMAINDER OF THE REPORT REVIEWS SELECTED ACTIVITIES OF THE AGENCY FOR THE PERIOD 1975-1976. SUCH ACTIVITIES INCLUDE PROJECTS RELATED TO: THE REDUCTION OF EXHAUST GASES FROM MOTOR VEHICLES; THE DESULFURIZATION OF FUELS AND WASTE GASES; AIR QUALITY CRITERIA FOR LEAD; AMBIENT AIR QUALITY IN THE VICINITY OF ALUMINUM WORKS; CARCINOGENIC SUBSTANCES; STREET NOISE; AND THE INFORMATION AND DOCUMENTATION SYSTEM FOR ENVIRONMENTAL PLANNING (UMPLIS). APPENDIXES CONTAIN THE TEXTS OF THE LAW ESTABLISHING THE AGENCY AND THE 1975 WASHING AGENT LAW, AS WELL AS A LIST OF THE PUBLICATIONS, APPOINTMENTS AND MEMBERSHIPS OF AGENCY PERSONNEL AND A LIST OF AGENCY PUBLICATIONS.

## GENERAL

GERMANY, FED REP OF

PM(A)

UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)  
 GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
 GERMAN 00/00/76 PGS 1-293 ID# 04033A  
 ALSO PMB, LRB  
 WATER AIR NOISE SOLID WASTE TOXIC SUBS

THIS COMPREHENSIVE REPORT, SUBTITLED "FOLLOW-UP TO THE ENVIRONMENTAL PROGRAM OF THE FEDERAL GOVERNMENT OF JULY 14, 1976," BEGINS WITH AN INTRODUCTION IN WHICH THE FEDERAL MINISTER OF THE INTERIOR STATES THE GOVERNMENT'S ADHERENCE TO FIVE MAJOR TENETS IN ENVIRONMENTAL POLICY: PREVENTION, THE POLLUTER PAYS PRINCIPLE, ENVIRONMENTAL EDUCATION OF THE PUBLIC, PROMOTION OF ENVIRONMENTALLY FAVORABLE TECHNOLOGY, AND CONTINUED INTERNATIONAL COOPERATION. THE REPORT IS DIVIDED INTO FOUR MAJOR SECTIONS: A GENERAL PART, A SECTION DEALING WITH PROGRAM AREAS, AN ASSESSMENT OF FEDERAL ENVIRONMENTAL POLICY AND FOCAL POINTS, AND AN APPENDIX CONTAINING LISTS OF ENVIRONMENTAL LAWS AND OF INVOLVED FEDERAL AUTHORITIES, INSTITUTES, ETC. THE GENERAL SECTION PRESENTS DETAILED DISCUSSIONS OF THE SCIENTIFIC, SOCIAL, LEGISLATIVE, AND ORGANIZATIONAL BASES OF ENVIRONMENTAL PROTECTION AS WELL AS INTERNATIONAL COOPERATION. THE SECTION ON PROGRAM AREAS DISCUSSES ACHIEVEMENTS, STATUS AND GOALS IN EACH AREA. (SEE ENGLISH SUMMARY: ID 040338.)

GERMANY, FED REP OF

PM(B)

ENVIRONMENTAL REPORT '76--FOLLOW-UP TO THE ENVIRONMENTAL PROGRAMME OF THE  
 FEDERAL GOVERNMENT: SUMMARY

ENGLISH 07/14/76 PGS 1-8 EPA  
 ID# 040338

THIS SUMMARY CONTAINS THREE SECTIONS: APPRAISAL OF THE ENVIRONMENTAL POLICY OF THE FEDERAL GOVERNMENT; GUIDELINES OF ENVIRONMENTAL POLICY; AND FOCAL POINTS OF ENVIRONMENTAL POLICY. ACCORDING TO SECTION I, MANY OF THE GOALS OF THE FEDERAL ENVIRONMENTAL PROGRAM OF SEPTEMBER 29, 1971 HAVE BEEN ACHIEVED. ENVIRONMENTAL LAWS, ORDINANCES AND ADMINISTRATIVE REGULATIONS PASSED SINCE THAT DATE ARE LISTED, AND FEDERAL GOVERNMENT COOPERATION WITH VARIOUS SECTORS OF SOCIETY, THE LANDS, AND INTERNATIONAL BODIES IN THE ENVIRONMENTAL AREA ARE CITED. AMONG THE GUIDELINES OF FEDERAL POLICY MENTIONED IN SECTION II ARE THE GOVERNMENT'S PLEDGE TO CONTINUE ITS ENVIRONMENTAL POLICY, TO PROVIDE PREVENTIVE AS WELL AS CORRECTIVE MEASURES, AND TO CONSIDER THE ENVIRONMENTAL COMPATIBILITY OF ECONOMIC AND TECHNOLOGICAL DECISIONS. SECTION III LISTS SPECIFIC GOALS, INCLUDING EXPANSION OF THE LEGAL FRAMEWORK FOR ENVIRONMENTAL PROTECTION, INTRODUCTION OF LONG-TERM WATER QUALITY MANAGEMENT, AND DEVELOPMENT OF ATOMIC AND RADIATION PROTECTION LAW.

GENERAL

GERMANY, FED REP OF

EXPENDITURE ESTIMATES RELATING TO POLLUTION CONTROL IN GERMANY FOR THE PERIOD  
TO 1980. SUMMARY OF A STUDY CONDUCTED ON BEHALF OF THE FEDERAL MINISTRY OF THE INTERIOR  
EPA

SE( )

ENGLISH

09/00/75 PGS 1-22

ID# 04028A

THIS SUMMARY OF A STUDY CONDUCTED IN 1975 BY THE BATTELLE INSTITUTE UNDER CONTRACT TO THE  
FEDERAL MINISTRY OF THE INTERIOR REPRESENTS AN ASSESSMENT OF PUBLIC AND PRIVATE EXPENDITURE FOR  
POLLUTION CONTROL, INCLUDING BOTH CAPITAL AND OPERATING EXPENSE. THE INITIAL SECTION OF THE REPORT  
PRESENTS THE TOTAL POLLUTION LOAD IN METRIC TONS CAUSED BY 16 CLASSES OF POLLUTANTS OF THE AIR AND  
WATER AND BY SOLID WASTE AND LISTS THE PERCENTAGES OF THE TOTAL CONTRIBUTED BY SECTORS OF THE  
ECONOMY. EIGHT TABLES DETAIL INDUSTRY'S CAPITAL INVESTMENT AND OPERATING EXPENSES FOR POLLUTION  
CONTROL BEFORE 1974, DURING 1974 AND FROM 1974 TO 1979. A FINAL TABLE GIVES SIMILAR FIGURES FOR  
GOVERNMENT SPENDING FOR POLLUTION CONTROL FROM 1974 TO 1979. THE TEXT DISCUSSES THE IMPLICATIONS  
OF THE FIGURES IN EACH TABLE. AMONG OTHER THINGS IT NOTES THAT OPERATING EXPENSES EXCEED  
INVESTMENT EXPENSES FOR POLLUTION CONTROL IN BOTH GOVERNMENT AND INDUSTRY. FROM 1974 TO 1979,  
INDUSTRY WILL SPEND MOST ON AIR POLLUTION CONTROL, GOVERNMENT MOST ON WASTEWATER TREATMENT.

GREAT BRITAIN

POLLUTION CONTROL IN ENGLAND  
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT  
ENGLISH 03/00/75 PGS 1-10  
ALSO PMA, PME, SE

EPA

ID# 03988A

LR(B)

THIS PAPER REVIEWS THE EXISTING LEGAL AND ADMINISTRATIVE FRAMEWORK FOR POLLUTION CONTROL IN  
ENGLAND. THE CONTROL OF DOMESTIC, INDUSTRIAL AND VEHICLE AIR POLLUTION IS DESCRIBED WITH  
REFERENCE TO THE ADMINISTRATION OF THE CLEAN AIR ACT AND PUBLIC HEALTH ACT BY CENTRAL AND LOCAL  
GOVERNMENT BODIES. NOISE CONTROL FROM VEHICLES, AIRCRAFT AND OTHER SOURCES IS DESCRIBED WITH  
REGARD TO EXISTING LEGISLATION, WHICH INCLUDES ADOPTED ECE LAWS, THE CIVIL AVIATION ACT, CONTROL OF  
POLLUTION ACT, NOISE ABATEMENT ACT AND OTHERS. FRESHWATER AND MARINE POLLUTION CONTROL IS  
DISCUSSED IN RELATION TO THE WATER ACT, CONTROL OF POLLUTION ACT, PREVENTION OF OIL POLLUTION ACT  
AND OTHERS. THE CONTROL OF PESTICIDES AND RADIOACTIVITY IS BRIEFLY MENTIONED, AND THE DISPOSAL  
AND REUSE OF SOLID WASTE ARE REVIEWED UNDER THE CONTROL OF POLLUTION ACT AND OTHER PERTINENT LAWS.  
THE GENERAL GOVERNMENT ORGANIZATIONS FOR ENVIRONMENTAL CONTROL ARE ALSO DESCRIBED, AND THE PAPER  
CONCLUDES WITH A LOOK TO FUTURE DEVELOPMENTS IN ENVIRONMENTAL PROTECTION.

## GENERAL

## GREAT BRITAIN

LR(B)

POLLUTION CONTROL IN SCOTLAND  
 GREAT BRITAIN. SCOTTISH DEVELOPMENT DEPARTMENT  
 ENGLISH 03/00/75 PGS 1-4  
 ALSO PMA

EPA  
 ID# 03995A

AS EXPLAINED IN THIS NOTE ON THE LEGAL AND ADMINISTRATIVE FRAMEWORK FOR POLLUTION CONTROL IN SCOTLAND, SCOTTISH ARRANGEMENTS FOR ENVIRONMENTAL PROTECTION ARE BASED ON LEGAL PROVISIONS, SOMEWHAT DIFFERENT FROM THOSE APPLICABLE TO ENGLAND AND WALES. WITH REGARD TO WASTE ON LAND, THE RESPONSIBLE AUTHORITIES, POWERS OF COLLECTION AND DISPOSAL AS WELL AS PROVISIONS CONCERNING DEPOSIT OF POISONOUS SUBSTANCES ARE CONTROLLED THROUGH THE BURGH POLICE (SCOTLAND) ACTS, LOCAL GOVERNMENT (SCOTLAND) ACTS, AND THE DEPOSIT OF POISONOUS WASTE ACT. WATER POLLUTION CONTROL IS DESCRIBED IN TERMS OF THE RIVERS (PREVENTION OF POLLUTION) (SCOTLAND) ACT AND THE LOCAL GOVERNMENT (SCOTLAND) ACT. PROVISIONS FOR NOISE CONTROL, CONTAINED IN BOTH SCOTTISH AND NATIONWIDE LAWS, ARE ALSO DESCRIBED. IN THE CASE OF AIR POLLUTION, CONTROL OVER DOMESTIC SOURCES, INDUSTRIES, AND VEHICLES IS PROVIDED FOR IN THE NATIONAL ALKALAI AND CLEAN AIR ACTS AND IN THE PUBLIC HEALTH (SCOTLAND) ACT, AMONG OTHERS.

## GREAT BRITAIN

PM(B)

REPORT ON RESEARCH AND DEVELOPMENT 1975  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT  
 ENGLISH 00/00/76 PGS 1-64  
 ALSO PMA

EPA  
 ID# 02777B

THIS, THE THIRD ANNUAL REPORT ON RESEARCH AND DEVELOPMENT IN THE BRITISH DEPARTMENT OF THE ENVIRONMENT, DEALS WITH THE DEPARTMENT'S ACTIVITIES DURING THE FINANCIAL YEAR 1974-75. PART I OF THE REPORT SERVES AS AN INTRODUCTION, BRIEFLY DESCRIBING DEVELOPMENTS IN THE DEPARTMENT'S RESEARCH ORGANIZATION, DESCRIBING THE EXTENT AND NATURE OF THE DEPARTMENT'S PARTICIPATION IN INTERNATIONAL RESEARCH AND DEVELOPMENT DURING THE YEAR, AND SUMMARIZING THE ACTIVITY IN THE DEPARTMENT'S RESEARCH AND DEVELOPMENT PROGRAM, WHICH IS DESCRIBED MORE FULLY IN PART II. THE PROGRAM DESCRIBED IN PART II DEALS WITH PLANNING AND TRANSPORTATION, BUILDING AND CONSTRUCTION, AND ENVIRONMENTAL POLLUTION AND RESOURCES. THE SUPPORTING TABLES PROVIDE INFORMATION ON THE FINANCIAL AND RELATED ASPECTS OF THE DEPARTMENT'S PROGRAM, AND PART III OF THE REPORT CONTAINS APPENDIXES GIVING BACKGROUND MATERIAL ON THE SOURCES OF INFORMATION, ORGANIZATION OF THE DIRECTORATE GENERAL OF RESEARCH AND FORMULATION OF RESEARCH PROGRAMS.



GENERAL

GREAT BRITAIN

PM(B)

PROGRESS SUSTAINED: CHANGES IN THE BRITISH ENVIRONMENTAL SCENE. REPORT TO THE SECOND SESSION OF THE GOVERNING COUNCIL OF THE U.N. ENVIRONMENT PROGRAMME GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
ENGLISH 00/00/74 PGS 1-39 ID# 03993A  
ALSO PMA, LRB  
AIR WATER

THIS REPORT DESCRIBES MEASURES UNDERTAKEN TO CONTROL POLLUTION IN GREAT BRITAIN DURING THE 18 MONTHS FOLLOWING THE 1972 STOCKHOLM CONFERENCE ON THE ENVIRONMENT. CHANGES IN ENVIRONMENTAL ORGANIZATION AND MANAGEMENT ARE EXPLAINED, FURTHER LEGISLATION IS DESCRIBED, AND PROGRESS MADE IN ABATING POLLUTION ON THE NATIONAL AND INTERNATIONAL LEVELS IS DISCUSSED. THE INTRODUCTION TO THE REPORT GIVES A BRIEF BACKGROUND OF GREAT BRITAIN'S ENVIRONMENTAL SITUATION AND IN SUMMARIZING THE TEXT OF THE REPORT STATES THAT AIR AND WATER POLLUTION IN GREAT BRITAIN HAVE DECLINED. GOVERNMENT MACHINERY HAS GAINED STRENGTH AND EFFICIENCY, AND NEW LEGISLATION HAS BEEN ENACTED TO REFORM LOCAL GOVERNMENT AND REORGANIZE THE MANAGEMENT OF RIVERS AND THE WATER AND SEWAGE INDUSTRY. THE CONCEPTS OF THE BRITISH APPROACH TO ENVIRONMENTAL MANAGEMENT ARE ALSO EXPLAINED IN THE INTRODUCTION, WHILE APPENDIXES TO THE REPORT PROVIDE A DESCRIPTION OF THE ORGANIZATION AND DUTIES OF THE DEPARTMENT OF THE ENVIRONMENT, AN ORGANIZATIONAL CHART, AND A BIBLIOGRAPHY.

GREAT BRITAIN

PM(B)

CIVIC TRUST ENVIRONMENTAL DIRECTORY  
CIVIC TRUST EPA  
ENGLISH 07/00/74 PGS 1-36 ID# 03996A

THIS DIRECTORY, PUBLISHED BY THE CIVIC TRUST, A BRITISH CHARITY, LISTS 269 NATIONAL AND REGIONAL ORGANIZATIONS IN GREAT BRITAIN OF INTEREST TO THOSE CONCERNED WITH ENVIRONMENTAL PROTECTION AND HISTORIC PRESERVATION. THE LISTED ORGANIZATIONS INCLUDE GOVERNMENT DEPARTMENTS AND AGENCIES, VOLUNTARY SOCIETIES, PROFESSIONAL INSTITUTIONS AND TRADE ASSOCIATIONS. ADDRESSES AND TELEPHONE NUMBERS ARE GIVEN, WITH A BRIEF OUTLINE OF THE FUNCTION OF EACH ORGANIZATION AND THE SERVICES IT OFFERS. THE DIRECTORY PROVIDES A SUBJECT GUIDE TO THE ENTRIES.

GREAT BRITAIN

ST( )

DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV: ENVIRONMENTAL POLLUTION  
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
ENGLISH 00/00/76 PGS 1-255 ID# 03005C  
AIR WATER NOISE RADIATION TOXIC SUBS

THIS VOLUME PROVIDES AN ANNOTATED LIST OF 1092 ENVIRONMENTAL POLLUTION PROJECTS CARRIED OUT BY GOVERNMENT, INDUSTRY AND PRIVATE GROUPS IN THE UNITED KINGDOM AS OF EARLY 1976. IT FORMS ONE OF FOUR VOLUMES OF THE DEPARTMENT OF THE ENVIRONMENT'S REGISTER OF RESEARCH; THE OTHER THREE VOLUMES COVER CONSTRUCTION, ROADS AND TRANSPORT, AND ENVIRONMENTAL PLANNING. THE ENTRIES IN THIS VOLUME ARE DIVIDED INTO SECTIONS ON AIR POLLUTION, NOISE, MARINE POLLUTION, FRESHWATER POLLUTION, RADIOACTIVITY, TOXIC CHEMICALS, LEGAL ASPECTS OF CONTROL, ECONOMIC ASPECTS OF CONTROL, AND INFORMATION SYSTEMS FOR CONTROL. EACH ENTRY GIVES THE NAME, CONDUCTOR AND SPONSOR OF THE PROJECT, AS WELL AS A BRIEF DESCRIPTION OF THE PROJECT, ITS COST, AND ANY RESULTING PUBLICATIONS. THE ENTRIES ARE INDEXED BY SUBJECT, RESEARCH WORKERS, AND ORGANIZATIONS AND SPONSORS. A LIST OF ADDRESSES OF RESEARCH ORGANIZATIONS IS ALSO PROVIDED. THE INTRODUCTION TO THE TEXT GIVES INFORMATION ON THE PREPARATION AND AVAILABILITY OF THE REGISTER OF RESEARCH.

## GENERAL

## HUNGARY

PM(A)

BRIEF INFORMATION ON THE PROTECTION OF ENVIRONMENT IN HUNGARY  
 HUNGARY. SECRETARIAT. NATL. COUNCIL FOR ENVIRONMENT PROT. EPA  
 ENGLISH 00/00/76 PGS 1-11 ID# 04024A  
 ALSO LRB, PMB  
 AIR WATER LAND USE SOLID WASTE

THIS PAMPHLET DESCRIBES: THE MAJOR ENVIRONMENTAL PROBLEMS IN HUNGARY AND THEIR HISTORY; THE 1976 HUNGARIAN ACT ON THE PROTECTION OF THE ENVIRONMENT AND OTHER LAWS APPLICABLE TO ENVIRONMENTAL PROTECTION; THE NATIONAL ORGANIZATIONAL-ADMINISTRATIVE STRUCTURE FOR ENVIRONMENTAL MATTERS; PROVISIONS OF THE FIFTH FIVE YEAR PLAN (1976-80) FOR THE ENVIRONMENT; RESEARCH IN THE AREA; AND PROGRAMS FOR FOSTERING NATIONAL ENVIRONMENTAL AWARENESS. THE 1976 ENVIRONMENT ACT CONTAINS PROVISIONS FOR THE PROTECTION OF LAND, WATER, AIR, PLANTS AND ANIMALS, THE LANDSCAPE, AND THE ENVIRONMENT OF SETTLEMENTS. THE HUNGARIAN PENAL CODE HAS BEEN CHANGED TO INCLUDE PENALTIES OF FROM THREE TO FIVE YEARS IMPRISONMENT FOR "VIOLATING THE PROTECTION OF THE ENVIRONMENT." THE NATIONAL COUNCIL OF ENVIRONMENT PROTECTION WAS ESTABLISHED BY THE COUNCIL OF MINISTERS IN 1974 TO GUIDE AND COORDINATE THE ENVIRONMENTAL POLICIES AND ACTIVITIES OF THE VARIOUS MINISTRIES AND AUTHORITIES. THE FIFTH FIVE YEAR PLAN IS THE FIRST TO CONTAIN SPECIFIC ENVIRONMENT PROVISIONS.

## IRELAND

PM(A)

FORBAIRT 2: A REVIEW OF THE WORK OF AN FORAS FORBARTHA, APRIL 1969--MARCH 1973  
 IRELAND. AN FORAS FORBARTHA EPA  
 ENGLISH 08/00/73 PGS 1-56 ID# 04037A

FORBAIRT 2 EXAMINES THE WORK OF AN FORAS FORBARTHA, THE IRISH NATIONAL INSTITUTE FOR PHYSICAL PLANNING AND CONSTRUCTION RESEARCH, WHICH WAS ESTABLISHED IN 1964 BY THE MINISTER FOR LOCAL GOVERNMENT AS AN ENVIRONMENTAL RESEARCH, TRAINING AND INFORMATION INSTITUTE. REVIEWED ARE THE OBJECTIVES, ORGANIZATION AND GENERAL RESEARCH POLICY OF THE INSTITUTE DURING THE PERIOD APRIL 1969 TO MARCH 1973. ACTIVITIES UNDERTAKEN IN COOPERATION WITH INTERNATIONAL ORGANIZATIONS ALSO RECEIVE CONSIDERATION. A SUMMARY OF THE WORK OF EACH DIVISION AND OF THE EDUCATION AND INFORMATION SECTION IS PRESENTED IN THE REPORT. LISTS OF BOTH BOARD AND RESEARCH STAFF POSITIONS AND PERSONNEL ARE INCLUDED. PUBLICATIONS OF THE INSTITUTE ARE ALSO LISTED.

## JAPAN

ST( )

ENVIRONMENTAL RESEARCH IN JAPAN, 1975  
 JAPAN. ENVIRONMENT AGENCY EPA  
 ENGLISH 08/00/76 PGS 1-204 ID# 04006A

THE JAPANESE ENVIRONMENT AGENCY, WHICH COORDINATES ENVIRONMENTAL PRESERVATION STUDIES UNDERTAKEN BY VARIOUS GOVERNMENT MINISTRIES AND AGENCIES AND WHICH UNIFIES EXPENDITURES FOR POLLUTION CONTROL ACTIVITIES, HAS COMPILED THIS VOLUME OF SUMMARIZED REPORTS ON RESEARCH PROJECTS CONDUCTED IN JAPAN DURING FISCAL YEAR 1975. ORGANIZED BY PROGRAM AREA, THE COMPILATION INCLUDES STUDIES IN: MEDICINE AND BIOLOGY, AIR POLLUTION, WATER POLLUTION, NOISE AND VIBRATION, WASTE TREATMENT AND MANAGEMENT, AS WELL AS A MISCELLANEOUS SECTION. APPENDED TO THE VOLUME IS A LIST OF THE PARTICIPATING RESEARCH INSTITUTES.

## GENERAL

## NEW ZEALAND

PM(B)

AUCKLAND RAPID TRANSIT SCHEME: STAGE ONE. ENVIRONMENTAL IMPACT REPORT;  
 SUBMISSIONS; AND AUDIT  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/74 PGS 1-120 ID# 04017A  
 LAND USE NOISE WATER AIR

THESE THREE VOLUMES ILLUSTRATE THE WORKINGS OF THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL PROPOSED GOVERNMENT PROJECTS HAVING SIGNIFICANT ENVIRONMENTAL IMPACTS. THE AUCKLAND REGIONAL AUTHORITY, MINISTRY OF WORKS, AND NEW ZEALAND RAILWAYS, HAVING PROPOSED THE CONSTRUCTION OF A RAPID TRANSIT SYSTEM FOR AUCKLAND, PREPARED AN ENVIRONMENTAL IMPACT REPORT ON THE FIRST STAGE OF THE SYSTEM DESCRIBING THE PROJECT, ALTERNATIVES, OBJECTIVES, THE EXISTING ENVIRONMENT, PREDICTED IMPACTS AND OTHER ENVIRONMENTAL EFFECTS OF THE PROPOSED CONSTRUCTION. THE PUBLICATION OF THE REPORT (VOLUME 1) ELICITED THE SUBMISSION OF COMMENTS (VOLUME 2) FROM THE PUBLIC AND PRIVATE GROUPS AFFECTED BY THE PROJECT. CONSIDERING THESE COMMENTS AND OTHER DATA, THE COMMISSION FOR THE ENVIRONMENT AUDITED THE REPORT (VOLUME 3). THIS AUDIT, CONCLUDING THAT THE REPORT IS AN INADEQUATE ASSESSMENT OF THE IMPACT OF THE PROJECT, HAS BEEN SUBMITTED FOR CONSIDERATION TO THE AUTHORITIES WHO WILL MAKE THE DECISION ON INITIATING THE PROJECT.

## OECD

LR(B)

POLLUTION LAW IN THE OECD. BIBLIOGRAPHY NO. 192  
 JOHNSTONE, PAMELA, COMP. EPA  
 ENGLISH 09/00/75 PGS 1-20 ID# 03992A

THIS BIBLIOGRAPHY LISTS 114 DOCUMENTS CONTAINED IN THE HEADQUARTERS LIBRARY OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT WHICH DEAL WITH POLLUTION LAW IN THE OECD, BOTH ON THE INTERNATIONAL LEVEL AND IN INDIVIDUAL OECD COUNTRIES. PERTINENT BIBLIOGRAPHIC DATA IS GIVEN FOR EACH ENTRY, INCLUDING CLASS NUMBERS FOR BOOKS AND PAMPHLETS.

## OECD

ST( )

OECD AND ENVIRONMENT: A BIBLIOGRAPHY  
 ENGLISH 00/00/74 PGS 1-33 ID# 04039A

THIS BIBLIOGRAPHY OF OECD DOCUMENTS AND PUBLICATIONS INCLUDES THE FOLLOWING AREAS IN ITS SCOPE: GENERAL PROBLEMS; ENVIRONMENTAL ECONOMICS; NATURAL RESOURCES (WITH BOTH WATER AND AIR AS SUBCATEGORIES); CHEMICALS IN THE ENVIRONMENT; URBAN AND TRANSPORTATION STUDIES; ROAD RESEARCH; NUCLEAR ENERGY; AND MISCELLANEOUS.

## GENERAL

## SCANDINAVIA

PM(B)

"CONFERENCE ON ENVIRONMENTAL EDUCATION." CURRENT SWEDEN, NO. 67  
 EMMELIN, LARS EPA  
 ENGLISH 10/00/76 PGS 1-5 ID# 04043A

THE FIRST NORDIC CONFERENCE ON ENVIRONMENTAL EDUCATION AT THE UNIVERSITY LEVEL WAS CONVENED BY THE NORDIC COUNCIL OF MINISTERS AND WAS HOSTED BY THE ENVIRONMENTAL STUDIES PROGRAMME AT THE UNIVERSITY OF LUND, AUGUST 16-19, 1976. THE OBJECTIVE OF THE CONFERENCE WAS TO GIVE THE PARTICIPANTS AN OPPORTUNITY TO EXCHANGE IDEAS AND EXPERIENCES IN THIS FIELD AND TO DEVELOP CONCRETE COOPERATIVE PROJECTS. AFTER THREE OPENING ADDRESSES, WHICH STRESSED THE NEED FOR ENVIRONMENTAL EDUCATION IN SOCIETY, THE CONFERENCE WAS DIVIDED INTO WORKING GROUPS. TO ESTABLISH A FOCAL POINT FOR DISCUSSION, EACH GROUP HAD AT ITS DISPOSAL ONE OF SIX SPECIALLY PREPARED BACKGROUND PAPERS DEALING WITH: SURVEY COURSES; COMPLEMENTING EDUCATION; EDUCATION FOR DECISION-MAKERS; INTEGRATION OF ENVIRONMENTAL ASPECTS INTO OTHER EDUCATION; ADULT EDUCATION AND DECENTRALIZED ENVIRONMENTAL EDUCATION; AND POST-GRADUATE ENVIRONMENTAL EDUCATION. SEVERAL RECOMMENDATIONS WERE MADE ON THE BASIS OF THESE DISCUSSIONS.

## SOUTH AFRICA

LR(B)

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1  
 RABIE, ANDRE EPA  
 ENGLISH 00/00/76 PGS 1-199 ID# 04048A  
 AIR NOISE WATER PESTICIDES LAND USE SOLID WASTE

THIS PUBLICATION CONSIDERS SOUTH AFRICAN ENVIRONMENTAL LEGISLATION AS IT PERTAINS TO: SOIL CONSERVATION, WILDLIFE CONSERVATION, AIR POLLUTION CONTROL, NOISE CONTROL, WATER POLLUTION CONTROL, PESTICIDES CONTROL, IONIZING RADIATION CONTROL, SOLID WASTE MANAGEMENT, AND LAND USE PLANNING. FOR EACH AREA, THE BACKGROUND OF THE PROBLEM IS DISCUSSED, FOLLOWED BY CONSIDERATION OF PRESENT LEGISLATION AND ITS ENFORCEMENT. WHERE APPLICABLE, INTERNATIONAL CONTROL MEASURES ARE DISCUSSED. SUGGESTIONS FOR NEW OR REVISED ENVIRONMENTAL LEGISLATION ARE ALSO PRESENTED. (THIS PUBLICATION IS THE FIRST IN A NEW SERIES BEING ISSUED BY THE INSTITUTE OF FOREIGN AND COMPARATIVE LAW (IFCOL) OF THE UNIVERSITY OF SOUTH AFRICA, PRETORIA.)

## VENEZUELA

PM(B)

PROGRAMA NACIONAL DE INVESTIGACIONES SOBRE CONTAMINACION AMBIENTAL (NATIONAL PROGRAM FOR ENVIRONMENTAL POLLUTION RESEARCH)  
 VENEZUELA. DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH EPA  
 SPANISH 06/00/76 PGS 1-72 ID# 04032A

THE ATTRIBUTES OF THE VENEZUELAN NATIONAL PROGRAM FOR ENVIRONMENTAL POLLUTION RESEARCH ARE DESCRIBED IN THIS REPORT OF THE DIVISION OF ENVIRONMENTAL POLLUTION RESEARCH (DISCA) OF THE VENEZUELAN MINISTRY OF HEALTH AND WELFARE. THE FIRST THREE CHAPTERS OF THE REPORT GIVE BACKGROUND INFORMATION ON THE CREATION OF DISCA AND THE PROGRAM, AND SUBSEQUENT CHAPTERS AND ANNEXES CONTAIN INFORMATION ON: THE INDIVIDUAL STUDIES WHICH PRESENTLY COMPRISE THE PROGRAM; THE NATIONAL AND INTERNATIONAL ASSISTANCE IN CARRYING OUT THE PROGRAM; MATTERS RELATING TO THE STAFFING, HOUSING FACILITIES, LABORATORIES, AND FINANCIAL RESOURCES AVAILABLE TO DISCA IN REALIZING THE PROGRAM; PAST AND PRESENT POLICIES CONCERNING ENVIRONMENTAL POLLUTION RESEARCH IN VENEZUELA; NEW PROJECTS AND STUDIES ALREADY DESIGNATED FOR THE NATIONAL FIVE-YEAR PLAN BETWEEN 1976-1980; AND A GENERAL FORECAST OF RESEARCH REQUIREMENTS IN ENVIRONMENTAL CONTROL UP TO THE YEAR 2000.

## LAND USE

## GREAT BRITAIN

PM(B)

TOWN AND COUNTRY PLANNING IN BRITAIN. CENTRAL OFFICE OF INFORMATION  
 REFERENCE PAMPHLET 9  
 GREAT BRITAIN. CENTRAL OFFICE OF INFORMATION EPA  
 ENGLISH 00/00/72 PGS 1-50 ID# 04003A  
 ALSO LRB

THIS PUBLICATION DESCRIBES THE ADMINISTRATIVE SYSTEM AND THE MAIN OBJECTIVES BEHIND TOWN AND COUNTRY PLANNING IN GREAT BRITAIN AND POINTS OUT SOME OF THE MEASURES ADOPTED TO PROMOTE A CLEANER AND HEALTHIER HUMAN ENVIRONMENT. THE FIRST PART OF THE PUBLICATION DESCRIBES THE FRAMEWORK OF PLANNING, REVIEWING CENTRAL GOVERNMENT RESPONSIBILITIES, THE ROLE OF LOCAL AUTHORITIES, LAND VALUES IN RELATION TO PLANNING, AND GROWTH OF REGIONAL PLANNING. THE SECOND PART OF THE PUBLICATION DISCUSSES SPECIAL FEATURES OF PLANNING SUCH AS NEW TOWNS, TOWN DEVELOPMENT SCHEMES, LAND AND LEISURE, AND THE RENEWAL AND PROTECTION OF LAND AND ITS RESOURCES. ILLUSTRATIONS ARE GIVEN AND APPENDIXES INCLUDE A LIST OF PERTINENT ORGANIZATIONS, A LIST OF RECOMMENDED READING, AND A MAP SHOWING, AMONG OTHER THINGS, ECONOMIC PLANNING REGIONS, NATIONAL PARKS, NEW TOWNS, AND AREAS OF OUTSTANDING NATURAL BEAUTY.

## GREAT BRITAIN

PM(B)

WASTE OF WASTE LAND  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
 ENGLISH 00/00/76 PGS 1-23 ID# 04020A

THIS PAPER, ISSUED BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT, EXPLAINS POLICIES AND MEASURES FOR RECLAIMING EXTENSIVE AREAS OF DERELICT LAND IN THE UNITED KINGDOM AND FOR PREVENTING THE OCCURRENCE OF FURTHER DERELICTION RESULTING PRINCIPALLY FROM MINERAL EXTRACTION. DISCUSSED ARE THE ORIGINS OF THE PROBLEM, ITS ENVIRONMENTAL ASPECTS, AND THE PROCESS OF RECLAMATION.

## HUNGARY

PM(A)

BRIEF INFORMATION ON THE PROTECTION OF ENVIRONMENT IN HUNGARY  
 HUNGARY. SECRETARIAT, NATL. COUNCIL FOR ENVIRONMENT PROT. EPA  
 ENGLISH 00/00/76 PGS 1-11 ID# 04024A  
 ALSO LRB, PMB  
 \*GENERAL AIR WATER SOLID WASTE

## LAND USE

## IRELAND

PM(B)

CORK: AN ENVIRONMENTAL STUDY  
DOVELL, PETER  
ENGLISH

00/00/71 PGS 1-42

EPA  
ID# 04029A

THIS REPORT WAS PREPARED FOR THE UNITED NATIONS AND AN FORAS FORBARTHA (THE IRISH NATIONAL INSTITUTE FOR PHYSICAL PLANNING AND CONSTRUCTION RESEARCH) TO SUPPLEMENT THE CORK SUB-REGION STUDY, AND TO OFFER A BRIEF PICTORIAL AND WRITTEN COMMENTARY UPON THE ENVIRONMENTAL QUALITY OF THE CITY OF CORK AS IT EXISTS AT PRESENT AND AS IT MAY EXIST IN THE IMMEDIATE AND FORESEEABLE FUTURE. REFERENCE IS MADE TO TOPOGRAPHY, LANDSCAPE, ARCHITECTURE, LAND USE, AND RESOURCE MANAGEMENT.

## JAPAN

PM(B)

"FISCAL 1975 WHITE PAPER ON NATIONAL LAND USE." JAPAN ENVIRONMENT  
SUMMARY, VOL. 4, NO. 8  
JAPAN. ENVIRONMENT AGENCY  
ENGLISH

08/10/76 PGS 1-4

EPA  
ID# 03987A

THIS SUMMARY OF THE JAPAN ENVIRONMENT AGENCY DEALS WITH THE FISCAL 1975 WHITE PAPER ON NATIONAL LAND USE, WHICH WAS PREPARED BY THE JAPANESE NATIONAL LAND AGENCY IN ACCORDANCE WITH THE NATIONAL LAND USE PLANNING LAW. THE PAPER DEFINES THE NATIONAL LAND USE PLAN AND BASIC LAND USE PLAN, WHICH HAVE A CLOSE BEARING ON ENVIRONMENTAL POLICY. IN THE NATIONAL LAND USE PLAN BASIC CONCEPTS REQUIRE RATIONAL AND EFFECTIVE USE OF LAND, AVOIDING AS FAR AS POSSIBLE THE CONVERSION OF LAND CATEGORIES SUCH AS FOREST INTO PLAINS OR FARMLAND INTO HOUSING SITES. LAND CATEGORIES ARE SPECIFIED AND TARGETS FOR THEIR RESPECTIVE SIZES ARE SET FORTH. WITHIN THIS FRAMEWORK PREFECTURAL BASIC LAND USE PLANS GOVERN RESTRICTIONS ON LAND USE TRANSACTIONS AND DEVELOPMENT DEEDS IN URBAN AREAS, FARM LAND, FOREST, NATURAL PARKS AND NATURE PRESERVATION AREAS. EXISTING LAND USE REGULATIONS WHICH IMPOSE DIRECT CONTROLS ON LAND USES OF THE SPECIFIC CATEGORIES OF LAND ARE ALSO DESCRIBED.

## NEW ZEALAND

PM(B)

KIRKPATRICK RECLAMATION, NAPIER BREAKWATER HARBOUR. ENVIRONMENTAL IMPACT  
REPORT; SUBMISSIONS; AND AUDIT.  
NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT  
ENGLISH  
WATER

00/00/75 PGS 1-55

EPA  
ID# 04013A

THESE THREE VOLUMES ILLUSTRATE THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL PROPOSED GOVERNMENT PROJECTS HAVING SIGNIFICANT ENVIRONMENTAL IMPACTS. THE HAWKE'S BAY HARBOUR BOARD, HAVING APPLIED TO THE MINISTER OF TRANSPORT FOR PERMISSION TO RECLAIM EIGHT HECTARES OF LAND ADJACENT TO KIRKPATRICK WHARF AT NAPIER, PREPARED AN ENVIRONMENTAL IMPACT REPORT DESCRIBING THE PROPOSED PROJECT, METHOD OF EXECUTION, PURPOSES AND JUSTIFICATION, STAGE OF COMMITMENT, EXISTING ENVIRONMENT, PREDICTED IMPACTS, ALTERNATIVES, AND SAFEGUARDS. THE PUBLICATION OF THE REPORT ELICITED THE SUBMISSION OF COMMENTS TO THE COMMISSION OF THE ENVIRONMENT FROM ALL PUBLIC AND PRIVATE CONCERNS AFFECTED BY THE PROJECT. THE COMMISSION, CONSIDERING THESE SUBMISSIONS, PREPARED ITS AUDIT OF THE REPORT, CONCLUDING WITH MINOR RESERVATIONS THAT THE PROPOSED PROJECT IS ENVIRONMENTALLY ACCEPTABLE. THE AUDIT WAS SUBMITTED TO THE MINISTER OF TRANSPORT FOR THE FINAL DECISION ON THE INITIATION OF THE PROPOSED PROJECT.

## LAND USE

## NEW ZEALAND

NEW ZEALAND RAILWAYS' NEW PLYMOUTH FREIGHT TERMINAL. ENVIRONMENTAL IMPACT  
REPORT; SUBMISSIONS; AND AUDIT

PM(B)

NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT  
ENGLISH

00/00/75 PGS 1-100

EPA

ID# 04014A

THESE THREE VOLUMES SHOW THE WORKINGS OF THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL PROPOSED GOVERNMENT PROJECTS HAVING SIGNIFICANT ENVIRONMENTAL IMPACTS. THE NEW ZEALAND RAILWAYS DEPARTMENT, HAVING PROPOSED THE CONSTRUCTION OF A RAIL FREIGHT TERMINAL IN NEW PLYMOUTH, PREPARED AN ENVIRONMENTAL IMPACT REPORT DESCRIBING THE PROPOSED PROJECT, OBJECTIVES, STAGE OF COMMITMENT, ALTERNATIVES, THE EXISTING ENVIRONMENT, PROBABLE IMPACTS, SAFEGUARDS, AND OTHER FEATURES OF THE PROJECT. THE PUBLICATION OF THE REPORT (VOLUME 1) ELICITED THE SUBMISSION (VOLUME 2) FROM THE PUBLIC AND PRIVATE GROUPS AFFECTED BY THE PROJECT. CONSIDERING THESE COMMENTS, THE COMMISSION FOR THE ENVIRONMENT SUBMITTED ITS AUDIT OF THE REPORT (VOLUME 3) TO THE MANAGER OF NEW ZEALAND RAILWAYS, FOR THE FINAL DECISION ON THE PROJECT. THE AUDIT GENERALLY FAVORS THE CONSTRUCTION OF THE TERMINAL, GIVING THE MOST PRACTICAL RECOMMENDATIONS FOR PROTECTING THE ENVIRONMENT DURING AND AFTER CONSTRUCTION.

## NEW ZEALAND

LAKE WAKATIPU ROADING FROM KINLOCH TO ELFIN BAY. ENVIRONMENTAL IMPACT  
ASSESSMENT; SUBMISSIONS; AND AUDIT.

PM(B)

NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT  
ENGLISH

00/00/75 PGS 1-100

EPA

ID# 04015A

THESE THREE VOLUMES ILLUSTRATE THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL PROPOSED GOVERNMENT PROJECTS HAVING SIGNIFICANT ENVIRONMENTAL IMPACTS. THE NEW ZEALAND DISTRICT COMMISSIONER OF WORKS AT DUNEDIN, HAVING PROPOSED THE CONSTRUCTION OF AN EIGHT-MILE LONG ROAD FROM KINLOCH TO ELFIN BAY ALONG LAKE WAKATIPU, PREPARED AN ENVIRONMENTAL IMPACT REPORT DESCRIBING THE PROPOSED PROJECT, JUSTIFICATION AND OBJECTIVES, ALTERNATIVES, THE EXISTING ENVIRONMENT, PREDICTED IMPACTS, SAFEGUARDS AND OTHER PERTINENT ATTRIBUTES OF THE PROJECT. THE PUBLICATION OF THE REPORT HAS ELICITED THE SUBMISSION OF COMMENTS TO THE COMMISSION FOR THE ENVIRONMENT FROM THE VARIOUS GROUPS, BOTH PUBLIC AND PRIVATE, WHICH WOULD BE AFFECTED BY THE PROJECT. CONSIDERING THESE COMMENTS, THE COMMISSION FOR THE ENVIRONMENT SUBMITTED ITS AUDIT OF THE REPORT TO THE COMMISSIONER OF WORKS AND DEVELOPMENT FOR THE FINAL DECISION ON THE PROJECT. THE AUDIT RECOMMENDS SOME MODIFICATIONS IF A DECISION TO PROCEED IS MADE.

## LAND USE

## NEW ZEALAND

PORT CHALMERS RECLAMATION AND CONTAINER TERMINAL DEVELOPMENT. ENVIRONMENTAL  
IMPACT REPORT, SUBMISSIONS, AND AUDIT

PM(B)

NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT

EPA

ENGLISH 00/00/75 PGS 1-100

ID# 04016A

WATER NOISE

THESE TWO VOLUMES ILLUSTRATE THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL PROPOSED GOVERNMENT PROJECTS HAVING SIGNIFICANT ENVIRONMENTAL IMPACTS IN NEW ZEALAND. THE CTAGO HARBOUR BOARD, HAVING PROPOSED THE RECLAMATION OF FOUR HECTARES OF LAND AT PORT CHALMERS AS PART OF ITS PROPOSED CCNTAINER TERMINAL DEVELOPMENT, PREPARED THE IMPACT REPORT DESCRIBING THE PROJECT, ALTERNATIVES, COMMITMENTS, THE EXISTING ENVIRONMENT, PREDICTED ENVIRONMENTAL IMPACTS, AND OTHER PERTINENT ENVIRONMENTAL IMPLICATIONS OF THE PROPOSED PROJECT. THE PUBLICATION OF THE REPORT (VOLUME 1) ELICITED THE SUBMISSION OF COMMENTS, BOTH PRO AND CON, FROM THE PUBLIC AND PRIVATE GROUPS AFFECTED BY THE PROPOSED PROJECT. THE COMMISSION FOR THE ENVIRONMENT COMPILED THESE SUBMISSIONS, ALONG WITH ITS AUDIT OF THE REPORT, IN A SEPARATE VOLUME (VOLUME 2) WHICH HAS BEEN SUBMITTED TO THE MINISTER OF TRANSPORT, WHO WILL MAKE THE FINAL DECISION ON THE PROJECT. THE AUDIT APPROVES OF THE PROJECT PROVIDING THAT SAFEGUARDS PROPOSED IN THE IMPACT REPORT ARE TAKEN.

## NEW ZEALAND

AUCKLAND RAPID TRANSIT SCHEME: STAGE ONE. ENVIRONMENTAL IMPACT REPORT;  
SUBMISSIONS; AND AUDIT

PM(B)

NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT

EPA

ENGLISH 00/00/74 PGS 1-120

ID# 04017A

\*GENERAL NOISE WATER AIR

## NEW ZEALAND

LOWRY BAY BOAT HARBOUR. ENVIRONMENTAL IMPACT REPORT; SUBMISSIONS; AND AUDIT  
NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT

PM(B)

EPA

ENGLISH 00/00/75 PGS 1-200

ID# 04018A

WATER NOISE

THESE THREE VOLUMES ILLUSTRATE THE NEW ZEALAND ENVIRONMENTAL ASSESSMENT PROCESS REQUIRED OF ALL GOVERNMENT PROJECTS HAVING SIGNIFICANT IMPACTS ON THE ENVIRONMENT. THE WELLINGTON HARBOUR BOARD, HAVING APPLIED TO THE MINISTRY OF TRANSPORT FOR PERMISSION TO BUILD A BOAT HARBOR AT LOWRY BAY, PREPARED THE IMPACT REPORT DESCRIBING THE PROJECT, ITS ALTERNATIVES, OBJECTIVES, EXISTING ENVIRONMENTAL FACTORS, PREDICTED IMPACT OF THE PROJECT ON THE ENVIRONMENT, AND OTHER ENVIRONMENTAL RAMIFICATIONS OF THE PROJECT. THE PUBLICATION OF THE REPORT (VOLUME 1) ELICITED THE SUBMISSION OF COMMENTS (VOLUME 2) FROM THE PUBLIC AND PRIVATE GROUPS WHICH WOULD BE AFFECTED BY THE PROJECT. CONSIDERING THESE SUBMISSIONS AND OTHER DATA, THE COMMISSION FOR THE ENVIRONMENT AUDITED THE IMPACT REPORT (VOLUME 3), WHICH WAS SUBMITTED TO THE MINISTER OF TRANSPORT FOR THE FINAL DECISION ON THE PROJECT. SHOULD THE PROJECT BE INITIATED, THE AUDIT FAVORS THE COMPLETION OF THE BOAT HARBOR IN THE REDUCED FORM OUTLINED IN THE IMPACT REPORT.



## LAND USE

## SOUTH AFRICA

LR(B)

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1

RABIE, ANDRE

ENGLISH

\*GENERAL

AIR

00/00/76 PGS 1-199

NOISE

WATER

EPA

ID# 04048A

PESTICIDES

SOLID WASTE

## SWITZERLAND

LR(B)

"LAND USE: NEW DECREE." JOURNAL DE GENEVE

STAUFFER, PIERRE-ANDRE

FRENCH

07/01/76 PGS 9

EPA

ID# 04005A

WITH THE REJECTION OF THE LAND USE LAW IN THE POPULAR REFERENDUM OF JUNE 1976 AND THE UPCOMING EXPIRATION OF A 1972 "URGENT" DECREE IN THIS AREA OF ENVIRONMENTAL PROTECTION, SWITZERLAND IS REPORTED TO BE THREATENED WITH A "LEGISLATIVE VOID." BECAUSE THE PREPARATION OF A NEW ACCEPTABLE FEDERAL LAW WOULD REQUIRE LONGER THAN THE SEVERAL MONTHS PRIOR TO THE EXPIRATION TIME, THE FEDERAL COUNCIL IS EXAMINING PROVISIONAL FORMS OF REGULATION AND ADMINISTRATION. ITS RECENT PROPOSAL TO PARLIAMENT SUGGESTS THE ISSUANCE OF A "UNIVERSALLY BINDING" (THEREFORE SUBJECT TO REFERENDUM) DECREE, PROVIDED WITH A TWO-YEAR LIFE SPAN TO ALLOW A CONTINUATION OF THE PROVISIONAL PROTECTION AFFORDED BY THE "URGENT" DECREE. THE NEW DECREE CONTAINS AN INNOVATION WITH REGARD TO CANTONAL JURISDICTION DESIGNED TO APPEASE THE OPPOSITION OF FEDERALISTS WHO VOTED AGAINST THE "CENTRALIZING" LAND USE LAW. THE ENACTMENT OF THIS DECREE WOULD PREVENT ARBITRARY DECISIONS WHICH COULD PROVE DETRIMENTAL TO THE TERRITORY OF THE NATION.

## NOISE

## DENMARK

PM(B)

"DANISH ENVIRONMENTAL PROTECTION AGENCY GETS DIRECT CONTROL OF THE AIRPORTS OF KASTRUP AND AALBORG." BERLINGSKE TIDENDE

DANISH

08/03/76 PGS 6(I)

EPA

ID# 04012A

THE DANISH ENVIRONMENTAL PROTECTION AGENCY WILL IN ALL PROBABILITY ASSUME RESPONSIBILITY FOR THE CONTROL OF NOISE FROM THE AIRPORTS OF KASTRUP AND AALBORG, REPORTS THIS ARTICLE. THE MINISTER FOR THE ENVIRONMENT, WHO HAS PERSONALLY INITIATED THE CHANGE, EXPRESSES HOPE THAT THIS ACTION MAY FACILITATE THE ADMINISTRATION OF COMPLAINTS, PREVIOUSLY HANDLED BY THE SURROUNDING MUNICIPALITIES AND ENSURE MORE UNIFORM HANDLING OF THESE MATTERS. IT WOULD ALSO ENABLE THE AGENCY TO EXERCISE GREATER INFLUENCE CONCERNING APPROVAL OF NEW RUNWAYS, CONSTRUCTION OF NEW BUILDINGS, ETC. THE MINISTER ALSO HAS SUGGESTED THAT CONTACT COMMITTEES BE ESTABLISHED AT THE AIRPORTS WITH REPRESENTATIVES FROM THE AGENCY, THE AIRPORT AUTHORITIES, THE MUNICIPALITIES, AND, AS FAR AS KASTRUP IS CONCERNED, THE METROPOLITAN COUNCIL. THE ENVIRONMENTAL PROTECTION AGENCY HOPES IN THIS WAY TO CLEAR UP SOME OF THE CONFUSION SURROUNDING THE COMPLAINT PROCEDURE AT THE TWO AIRPORTS.

## NOISE

GERMANY, FED REP OF	UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)					
	GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR				EPA	
PM(A)	GERMAN	00/00/76	PGS 1-293	ID#	04033A	
	ALSO PMB, LRB					
	*GENERAL	WATER	AIR	SOLID WASTE	TOXIC SUBS	
GREAT BRITAIN	DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV:					
	ENVIRONMENTAL POLLUTION					
	GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT					EPA
ST( )	ENGLISH	00/00/76	PGS 1-255	ID#	03005C	
	*GENERAL	AIR	WATER	RADIATION	TOXIC SUBS	
NEW ZEALAND	PORT CHALMERS RECLAMATION AND CONTAINER TERMINAL DEVELOPMENT. ENVIRONMENTAL					
	IMPACT REPORT, SUBMISSIONS, AND AUDIT					
	NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT					EPA
PM(B)	ENGLISH	00/00/75	PGS 1-100	ID#	04016A	
	*LAND USE	WATER				
NEW ZEALAND	AUCKLAND RAPID TRANSIT SCHEME: STAGE ONE. ENVIRONMENTAL IMPACT REPORT;					
	SUBMISSIONS; AND AUDIT					
	NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT					EPA
PM(B)	ENGLISH	00/00/74	PGS 1-120	ID#	04017A	
	*GENERAL	LAND USE	WATER	AIR		
NEW ZEALAND	LOWRY BAY BOAT HARBOUR. ENVIRONMENTAL IMPACT REPORT; SUBMISSIONS; AND AUDIT					
	NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT					EPA
PM(B)	ENGLISH	00/00/75	PGS 1-200	ID#	04018A	
	*LAND USE	WATER				

NOISE

SOUTH AFRICA

LR(8)

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1  
 RABIE, ANDRE EPA  
 ENGLISH 00/00/76 PGS 1-199 ID# 04048A  
 \*GENERAL AIR WATER PESTICIDES LAND USE SOLID WASTE

UNITED NATIONS

SE( )

"UNESCO CONCERNED ABOUT AUTOMOBILE POLLUTION." LE FIGARO  
 SCHWEITZER, GENEVIEVE EPA  
 FRENCH 10/05/76 PGS 8 ID# 04058A  
 \*AIR

PESTICIDES

INTERNATIONAL

PM(8)

"INTERNATIONAL COOPERATION FOR THE PROTECTION OF AN INLAND SEA: THE BALTIC."  
 IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY  
 LANDNER, LARS EPA  
 ENGLISH 06/00/76 PGS 1-18 ID# 04019A  
 \*WATER TOXIC SUBS

SOUTH AFRICA

LR(8)

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1  
 RABIE, ANDRE EPA  
 ENGLISH 00/00/76 PGS 1-199 ID# 04048A  
 \*GENERAL AIR NOISE WATER LAND USE SOLID WASTE

RADIATION

AUSTRIA

PM(8)

BEITRAEGE: UMWELTSCHUTZ, LEBENSMITTELANGELEGENHEITEN, VETERINAERVERWALTUNG  
 (REPORTS: ENVIRONMENTAL PROTECTION, MATTERS RELATED TO FOODSTUFFS, VETERINARY ADMINISTRATION)  
 AUSTRIA. FED.MIN. FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA  
 GERMAN 01/00/76 PGS 1-147 ID# 04056A  
 \*AIR TOXIC SUBS

## RADIATION

## DENMARK

"NOVEMBER 20, 1975 ORDER ON SAFETY MEASURES IN THE USE OF RADIOACTIVE SUBSTANCES." LOVTIDENDE FOR KONGERIGET DANMARK, PART A, NO. 60

LR(A)

DANISH

11/20/75 PGS 1689-1691

EPA  
ID# 01461C

THIS ORDER, WHICH IS AUTHORIZED BY THE MINISTRY OF THE ENVIRONMENT, STIPULATES THAT CERTAIN SAFETY MEASURES MUST BE OBSERVED IN CONNECTION WITH IMPORT, PRODUCTION, USE, STORAGE, TRANSPORT, AND DISPOSAL OF RADIOACTIVE MATERIALS USED FOR MEDICAL, INDUSTRIAL, AGRICULTURAL, SCIENTIFIC, AND OTHER PURPOSES. THE MEASURES MUST COMPLY WITH THE RECOMMENDATIONS OF THE INTERNATIONAL COMMISSION ON RADIOLOGICAL PROTECTION (ICRP), WHOSE MAXIMUM PERMISSIBLE RADIATION DOSES MAY NOT BE EXCEEDED. THE NATIONAL HEALTH SERVICE HAS THE AUTHORITY TO ISSUE GENERAL REGULATIONS AND TO GRANT LICENSES. THE LICENSING SYSTEM AS AMENDED IN 1974 RELATING TO THE USE OF RADIOACTIVE SUBSTANCES FOR MEDICAL PURPOSES IS, HOWEVER, NOT AFFECTED BY THIS ORDER. THE ORDER GOES INTO EFFECT AT THE TIME OF PUBLICATION AND REPEALS ORDER NO. 192 OF JUNE 15, 1955. RADIOACTIVE SUBSTANCES MAY BE TRANSPORTED FOR UP TO ANOTHER THREE YEARS IN ACCORDANCE WITH PREVIOUS RULES. VIOLATION OF THIS ORDER IS PUNISHABLE BY FINES.

## FINLAND

"JUNE 20, 1974 ACT NO. 536 ON THE INSTITUTE FOR RADIOLOGICAL SAFETY." FINLANDS FORFATTNINGSSAMLING 1974, NO. 536

LR(A)

SWEDISH

06/20/74 PGS 997

EPA  
ID# 04047A

THE INSTITUTE FOR RADIOLOGICAL SAFETY WAS ESTABLISHED ON JUNE 20, 1974 BY ACT NO. 536 IN ORDER TO LIMIT HARMFUL EFFECTS OF RADIATION, INVESTIGATE TREATMENT WITH RADIATION, AND SUPERVISE SAFETY RULES FOR ATOMIC REACTORS. IT IS ALSO RESPONSIBLE FOR THE COORDINATION OF RESEARCH AND DEVELOPMENT FUNCTIONS IN THESE FIELDS. THE INSTITUTE, WHICH IS SUBORDINATE TO THE MINISTRY OF SOCIAL AFFAIRS AND HEALTH, IS TO BE HEADED BY A STEERING COMMITTEE WHOSE STRUCTURE AND DUTIES WILL BE ESTABLISHED BY SPECIAL ORDER. THE INSTITUTE MAY CALL UPON EXPERTS FROM OTHER ORGANIZATIONS AND CONCLUDE AGREEMENTS WITH OTHER SCIENTIFIC INSTITUTES AND IS ALLOWED TO CHARGE A FEE FOR SERVICES RENDERED. THE ACT WENT INTO EFFECT ON MARCH 1, 1975.

## FRANCE

RAPPORT ANNUEL 1975. COMMISSARIAT A L'ENERGIE ATOMIQUE (ATOMIC ENERGY COMMISSARIAT 1975 ANNUAL REPORT)

PM(B)

FRANCE. ATOMIC ENERGY COMMISSARIAT  
FRENCH

00/00/76 PGS 1-108

EPA  
ID# 04046A

THIS ANNUAL REPORT FROM THE ATOMIC ENERGY COMMISSARIAT (CEA) PROVIDES A SUMMARY OF THE YEAR'S ACTIVITIES FOR EACH OF THE AGENCY'S JURISDICTIONAL AREAS, WHILE SITUATING THEM IN A MORE GENERAL CONTEXT. THE REPORT ATTEMPTS TO SHOW HOW CEA'S OBJECTIVES IN SCIENCE, INDUSTRY, AND THE NATIONAL DEFENSE AND HOW ITS PARTICIPATION IN INTERNATIONAL AFFAIRS FIT INTO THE BROADER PATTERN OF GOVERNMENT POLICY. AN ORGANIZATIONAL AND BUDGETARY ANALYSIS IS ALSO PRESENTED. PROGRAM AREAS REVIEWED INCLUDE: NUCLEAR MATERIALS; MILITARY APPLICATIONS; BASIC RESEARCH; NUCLEAR PROTECTION AND SAFETY; AND INDUSTRIAL NUCLEAR APPLICATIONS. AN APPENDIX TO THE REPORT CONTAINS A LIST OF THE PRINCIPAL LEGISLATIVE AND REGULATORY TEXTS FOR 1975 WHICH PERTAIN EITHER TO NUCLEAR ENERGY OR CEA.

## RADIATION

## FRANCE

ST( )

ACTIVITES SCIENTIFIQUES ET TECHNIQUES 1975--COMMISSARIAT A L'ENERGIE  
 ATOMIQUE (1975 TECHNICAL AND SCIENTIFIC ACTIVITIES OF THE ATOMIC ENERGY COMMISSARIAT)  
 FRANCE. ATOMIC ENERGY COMMISSARIAT EPA  
 FRENCH 00/00/76 PGS 1-242 ID# 04045A  
 ALSO PMB

THIS SUPPLEMENT TO ITS 1975 ANNUAL REPORT DESCRIBES BY PROGRAM AREA THE PRINCIPAL SCIENTIFIC AND TECHNICAL ACTIVITIES OF THE ATOMIC ENERGY COMMISSARIAT DURING 1975. THIS PUBLICATION IS INTENDED FOR A MORE SPECIALIZED READERSHIP THAN THE ANNUAL REPORT AND CONSEQUENTLY PROVIDES MORE DETAILED TECHNICAL SPECIFICATIONS ON THE ACTIVITIES CONCERNED WITH THE PRODUCTION AND HANDLING OF NUCLEAR MATERIALS; MILITARY APPLICATIONS; BASIC RESEARCH; NUCLEAR PROTECTION AND SAFETY; AND INDUSTRIAL NUCLEAR APPLICATIONS. EACH ACTIVITY DESCRIPTION IS ACCOMPANIED BY THE NAME AND ADDRESS OF THE OPERATIONAL UNIT OR DEPARTMENT RESPONSIBLE FOR ITS PERFORMANCE.

## GERMANY, FED REP OF

LR(8)

SURVEY OF RULES AND REGULATIONS PROMULGATED BY THE FEDERAL GOVERNMENT IN THE  
 FIELD OF ENVIRONMENTAL PROTECTION  
 GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
 ENGLISH 09/10/74 PGS 1-18 ID# 04060A  
 \*GENERAL AIR SOLID WASTE WATER

## GREAT BRITAIN

ST( )

DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV:  
 ENVIRONMENTAL POLLUTION  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
 ENGLISH 00/00/76 PGS 1-255 ID# 03005C  
 \*GENERAL AIR WATER NOISE TOXIC SUBS

## GREAT BRITAIN

ST( )

RADIOACTIVE POLLUTION. BIBLIOGRAPHY NO. 148F  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
 ENGLISH 06/00/76 PGS 1-13 ID# 03989A  
 ALSO PMB

THIS BIBLIOGRAPHY, ISSUED BY THE HEADQUARTERS LIBRARY OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT, LISTS 116 TITLES DEALING WITH VARIOUS ASPECTS OF RADIOACTIVE POLLUTION. THE TITLES ARE ARRANGED UNDER SIX SECTIONS: 1) PUBLICATIONS OF THE INTERNATIONAL ATOMIC ENERGY AGENCY, 2) BRITISH OFFICIAL PUBLICATIONS, 3) BOOKS AND PAMPHLETS (INCLUDING FOREIGN OFFICIAL PUBLICATIONS), 4) PERIODICAL ARTICLES, 5) MICROFICHES ISSUED BY THE NATIONAL TECHNICAL INFORMATION SERVICE OF THE UNITED STATES, AND 6) LEGISLATION.

## RADIATION

## JAPAN

"1975 ACT ON THE REORGANIZATION OF THE SCIENCE AND TECHNOLOGY AGENCY."  
NUCLEAR LAW BULLETIN, NO. 17

LR(B)

ENGLISH

04/00/76 PGS 14

EPA  
ID# 03999A

A BILL WAS PASSED BY THE JAPANESE DIET ON DECEMBER 22, 1975 REORGANIZING THE SCIENCE AND TECHNOLOGY AGENCY (STA) INTO TWO MAIN BRANCHES. THIS REORGANIZATION TOOK PLACE IN THE CONTEXT OF THE REFORM OF THE NUCLEAR SAFETY ADMINISTRATION PLANNED BY THE ADVISORY COUNCIL ON NUCLEAR ADMINISTRATION. ACCORDING TO THIS PLAN, THE MINISTRY OF TRADE AND INDUSTRY WILL BE RESPONSIBLE FOR REGULATING LAND-BASED NUCLEAR POWER STATIONS, THE MINISTRY OF TRANSPORT FOR MARINE REACTORS, AND STA WILL DEAL WITH REGULATIONS COVERING RESEARCH REACTORS. EACH MINISTRY WILL RETAIN RESPONSIBILITY FOR LICENSING PROCEDURES IN ITS RESPECTIVE AREAS OF RESPONSIBILITY. THE NEW LEGISLATION IS ALSO REPORTED TO HAVE CREATED WITHIN STA A NUCLEAR SAFETY BUREAU, WHICH IS TO BE IN CHARGE OF THE PREVENTION OF RADIATION HAZARDS, AS WELL AS REGULATION OF NUCLEAR FUEL MATERIALS AND REACTORS.

## TURKEY

"RADIATION PROTECTION." NUCLEAR LAW BULLETIN, NO. 17

LR(B)

ENGLISH

04/00/76 PGS 17

EPA  
ID# 03997A

RADIATION PROTECTION IN TURKEY HAS RECENTLY BENEFITED FROM THE ENACTMENT OF TWO DECREES. DECREE NO. 7/9038 OF NOVEMBER 30, 1974, WHICH REPLACES DECREE NO. 6/7946 OF APRIL 24, 1967, LAYS DOWN THE STANDARDS APPLICABLE FOR RADIATION PROTECTION. DECREE NO. 15372 OF SEPTEMBER 30, 1975, ISSUED IN PURSUANCE OF THE 1974 DECREE, CONTAINS NEW TECHNICAL STANDARDS FOR SAFETY AND HEALTH PROTECTION AGAINST RADIATION. IT IS INTENDED TO FACILITATE APPLICATION BY THE PUBLIC AUTHORITIES OF EARLIER REGULATIONS IN THIS FIELD. THE DECREE CONTAINS PROVISIONS ON REGISTRATION AND LICENSING OF RADIOACTIVE MATERIALS, RADIATION PROTECTION STANDARDS, RADIATION SAFETY REQUIREMENTS FOR OPERATORS HANDLING RADIOGRAPHIC EQUIPMENT IN INDUSTRY, REQUIREMENTS REGARDING THE USE OF X-RAYS AND RADIOACTIVE SEALED SOURCES FOR MEDICAL PURPOSES, AS WELL AS THE CONDITIONS TO BE MET FOR PARTICLE ACCELERATORS AND X-RAY EQUIPMENT FOR DIAGNOSTIC PURPOSES.

## SOLID WASTE

## FRANCE

"WEST SOON TO BE PILOT REGION FOR THE RECOVERY OF INDUSTRIAL WASTES."

LE FIGARO  
CRESSARD, JEAN-PIERRE  
FRENCH

PM(B)

09/10/76 PGS 11

EPA  
ID# 04059A

THE FRENCH NATIONAL AGENCY FOR THE RECOVERY AND DISPOSAL OF WASTE IS SCHEDULED TO BEGIN OPERATIONS IN 1977 FROM ITS HEADQUARTERS IN ANGERS. THIS AGENCY, WHICH IN MANY RESPECTS RESEMBLES THE WATER BASIN AGENCIES, WILL BE MANAGED BY AN ADMINISTRATIVE COUNCIL COMPOSED EQUALLY OF REPRESENTATIVES FROM THE NATIONAL AND LOCAL LEVELS OF GOVERNMENT, AS WELL AS CONCERNED PROFESSIONAL CIRCLES. THE AGENCY'S DIRECTOR IS TO BE MR. AFFHOLDER AND THE 200 PERSON STAFF IS EXPECTED TO CONTRIBUTE TO RESEARCH AND STUDIES DEALING WITH THE DISPOSAL AND RECOVERY OF WASTES, PRIMARILY IN INDUSTRY, BUT ALSO IN THE PUBLIC DOMAIN. INITIALLY THE AGENCY WILL OPERATE ON A BUDGET OF 30 MILLION FRANCS, WHICH IS LATER TO BE SUPPLEMENTED BY SERVICE FEES AND SPECIAL TAXES. THE AGENCY'S FIRST TASK WILL BE TO EXAMINE WASTE DISPOSAL NEEDS AND POSSIBILITIES, A TASK WHICH ANOTHER NEW ORGANIZATION TO THIS AREA, THE WESTERN REGION ANTIPOLLUTION ASSOCIATION, HAS ALSO SET FOR ITSELF.

## SOLID WASTE

GERMANY, FED REP OF SURVEY OF RULES AND REGULATIONS PROMULGATED BY THE FEDERAL GOVERNMENT IN THE  
FIELD OF ENVIRONMENTAL PROTECTION  
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
LR(B) ENGLISH 09/10/74 PGS 1-18 ID# 04060A  
\*GENERAL AIR RADIATION WATER

GERMANY, FED REP OF UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)  
GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
PM(A) GERMAN 00/00/76 PGS 1-293 ID# 04033A  
ALSO PMB, LRB  
\*GENERAL WATER AIR NOISE TOXIC SUBS

GREAT BRITAIN REPORT ON WASTE PAPER COLLECTION BY LOCAL AUTHORITIES. WASTE MANAGEMENT  
ADVISORY COUNCIL PAPER NO. 2  
GREAT BRITAIN. WASTE MANAGEMENT ADVISORY COUNCIL EPA  
PM(B) ENGLISH 00/00/76 PGS 1-25 ID# 04001A  
ALSO SE  
  
THIS REPORT EXAMINES THE FACTORS WHICH AFFECT THE FEASIBILITY OF WASTE PAPER RECYCLING  
OPERATIONS BY LOCAL AUTHORITIES IN GREAT BRITAIN AND MAKES RECOMMENDATIONS FOR MAKING WASTE  
PAPER RECYCLING A MORE ECONOMICALLY VIABLE OPERATION. BASED ON A SURVEY OF CERTAIN LOCAL  
AUTHORITIES, THE REPORT ANALYSES FACTORS SUCH AS POTENTIAL YIELDS OF WASTE PAPER, RECYCLING  
CONTRACTS WITH PRIVATE ENTERPRISES, COLLECTION SYSTEMS, CONTAINERS, BALING PLANTS, STORAGE OF  
WASTE PAPER, SORTING AND GRADING OF WASTE PAPER, FINANCES AND COSTING PRINCIPLES, CENTRAL  
GOVERNMENT ASSISTANCE, AND PUBLIC RELATIONS, ALL OF WHICH AFFECT THE RECYCLING OPERATIONS CARRIED  
ON BY LOCAL AUTHORITIES. THE REPORT CONCLUDES THAT RECYCLING IS OFTEN A LOSS-MAKING OPERATION  
BUT OFFERS RECOMMENDATIONS FOR MAKING WASTE PAPER RECYCLING MORE PROFITABLE THAN AT PRESENT;  
THESE RELATE TO ADEQUATE PLANNING AND EVALUATION OF RECYCLING SCHEMES AS WELL AS PROPER  
COORDINATION AMONG ALL PARTIES CONCERNED.

HUNGARY BRIEF INFORMATION ON THE PROTECTION OF ENVIRONMENT IN HUNGARY  
HUNGARY. SECRETARIAT, NATL. COUNCIL FOR ENVIRONMENT PROT. EPA  
PM(A) ENGLISH 00/00/76 PGS 1-11 ID# 04024A  
ALSO LRB, PMB  
\*GENERAL AIR WATER LAND USE

## SOLID WASTE

MEXICO "30,000 MILLION SPENT AGAINST THE AFFLICTION." EXCELSIOR  
 PM(B) SPANISH 06/05/76 PGS 4A EPA  
 \*AIR WATER ID# 03994A

NORWAY "WILL FLOATING ENVIRONMENTAL PLANT BE THE SOLUTION FOR FUTURE WASTE DISPOSAL?"  
 AFTENPOSTEN  
 PARMANN, GEORG  
 PM(B) NORWEGIAN 06/08/76 PGS 13 EPA  
 WATER ID# 04011A

THE INSTITUTION FOR STEAM AND COMBUSTION TECHNOLOGY AT THE STATE INSTITUTE OF TECHNOLOGY (NTH) AND THE A/S HJELLNES CONSULTING FIRM HAVE PRESENTED A NEW PROJECT FOR WASTE DISPOSAL. THE PROPOSED METHOD MAY BE OF PARTICULAR INTEREST TO ROCKY COASTAL AREAS, WHERE TRADITIONAL GARBAGE DUMPS ARE DIFFICULT TO ESTABLISH. WASTE WOULD BE COLLECTED BY 1000-TON SHIPS EQUIPPED WITH SPECIAL FLUIDIZED BED INCINERATORS. THESE VESSELS WOULD TRAVEL BETWEEN SEVERAL PICK-UP POINTS ALONG THE COAST PROCESSING THE COLLECTED WASTE BETWEEN STOPS. EACH SHIP WOULD BE ABLE TO SERVE 8-10 COMMUNITIES AND COULD ALSO, WITH SPECIAL EQUIPMENT, BE USEFUL IN THE FIGHT AGAINST OIL POLLUTION AT SEA. ENERGY RELEASED FROM THE PROCESS COULD BE USED TO FUEL THE SHIPS OR TO STERILIZE SORTED FOOD WASTES INTENDED FOR ANIMAL FEED. THE METHOD HAS SUCCESSFULLY TREATED PROBLEM WASTES FROM THE CHEMICAL INDUSTRY AS WELL AS OIL WASTES. IT IS HOPED THAT THE CENTRAL AUTHORITIES WILL INVEST IN THE PROJECT, WHICH HAS ALREADY STIRRED UP CONSIDERABLE INTEREST.

NORWAY "96 KILOS PACKAGING PER PERSON. INCREASING CONSUMPTION IN NORWAY." AFTENPOSTEN  
 PM(B) NORWEGIAN 10/15/76 PGS 29 EPA  
 ID# 04053A

A PILOT STUDY AT THE CHR. MICHELSEN INSTITUTE IN BERGEN HAS ESTIMATED THAT THE NORWEGIAN ANNUAL USE OF PACKAGING IS 385,000 TONS OR 96 KILOS PER PERSON. OF THIS, PAPER, CARDBOARD, AND PASTEBOARD CONSTITUTE 53 PERCENT; METALS 17 PERCENT; GLASS 12 PERCENT; PLASTICS 11 PERCENT; AND WOOD AND TEXTILES 8 PERCENT. INDUSTRIAL PACKAGING EXPENDITURES HAVE INCREASED 165 PERCENT OVER THE LAST 23 YEARS IN TERMS OF 1974 KRONER. IN THE FOODSTUFF INDUSTRY THE INCREASE WAS 254 PERCENT. PLASTICS HAVE BECOME INCREASINGLY POPULAR IN THE PACKAGING INDUSTRY SINCE THEY WERE INTRODUCED IN THE LATE 1950'S. DUE TO POLLUTION PROBLEMS, DISSOLVABLE PLASTICS ARE NOT PRODUCED IN NORWAY AND PLASTIC PRODUCTION IS HELD BACK. IN 1974, 860 MILLION BEER AND MINERAL WATER BOTTLES WERE SOLD, OF WHICH 99 PERCENT WERE RETURNED TO INDUSTRY AFTER USE. AT THE STATE LIQUOR MONOPOLY ONLY 21.8 MILLION OF 49.5 MILLION BOTTLES SOLD WERE RETURNED IN 1975. IT IS PROJECTED THAT STANDARDIZATION OF PACKAGING WILL LEAD TO A HIGHER DEGREE OF EFFICIENCY AND INCREASE THE RECYCLING OF BOTTLES.



## SOLID WASTE

## SOUTH AFRICA

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1

RABIE, ANDRE

LR(B)

ENGLISH

00/00/76 PGS 1-199

EPA

ID# 04048A

\*GENERAL

AIR

NOISE

WATER

PESTICIDES

LAND USE

## SOUTH AFRICA

SOLID WASTES RESEARCH IN SOUTH AFRICA. SOUTH AFRICAN NATIONAL  
SCIENTIFIC PROGRAMMES REPORT NO. 4

NOBLE, R. G.

PM(B)

ENGLISH

06/00/76 PGS 1-13

EPA

ID# 04009A

ALSO SE

THIS REPORT, COMPILED AND ISSUED BY THE NATIONAL SCIENTIFIC PROGRAMS UNIT OF THE SOUTH AFRICAN COUNCIL FOR SCIENTIFIC INDUSTRIAL RESEARCH, REFLECTS THE PRELIMINARY THOUGHTS OF THE COMMITTEE FOR SOLID WASTES ON RESEARCH REQUIREMENTS AND OPPORTUNITIES RELATING TO SOLID WASTE MANAGEMENT AND DISPOSAL. IDENTIFIED AND DISCUSSED ARE RESEARCH NEEDS, AS WELL AS RECENT STUDIES IN THE AREAS OF AGRICULTURAL, INDUSTRIAL AND URBAN WASTE. CONSIDERATION IS GIVEN TO ECONOMIC CONCERNS. EXAMINED INDEPENDENTLY AS SEPARATE SOLID WASTE COMPONENTS ARE PAPER AND PLASTIC WASTES. THREE TABLES, WHICH ARE APPENDED TO THE REPORT, CONTAIN: PRELIMINARY GUIDELINES FOR THE DISPOSAL OF SOLID WASTES TO DUMPS; A LIST OF WASTE PRODUCTS AND SOURCES AND THE CORRESPONDING MEANS OF DISPOSAL; AND A LIST INDICATING THE APPROXIMATE RESALE VALUE OF A TON OF VARIOUS TYPES OF REFUSE.

## VENEZUELA

"INVESTIGATIONS IN PROGRESS." NOTICIERO DISCA, NO. 3

VENEZUELA. MINISTRY OF HEALTH

PM(B)

SPANISH

07/00/76 PGS 1-5

EPA

ID# 03991A

THIS ISSUE OF NOTICIERO DISCA, THE OFFICIAL BULLETIN OF THE DIVISION FOR ENVIRONMENTAL POLLUTION RESEARCH OF THE VENEZUELAN MINISTRY OF HEALTH, DESCRIBES THE "INTEGRAL STUDY ON THE COLLECTION, TREATMENT AND FINAL DISPOSAL OF SOLID WASTE IN THE STATE OF NEW SPARTA," WHICH WILL SERVE AS A PILOT STUDY IN ESTABLISHING CRITERIA FOR SOLID WASTE MANAGEMENT IN URBAN AREAS OF VENEZUELA. REASONS FOR THE SELECTION OF THE STATE OF NEW SPARTA FOR THE STUDY ARE CITED, AND THE BASIC STAGES OF THE STUDY ARE DESCRIBED. THESE INCLUDE THE COLLECTION OF PRELIMINARY PHYSICAL AND SOCIOECONOMIC DATA IN THE STUDIED AREA AND THE CONSIDERATION OF: DOMESTIC PRODUCTION OF SOLID WASTES; STREET COLLECTION AND TRANSPORT; STORAGE AND TREATMENT; DISPOSAL; LEGAL AND ECONOMIC ASPECTS; AND PUBLIC EDUCATION IN THE ENVIRONMENTAL AND HEALTH ASPECTS OF SOLID WASTE MANAGEMENT.

## TOXIC SUBS

## AUSTRIA

PM(B)

BEITRAEGE: UMWELTSCHUTZ, LEBENSMITTELANGELEGENHEITEN, VETERINAERVERWALTUNG  
 (REPORTS: ENVIRONMENTAL PROTECTION, MATTERS RELATED TO FOODSTUFFS, VETERINARY ADMINISTRATION)  
 AUSTRIA. FED.MIN. FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA  
 GERMAN 01/00/76 PGS 1-147 ID# 04056A  
 \*AIR RADIATION

## FRANCE

LR(B)

"PROPOSED TOXIC SUBSTANCES LEGISLATION." DEPARTMENT OF STATE  
 AIRGRAM NO. A-397

ENGLISH 09/28/76 PGS 1-2 EPA  
 ID# 04035A

ON SEPTEMBER 16, 1976 THE FRENCH MINISTER FOR THE QUALITY OF LIFE, VINCENT ANSQUER, ANNOUNCED HIS INTENTION TO SUBMIT TO PARLIAMENT NEW TOXIC SUBSTANCES LEGISLATION WHICH WOULD CONTROL THE IMPORTATION AND MANUFACTURE OF CHEMICAL PRODUCTS SUCH AS FERTILIZERS, COSMETICS, AND CLEANING AGENTS, WHICH CONTAIN POTENTIALLY TOXIC SUBSTANCES. MANUFACTURERS AND IMPORTERS OF BROAD CATEGORIES OF CHEMICAL PRODUCTS WOULD BE REQUIRED, UNDER THE PROPOSED LEGISLATION, TO SUBMIT STATEMENTS TO THE MINISTER WHICH ASSESS THE IMPACT OF THE CONSUMPTION OR USE OF SUCH PRODUCTS ON THE ENVIRONMENT. NEW PRODUCTS WOULD HAVE TO BE TESTED AND APPROVED BEFORE THEY ARE MARKETED. THE MINISTRY FOR THE QUALITY OF LIFE WOULD ALSO HAVE THE POWER TO WITHDRAW FROM THE MARKET SUSPECT CHEMICAL PRODUCTS ALREADY MARKETED, WHERE SUCH PRODUCTS CONTAIN CONTROLLED TOXIC SUBSTANCES.

## GERMANY, FED REP OF

PM(A)

UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)  
 GERMANY, FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
 GERMAN 00/00/76 PGS 1-293 ID# 04033A  
 ALSO PMB, LRB  
 \*GENERAL WATER AIR NOISE SOLID WASTE

## GREAT BRITAIN

ST( )

DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV:  
 ENVIRONMENTAL POLLUTION  
 GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
 ENGLISH 00/00/76 PGS 1-255 ID# 03005C  
 \*GENERAL AIR WATER NOISE RADIATION

## TOXIC SUBS

## INTERNATIONAL

"INTERNATIONAL COOPERATION FOR THE PROTECTION OF AN INLAND SEA: THE BALTIC."

IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY

LANDNER, LARS

EPA

PM(B)

ENGLISH

06/00/76 PGS 1-18

ID# 04019A

\*WATER

PESTICIDES

## WATER

## BRAZIL

LEGISLACAO BASICA (BASIC LEGISLATION)

BRAZIL. SECRETARIA ESPECIAL DO MEIO AMBIENTE

EPA

LR(A)

PORTUGUESE

00/00/76 PGS 1-27

ID# 04021A

\*GENERAL

AIR

## CANADA

"ARCTIC WATERS POLLUTION PREVENTION REGULATIONS." DEPARTMENTAL MANUAL

OF ACTS AND REGULATIONS

CANADA. ENVIRONMENT CANADA

EPA

LR(A)

ENGLISH

08/23/76 PGS 1-8

ID# 00514E

THESE ARCTIC WATERS POLLUTION PREVENTION REGULATIONS, ISSUED IN PURSUANCE OF THE ARCTIC WATERS POLLUTION PREVENTION ACT, ARE COMPOSED OF TWO PARTS. THE FIRST, APPLICABLE TO THE DEPOSIT OF DOMESTIC AND INDUSTRIAL WASTES IN ARCTIC WATERS, REQUIRES THE REPORTING OF ALL DEPOSITS EFFECTUATED IN VIOLATION OF THE PROVISIONS OF THE ACT TO DESIGNATED POLLUTION PREVENTION OFFICERS. ALSO INCLUDED IS A DESCRIPTION OF THE MANNER FOR DETERMINING THE AMOUNT OF THE LIABILITY OF A DEPOSITOR. THE SECOND PART, WHICH CONCERNS THE CIVIL LIABILITY FOR THE DEPOSIT OF WASTES BY SHIPS, REQUIRES THE FILING OF A DECLARATION OF FINANCIAL RESPONSIBILITY BY ALL SHIPOWNERS AND SPECIFIES THE MAXIMUM AMOUNT OF LIABILITY OF A SHIPOWNER IN THE EVENT OF A DAMAGING DEPOSIT.

## CANADA

MONOGRAPH ON COMPREHENSIVE RIVER BASIN PLANNING

CANADA. ENVIRONMENT CANADA

EPA

PM(B)

ENGLISH

00/00/75 PGS 1-246

ID# 04049A

THIS TREATISE ON COMPREHENSIVE RIVER BASIN PLANNING IS CONCERNED WITH THE RANGE OF SOCIAL, POLITICAL AND BIOLOGICAL PROBLEMS WHICH ARISE IN A RIVER BASIN AS THE POPULATION AND LEVEL OF DEVELOPMENT IN THAT BASIN INCREASE. THE INTRODUCTION TO THE MONOGRAPH DEALS WITH THE NATO/CCMS INLAND WATER POLLUTION PROJECT, AND DESCRIBES THE ST. JOHN RIVER BASIN AND SOME OF THE WATER QUALITY AND RELATED RESOURCE PROBLEMS IN THE BASIN. THIS PART MAKES POSSIBLE SUBSEQUENT ILLUSTRATIVE REFERRALS TO THE ST. JOHN RIVER BASIN PLANNING PROGRAM. THE MONOGRAPH IS FURTHER ARRANGED TO REFLECT THE THREE MAIN STAGES OF THE PLANNING PROCESS: THE PRELIMINARY STAGE, THE SUBSTANTIVE PLANNING STAGE, AND THE TRANSITIONAL STAGE FROM PLANNING TO ACTION. ACCORDINGLY, PART II EXAMINES THE BACKGROUND OF THE ACTUAL PLANNING PROCESS; PART III ADDRESSES ITSELF TO THE KEY TECHNICAL ELEMENTS IN THE PLANNING PROCESS; AND PART IV IS CONCERNED WITH THE TRANSLATION OF THE PLAN INTO ACTION AND ANY NECESSARY FINANCIAL CONSIDERATIONS.

## WATER

## CANADA

PM(B)

CANADA CENTRE FOR INLAND WATERS--1974

CANADA. ENVIRONMENT CANADA

ENGLISH

ALSO ST

00/00/75 PGS 1-138

EPA

ID# 04050A

THIS PUBLICATION, CONTAINING AN ORGANIZATIONAL CHART OF THE CANADA CENTER FOR INLAND WATERS, GIVES AN OVERVIEW OF EACH SECTION'S FUNCTIONS AND DESCRIBES ITS ACTIVITIES AND PROGRAMS DURING THE COURSE OF 1974. THE FIRST SECTION OF THE REPORT, ON THE ENVIRONMENTAL MANAGEMENT SERVICE, ANALYZES AND EXAMINES THE INLAND WATER DIRECTORATE AND THE INLAND WATER DIRECTORATE, ONTARIO REGION. THE SECOND SECTION TAKES A LOOK AT THE TECHNOLOGY AND DEMONSTRATION DIVISION AND ITS ENVIRONMENTAL EMERGENCY BRANCH. THE THIRD SECTION, ON THE FISHERIES AND MARINE SERVICE, INCLUDES A DESCRIPTION OF THE FISHERIES RESEARCH AND DEVELOPMENT DIRECTORATE AND THE MARINE SCIENCES DIRECTORATE, CENTRAL REGION, OCEAN AND AQUATIC AFFAIRS. THE ENVIRONMENTAL QUALITY COORDINATION UNIT IS RESPONSIBLE FOR THE COORDINATION OF RESEARCH RESULTS FROM THE VARIOUS COMPONENTS OF THE CENTER, AND THE PUBLIC RELATIONS UNIT GENERATES NEWS AND REPORTS FOR THE MASS MEDIA. APPENDED ARE A STAFF LIST AND PUBLICATION COLLECTION.

## FRANCE

"JUNE 10, 1976 CIRCULAR ON THE PURIFICATION OF URBAN CENTERS AND THE SANITARY PROTECTION OF RECEIVING MEDIA." JOURNAL OFFICIEL

LR(A)

FRENCH

08/21/76 PGS 4256-70

EPA

ID# 00441Z

THESE INSTRUCTIONS FROM THE MINISTER OF HEALTH TO DEPARTMENT PREFECTS HAVE BEEN ISSUED IN PURSUANCE OF DECREE NO. 73-218 ON THE APPLICATION OF ARTICLES 2 AND 6(1) OF LAW NO. 64-1245 ON THE ADMINISTRATION AND DISTRIBUTION OF WATER. THEY ARE INTENDED TO PROVIDE GUIDANCE TO LOCAL AUTHORITIES, PUBLIC ESTABLISHMENTS, CONCERNED SERVICES, PUBLIC OR PRIVATE TECHNICAL ORGANIZATIONS, AND DEPARTMENTAL HEALTH COUNCILS FOR THE STUDY OF PURIFICATION PROJECTS, AS WELL AS FOR THE OPERATION AND MAINTENANCE OF PURIFICATION PLANTS. THE CIRCULAR CONTAINS ADDITIONAL SPECIFICATIONS ON THE LEVELS OF EFFLUENTS DEFINED IN THE MAY 13, 1975 INTERMINISTERIAL DECREE, AND IT SETS FORTH A METHOD FOR ESTABLISHING SUCH LEVELS CONTINGENT ON THE USE OF THE RECEIVING MEDIUM. THIS CIRCULAR ABROGATES EARLIER INSTRUCTIONS ISSUED ON JULY 7, 1970.

## FRANCE

"POLLUTION OF RHONE ATTRIBUTABLE TO ACCIDENT." LE FIGARO

SCHWEITZER, GENEVIEVE

LR(B)

FRENCH

07/14/76 PGS 3

EPA

ID# 04008A

AN ACCIDENTAL DISCHARGE OF CHEMICAL POLLUTANTS BY THE UGINE-KOHLMANN COMPANY IS REPORTED TO HAVE BEEN RESPONSIBLE FOR CONSIDERABLE DAMAGE TO A CERTAIN SEGMENT OF THE RHONE RIVER. A GENERAL EXAMINATION OF SUCH ACCIDENTAL INDUSTRIAL DISCHARGE DISCUSSES THE INEFFECTIVENESS OF MOST REMEDIAL TREATMENTS AND THE CONSEQUENT EMPHASIS ON PREVENTION. PENAL PROVISIONS DEALING WITH THIS PROBLEM ARE INCLUDED IN THE LAW ON CLASSIFIED ESTABLISHMENTS (A FINE NOT TO EXCEED 2,000 FRANCS) AND THE WATER LAW. ARTICLE 434-1 OF THE RURAL CODE, HOWEVER, CONTAINS THE MOST STRINGENT PROVISIONS, WITH A FINE OF UP TO 5,000 FRANCS AND IMPRISONMENT FROM 10 DAYS TO A YEAR. THIS ARTICLE IS MOST FREQUENTLY APPLIED IN RESPONSE TO COMPLAINTS BY FISHERMAN.

## WATER

GERMANY,FED REP OF DECEMBER 23, 1968 LAW CONCERNING MEASURES TO ASSURE THE DISPOSAL OF WASTE OIL  
(WASTE OIL LAW)

LR(A) GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
ENGLISH\* 08/00/71 PGS 1-19 ID# 02028E  
ALSO GERMAN

THIS PUBLICATION CONTAINS GERMAN AND ENGLISH TEXTS OF THE FEDERAL WASTE OIL LAW. THE LAW CREATES A RESERVE FUND FROM WHICH PUBLIC AND COMMERCIAL BODIES THAT DISPOSE OF WASTE OILS FOR OTHER PERSONS MAY RECEIVE CONTINUAL PAYMENTS FOR COSTS OTHERWISE UNCOVERED, PROVIDED THAT THE WASTE OILS ARE DISPOSED OF IN ENVIRONMENTALLY COMPATIBLE WAYS. THE RESERVE FUND, TO BE ADMINISTERED BY THE FEDERAL OFFICE FOR TRADE AND INDUSTRY, IS TO BE FINANCED BY A "COMPENSATION TAX" ON LUBRICATING OILS, GAS OILS USED AS LUBRICATING OILS AND GREASES WITH THEIR HEAVY OIL COMPONENTS. THOSE POSSESSING WASTE OILS MAY REQUIRE THAT QUANTITIES OVER 200 LITERS BE PICKED UP, WHILE LATER PICKUP WILL BE ARRANGED FOR AMOUNTS UNDER 200 LITERS. TRADE AND OTHER COMMERCIAL ENTERPRISES MUST KEEP A RECORD BOOK IF THEY ACCUMULATE MORE THAN 500 KILOGRAMS OF WASTE OILS THAT MAY NOT BE PICKED UP PER YEAR TO INDICATE THE QUANTITY, NATURE AND DISPOSITION OF THE MATERIALS. (THE GERMAN TEXT OF THIS LAW WAS ABSTRACTED AS ID NO. 02028A.)

GERMANY,FED REP OF "MOST VIOLATIONS AGAINST WATER PROTECTION." UMWELT: FORSCHUNG, GESTALTUNG,  
SCHUTZ, NO. 5

LR(B) GERMAN 10/00/75 PGS 6 EPA  
\*GENERAL ID# 04025A

GERMANY,FED REP OF SURVEY OF RULES AND REGULATIONS PROMULGATED BY THE FEDERAL GOVERNMENT IN THE  
FIELD OF ENVIRONMENTAL PROTECTION

LR(B) GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
ENGLISH 09/10/74 PGS 1-18 ID# 04060A  
\*GENERAL AIR RADIATION SOLID WASTE

GERMANY,FED REP OF UMWELTBERICHT '76 (ENVIRONMENTAL REPORT '76)

PM(A) GERMANY,FED REP OF. FEDERAL MINISTRY OF THE INTERIOR EPA  
GERMAN 00/00/76 PGS 1-293 ID# 04033A  
ALSO PMB, LRB  
\*GENERAL AIR NOISE SOLID WASTE TOXIC SUBS

## WATER

## GREAT BRITAIN

PM(B)

PROGRESS SUSTAINED: CHANGES IN THE BRITISH ENVIRONMENTAL SCENE. REPORT TO  
THE SECOND SESSION OF THE GOVERNING COUNCIL OF THE U.N. ENVIRONMENT PROGRAMME  
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
ENGLISH 00/00/74 PGS 1-39 ID# 03993A  
ALSO PMA, LRB  
\*GENERAL AIR

## GREAT BRITAIN

PM(B)

LIVERPOOL BAY: AN ASSESSMENT OF PRESENT KNOWLEDGE. NATURAL ENVIRONMENT  
RESEARCH COUNCIL PUBLICATIONS SERIES C, NO. 14  
LIVERPOOL BAY STUDY GROUP, COMP. EPA  
ENGLISH 04/00/75 PGS 1-72 ID# 03998A  
ALSO ST

THIS PUBLICATION IS A COMPILATION AND SYNOPSIS OF 20 PAPERS DISCUSSING THE PHYSICAL, CHEMICAL  
AND BIOLOGICAL CHARACTERISTICS OF LIVERPOOL BAY IN ENGLAND. AS EXPLAINED IN THE PREFACE, THE  
PUBLICATION REPRESENTS PART OF A NATIONAL EFFORT TO FOCUS ATTENTION ON THE SCIENTIFIC PROBLEMS  
OF PARTICULAR ESTUARIES BY INCREASING DATA EXCHANGE BETWEEN RESEARCHERS IN THIS FIELD AND  
IDENTIFYING AREAS IN WHICH RESEARCH IS NEEDED. THE FIRST PAPER DISCUSSES THE GEOLOGY OF  
LIVERPOOL BAY, AND THE SEVEN FOLLOWING PAPERS DEAL WITH WATER MOVEMENTS IN THE BAY AND OTHER  
PHYSICAL ASPECTS, INCLUDING DISCHARGES OF WASTES INTO THE BAY. PAPERS NOS. 9 TO 19 TREAT THE  
VARIOUS CHEMICAL AND BIOLOGICAL CHARACTERISTICS OF THE BAY, AND THE LAST PAPER REVIEWS THE HUMAN  
INFLUENCE ON THE BAY IN TERMS OF INCREASING POLLUTION.

## GREAT BRITAIN

ST( )

DEPARTMENT OF THE ENVIRONMENT REGISTER OF RESEARCH 1976. PART IV:  
ENVIRONMENTAL POLLUTION  
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA  
ENGLISH 00/00/76 PGS 1-255 ID# 03005C  
\*GENERAL AIR NOISE RADIATION TOXIC SUBS

## HUNGARY

PM(B)

MAIN FEATURES OF WATER MANAGEMENT ACTIVITIES IN HUNGARY EPA  
ENGLISH 00/00/75 PGS 1-37 ID# 04023A

RAPID ECONOMIC GROWTH IN THE PAST 25 YEARS HAS LEAD TO INCREASED WATER DEMAND AND INCREASED  
KINDS AND QUANTITIES OF WASTEWATER IN HUNGARY. INDUSTRIALIZATION, ACCELERATED URBANIZATION,  
AND POLLUTED WATERS FLOWING INTO HUNGARY'S RIVERS AND WATERWAYS FROM OUTSIDE ITS BORDERS HAVE  
CONTRIBUTED TO WATER POLLUTION PROBLEMS. THIS PAMPHLET DISCUSSES TASKS AND GOALS OF THE MAJOR  
BRANCHES OF WATER RESOURCES MANAGEMENT IN HUNGARY, INCLUDING THOSE INVOLVED IN POLLUTION CONTROL.  
SECTIONS OF THE PAMPHLET DEAL WITH: 1) MUNICIPAL WATER SUPPLY AND SEWERAGE, 2) WATER MANAGEMENT  
IN INDUSTRY, 3) USE OF THERMAL WATER RESOURCES, 4) WATER MANAGEMENT IN AGRICULTURE, 5) WATER SUPPLY  
FOR IRRIGATION AND FISH PONDS, 6) LAND DRAINAGE, 7) FLOOD CONTROL, 8) REGULATION OF RIVERS,  
WATERWAYS AND LAKES, 9) DEVELOPMENT OF WATER POWER, 10) WATER RESOURCES AND WATER DEMAND AND 11)  
PROTECTION OF WATER QUALITY. OTHER SECTIONS OF THE PAMPHLET OUTLINE THE HUNGARIAN ADMINISTRATIVE  
ORGANIZATION FOR WATER MANAGEMENT AND DISCUSS TRAINING, RESEARCH, PLANNING AND CONSTRUCTION.

## WATER

## HUNGARY

PM(A)

BRIEF INFORMATION ON THE PROTECTION OF ENVIRONMENT IN HUNGARY  
 HUNGARY. SECRETARIAT, NATL. COUNCIL FOR ENVIRONMENT PROT. EPA  
 ENGLISH 00/00/76 PGS 1-11 ID# 04024A  
 ALSO LRB, PMB  
 \*GENERAL AIR LAND USE SOLID WASTE

## HUNGARY

PM(B)

WATER MANAGEMENT AND LONG-RANGE PLANNING IN HUNGARY  
 HUNGARY. NATIONAL WATER AUTHORITY EPA  
 ENGLISH 00/00/75 PGS 1-50 ID# 04055A

THIS BOOKLET CONSISTS OF 38 PAGES OF TEXT AND 12 PAGES OF MAPS, CHARTS AND DIAGRAMS. FOUR MAJOR SECTIONS DEAL WITH: 1) THE SIGNIFICANCE OF WATER MANAGEMENT, 2) THE DEVELOPMENT OF WATER MANAGEMENT IN HUNGARY, 3) LONG-RANGE WATER MANAGEMENT PLANNING, AND 4) THE MASTER PLAN FOR WATER MANAGEMENT. THE SECTION ON THE DEVELOPMENT OF WATER MANAGEMENT IN HUNGARY INCLUDES SUBSECTIONS ON AN INTEGRATED WATER MANAGEMENT ORGANIZATION AND THE ACTIVITIES OF VARIOUS SECTORS OF WATER MANAGEMENT. AMONG OTHER THINGS, DOMESTIC WATER SUPPLY AND SEWERAGE, INDUSTRIAL WATER MANAGEMENT, AND POLLUTION CONTROL ARE DISCUSSED. DIAGRAMS FOLLOWING THE TEXT REPRESENT THE ORGANIZATION OF A) THE HUNGARIAN WATER ADMINISTRATION AND B) THE ORGANIZATIONAL SCHEME OF THE DISTRICT WATER AUTHORITIES. MAPS ILLUSTRATE SUCH THINGS AS TOPOGRAPHY, DRAINAGE, PRECIPITATION AND THE AREAL BOUNDARIES OF VARIOUS WATER MANAGEMENT UNITS. CHARTS DEAL WITH WATER DEMAND IN HUNGARY AND OTHER SELECTED COUNTRIES AND THE DEVELOPMENT OF VARIOUS SECTORS OF THE HUNGARIAN ECONOMY.

## INTERNATIONAL

PM(B)

"INTERNATIONAL COOPERATION FOR THE PROTECTION OF AN INLAND SEA: THE BALTIC."  
 IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY  
 LANDNER, LARS EPA  
 ENGLISH 06/00/76 PGS 1-18 ID# 04019A  
 TOXIC SUBS PESTICIDES

THIS PAPER, PRESENTED AT THE 24TH IRANIAN MEDICAL CONGRESS ON "ENVIRONMENTAL HEALTH," SEPTEMBER 5-12, 1975 AT RAMSAR, IRAN, GIVES PHYSICAL BACKGROUND DATA ON THE BALTIC AS WELL AS SOME RECENT FIGURES ON AMOUNTS OF WASTES DISCHARGED INTO COASTAL WATERS FROM SURROUNDING COUNTRIES AND INTO THE OPEN SEA FROM SHIPS AND BY ATMOSPHERIC FALLOUT. A FEW EXAMPLES OF THE NUMEROUS RESEARCH PROJECTS CONCERNED WITH DIFFERENT ASPECTS OF POLLUTION OF THE BALTIC SEA ARE PRESENTED WITH ATTEMPTS TO COORDINATE THIS RESEARCH AT THE INTERNATIONAL LEVEL. THE ROLE OF INTERNATIONAL CONVENTIONS FOR THE PROTECTION OF THE MARINE ENVIRONMENT IS DISCUSSED, AND THE AIM AND CONTENT OF THE HELSINKI CONVENTION FOR THE PROTECTION OF THE BALTIC SEA ARE DESCRIBED IN SOME DETAIL. IT IS HOPED THAT EFFORTS TO CONTROL POLLUTION IN THE BALTIC SEA MAY SERVE AS AN EXAMPLE FOR WHAT COULD BE DONE ELSEWHERE, UNDER SIMILAR CIRCUMSTANCES, E.G., IN THE CASPIAN SEA OR THE PERSIAN GULF.

## WATER

ITALY

LR(B)

"NO RESPITE FOR NEW DISCHARGES." CORRIERE DELLA SERA  
AMENDOLA, GIANFRANCO  
ITALIAN 06/02/76 PGS 16

EPA  
ID# 04030A

THE NEW ITALIAN LAW AGAINST WATER POLLUTION MAKES SEVERAL DISTINCTIONS WITH REGARD TO EFFLUENT DISCHARGES, DIFFERENTIATING BETWEEN EFFLUENTS FROM CIVIL AND INDUSTRIAL INSTALLATIONS AS WELL AS BETWEEN NEW (THOSE WHICH ARE RELEASED AFTER THE LAW'S COMING INTO FORCE) AND EXISTING EFFLUENT DISCHARGES. THIS ARTICLE EXAMINES THOSE PROVISIONS OF THE LAW WHICH REGULATE NEW DISCHARGES. INDUSTRIAL DISCHARGES INTO SURFACE WATERS OTHER THAN MARINE WATERS ARE REQUIRED TO MEET THE MORE STRINGENT STANDARDS OF TABLE A. PRODUCTIVE DISCHARGES INTO PUBLIC SEWERAGE ARE TO CONFORM TO MUNICIPAL LIMITS IF A CENTRALIZED PURIFICATION PLANT EXISTS OR MEET THE REQUIREMENTS OF TABLE C. DISCHARGES INTO THE GROUND OR UNDERGROUND ARE TO COMPLY WITH SANITARY RULES OF LOCAL SANITARY AUTHORITIES. MARINE WATER DISCHARGES ARE PLACED UNDER THE JURISDICTION OF THE HARBOR MASTER'S OFFICE. PENAL PROVISIONS OF THE LAW ARE ALSO EXAMINED IN DETAIL.

ITALY

LR(B)

"ALL ACQUITTED IN APPEAL OF POLLUTION CONVICTION FOR RED SLUDGES."  
CORRIERE DELLA SERA

ITALIAN

07/09/76 PGS 9

EPA  
ID# 04034A

THE APPEAL OF A POLLUTION CONVICTION BY A GROUP OF MONTEDISON COMPANY OFFICIALS HAS CONCLUDED WITH A WHOLESAL ACQUITTAL, ACCORDING TO THIS ARTICLE. APPEAL PROCEEDINGS BEGAN ON MARCH 24, 1976 ON CHARGES OF POLLUTION RESULTING FROM THE DISCHARGE OF RED SLUDGES INTO MARINE WATERS. BECAUSE THE ITALIAN PARLIAMENT WAS THEN CONCLUDING DEBATES ON A NEW WATER PROTECTION LAW, THE DEFENSE ADOPTED DILATORY TACTICS. BUT WHEN THE MERLI WATER PROTECTION LAW WAS STILL UNDER CONSIDERATION IN MAY, THE COURT OF LIVORNO DECIDED TO ADJOURN UNTIL THE PROMULGATION OF THE LAW. AT ISSUE WERE TWO ARTICLES OF THE LAW, ARTICLE 25 AND 26, WHICH THE AUTHOR CLAIMS MAY HAVE BEEN INCLUDED SPECIFICALLY FOR THE BENEFIT OF THE MONTEDISON OFFICIALS. THESE ARTICLES STIPULATE THAT THE DEEDS FOR WHICH THE OFFICIALS WERE BEING TRIED WERE NO LONGER TO BE CONSIDERED AS CRIMES OR COULD BE DECLARED NON-PUNISHABLE IN THE EVENT POLLUTION ABATEMENT MEASURES WERE ADOPTED. ON THIS BASIS AN ACQUITTAL WAS HANDED DOWN BY THE COURT ON JULY 7, 1976.

ITALY

LR(B)

"AUTHORIZATION REQUEST ENTITLES APPLICANT TO POLLUTE." CORRIERE  
DELLA SERA  
AMENDOLA, GIANFRANCO  
ITALIAN 06/09/76 PGS 13

EPA  
ID# 04036A

THIS ARTICLE EXAMINES THOSE PROVISIONS OF THE ITALIAN WATER PROTECTION LAW WHICH CONCERN EXISTING EFFLUENT DISCHARGES FROM INDUSTRIAL INSTALLATIONS. AN INDIVIDUAL IN POSSESSION OF EFFLUENTS IS FIRST AND FOREMOST REQUIRED TO FILE AN AUTHORIZATION REQUEST SPECIFYING THE NATURE AND QUANTITY OF THE EXISTING EFFLUENT, AS WELL AS THE WATER QUANTITY NECESSARY DURING THE COURSE OF ONE CALENDAR YEAR. ALSO REQUIRED IS AN INDICATION OF THE WATER SUPPLY SOURCE AND THE EVENTUAL APPROVED DISCHARGE SITE. COMPETENT AUTHORITIES ARE DIRECTED TO REVIEW THE APPLICATIONS AND ISSUE PROVISIONAL AUTHORIZATIONS WHICH BECOME PERMANENT AFTER A SIX MONTH PERIOD IF THE APPLICATION IS ACCEPTED. IN ADDITION, THE AUTHOR REVIEWS THE RESTRICTIONS WHICH ARE IMPOSED ON THE VARIOUS CATEGORIES OF DISCHARGES, THE PERTINENT PENAL PROVISIONS OF THE LAW AND THE IMPLICATIONS OF THESE PROVISIONS FOR THE INDUSTRIAL POLLUTER.



## WATER

## ITALY

"SHORTCOMINGS IN THE LAW ON THE PROTECTION OF WATER." CORRIERE  
DELLA SERA

LR(B)

AMENDOLA, GIANFRANCO  
ITALIAN

06/30/76 PGS 19

EPA  
ID# 04057A

AFTER A SHORT PERIOD IN EFFECT, ITALIAN LAW NO. 319 ON THE PROTECTION OF WATER FROM POLLUTION IS RE-EXAMINED FOR INADEQUACIES. PROPOSALS ARE MADE BY THE AUTHOR FOR IMPROVEMENTS ON BOTH THE LEGISLATIVE AND ADMINISTRATIVE LEVELS. IN THE FIRST INSTANCE, SUGGESTIONS INCLUDE: 1) THE INCLUSION OF URBAN DISCHARGES AS A SEPARATE ENTITY TO BE DISTINGUISHED FROM INDUSTRIAL POLLUTION IN THE LAW'S PENAL SANCTIONS; 2) THE DIFFERENTIATION, ALSO IN THE PENAL PROVISIONS, BETWEEN DISCHARGES CONDUCTED WITHOUT AUTHORIZATION AND THOSE, WHETHER AUTHORIZED OR NOT, WHICH ARE CONDUCTED OUTSIDE OF PRESCRIBED LIMITS; AND 3) THE RATIFICATION OF THE 1972 LONDON CONVENTION WITH ITS "BLACK LIST" OF SUBSTANCES NOT TO BE DISCHARGED. ON THE ADMINISTRATIVE LEVEL, SUGGESTIONS CONCERN THE MODIFICATION OF REGIONAL, PROVINCIAL AND MUNICIPAL STRUCTURES FOR THE BETTER ASSUMPTION OF THEIR ASSIGNED TASKS AND THE ESTABLISHMENT OF PROVISIONAL EMISSION LIMITS FOR INCLUSION IN DISCHARGE AUTHORIZATIONS.

## MALAGASY REPUBLIC

"MAY 11, 1971 DECREE NO. 71-223 ON THE INTERMINISTERIAL COORDINATION OF  
WATER MATTERS." JOURNAL OFFICIEL DE LA REPUBLIQUE MALAGASY

LR(A)

FRENCH

05/22/71 PGS 1078-79

EPA  
ID# 04000A

THIS DECREE, WHICH ABROGATES DECREE NO. 62-148 ON THE CREATION OF A NATIONAL HIGHER WATER COUNCIL, PROVIDES FOR THE INTERMINISTERIAL COORDINATION OF WATER MATTERS RELATIVE TO, INTER ALIA, CONSERVATION, PUBLIC HEALTH, INDUSTRY, AGRICULTURE, DRAINAGE, AND THE PROTECTION OF LANDSCAPES AND SPORTS. THE INTERMINISTERIAL WATER COUNCIL IS MADE RESPONSIBLE FOR ANY PROBLEM IN THESE AREAS, AS WELL AS FOR THE FORMULATION OF A GENERAL WATER POLICY. DESCRIBED IN THE DECREE IS THE INTERMINISTERIAL COMPOSITION OF THE COUNCIL. A TECHNICAL WATER COMMITTEE, WHOSE MEMBERSHIP THE DECREE ALSO DESIGNATES, IS TO ASSIST THE COUNCIL IN ITS FUNCTIONS. THE COMMITTEE IS TO COORDINATE STUDIES CONDUCTED BY VARIOUS MINISTRIES; STUDY SUITABLE ADAPTATIONS OF NEW TECHNOLOGIES; AND EXAMINE AND PROPOSE TO THE INTERMINISTERIAL COUNCIL POSSIBLE IMPROVEMENTS AND ADDITIONS TO LEGISLATION AND REGULATIONS ALREADY IN EFFECT.

## MEXICO

"30,000 MILLION SPENT AGAINST THE AFFLICTION." EXCELSIOR

PM(B)

SPANISH  
\*AIR

06/05/76 PGS 4A  
SOLID WASTE

EPA  
ID# 03994A

## WATER

## NEW ZEALAND

KIRKPATRICK RECLAMATION. NAPIER BREAKWATER HARBOUR. ENVIRONMENTAL IMPACT  
 REPORT; SUBMISSIONS; AND AUDIT.  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/75 PGS 1-55 ID# 04013A  
 \*LAND USE

## NEW ZEALAND

PORT CHALMERS RECLAMATION AND CONTAINER TERMINAL DEVELOPMENT. ENVIRONMENTAL  
 IMPACT REPORT. SUBMISSIONS. AND AUDIT  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/75 PGS 1-100 ID# 04016A  
 \*LAND USE NOISE

## NEW ZEALAND

AUCKLAND RAPID TRANSIT SCHEME: STAGE ONE. ENVIRONMENTAL IMPACT REPORT;  
 SUBMISSIONS; AND AUDIT  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/74 PGS 1-120 ID# 04017A  
 \*GENERAL LAND USE NOISE AIR

## NEW ZEALAND

LOWRY BAY BOAT HARBOUR. ENVIRONMENTAL IMPACT REPORT; SUBMISSIONS; AND AUDIT  
 NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT EPA  
 ENGLISH 00/00/75 PGS 1-200 ID# 04018A  
 \*LAND USE NOISE

## NORWAY

"WILL FLOATING ENVIRONMENTAL PLANT BE THE SOLUTION FOR FUTURE WASTE DISPOSAL?"  
 AFTENPOSTEN  
 PARMANN, GEORG EPA  
 NORWEGIAN 06/08/76 PGS 13 ID# 04011A  
 \*SOLID WASTE

## WATER

## SOUTH AFRICA

SOUTH AFRICAN ENVIRONMENTAL LEGISLATION. IFCOL 1

RABIE, ANDRE

EPA

LR(B)

ENGLISH

00/00/76 PGS 1-199

ID# 04048A

\*GENERAL

AIR

NOISE

PESTICIDES

LAND USE

SOLID WASTE

## SWEDEN

INVENTORIES OF LAKE ACIDIFICATION. STATENS NATURVARDSVERK SNV PM 676

MALMER, NILS

EPA

ST( )

SWEDISH

00/00/75 PGS 1-134

ID# 04002A

THIS REPORT DEALS ESPECIALLY WITH THE CONDITIONS IN OLIGOTROPHIC LAKES WHERE THE EFFECTS OF ACIDIFICATION ARE THE MOST SERIOUS. ACIDIFICATION NOT ONLY CAUSES A DECREASE IN PH BUT ALSO SEEMS TO INFLUENCE ITS BUFFER CAPACITY AND STABILITY NEGATIVELY AS A RESULT OF THE DECREASE IN HCO<sub>3</sub>. THERE HAS BEEN A GENERAL DECREASE IN PH IN THE LAKES OF KRONOBERG'S COUNTY SINCE THE 1930'S. CONDUCTIVITY INCREASED DURING THIS PERIOD BUT WATER TRANSPARENCY AND COLOR SEEM TO BE THE SAME. ALTHOUGH ACIDIFICATION HAS BEEN MOST SIGNIFICANT AMONG THE SMALL LAKES, THE NUMBER OF LARGER LAKES WITH LOW PH IS INCREASING. THIS INDICATES THAT ACIDIFICATION OF LAKES IS A CONTINUOUSLY ONGOING PROCESS WHICH SEEMS TO BE INFLUENCED BOTH BY MINOR DIFFERENCES IN THE SOIL CONDITIONS AND BY THE TURNOVER TIME FOR THE WATER IN THE WHOLE DRAINAGE AREA. A SHORT SUMMARY IN ENGLISH AND A BIBLIOGRAPHY ARE INCLUDED.

## SWEDEN

"COMPOSTING OF BARK AND DIGESTED SLUDGE UNDER AERATION." IVL - SWEDISH WATER

AND AIR POLLUTION RESEARCH LABORATORY

KULANDER, KARL-ERIK, AND LARS-GUNNAR LINDFORS

EPA

ST( )

SWEDISH

00/00/76 PGS 1-18

ID# 04027A

TESTS HAVE PROVEN THAT COMPOSTING OF BARK AND DIGESTED SLUDGE UNDER AERATION LEADS TO A HIGHER ACTIVITY LEVEL THAN COMPOSTING WITHOUT AERATION. UNDER AERATION, THE PRODUCTION OF CARBON DIOXIDE DECREASES AFTER FIVE WEEKS AND THE TEMPERATURE DROPS AFTER EIGHT BUT, WITHOUT AERATION, BOTH STILL REMAIN UNCHANGED AFTER 20 WEEKS. SINCE COMPOST UNDER AERATION CONTAINS A HIGHER DEGREE OF LEACHABLE CARBON DURING THE FIRST 10-12 WEEKS, THIS METHOD IS NOT RECOMMENDED IF THE AIM IS TO INCREASE THE ABILITY OF DEPOSITING. RISK OF ANAEROBIOSIS DOES, HOWEVER, EXIST WITHOUT AERATION. LEACHING FROM BARK DEPOSITS HAS BEEN SIMULATED IN A LYSIMETER. A TOXICITY TEST OF THE LEACHING FLUID SHOWED THAT ALTHOUGH THE COMPOSITION OF THE FLUID CHANGES DURING COMPOSTING, THE TOXICITY OF THE FLUID DOES NOT INCREASE. A NUMBER OF DIAGRAMS ILLUSTRATING PROCESSES WHICH OCCUR DURING COMPOSTING UNDER AND WITHOUT AERATION ARE APPENDED TO THE REPORT.

## WATER

## SWEDEN

ST( )

"LAKE VATTEN: RECENT SEDIMENTARY DEPOSITS AND SEDIMENT CHEMISTRY." STATENS  
 NATURVARDSVERK SNV PM 740, NLU REPORT 88  
 HAKANSON, LARS, AND THORSTEN AHL  
 SWEDISH\* 00/00/76 PGS 1-164 EPA ID# C4040A  
 \*SUMMARY IN ENGLISH

THIS REPORT GIVES A BROAD PHYSICAL-LIMNOLOGICAL DESCRIPTION OF LAKE VATTEN, THE SECOND LARGEST LAKE IN SWEDEN, WITH SPECIAL EMPHASIS ON RECENT SEDIMENTARY DEPOSITS, SEDIMENT POLLUTION, WATER CHEMISTRY, AND MORPHOMETRY. THE SEDIMENT DISTRIBUTION OF THE FOLLOWING PARAMETERS IS DISCUSSED: WATER CONTENT, BULK DENSITY, ORGANIC CONTENT, BE, B, C, N, NA, MG, P, K, CA, V, CR, MN, FE, CO, NI, CU, ZN, MO, AG, CD, SN, HG, PCB, AND DDT. THE WATER QUALITY OF THE LAKE AND ITS TRIBUTARIES IS ALSO DISCUSSED ON THE BASIS OF A GEOLOGICAL SURVEY AND A REVIEW OF THE SOILS OF THE DRAINAGE AREA IN TERMS OF THE PARAMETERS PH, TOTAL-N, TOTAL-P, SI, COLOR, KMNO4-VALUE, AND MAJOR CONSTITUENTS. THE OLIGOTROPHIC STATE AND THE LONG RETENTION TIME OF THE WATER (60 YEARS) MAKE LAKE VATTEN VERY SENSITIVE TO ENVIRONMENTAL POISONS. TWO OF THE MOST IMPORTANT FACTORS AFFECTING THE DISTRIBUTION OF TRACE ELEMENTS AND NUTRIENTS WERE FOUND TO BE THE DISTANCE FROM THE POLLUTING SOURCE AND THE DYNAMIC PROCESSES THAT DOMINATE THE BOTTOM WATER ZONE.

## SWEDEN

ST( )

"MICROBIAL ALKYLATION OF METALS: SOME COMMENTS ON ECOLOGICAL CONSEQUENCES OF THE PROCESS." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY  
 JERNELOV, ARNE  
 ENGLISH 09/00/76 PGS 1-26 EPA ID# 04042A

THIS PAMPHLET DEALS WITH ECOLOGICAL CONSEQUENCES OF MICROBIAL AKLYLATION OF METALS UNDER THE FOLLOWING MAJOR HEADINGS: PROCESSES OF BIOCHEMICAL ALKYLATION; BIOLOGICAL DEGRADATION OF ALKYL-METAL COMPOUNDS; AND ECOLOGICAL IMPORTANCE OF BIOLOGICAL FORMATION OF ALKYL-METAL COMPOUNDS. MICROBIAL AKLYLATION HAS TO DATE BEEN DEMONSTRATED FOR A NUMBER OF METALS AND METALLOIDS, FOR EXAMPLE MERCURY, SELENIUM TELLURIUM, ARSENIC, AND TIN. ON PHYSICAL/CHEMICAL GROUNDS THE PROCESS HAS BEEN POSTULATED FOR SEVERAL OTHERS, INCLUDING PLATINUM AND GOLD. A LIST OF REFERENCES AND SEVERAL CHARTS ARE APPENDED TO THE REPDRT.

## SWEDEN

ST( )

"BENTHOS INVENTORIES IN RIVERS BY MEANS OF THE EKMAN GRAB: A STUDY OF THE METHOD WITH RECOMMENDATIONS." STATENS NATURVARDSVERK 1976 SNV PM 749  
 OLSSON, TOMMY  
 SWEDISH 07/00/76 PGS 1-66 EPA ID# 04054A

THIS PUBLICATION REPORTS ON A NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD PROJECT WHICH WAS ESTABLISHED TO EVALUATE THE USEFULNESS OF THE EKMAN GRAB TO INVESTIGATE WHEN, WHERE, AND HOW SAMPLING SHOULD BE CARRIED OUT IN SLOW-RUNNING PORTIONS OF LARGE RIVERS TO GIVE GOOD QUALITATIVE AND QUANTITATIVE ESTIMATES OF THE BENTHOS FAUNA AND ITS ABUNDANCE. RESEARCH AT THE 15 SAMPLING STATIONS ALONG THE VINDELALVEN RIVER IN NORTHERN SWEDEN LED TO THE FOLLOWING CONCLUSIONS: THE GRAB IS USEFUL IF PROVIDED WITH A SHAFT ALTHOUGH DEPTHS OF MORE THAN 4-4.5 M ARE DIFFICULT TO SAMPLE; WINTER IS THE MOST SUITABLE SEASON FOR SAMPLING; SAMPLING SHOULD BE CARRIED OUT BELOW LAKE OUTLETS OR CLOSE TO DOWNSTREAM RAPIDS; THE SUBLITTORAL DEPTH ZONE IS THE ONE BEST SUITED FOR SAMPLING, SINCE ABIOTIC CONDITIONS ARE MORE STABLE AND MOST OF THE FAUNA IS REPRESENTED HERE; AND 20 SAMPLING UNITS SEEM TO BE A SATISFACTORY NUMBER FOR A QUANTITATIVE ESTIMATE OF THE BENTHOS FAUNA IN EACH DEPTH ZONE.

## WATER

## SWITZERLAND

"PROGRESS MADE IN THE PURIFICATION OF WASTEWATER." JOURNAL  
DE GENEVE

PM(B)

FRENCH

04/07/76 PGS 10

EPA  
ID# 04004A

AS OF JANUARY 1, 1976, 649 WASTEWATER TREATMENT PLANTS WERE IN OPERATION IN SWITZERLAND, SERVING THE NEEDS OF 1,149 SWISS MUNICIPALITIES. 66 OF THESE TREATMENT PLANTS, SERVING 172 OF THE MUNICIPALITIES WERE CONSTRUCTED DURING 1975. 72 PERCENT OF THE SWISS POPULATION IS CONSEQUENTLY REPORTED TO BE LINKED TO A TREATMENT PLANT. THE FEDERAL ENVIRONMENTAL PROTECTION OFFICE POINTS OUT, HOWEVER, THAT THE PERCENTAGE FIGURE FOR THE TOTAL NUMBER OF INHABITANTS ACTUALLY BEING SERVED IS ONLY 55 PERCENT. CONSTRUCTION ON 97 PLANTS FOR THE BENEFIT OF 350 MUNICIPALITIES HAS BEEN UNDERTAKEN SINCE THE START OF 1976.

## UNITED NATIONS

EXPERT CONSULTATION ON THE JOINT COORDINATED PROJECT ON POLLUTION IN THE  
MEDITERRANEAN  
UNITED NATIONS

PM(B)

ENGLISH

00/00/75 PGS 1-69

EPA  
ID# 04044A

THE IOC/WMO/UNEP EXPERT CONSULTATION ON THE JOINT CO-ORDINATED PROJECT ON POLLUTION IN THE MEDITERRANEAN CONVENED BY THE INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION IN COOPERATION WITH THE WORLD METEOROLOGICAL ORGANIZATION AND WITH THE SUPPORT OF THE UNITED NATIONS ENVIRONMENT PROGRAM, WAS HELD IN MALTA FROM SEPTEMBER 8 TO 13, 1975. THE CONSULTATION WAS CHARGED WITH DEVELOPING THE OPERATIONAL DOCUMENTS FOR TWO PILOT PROJECTS: 1) BASELINE STUDIES AND MONITORING OF OIL AND PETROLEUM HYDROCARBONS IN MARINE WATERS; AND 2) COASTAL TRANSPORT PROBLEMS OF POLLUTANTS. THIS REPORT CONTAINS A SUMMARY OF THE MEETING WHICH INCLUDES THE OPENING OF THE CONSULTATION; ADOPTION OF THE AGENDA; CONSIDERATION OF OBJECTIVES AND PLANS OF OPERATION FOR BOTH PILOT PROJECTS; AND DISCUSSION OF TECHNICAL MATTERS RELEVANT TO BOTH PILOT PROJECTS. APPENDED TO THE REPORT IS THE ADOPTED VERSION OF THE AGENDA; A LIST OF PROCEDURAL AND INFORMATIONAL DOCUMENTS RELATING TO THE MEETING; AND ADOPTED VERSION OF THE TWO OPERATIONAL PROJECT PLANS.



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WASHINGTON, D.C. 20460

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