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SUMMARIES

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U S ENVIRONMENTAL PROTECTION AGENCY
Washington D C 20460

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FOREWORD

Under a series of documents exchange agreements with environmental agencies in other countries, EPA is building a collection of environmental reports issued by foreign governments and international organizations. This is a monthly announcement listing of foreign documents received through the exchange agreements.

The original documents can be obtained through the Library Systems Branch (see back page for order form). More detailed English abstracts can be provided when required. Full text translations, which are expensive, should be requested only when essential for operation of EPA programs. Translation Services Requisition form #1350-1 is used to request translations.

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a. country
b. subject area
   - air
   - water
   - noise
   - pesticides
   - radiation
   - solid waste management

c. type of document
   - legal/legislative/regulatory
   - management/planning
   - socio-economic

This series, devoted to summaries of government reports and other pertinent literature and focusing on the legislative, organizational, economic, and social aspects of environmental protection, supplements foreign scientific and technical literature abstracted by other EPA information services.

APTIC	PIC
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Ultimately, EPA plans to assemble a major collection of foreign government environments documents and to develop several approaches to the dissemination of this information to EPA staff. This announcement of documents received is the first step.

Office of Planning and Management — Office of International Activities

U. S. Environmental Protection Agency
Washington, D. C. 20460

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AIR

BRAZIL "POLLUTION: THE EVIL OF PROGRESS." MANCHETE
EPA
PM(B) PORTUGUESE 07/05/75 PGS 54-58 ID# 02933A
ALSO SE AND LRB
WATER

THIS ARTICLE DESCRIBES THE SERIOUS AIR AND WATER POLLUTION IN THE MAJOR CITIES OF BRAZIL AND DISCUSSES THE LEGAL, ADMINISTRATIVE AND ECONOMIC ACTIONS ENVISAGED BY NATIONAL AND LOCAL AGENCIES TO CONFRONT THE PROBLEM. IT IS EXPECTED THAT FORTHCOMING NATIONAL LEGISLATION WILL EXPAND THE POWERS OF THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) TO ENSURE BETTER CONTROL OF ENVIRONMENTAL POLLUTION IN THE COUNTRY. ENVIRONMENTAL OR SIMILAR AGENCIES WITHIN SEVERAL STATE GOVERNMENTS PLAY AN IMPORTANT ROLE IN MONITORING AND CONTROLLING AIR AND WATER POLLUTION. ALSO LOCAL LEGISLATION HAS BEEN DRAFTED OR IS UNDER CONSIDERATION TO DEVELOP MORE FULLY THE LEGAL POTENTIAL OF ENVIRONMENTAL AGENCIES TO CONTROL POLLUTION. IN SAO PAULO SIXTY MILLION CRUZEIROS IN LOANS HAVE BEEN MADE AVAILABLE TO INDUSTRIALISTS FOR ANTIPOLLUTION EQUIPMENT, AND SUBSTANTIAL ECONOMIC RESOURCES AND PROGRAMS HAVE ALSO BEEN APPLIED IN OTHER AREAS OF THE COUNTRY TO CONTROL AIR AND WATER POLLUTION.

BRAZIL "NATIONAL COMMISSION TO CONTROL WATER POLLUTION INSTALLED." O GLOBO
EPA
PM(A) PORTUGUESE 07/04/75 PGS 6 ID# 02954A
*WATER

BULGARIA "THE ATMOSPHERE IN THE CAPITAL." RABOTNICHESKO DELO
KANTARDZHIEVA, GETA AND KIPRA DOBREVA
EPA
LR(B) BULGARIAN 08/03/75 PGS 3 ID# 02924A
ALSO PMB
*WATER

GERMANY,FED REP OF "JANUARY 15, 1975 THIRD REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON THE SULFUR CONTENT OF LIGHT HEATING OIL AND DIESEL FUEL)." BUNDESGESETZBLATT I
EPA
LR(A) GERMAN 01/22/75 PGS 264-266 ID# 02033K

THIS REGULATION, ISSUED PURSUANT TO THE MARCH 15, 1974 FEDERAL IMMISSIONS LAW, LIMITS THE PERMISSIBLE SULFUR CONTENT BY WEIGHT OF LIGHT HEATING OIL AND OF DIESEL FUEL AS FOLLOWS: FROM MAY 1, 1975 TO 0.55 PERCENT; FROM MAY 1, 1976 TO 0.50 PERCENT; AND FROM JANUARY 1, 1979 TO 0.30 PERCENT. THE RESPONSIBLE AUTHORITIES MAY GRANT EXEMPTION FROM THESE MAXIMUMS UNDER TWO STIPULATED CIRCUMSTANCES FOR LIMITED PERIODS OF TIME. THOSE WHO PRODUCE, PROCESS, IMPORT OR DISTRIBUTE THESE PRODUCTS MUST KEEP RECORDS INDICATING THE SUPPLIER. AT THE REQUEST OF THE AUTHORITIES, THEY MUST PROVIDE A DECLARATION AS TO THE COMPOSITION OF THE HEATING OIL OR DIESEL FUEL ACCORDING TO THE MODEL APPENDED TO THE REGULATION. IMPORTERS MUST ALSO PROVIDE CUSTOMS OFFICIALS WITH SUCH A DECLARATION FROM THE PRODUCER OR PROCESSER, WHICH MUST ACCOMPANY THE SHIPMENT TO ITS FIRST DESTINATION. THE AUTHORITIES AT THE FIRST DESTINATION MUST BE NOTIFIED WELL IN ADVANCE OF THE SHIPMENT'S ARRIVAL.

AIR

GERMANY,FED REP OF "FEBRUARY 14, 1975 FOURTH REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON FACILITIES REQUIRING PERMITS)." BUNDESGESETZBLATT I

EPA

LR(A) GERMAN 02/19/75 PGS 499-503 ID# 02033L
NOISE

THIS REGULATION LISTS FACILITIES WHICH REQUIRE PERMITS TO BEGIN OR CONTINUE OPERATION UNDER THE MARCH 15, 1974 FEDERAL IMMISSIONS LAW. FACILITIES FALL INTO TWO CATEGORIES, THOSE WHICH REQUIRE MORE FORMAL PERMIT PROCEDURES IN CONFORMANCE WITH SECTIONS 8-15 OF THE FEDERAL IMMISSIONS LAW AND THOSE FOR WHICH SIMPLIFIED PERMIT PROCEDURES UNDER SECTION 19 OF THE SAME LAW SUFFICE. THE 58 CATEGORIES OF FACILITIES IN THE FIRST GROUP INCLUDE, FOR EXAMPLE, CERTAIN FURNACES AND INCINERATORS, SOME STONE AND MINERAL CRUSHING OR PROCESSING PLANTS, IRON AND NON-FERROUS METAL PROCESSING FACILITIES, FOUNDRIES, SPECIFIED CHEMICAL PLANTS, INSTALLATIONS PROCESSING PETROLEUM OR COAL, AND FOWL AND PIG BREEDING AREAS. THE 40 TYPES OF INSTALLATIONS SPECIFIED IN THE SECOND GROUP INCLUDE SMALLER FURNACES AND INCINERATORS; FACILITIES FOR COOKING, ROASTING OR STEAMING POTATOES, VEGETABLES, MEAT OR FISH; BREWERIES; AUTOMATIC CAR-WASHES; FACTORIES PRODUCING MEDICINES; AND PRIVATE SHOOTING GROUNDS.

GERMANY,FED REP OF "FEBRUARY 14, 1975 FIFTH REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON IMMISSIONS CONTROL OFFICERS)." BUNDESGESETZBLATT I

EPA

LR(A) GERMAN 02/19/75 PGS 504-506 ID# 02033M
NOISE

THIS REGULATION LISTS TYPES OF FACILITIES WHICH MUST EMPLOY IMMISSIONS CONTROL OFFICERS IN CONFORMANCE WITH PROVISIONS OF THE MARCH 15, 1975 FEDERAL IMMISSIONS LAW. THE 23 CATEGORIES OF FACILITIES LISTED INCLUDE CERTAIN FURNACES AND INCINERATORS; CEMENT FACTORIES; SOME CRUDE IRON AND CRUDE NON-FERROUS METAL PROCESSING FACILITIES; MINERAL ROASTING, SMELTING OR SINTERING PLANTS; IRON AND STEEL FOUNDRIES; ASBESTOS PLANTS; CHEMICAL PLANTS; OIL DISTILLERIES AND REFINERIES; COAL PROCESSING INSTALLATIONS; AND ANIMAL RESIDUE REMOVAL PLANTS. LOCAL AUTHORITIES MAY REQUIRE A FACILITY TO EMPLOY MORE THAN ONE IMMISSIONS CONTROL OFFICER TO ADEQUATELY MEET CONDITIONS OF THE LAW. ON THE OTHER HAND, AUTHORITIES MAY AUTHORIZE, UPON APPLICATION BY A FIRM, THE USE OF ONE SUCH OFFICER FOR SEVERAL PLANTS UNDER THE SAME OWNERSHIP OR WITHIN A TRUST OR COMBINE SITUATION, OR THE USE OF A NON-EMPLOYEE IF IT IS PROVEN THAT REQUIREMENTS OF THE LAW CAN BE SO SATISFIED. THE REGULATION ENTERS INTO FORCE SIX MONTHS AFTER PROMULGATION.

AIR

GERMANY,FED REP OF "AUTOMATIC MULTIPLE COMPONENT AIR POLLUTION MONITORING NETWORK FOR BADEN-WUERTTEMBERG." CHEMIKER ZEITUNG, REPRINT NO. 98 (1974)
OBLAENDER, WERNER, AND WOLFRAM MORGENSTERN EPA
PM(B) GERMAN 00/00/74 PGS 1-6 ID# 02894A
ALSO ST

THIS ARTICLE DESCRIBES AN AUTOMATED AIR POLLUTION MONITORING NETWORK PLANNED BY THE FEDERAL STATE OF BADEN-WUERTTEMBERG. THE SYSTEM WILL CONSIST OF 14 MEASURING STATIONS TO BE PUT INTO OPERATION IN THE PERIOD 1974-1976. THE STATIONS WILL BE CONTROLLED BY A CENTRAL COMPUTER. INFORMATION FROM THE MEASURING STATIONS WILL BE RECEIVED AND PROCESSED INITIALLY BY REGIONAL SUBSTATION COMPUTERS AND THEN RELAYED OVER TELEPHONE WIRES TO THE CENTRAL COMPUTER FOR EVALUATION AND STORAGE. IN CASE OF EMERGENCY, THE SUBSTATION COMPUTERS WILL AUTOMATICALLY ALERT THE CENTRAL ONE. POLLUTANTS TO BE MEASURED INCLUDE: DUST, SULFUR DIOXIDE, NITROGEN OXIDES, HYDROCARBONS, OZONE, CARBON MONOXIDE AND CARBON DIOXIDE. ACCORDING TO THE ARTICLE RECENT FEDERAL LEGISLATION, SUCH AS THE APRIL 1, 1974 FEDERAL IMMISSIONS LAW, MAKES GREATER AUTOMATION OF AIR POLLUTION MONITORING NECESSARY. THE ARTICLE CONTAINS BRIEF GERMAN AND ENGLISH SUMMARIES.

GREAT BRITAIN "LONDON MAKES ITS OWN AIR STANDARDS." NEW SCIENTIST
EPA
PM(B) ENGLISH 07/17/75 PGS 154 ID# 02935A
ALSO LRB

THIS ARTICLE REPORTS THAT BECAUSE OF THE FAILURE OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT TO SET STANDARDS FOR CONTROLLING AIR POLLUTION, THE GREATER LONDON COUNCIL (GLC) HAS BEGUN MOVING TOWARDS ESTABLISHING ITS OWN STANDARDS FOR THE LONDON AREA. FOR THE PRESENT, THE GLC HAS SIMPLY GIVEN OFFICIAL STATUS TO GUIDELINES ALREADY BEING EMPLOYED FOR PLANNING PURPOSES, BUT IT HAS MADE IT CLEAR THAT IF THE DEPARTMENT OF THE ENVIRONMENT CONTINUES TO DELAY IN ISSUING ENFORCEABLE STANDARDS, IT WILL INSTITUTE ITS OWN STRATEGY FOR CONTROLLING AIR POLLUTION, INCLUDING SEPARATE LONDON STANDARDS. THE STRATEGY PRESENTLY FORSEEN WOULD INVOLVE: THE DEVELOPMENT OF POLLUTION MODELS FOR THE LONDON AIRSHED AND THE USE OF THESE TO DETERMINE PLANNING STRATEGIES; THE TRANSFER OF THE RESPONSIBILITY FOR INDUSTRIAL AIR POLLUTION FROM THE ALKALI INSPECTORATE TO LOCAL AUTHORITIES; THE INTRODUCTION OF ENFORCEABLE STANDARDS; EXTENSIVE AIR POLLUTION MONITORING (PRESENTLY ONLY SO2 AND SMOKE ARE MONITORED); AND ENVIRONMENTAL IMPACT ASSESSMENTS.

AIR

HUNGARY "THE FIGHT FOR CLEAN AIR." TRYBUNA LUDU
LAKOMSKI, ZBIGNIEW
EPA
PM(B) POLISH 07/29/75 PGS 5 ID# 02951A

THIS ARTICLE DISCUSSES AIR POLLUTION CONTROL IN HUNGARY. THE COUNCIL OF MINISTERS HAS ORDERED A CLASSIFICATION OF THE WHOLE COUNTRY ACCORDING TO THE AMOUNTS OF AIR POLLUTION IN EACH AREA. AS BUDAPEST WAS FOUND TO HAVE THE HIGHEST LEVEL OF AIR POLLUTION, SPECIAL PROTECTION ZONES WERE DELINEATED IN THAT CITY, IN WHICH THE USE OF SEVERAL FUELS IS PROHIBITED AND TRAFFIC IS LIMITED. THE OPERATION OF ESTABLISHMENTS WHICH WOULD FURTHER AGGRAVATE AIR POLLUTION IS ALSO PROHIBITED. AT PRESENT, AIR POLLUTION LEVELS IN HUNGARY ARE CONSIDERABLY HIGHER THAN STANDARDS PERMIT. AS OF JANUARY 1, 1975, THE ENFORCEMENT OF AIR POLLUTION CONTROL REGULATIONS HAS BEEN INTENSIFIED, WITH FINES AND OTHER PENALTIES BEING IMPOSED ON VIOLATORS.

JAPAN "TOUGHER SULFUR OXIDES CONTROLS ENFORCED." JAPAN ENVIRONMENT SUMMARY, VOL. 3, NO. 5
JAPAN. ENVIRONMENT AGENCY
EPA
LR(B) ENGLISH 05/10/75 PGS 4 ID# 02895A

THIS ARTICLE REPORTS STRICTER SULFUR OXIDE EMISSION STANDARDS PUT INTO EFFECT IN JAPAN ON APRIL 15 IN ORDER TO MEET THE SULFUR OXIDE ENVIRONMENTAL QUALITY STANDARD BY THE END OF FISCAL 1977. (THE STANDARD PRESCRIBES THAT THE DAILY AVERAGE OF HOURLY VALUES OF SULFUR DIOXIDE IS TO BE UNDER 0.04 PPM AND MAXIMUM HOURLY VALUES ARE NOT TO EXCEED 0.1 PPM.) SULFUR OXIDE EMISSION STANDARDS ARE EXPRESSED BY THE EQUATION Q = K X 10-3 HE2, IN WHICH Q IS THE AMOUNT OF SULFUR OXIDES EMITTED PER HOUR BY A SMOKE-DISCHARGING FACILITY, AND HE IS THE HEIGHT OF THE SMOKESTACK PLUS THE ALTITUDE TO WHICH SMOKE RISES. DIFFERENT VALUES OF K ARE ASSIGNED TO DIFFERENT AREAS, WITH A LOWERING OF THE K VALUE INDICATING A STRICTER STANDARD. UNDER THE NEW STANDARDS, ALL K VALUES HAVE BEEN LOWERED. ADDITIONAL TIGHTENING OF THESE STANDARDS IS PLANNED IN FISCAL 1976 AND 1977.

JAPAN ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP.
EPA
LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
*GENERAL WATER PESTICIDES SOLID WASTE NOISE

AIR

JAPAN "OCTOBER 5, 1973 LAW NO. 111: POLLUTION-RELATED HEALTH DAMAGE COMPENSATION LAW." ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP. EPA
LR(A) ENGLISH 00/00/74 PGS 12-53 ID# 02955A
WATER

THIS LAW OBLIGATES POLLUTING ESTABLISHMENTS IN JAPAN TO COMPENSATE FOR HEALTH DAMAGE DUE TO MARKED AIR OR WATER POLLUTION RESULTING FROM THEIR OPERATIONS. THE LAW PROVIDES THE FOLLOWING BENEFITS FOR POLLUTION VICTIMS IN AREAS DESIGNATED BY CABINET ORDER WHERE AIR OR WATER POLLUTION CAUSES ILLNESS OR DEATH: 1) MEDICAL CARE BENEFITS AND MEDICAL CARE EXPENSES; 2) COMPENSATION FOR HANDICAPS; 3) COMPENSATION FOR SURVIVORS; 4) LUMP COMPENSATION PAYMENTS FOR SURVIVORS; 5) CHILD COMPENSATION ALLOWANCES; 6) MEDICAL CARE ALLOWANCES; AND 7) FUNERAL EXPENSES. THE FUNDS FOR THESE PAYMENTS ARE COLLECTED FROM POLLUTING ENTERPRISES BY THE POLLUTION-RELATED HEALTH DAMAGE COMPENSATION ASSOCIATION, WHICH IN TURN DISBURSES THE FUNDS TO PREFECTURAL OR MUNICIPAL GOVERNMENTS FOR PAYMENT TO VICTIMS. THE LAW FURTHER PROVIDES FOR POLLUTION-RELATED HEALTH WELFARE PROGRAMS, SUBSIDIZED BY POLLUTING ENTERPRISES, WHICH WOULD INCLUDE REHABILITATION PROGRAMS FOR POLLUTION VICTIMS AND HEALTH DAMAGE PREVENTION PROGRAMS.

JAPAN "1973 AIR POLLUTION DATA GAINED BY MONITORING STATIONS." JAPAN ENVIRONMENT SUMMARY, VOL. 3, NO. 5
JAPAN. ENVIRONMENT AGENCY EPA
PM(B) ENGLISH 05/10/75 PGS 4-5 ID# 02896A

THIS ARTICLE PROVIDES A SUMMARY OF RESULTS OF AIR POLLUTION MONITORING IN JAPAN IN FISCAL 1973, COMPILED FROM PERMANENT MONITORING STATIONS PLACED IN PREFECTURES THROUGHOUT THE COUNTRY. TABLE 1 ILLUSTRATES THE NUMBER OF MONITORING STATIONS WHERE AMBIENT AIR QUALITY STANDARDS FOR SULFUR DIOXIDE WERE FULFILLED AND TABLE 2 SHOWS CHANGES IN SULFUR DIOXIDE CONCENTRATIONS FROM FISCAL 1972 TO 1973. THE ANNUAL MEAN CONCENTRATIONS OF NITRIC OXIDE IN FISCAL YEARS 1971-1973 IS GIVEN IN TABLE 3, AND A GRAPH ILLUSTRATES NITROGEN DIOXIDE LEVELS FROM FISCAL YEAR 1970 TO 1973. TABLES 4, 5 AND 6 PROVIDE DATA ON YEARLY CONCENTRATION TRENDS OF OXIDANTS, CARBON MONOXIDE AND HYDROCARBONS IN TOKYO AND OSAKA FROM FISCAL YEAR 1968 TO 1973. (MEASUREMENTS DO NOT INCLUDE POLLUTION FROM AUTOMOBILE EXHAUST GASES.)

MEXICO "MEASURES AGAINST WATER POLLUTION BY INDUSTRIAL WASTES." EL NACIONAL
EPA
LR(B) SPANISH 05/16/75 PGS 4 ID# 01650D
ALSO PMB

PURSUANT TO THE MEXICAN REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION, THIS ARTICLE REPORTS ON THE JUNE 1975 DEADLINE BY WHICH MEXICAN INDUSTRIALISTS AND OTHER POLLUTERS MUST PRESENT TO THE SECRETARIAT FOR WATER RESOURCES A PRELIMINARY ENGINEERING REPORT DESCRIBING THEIR PROGRESS IN INSTALLING ANTI-POLLUTION SYSTEMS. THE REPORTING REPRESENTS THE SECOND STAGE OF THE NATIONAL PLAN TO CONTROL WATER POLLUTION FROM SOURCES WHOSE DISCHARGES HAVE NOT MET THE ACCEPTABLE POLLUTION STANDARDS PRESCRIBED IN ARTICLE 13 OF THE REGULATIONS. THE FIRST STAGE OF THE PLAN, CONSISTING OF REGISTERING INDUSTRIAL WASTE DISCHARGE SOURCES IN THE COUNTRY, WAS COMPLETED IN AUGUST 1974. EACH SECOND STAGE REPORT MUST CONTAIN THE FOLLOWING INFORMATION: NECESSARY ANTI-POLLUTION MEASURES TO BE PUT INTO EFFECT; ANTI-POLLUTION EQUIPMENT TO BE USED; METHODS OF MEASURING AND SAMPLING POLLUTION; AND THE ESTIMATED DATE BY WHICH POLLUTION CONTENT OF WASTE DISCHARGES WILL CONFORM TO ACCEPTABLE STANDARDS.

AIR

MEXICO "A SMALL PORTION OF LARGE INDUSTRY UNWILLING TO FIGHT AGAINST POLLUTION."
EL NACIONAL

EPA
LR(B) SPANISH 06/25/75 PGS 11 ID# 02904A
ALSO PMB AND SE

THIS ARTICLE CITES SOME OF THE STATISTICS ON AIR POLLUTION CONTROL IN MEXICO GIVEN BY THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT. THE SUBSECRETARIAT IS CURRENTLY DEVELOPING A PROGRAM TO CONTROL 100,000 FIRMS IN MEXICO, REPRESENTING 67 PERCENT OF MEXICAN INDUSTRY. OF THE 52,000 LARGE PLANTS, ONLY TEN PERCENT HAVE SHOWN AN UNWILLINGNESS TO OBEY FEDERAL AIR POLLUTION REGULATIONS. THERE ARE NOW ONLY 60 INDUSTRIAL SMOKE STACKS SERIOUSLY POLLUTING THE AIR IN MEXICO CITY AS COMPARED TO 22,000 IN 1972. IN ALL 1,075 FINES, AMOUNTING TO FIVE MILLION PESOS, HAVE BEEN ISSUED AGAINST POLLUTING INDUSTRIES. PROCEEDS FROM THESE FINES ARE TO BE GIVEN TO CHILDHOOD PROTECTION ASSOCIATIONS. INDUSTRIAL INVESTMENT IN ANTIPOLLUTION TECHNOLOGY HAS NOW REACHED APPROXIMATELY 500 MILLION PESOS. THE ARTICLE ALSO MENTIONS THE METHODS OF REGULATION ENFORCEMENT USED BY THE SUBSECRETARIAT AND CITES ACTIONS TAKEN BY FEDERAL AND METROPOLITAN GOVERNMENTS TO REDUCE AUTOMOBILE POLLUTION.

MEXICO "DIAGNOSTIC STATION FOR CONTROLLING AIR POLLUTION WILL SOON BEGIN OPERATION."
EL NACIONAL

EPA
PM(B) SPANISH 05/19/75 PGS 10 ID# 02892A
ALSO SE

THIS ARTICLE REPORTS ON THE ESTABLISHMENT OF A DIAGNOSTIC STATION IN MEXICO CITY TO MONITOR AND CONTROL EXCESSIVE AUTOMOBILE POLLUTION AND CITES URBAN DEVELOPMENT PLANS FOR POSSIBLY LIMITING MOTOR VEHICLE TRAFFIC, TAKING INTO CONSIDERATION THE LEGAL AND ECONOMIC ASPECTS OF VEHICLE OPERATION IN THE CITY. SUBSTANTIAL REDUCTION OF AUTOMOBILE TRAFFIC WOULD REQUIRE A REVIEW AND MODIFICATION OF THE CONSTITUTION. MEANWHILE, LITTLE CAN BE DONE WHICH IS ECONOMICALLY OR LEGALLY FEASIBLE FOR REDUCING THE HUGE VOLUME OF URBAN TRAFFIC. HOWEVER, IN ORDER TO ALLEVIATE THE SITUATION AS MUCH AS POSSIBLE, EXCESSIVELY POLLUTING VEHICLES HAVE, IN MANY CASES, BEEN ORDERED OFF THE STREETS, AND NEW TRAFFIC ROUTING PLANS HAVE BEEN PROPOSED.

YUGOSLAVIA "THE ENVIRONMENT CLAIMS ITS OWN." RUDE PRAVO
HROBAR, JAN

EPA
PM(A) CZECH 07/19/75 PGS 6 ID# 02949A
ALSO LRB
*GENERAL WATER

GENERAL

AUSTRIA

BEITRAEGE ZUM UMWELTSCHUTZ 1972-74 (CONTRIBUTIONS TO ENVIRONMENTAL PROTECTION 1972-74)
AUSTRIA. MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA
PM(B) GERMAN 00/00/74 PGS 1-359 ID# 02930A
ALSO SE
SOLID WASTE TOXIC SUBS RADIOACTIVE LAND USE

THIS BOOK PRESENTS A SURVEY OF THE PRACTICAL RESEARCH PROGRAM DEVELOPED IN 1972-1973 BY THE AUSTRIAN FEDERAL MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION AND AN OUTLINE OF THE POLLUTION MEASURING PROGRAM CONDUCTED BY THE AUSTRIAN PROVINCES WITH THE AID OF THE MINISTRY. NINE INDIVIDUALLY AUTHORED PAPERS DISCUSS PROJECTS CARRIED OUT UNDER CONTRACT TO THE MINISTRY. SUBJECTS INCLUDE: THE USE OF AERIAL SURVEY AND PHOTOGRAPHIC DEVICES IN THE SERVICE OF ENVIRONMENTAL PROTECTION; THE PLACE OF LAW AND LEGAL ADMINISTRATORS IN ENVIRONMENTAL PROTECTION; LAND USE PLANNING; POLLUTION OF FOODSTUFFS BY LEAD AND CADMIUM; PROBLEMS OF SOLID WASTE REMOVAL; A SMOKELESS, SELF-FEEDING INCINERATOR (SYSTEM STEFAN HAHN); SAFETY MEASURES IN THE EVENT OF RADIOACTIVE CONTAMINATION OF THE ATMOSPHERE; AND THE ENVIRONMENT AND THE ECONOMY IN AUSTRIA. THE SECTION ON THE JOINT FEDERAL-PROVINCIAL POLLUTION MEASURING SYSTEM DISCUSSES EQUIPMENT AND DATA RELATIVE TO AIR, NOISE, WATER, WASTE AND RADIOACTIVITY.

BRAZIL

"RADAM WILL RESEARCH POLLUTED AREAS." O GLOBO
EPA
PM(B) PORTUGUESE 06/25/75 PGS 2 ID# 02945A
*WATER

BRAZIL

"LEGISLATOR PROPOSES MINISTRY FOR URBAN AREAS AND ECOLOGY." O GLOBO
EPA
PM(A) PORTUGUESE 06/09/75 PGS 6 ID# 02946A
ALSO SE

THIS ARTICLE REPORTS ON A PROPOSAL IN THE BRAZILIAN CHAMBER OF DEPUTIES TO CONFRONT AND RESOLVE THE SERIOUS PROBLEMS RESULTING FROM URBANIZATION AND ECOLOGICAL DETERIORATION THROUGH THE CREATION OF A MINISTRY OF URBAN DEVELOPMENT AND ENVIRONMENT. THIS STEP IS SEEN TO BE NECESSARY BECAUSE OF THE INABILITY OF PRESENT GOVERNMENT ORGANIZATIONS TO DEAL WITH SUCH PROBLEMS AS HOUSING SHORTAGES, LACK OF BASIC SANITATION FACILITIES, IRRATIONAL USE OF RESOURCES, RAMPANT DEFORESTATION AND CONTINUED ENVIRONMENTAL DETERIORATION IN THE COUNTRY. THE PROPOSED MINISTRY, TO BE CREATED BY A UNIFICATION OF THE NATIONAL HOUSING BANK, THE BRAZILIAN FOREST PROTECTION INSTITUTE, THE NATIONAL DEPARTMENT OF SANITATION WORKS AND THE SPECIAL SECRETARIAT OF THE ENVIRONMENT, WOULD EMPHASIZE A SOCIAL RATHER THAN FINANCIAL OR ADMINISTRATIVE APPROACH TO ENVIRONMENTAL PROBLEMS.

GENERAL

BRAZIL "GOVERNMENT OPPOSES CREATION OF ENVIRONMENT MINISTRY." O GLOBO
EPA
PM(A) PORTUGUESE 06/11/75 PGS 7 ID# 02946B

THIS ARTICLE DEALS WITH THE BRAZILIAN GOVERNMENT'S OPPOSITION TO THE CREATION OF AN EXECUTIVE ENVIRONMENT MINISTRY AS ADVOCATED IN A PARLIAMENTARY PROPOSAL. THE MINISTER OF INTERIOR, VOICING THE REASONING OF THE FEDERAL GOVERNMENT, HAS STATED THAT THE CREATION OF AN ENVIRONMENT MINISTRY IS NOT IN KEEPING WITH THE NATION'S POLICY OF DECENTRALIZED DEVELOPMENT. THE MINISTER FURTHER ARGUED THAT ONCE APPROPRIATE ANTIPOLLUTION MEASURES SUCH AS THE POLLUTION CONTROL LAW ARE ENACTED, THE EXISTING STRUCTURE OF FEDERAL ENVIRONMENTAL AGENCIES WILL PROVIDE ADEQUATE SUPERVISION OF STATE ENVIRONMENTAL PROTECTION ACTIVITIES. THE FORTHCOMING POLLUTION CONTROL LAW WILL MAKE THE STATE GOVERNMENTS DIRECTLY RESPONSIBLE FOR POLLUTION CONTROL, THE FEDERAL GOVERNMENT BEING EMPOWERED TO INTERVENE UPON THE REQUEST OF STATE GOVERNMENTS OR IN THE CASE OF INADEQUATE STATE GOVERNMENT PROGRESS IN FIGHTING POLLUTION.

CHILE "FIRST ECOLOGICAL INSTITUTE IN CHILE IS ESTABLISHED." EL MERCURIO
EPA
PM(A) SPANISH 04/03/75 PGS 6 ID# 02891A

THIS ARTICLE REPORTS THAT THE FIRST ECOLOGICAL INSTITUTE IN CHILE, FOUNDED BY PRIVATE CITIZENS IN JULY 1974, HAS BEEN GIVEN OFFICIAL LEGAL STATUS BY GOVERNMENT DECREE. THE INSTITUTE WAS ESTABLISHED TO CREATE AN ECOLOGICAL CONSCIOUSNESS IN THE POPULATION OF CHILE TO HELP FIGHT THE PROBLEMS OF POLLUTION AND ENVIRONMENTAL DETERIORATION. ADVOCATING A BALANCE BETWEEN ECOLOGICAL PROTECTION AND TECHNOLOGICAL DEVELOPMENT, THE INSTITUTE WILL ACT AS A COORDINATING AND ADVISORY AGENCY TO PUBLIC, PRIVATE AND INTERNATIONAL ORGANIZATIONS IN ENVIRONMENTAL MATTERS. IT WILL ALSO SPONSOR CONFERENCES, PUBLISH ENVIRONMENTAL WORKS, AND DEVELOP PUBLIC CAMPAIGNS FOR ENVIRONMENTAL PROTECTION. THE INSTITUTE IS EXPECTED TO RECEIVE GOVERNMENT AND INTERNATIONAL FINANCIAL ASSISTANCE IN CARRYING OUT ITS FUNCTIONS.

ECUADOR "HEALTH MINISTER INSTALLS UNDER SECRETARY FOR ENVIRONMENTAL CONTROL."
TRANSLATIONS ON ENVIRONMENTAL QUALITY, NO. 84
U.S. JOINT PUBLICATIONS RESEARCH SERVICE EPA
PM(A) ENGLISH 06/09/75 PGS 6-7 ID# 02931A
ALSO SE

THIS ARTICLE, WHICH ORIGINALLY APPEARED IN THE ECUADOREAN NEWSPAPER "EL COMERCIO," ON APRIL 18, 1975, REPORTS THE APPOINTMENT OF AN UNDER SECRETARY FOR ENVIRONMENTAL CONTROL AND SANITATION, UNDER THE ECUADOREAN MINISTRY OF HEALTH. THE POSITION OF UNDER SECRETARY IS CLOSELY ASSOCIATED WITH THE ECUADOREAN INSTITUTE OF SANITATION, THE UNDER SECRETARY ALSO BEING THE DIRECTOR OF THE INSTITUTE. THE CREATION OF THIS POSITION IS SEEN TO INDICATE INCREASING PREOCCUPATION WITH PREVIOUSLY NEGLECTED NATIONAL HEALTH PROBLEMS. ONE OF THE MAJOR PUBLIC HEALTH GOALS OF THE GOVERNMENT IS TO STEM MIGRATION FROM RURAL TO URBAN AREAS BY MAKING PUBLIC HEALTH SERVICES AVAILABLE TO THOSE WHO LIVE AWAY FROM THE LARGE CITIES.

GENERAL

FRANCE "THE CASE AGAINST THE BUGEY-MALVILLE NUCLEAR PLANT." LE FIGARO
LERIDON, YVES EPA
LR(B) FRENCH 06/02/75 PGS 11 ID# 02937A

THIS ARTICLE DISCUSSES THE LEGAL PROCEEDINGS INITIATED AGAINST AN EDF (ELECTRICITE DE FRANCE) NUCLEAR CONSTRUCTION PROJECT BY THE RHONE-ALPS ECOLOGICAL MOVEMENT AND THE ASSOCIATION FOR THE DEFENSE OF THE BUGEY-MALVILLE SITE. THE TWO PLANTIFFS IN THE CASE CLAIMED THAT THE CONSTRUCTION OF THE NUCLEAR PLANT CONSTITUTED A VIOLATION OF THEIR RIGHT TO "THE QUALITY OF LIFE." THE TRIBUNAL OF ARBITRATORS, HOWEVER, RULED THAT IT WAS NOT QUALIFIED TO ISSUE A STOP WORK ORDER. PRELIMINARY WORK, NOT CONSIDERED BY THE TRIBUNAL TO REPRESENT AN INTEGRAL PART OF THE NUCLEAR INSTALLATION, WAS ALLOWED TO PROCEED, SINCE ACTUAL CONSTRUCTION OF THE PLANT WAS CONTINGENT ON THE GRANTING OF A GOVERNMENT AUTHORIZATION. THE ECOLOGISTS ATTEMPTING TO INTRODUCE "THE QUALITY OF LIFE" AS A LEGAL PRINCIPLE SUFFERED AN INITIAL SETBACK BUT PLAN TO CONTINUE THEIR OPPOSITION TO THE INSTALLATION.

FRANCE "ORGANIZATION OF SCIENTIFIC AND TECHNICAL RESEARCH FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT WITHIN THE MINISTRY FOR THE QUALITY OF LIFE." JOURNAL OFFICIEL
EPA
LR(A) FRENCH 02/27/75 PGS 2293 ID# 02938A

THIS DECREE CREATES, WITHIN THE MINISTRY FOR THE QUALITY OF LIFE, THE COUNCIL OF SCIENTIFIC AND TECHNICAL RESEARCH FOR THE PROTECTION OF NATURE AND THE ENVIRONMENT. THE COUNCIL, JOINTLY WITH OTHER CONCERNED SERVICES WITHIN THE MINISTRY, IS RESPONSIBLE FOR ADVISING THE MINISTER ON THE DESIRABILITY OF THE MINISTRY'S UNDERTAKING PROPOSED RESEARCH ACTIVITIES, AS WELL AS FOR PREPARING MEMORANDUM OPINIONS CONCERNING THOSE RESEARCH PROGRAMS INITIATED BY THE MINISTRY. THE COUNCIL IS ALSO RESPONSIBLE FOR ADVISING THE MINISTER ON BUDGETARY MATTERS PERTAINING TO RESEARCH. A FINAL SECTION OF THE DECREE DESIGNATES THE COUNCIL'S MEMBERSHIP AND LENGTH OF THE APPOINTMENTS.

FRANCE "REGULATIONS AND JUDICIAL DETERMINATIONS DURING A ONE YEAR PERIOD."
NUISANCES ET ENVIRONNEMENT, NO. 42
CATHALA, R., AND OTHERS EPA
LR(B) FRENCH 07/00/75 PGS 33-35 ID# 02947A

THIS ARTICLE ANALYZES FRENCH ENVIRONMENTAL LEGISLATION AND JUDICIAL DETERMINATIONS BETWEEN JUNE 1974 AND JUNE 1975. THE AUTHORS NOTE TWO MAJOR MOTIVATIONS BEHIND GOVERNMENT REGULATORY ACTIVITIES: THE ENERGY CRISIS, WHICH HAS INSPIRED REGULATIONS DEALING WITH RECOVERY OF MATERIALS AND THE CONTROL OF NUCLEAR POWER AS AN ALTERNATE SOURCE OF ENERGY, AND MORE PURELY ECOLOGICAL CONCERNS. CITED AND DISCUSSED ARE: 1) THE 1974 RECTIFYING FINANCE LAW, WHICH MODIFIED THE 1964 WATER LAW AND INTRODUCED PARLIAMENTARY CONTROL OVER BASIN FINANCE AGENCIES; 2) DECREE #74-1003, WHICH CREATED AN INDEPENDENT ENERGY MANAGEMENT AGENCY FOR THE DEVELOPMENT OF MORE EFFICIENT ENERGY CONSUMPTION; 3) THE AUGUST ORDER ON THE RECOVERY OF WASTE-OILS FROM SHIPS; 4) TWO DECREES WHICH REGULATE THE DISCHARGE OF RADIOACTIVE EFFLUENTS AND ESTABLISH A SYSTEM OF OFFICIAL AUTHORIZATION. THE CONCLUDING SURVEY OF FRENCH LEGAL DECISIONS DISCLOSES AN EVOLVING REFINEMENT OF BASIC ENVIRONMENTAL CONCEPTS.

GENERAL

FRANCE
"THE SETBACKS OF MR. JARROT." LE MONDE
AMBROISE-RENDU, MARC
EPA
PM(B) FRENCH 06/29/75 PGS 17 ID# 02901A

THIS ARTICLE REVIEWS THE ACCOMPLISHMENTS OF MR. JARROT SINCE HIS MAY 29, 1974 APPOINTMENT AS FRENCH MINISTER FOR THE QUALITY OF LIFE. OF SIX DRAFT LAWS PRESENTED BY MR. JARROT SINCE HIS APPOINTMENT, ONLY THREE HAVE RECEIVED PARLIAMENTARY APPROVAL. THESE PARTICULAR LAWS CONCERN HUNTING LICENSES, AN UPDATING OF THE 1917 CLASSIFIED INSTALLATIONS LAW, AND THE DISPOSAL AND RECLAMATION OF WASTES. ENACTMENT OF THE REMAINING THREE BILLS, INCLUDING THE LAW ON THE PROTECTION OF NATURE, HAS BEEN POSTPONED, AND OTHER PROJECTS INITIATED BY THE MINISTER HAVE NOT BEEN FOLLOWED UP. THE APPARENT LACK OF INTEREST IN SUCH ENVIRONMENTAL ACTIVITIES INDUCES THE AUTHOR TO QUESTION THE EFFECTIVENESS OF THE MINISTRY.

GERMAN DEM REP
"ENVIRONMENTAL PROTECTION - PLANNED FROM THE FACTORY TO THE MINISTRY." DIE WIRTSCHAFT
ASPERGER, KLAUS, AND HEIDE KNEISSL
EPA
PM(B) GERMAN 05/28/75 PGS 14 ID# 02944A

THIS ARTICLE DESCRIBES THE SUCCESS OF THE CHEMICAL INDUSTRY IN THE GERMAN DEMOCRATIC REPUBLIC (GDR) IN INCORPORATING ENVIRONMENTAL PROTECTION INTO ITS ECONOMIC PLAN AND DESCRIBES HOW THE PLANS ARE DEVELOPED. ENVIRONMENTAL GOALS WERE FIRST INCLUDED IN ECONOMIC PLANNING IN 1973. PLANS FOR 1976-1980 WILL BE DEVELOPED IN ACCORDANCE WITH THE "DEC. 15, 1974 ORDINANCE ON ECONOMIC PLANNING IN THE GDR" AND THE "JAN. 13, 1975 GUIDELINES FOR PLANNING IN FACTORIES AND COMBINES IN INDUSTRY AND CONSTRUCTION." CHEMICAL INDUSTRY GOALS IN ENVIRONMENTAL PLANNING WILL BE IN THE AREAS OF AIR AND WATER PURITY, NOISE REDUCTION, RECLAMATION AND SAFE DISPOSAL OF WASTES, AND REPLACEMENT OF POTENTIALLY TOXIC SUBSTANCES. PLANS ORIGINATE IN THE INDIVIDUAL PLANTS IN CLOSE COOPERATION WITH LOCAL OFFICIAL ORGANS, ARE APPROVED BY THE FACTORY LEADERSHIP, AND EXAMINED AT SUCCESSIVE LEVELS OF GOVERNMENT THROUGH THE MINISTRY FOR THE CHEMICAL INDUSTRY. THE ENVIRONMENT SECTIONS OF THE PLAN GO TO THE MINISTRY FOR ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT AND THE PLANNING COMMISSION.

GERMANY,FED REP OF
"APRIL 12, 1975 SIXTH REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON THE...IMMISSIONS CONTROL OFFICER)." BUNDESGESETZBLATT I
EPA
LR(A) GERMAN 04/22/75 PGS 957-958 ID# 02033N

THIS "REGULATION ON THE TECHNICAL KNOWLEDGE AND RELAIBILITY OF THE IMMISSIONS CONTROL OFFICER," ISSUED PURSUANT TO THE MARCH 15, 1974 FEDERAL IMMISSIONS LAW DETAILS THE QUALIFICATIONS TO BE MET FOR THIS POSITION. THE POSITION REQUIRES A HIGHER EDUCATION DEGREE IN ENGINEERING, CHEMISTRY OR PHYSICS, PARTICULARLY IN THE FIELD OF ENVIRONMENTAL TECHNOLOGY, PLUS TWO YEARS OF PRACTICAL EXPERIENCE IN A RELEVANT FIELD. A TECHNICAL SCHOOL TRAINING OR MASTER PROFICIENCY IN A FIELD PLUS THREE OR FOUR YEARS PERTINENT EXPERIENCE MAY ALSO BE RECOGNIZED BY AUTHORITIES. TRAINING IN OTHER FIELDS MAY BE ACCEPTED IN CERTAIN CIRCUMSTANCES, AND SPECIALIZED TRAINING MAY BE SUBSTITUTED FOR PART OF THE EXPERIENCE REQUIREMENT. RELIABILITY IS DETERMINED ON THE BASIS OF A CANDIDATE'S PERSONAL CHARACTERISTICS, CONDUCT, AND JUDGED ABILITY TO SATISFACTORILY FULFILL THE DUTIES OF THE POSITION. IN GENERAL, A PERSON WHO HAS VIOLATED LISTED ENVIRONMENTAL OR GENERAL WELFARE LAWS OR VIOLATED A PAST PROFESSIONAL TRUST IS NOT CONSIDERED ACCEPTABLE.

GENERAL

GERMANY,FED REP OF

LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG. STAND: FEBRUAR 1975
(BADEN-WUERTTEMBERG. STATE OFFICE FOR ENVIRONMENTAL PROTECTION, STATUS: FEBRUARY 1975)
BADEN-WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION EPA

PM(A) GERMAN 02/00/75 PGS 1 ID# 02903A

THIS ORGANIZATIONAL CHART DETAILS THE STRUCTURE OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION IN THE FEDERAL STATE OF BADEN-WUERTTEMBERG AND LISTS HEADS OF SECTIONS AS OF FEBRUARY 1975. THE OFFICE COMPRISES THE FOLLOWING FIVE DIVISIONS: 1) CENTRAL DIVISION (WITH ADMINISTRATIVE, COORDINATING AND PUBLIC RELATIONS DUTIES); 2) INSTITUTE FOR ECOLOGY AND PROTECTION OF NATURE (LAND USE PLANNING, ECOLOGY, PROTECTION OF NATURE, RECREATION); 3) INSTITUTE FOR AIR QUALITY, INDUSTRIAL, AND RADIATION PROTECTION; 4) INSTITUTE FOR WATER AND SOLID WASTE MANAGEMENT; AND 5) INSTITUTE FOR LIMNOLOGICAL RESEARCH AND MANAGEMENT.

GREAT BRITAIN

"INEXPENSIVE PARTS OF POLLUTION ACT TO COME IN." TIMES (LONDON)
EPA

LR(B) ENGLISH 08/05/75 PGS 5 ID# 02482D

THIS ARTICLE REPRODUCES REMARKS PREPARED BY MR. DENIS HOWELL, MINISTER OF STATE FOR THE ENVIRONMENT, IN RESPONSE TO A PARLIAMENTARY INQUIRY REGARDING IMPLEMENTATION OF PROVISIONS OF THE 1974 PREVENTION OF POLLUTION ACT. ACCORDING TO MR. HOWELL "PROVISIONS WHICH INTRODUCE ONLY DISCRETIONARY POWERS OR WHICH DO NOT INVOLVE SIGNIFICANT PUBLIC EXPENDITURE WILL BE IMPLEMENTED AS SOON AS PRACTICABLE." THUS, SOME SECTIONS INVOLVING SOLID WASTE DISPOSAL, INCLUDING PROVISIONS COVERING SITE LICENSING; WATER POLLUTION PROVISIONS DEALING WITH THE RECLAMATION OF WASTE AND THE DISCHARGE OF TRADE EFFLUENTS; AND ALL PROVISIONS INVOLVING NOISE AND AIR POLLUTION ARE EXPECTED TO BE BROUGHT INTO FORCE "WITHIN THE NEXT FEW MONTHS." HOWEVER, SECTIONS CALLING FOR A SURVEY OF WASTE DISPOSAL FACILITIES AND THE ESTABLISHMENT OF A SOLID WASTE MANAGEMENT PLAN AS WELL AS MAJOR WATER POLLUTION PREVENTION PROVISIONS ARE BEING POSTPONED BECAUSE OF THE ADDITIONAL EXPENSE THEY WOULD INVOLVE FOR BOTH GOVERNMENT AND INDUSTRY.

JAPAN

ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP. EPA

LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
AIR WATER PESTICIDES SOLID WASTE NOISE

THIS BOOK PROVIDES A COMPILATION OF JAPAN'S MAJOR ENVIRONMENTAL LAWS. THE LAWS INCLUDED IN THE COLLECTION ARE: 1) BASIC LAW FOR ENVIRONMENTAL POLLUTION CONTROL; 2) LAW FOR PUNISHMENT OF CRIMES RELATING TO ENVIRONMENTAL POLLUTION WHICH ADVERSELY AFFECTS THE HEALTH OF PERSONS; 3) POLLUTION-RELATED HEALTH DAMAGE COMPENSATION LAW; 4) POLLUTION CONTROL PUBLIC WORKS COST ALLOCATION LAW; 5) AIR POLLUTION CONTROL LAW AND ITS ENFORCEMENT ORDINANCES; 6) WATER POLLUTION CONTROL LAW AND ITS IMPLEMENTING ORDERS; 7) MARINE POLLUTION PREVENTION LAW; 8) AGRICULTURAL LAND SOIL POLLUTION PREVENTION AND OTHERS LAW; 9) AGRICULTURAL CHEMICALS REGULATION LAW; 10) WASTE DISPOSAL AND PUBLIC CLEANING LAW; 11) NOISE REGULATION LAW AND ITS IMPLEMENTING CABINET ORDER; 12) OFFENSIVE ODOR CONTROL LAW AND ITS IMPLEMENTING CABINET ORDER. FOUR NATURE PROTECTION LAWS ARE ALSO PROVIDED. APPENDICES SET FORTH AMBIENT AIR QUALITY STANDARDS, EMISSION STANDARDS, AND WATER QUALITY AND EFFLUENT STANDARDS.

GENERAL

JAPAN

"FISCAL 1975 STATE BUDGET FOR ENVIRONMENTAL PROTECTION." JAPAN ENVIRONMENT SUMMARY, VOL. 3, NO. 5
JAPAN. ENVIRONMENT AGENCY
SE( ) ENGLISH 05/10/75 PGS 1-3 ID# 02897A EPA

THIS ARTICLE PROVIDES A BREAKDOWN OF THE FISCAL 1975 STATE BUDGET FOR ENVIRONMENTAL PROTECTION IN JAPAN. A TOTAL OF 375,134 MILLION YEN HAS BEEN ALLOCATED FOR ENVIRONMENTAL PROGRAMS, OF WHICH THE ENVIRONMENT AGENCY WILL CONTROL 22,698 MILLION YEN, GIVING PRIORITY TO THE FOLLOWING AREAS: 1) DRAFTING OF A LONG-RANGE ENVIRONMENTAL PRESERVATION PROGRAM TO COVER THE TEN-YEAR PERIOD ENDING IN 1985; 2) REINFORCEMENT OF ENVIRONMENTAL IMPACT ASSESSMENT; 3) PROMOTION OF POLLUTANT CONTROLS; 4) PROMOTION OF POLLUTION CONTROL REGARDING AUTOMOBILES AND HIGH-SPEED MEANS OF TRANSPORT; 5) PROMOTION OF ZONAL DESIGNATIONS FOR PRESERVATION OF THE NATURAL ENVIRONMENT; 6) PROMOTION OF RESEARCH FOR POLLUTION CONTROL; 7) PROMOTION OF RELIEF FOR VICTIMS OF POLLUTION-INDUCED HEALTH DAMAGE; AND 8) PROMOTION OF ENVIRONMENTAL PRESERVATION MEASURES FOR THE SETO INLAND SEA. APPENDED TABLES 1 AND 2 ILLUSTRATE THE ENVIRONMENTAL PROTECTION BUDGET BY MAJOR ITEMS AND TREASURY INVESTMENTS AND LOANS FOR POLLUTION CONTROL.

NEW ZEALAND

REPORT OF THE COMMISSION FOR THE ENVIRONMENT FOR THE YEAR ENDED 31 MARCH 1975
NEW ZEALAND. COMMISSION FOR THE ENVIRONMENT
PM(A) ENGLISH 04/14/75 PGS 1-8 ID# 02939A EPA

THIS ANNUAL REPORT, SUBMITTED TO THE MINISTER FOR THE ENVIRONMENT, COVERS THE SECOND FULL YEAR OF OPERATIONS OF THE NEW ZEALAND COMMISSION FOR THE ENVIRONMENT. THE MAJOR RESPONSIBILITY OF THE COMMISSION DURING THIS PERIOD WAS THE ADMINISTRATION OF THE ENVIRONMENTAL IMPACT REPORTING SYSTEM. IN ALL, 17 ENVIRONMENTAL IMPACT AUDITS, CONCERNED FOR THE MOST PART WITH PRODUCTION OF ELECTRICAL ENERGY FROM FOSSIL FUELS AND THE MANAGEMENT OF COASTAL WATERS, WERE PRODUCED. IT IS STRESSED, HOWEVER, THAT THE COMMISSION'S ROLE IN THIS REGARD IS EDUCATORY AND ADVISORY RATHER THAN REGULATORY OR MANAGERIAL, BEING INTENDED CHIEFLY TO ENSURE THAT INFORMATION IS AVAILABLE ON THE ENVIRONMENTAL EFFECTS OF DEVELOPMENT PROJECTS WHEN DECISIONS ON THESE ARE MADE AT ANY LEVEL OF GOVERNMENT. OTHER AREAS DEALT WITH BY THE COMMISSION INCLUDED: POPULATION QUESTIONS; REVISION OF LAWS DEALING WITH WATER AND SOIL CONSERVATION; AND NUCLEAR POWER PRODUCTION.

PERU

"STUDY ON THE ENVIRONMENT REALIZED." LA PRENSA
PM(B) SPANISH 04/13/75 PGS 5 ID# 02893A EPA
ALSO SE
LAND USE

THIS ARTICLE CITES A STUDY ON ENVIRONMENTAL DETERIORATION BEING CARRIED OUT IN PERU BY THE NATIONAL OFFICE FOR THE EVALUATION OF NATURAL RESOURCES. AT A COST OF FOUR MILLION SOLES, THE STUDY WILL ATTEMPT TO OFFER SOLUTIONS TO SUCH ENVIRONMENTAL PROBLEMS AS IRRATIONAL USE OF LAND AND DISREGARD FOR ENVIRONMENTAL CONSIDERATIONS IN ECONOMIC DEVELOPMENT. OVERUSE OF NATURAL RESOURCES AND THE ECOLOGICAL RELATIONSHIPS IN DIFFERENT REGIONS OF THE COUNTRY WILL ALSO BE STUDIED.

GENERAL

POLAND "A CHANCE FOR PEOPLE AND NATURE." TRYBUNA LUDU
OLSZEWSKI, JERZY
EPA
PM(A) POLISH 07/29/75 PGS 5 ID# 02923A

THIS ARTICLE REPORTS ON A REORGANIZATION OF ENVIRONMENTAL PROTECTION ADMINISTRATION ON THE PROVINCIAL LEVEL IN POLAND, DUE TO AN ADMINISTRATIVE REORGANIZATION OF THE COUNTRY BY WHICH MORE REGIONS WERE GIVEN PROVINCIAL STATUS. ALL PROVINCES ARE TO HAVE DEPARTMENTS OF LAND ECONOMY AND ENVIRONMENTAL PROTECTION WITH ADMINISTRATIVE AND COORDINATING FUNCTIONS. IT IS PLANNED THAT, WITHIN THE NEXT TWO OR THREE YEARS, CENTERS FOR RESEARCH AND POLLUTION CONTROL WILL BE ESTABLISHED IN EVERY PROVINCE. THE ARTICLE ALSO NOTES THAT A NEW ENVIRONMENTAL PROTECTION LAW IS PRESENTLY UNDER CONSIDERATION IN THE NATIONAL LEGISLATURE.

SWITZERLAND "INVENTORY OF ENVIRONMENTAL RESEARCH." NEUE ZUERCHER ZEITUNG
MERIAN, ERNEST
EPA
PM(B) GERMAN 05/10/75 PGS 33 ID# 02952A
ALSO SE

THIS ARTICLE REPORTS THAT A WORKING GROUP OF THE SWISS STUDY GROUP FOR ENVIRONMENTAL RESEARCH HAS PREPARED TWO CATALOGS, ONE SURVEYING CURRENT ENVIRONMENTAL RESEARCH IN SWITZERLAND AND THE OTHER SUMMARIZING NECESSARY FUTURE RESEARCH AREAS. THE SURVEY, COMMISSIONED IN SUMMER 1973 BY THE FEDERAL INTERIOR DEPARTMENT TO PROVIDE A BASIS FOR PLANNING AND COORDINATION, REVEALS THAT IN 1973 APPROXIMATELY 1574 ENVIRONMENTAL RESEARCH PROJECTS WERE IN PROGRESS, DEVOTED TO: GENERAL QUESTIONS (5 PERCENT), SOCIO-CULTURAL CONSIDERATIONS (8 PERCENT), LAND USE AND RESOURCES (12 PERCENT), AGRICULTURE, FORESTRY, AND SOIL (8 PERCENT), ENERGY AND NOISE (9 PERCENT), CHEMICAL EMISSIONS (38 PERCENT), AND INTERRELATIONSHIPS OF THE ENVIRONMENT AND LIVING ORGANISMS (20 PERCENT). OVER 2000 RESEARCHERS WORKED IN PROJECTS COSTING A TOTAL OF ABOUT 200-300 MILLION SWISS FRANCS A YEAR. ABOUT 5 PERCENT OF ALL PROJECTS WERE FINANCED BY PUBLIC FUNDS. THE PERCENTAGE DISTRIBUTIONS OF RESEARCH PROJECTS BY TYPE OF INSTITUTION AND GEOGRAPHICAL AREA PLUS SUGGESTED RESEARCH FIELDS ARE LISTED.

USSR "NEW REGULATIONS FOR THE PROTECTION OF THE BAIKAL." NUISANCES ET ENVIRONNEMENT, NO. 40
EPA
LR(B) FRENCH 05/00/75 PGS 15 ID# 02898A
*WATER

GENERAL

YUGOSLAVIA "THE ENVIRONMENT CLAIMS ITS OWN." RUDE PRAVO
HROBAR, JAN
EPA
PM(A) CZECH 07/19/75 PGS 6 ID# 02940A
ALSO LRB
WATER AIR

THIS ARTICLE NOTES ENVIRONMENTAL PROTECTION MEASURES IN YUGOSLAVIA. NEW LAWS ON WATER PROTECTION AND GENERAL ENVIRONMENTAL PROTECTION DELEGATE THE RESPONSIBILITY FOR RECTIFYING ENVIRONMENTAL DMAGE TO POLLUTERS. ALSO, A YUGOSLAV COUNCIL FOR ENVIRONMENTAL PROTECTION HAS BEEN CREATED, WITH ANALOGOUS ORGANS ESTABLISHED IN THE INDIVIDUAL REPUBLICS AND ON THE LOCAL LEVEL. APPENDED TO THE YUGOSLAV COUNCIL ARE AUXILIARY ORGANS WITH SIXTEEN SPECIALIZED COMMITTEES TO RESOLVE A WIDE RANGE OF ENVIRONMENTAL PROBLEMS. EXAMPLES OF RESOLUTION OF CERTAIN LOCALIZED WATER AND AIR POLLUTION PROBLEMS IN YUGOSLAVIA ARE CITED.

LAND USE

AUSTRIA BEITRAEGE ZUM UMWELTSCHUTZ 1972-74 (CONTRIBUTIONS TO ENVIRONMENTAL PROTECTION 1972-74)
AUSTRIA. MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA
PM(B) GERMAN 00/00/74 PGS 1-359 ID# 02930A
ALSO SE
*GENERAL SOLID WASTE TOXIC SUBS RADIOACTIVE

GERMANY,FED REP OF "TWO LAWS TO IMPROVE ENVIRONMENTAL PROTECTION SIGNIFICANTLY." STUTTGARTER ZEITUNG
EPA
LR(B) GERMAN 04/17/75 PGS 5 ID# 02948A
*SOLID WASTE

PERU "STUDY ON THE ENVIRONMENT REALIZED." LA PRENSA
EPA
PM(B) SPANISH 04/13/75 PGS 5 ID# 02893A
ALSO SE
*GENERAL

NOISE

BULGARIA

"CONTEMPORARY HOUSING - PROTECTED FROM NOISE!" RABOTNICHESKO DELO
MADZHAROVA, ANTONIYA
EPA
PM(B) BULGARIAN 07/26/75 PGS 4 ID# 02950A
ALSO ST AND PMA

THIS ARTICLE CONCERNS THE PROTECTION OF RESIDENTIAL BUILDINGS IN BULGARIA FROM EXCESSIVE NOISE BY MEANS OF SOUNDPROOFING WALLS AND FLOORDS. ALTHOUGH THERE IS NO FORMAL CONTROL ON THE DESIGNING OF RESIDENTIAL BUILDINGS, A SERIES OF INSTRUCTIONS FOR BUILDING WALLS AND FLOORS HAS BEEN WORKED OUT TO CONFORM WITH STANDARDS FOR PERMISSIBLE NOISE LIMITS. RECOMMENDATIONS FOR SOUNDPROOFING WALLS AND FLOORS ARE SET FORTH. FOR EXAMPLE, A TWOFOLD INCREASE IN THE WEIGHT OF A SQUARE METER OF STEEL-REINFORCED CONCRETE IN A WALL FROM 100 TO 200 KG. INCREASES SOUNDPROOFING BY AN AVERAGE OF 4 DECIBELS; AN INCREASE FROM 400 TO 500 KG. EFFECTS AN IMPROVEMENT OF 2 DECIBELS. IT IS NOTED THAT THE MINISTRY OF BUILDING AND ARCHITECTURE IS RESPONSIBLE FOR ENSURING SOUNDPROOFING IN THE DESIGN AND CONSTRUCTION STAGES OF RESIDENTIAL BUILDINGS.

CZECHOSLOVAKIA

"BATTLE AGAINST DECIBELS." RUDE PRAVO
EPA
PM(B) CZECH 06/20/75 PGS 2 ID# 02941A
ALSO PMA

THIS ARTICLE DISCUSSES THE CONTROL OF NOISE POLLUTION IN CZECHOSLOVAKIA. THE MINISTRY OF HEALTH, THE MAIN COORDINATING BODY WITH REGARD TO NOISE PROBLEMS, HAS PREPARED A STUDY ON NOISE CONTROL IN CONJUNCTION WITH OTHER NATIONAL AND FEDERAL ORGANS. THIS STUDY, WHICH MUST BE APPROVED BY THE NATIONAL GOVERNMENT, INCLUDES: 1) A REVIEW OF TRANSPORTATION IN MOST AREAS; 2) PLANS FOR MAIN TRANSPORT ROUTES WHICH WOULD NOT PASS THROUGH RESIDENTIAL AREAS; 3) PROHIBITION OF HEAVY TRUCKS IN CERTAIN AREAS; AND 4) RECOMMENDATIONS FOR SUITABLE CONSTRUCTION ELEMENTS FROM THE POINT OF VIEW OF SOUNDPROOFING RESIDENTIAL BUILDINGS. THE MINISTRY OF HEALTH AND THE MINISTRY OF CONSTRUCTION AND TECHNOLOGY ARE COMPILING DIRECTIVES ON SOUNDPROOFING IN HOUSING CONSTRUCTION. A NOISE STUDY WAS ALSO CONDUCTED AT THE PRAGUE AIRPORT, SETTING FORTH RECOMMENDATIONS FOR DECREASING TAKE-OFF AND LANDING NOISE FOR ALL TYPES OF AIRCRAFT.

GERMANY,FED REP OF

"FEBRUARY 14, 1975 FOURTH REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON FACILITIES REQUIRING PERMITS)." BUNDESGESETZBLATT I
EPA
LR(A) GERMAN 02/19/75 PGS 499-503 ID# 02033L
*AIR

NOISE

GERMANY,FED REP OF "FEBRUARY 14, 1975 FIFTH REGULATION FOR IMPLEMENTATION OF THE FEDERAL IMMISSIONS LAW (REGULATION ON IMMISSIONS CONTROL OFFICERS)." BUNDESGESETZBLATT I
EPA
LR(A) GERMAN 02/19/75 PGS 504-506 ID# 02033M
*AIR

JAPAN ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP.
EPA
LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
*GENERAL AIR WATER PESTICIDES SOLID WASTE

PESTICIDES

JAPAN ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP.
EPA
LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
*GENERAL AIR WATER SOLID WASTE NOISE

SWEDEN THE DISTRIBUTION OF AMINOTRIAZOLE (STATENS NATURVARDSVERK PM 463)
THALVE, HANS
EPA
ST( ) SWEDISH 00/00/74 PGS 1-40 ID# 02915A

THIS PUBLICATION DESCRIBES STUDIES OF THE DISTRIBUTION OF AMINOTRIAZOLE IN THE BODIES OF MICE. METHODS OF STUDYING THIS SUBSTANCE, FORMERLY WIDELY EMPLOYED AS AN HERBICIDE, INCLUDED WHOLE-BODY AUDIORADIOGRAPHY, MICROAUTORADIOGRAPHY, IMPULSE COUNTING, AND CELLULAR FRACTIONATION. AMINOTRIAZOLE WAS FOUND TO ACCUMULATE IN TISSUES WITH A RAPID CELL TURNOVER, FOR EXAMPLE IN THE BONE MARROW, GASTRO-INTESTINAL MUCOSA, AND IN PARTS OF THE SPLEEN, THE THYMUS AND LYMPH NODES. IN THESE TISSUES IT INTERFERES WITH SOME FACTORS OF CELL DIVISION, FOR EXAMPLE WITH PURINE SYNTHESIS. THE SUBSTANCE IS THEREFORE A POTENTIAL HEALTH HAZARD. A TERATOLOGICAL STUDY OF AMINOTRIAZOLE INDICATED THAT ALTHOUGH IT MAY CAUSE SMALL AND IMMATURE FETUSES, IT DOES NOT CAUSE MALFORMATIONS. THE PUBLICATION PROVIDES SWEDISH AND ENGLISH SUMMARIES, AND 21 PAGES OF TABLES AND FIGURES LABELLED IN BOTH SWEDISH AND ENGLISH, AS WELL AS A BIBLIOGRAPHY.

RADIOACTIVE

AUSTRIA

BEITRAEGE ZUM UMWELTSCHUTZ 1972-74 (CONTRIBUTIONS TO ENVIRONMENTAL PROTECTION 1972-74)
AUSTRIA. MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA
PM(B) GERMAN 00/00/74 PGS 1-359 ID# 02930A
ALSO SE
*GENERAL SOLID WASTE TOXIC SUBS LAND USE

SOLID WASTE

AUSTRIA

BEITRAEGE ZUM UMWELTSCHUTZ 1972-74 (CONTRIBUTIONS TO ENVIRONMENTAL PROTECTION 1972-74)
AUSTRIA. MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA
PM(B) GERMAN 00/00/74 PGS 1-359 ID# 02930A
ALSO SE
*GENERAL TOXIC SUBS RADIOACTIVE LAND USE

FRANCE

"APRIL 23, 1975 DECREE NO. 75-290 INSTITUTING A DEPUTY FOR THE MANAGEMENT OF RAW MATERIALS." JOURNAL OFFICIEL
EPA
LR(A) FRENCH 04/26/75 PGS 4299 ID# 02928A

THIS DECREE CREATES, WITHIN THE MINISTRY OF INDUSTRY AND RESEARCH, THE OFFICE OF DEPUTY FOR THE MANAGEMENT OF RAW MATERIALS, WITH THE RESPONSIBILITY OF FOSTERING THE CAREFUL MANAGEMENT OF RAW MATERIALS WHETHER BY EXERTING INFLUENCE ON PRODUCTION PROCESSES AND PERSONAL CONSUMPTION HABITS, OR BY PROMOTING THE RATIONAL RECYCLING OF BY-PRODUCTS AND WASTES. IN ALL FUNCTIONS THE DEPUTY IS TO BENEFIT FROM THE CONCURRENCE OF OTHER GOVERNMENT AGENCIES ENGAGED IN THE MANAGEMENT OF RAW MATERIALS, RECYCLING OPERATIONS, OR THE RECLAMATION OF USEABLE PRODUCTS.

FRANCE

"JULY 15, 1975 LAW NO. 75-633 REGARDING THE DISPOSAL OF WASTES AND THE RECLAMATION OF MATERIALS." JOURNAL OFFICIEL
EPA
LR(A) FRENCH 07/16/75 PGS 7279-81 ID# 02929A
TOXIC SUBS

THIS LAW REQUIRES ALL PRODUCERS OR HOLDERS OF WASTES WHICH ARE POTENTIALLY HAZARDOUS TO THE ENVIRONMENT TO ENSURE THEIR ELIMINATION IN SUCH A MANNER AS TO PRECLUDE THE PRODUCTION OF ENVIRONMENTAL NUISANCES. IF WASTES ARE ABANDONED, DISPOSED OF OR TREATED CONTRARY TO THE PROVISIONS OF THE LAW, POLICE AUTHORITIES ARE EMPOWERED TO DISPOSE OF THESE WASTES AT THE EXPENSE OF THE RESPONSIBLE PARTY. THE LAW FURTHER SUBJECTS THE MANUFACTURING, IMPORTING AND DISTRIBUTION OF PRODUCTS WHICH GENERATE WASTES TO REGULATION DESIGNED TO FACILITATE THE DISPOSAL OF SUCH WASTES. FURTHERMORE, WASTE TREATMENT FACILITIES ARE ADDED TO THE LIST OF THOSE DANGEROUS ESTABLISHMENTS WHICH REQUIRE AUTHORIZATION TO OPERATE. LOCAL AGENCIES ARE AUTHORIZED TO ENSURE THE ELIMINATION OF HOUSEHOLD WASTES AND EMPOWERED TO COLLECT SPECIAL FEES TO FINANCE THE DISPOSAL OF ALL OTHER WASTES. THE LAW ALSO ESTABLISHES A NATIONAL AGENCY FOR THE RECLAMATION AND ELIMINATION OF WASTES TO BE ADMINISTERED BY A COUNCIL OF NATIONAL AND LOCAL REPRESENTATIVES.

SOLID WASTE

FRANCE "DECREE NO. 75-310 OF APRIL 23, 1975 ON INTERMINISTERIAL COORDINATION IN THE AREA OF WASTE DISPOSAL." JOURNAL OFFICIEL

EPA

LR(A) FRENCH 05/03/75 PGS 4500 ID# 02953A
TOXIC SUBS

THIS DECREE CREATES, WITHIN THE OFFICE OF THE MINISTER FOR THE QUALITY OF LIFE, AN INTERMINISTERIAL COMMISSION WHICH IS TO ASSIST THE MINISTER IN HIS COORDINATING DUTIES PERTAINING TO WASTE DISPOSAL. THE PRINCIPAL RESPONSIBILITY OF THE COMMISSION IS TO PREPARE THE DECISIONS OF THE INTERMINISTERIAL ACTION COMMITTEE FOR NATURE AND THE ENVIRONMENT, AS WELL AS TO FOLLOW UP THE EXECUTION OF THESE DECISIONS BY THE VARIOUS CONCERNED MINISTRIES. THE COMMISSION, TO BE HEADED BY THE MINISTER FOR THE QUALITY OF LIFE, IS TO COMPRISE REPRESENTATIVES FROM EACH OF THE MAJOR MINISTRIES.

FRANCE "FRANCE'S LARGEST INDUSTRIAL WASTE DISPOSAL CENTER IS OPENED." LE MONDE
AMBROISE-RENDU, MARC

EPA

PM(B) FRENCH 07/03/75 PGS 21 ID# 02929B
ALSO LRB
WATER TOXIC SUBS

THE OPENING OF AN INDUSTRIAL WASTE TREATMENT CENTER IN LIMAY, FRANCE, IS REPORTED IN THIS ARTICLE TO HAVE COINCIDED WITH THE APPROVAL OF THE NEW LAW ON THE DISPOSAL AND RECLAMATION OF WASTES. THIS INSTALLATION, WHICH IS THE FIRST STAGE OF A MULTI-FACETED OPERATION EVENTUALLY TO INCLUDE AN INCINERATION PLANT, AN INDUSTRIAL WASTEWATER TREATMENT PLANT, AND VARIOUS RECYCLING FACILITIES, IS THE FIRST OF A SERIES OF ANTIPOLLUTION CENTERS PROJECTED FOR THE TREATMENT OF WASTES IN ACCORDANCE WITH THE MORE STRINGENT PROVISIONS OF THE NEW LEGISLATION. RIGOROUS INSPECTION PROCEDURES ARE EXPECTED TO ENSURE THE DELIVERY OF INDUSTRIAL WASTES TO THE CENTERS FOR DETOXIFICATION. A NATIONAL WASTE AGENCY IS ALSO SLATED FOR CREATION BY THE MINISTER FOR THE QUALITY OF LIFE IN ACCORDANCE WITH FURTHER PROVISIONS OF THE LAW.

GERMANY,FED REP OF "TWO LAWS TO IMPROVE ENVIRONMENTAL PROTECTION SIGNIFICANTLY." STUTTGARTER ZEITUNG

EPA

LR(B) GERMAN 04/17/75 PGS 5 ID# 02948A
LAND USE

THIS ARTICLE STATES THAT THE ADMINISTRATION OF THE FEDERAL STATE OF BADEN-WUERTTEMBERG IN THE FEDERAL REPUBLIC OF GERMANY HAS APPROVED TWO DRAFT LAWS OF SIGNIFICANCE FOR ENVIRONMENTAL PROTECTION. ONE, A NEW STATE SOLID WASTE LAW, WOULD MAKE SOLID WASTE REMOVAL THE RESPONSIBILITY OF MUNICIPAL AND RURAL DISTRICTS WITHIN THE STATE RATHER THAN ALLOWING THE FUNCTION TO FALL TO RANDOM SMALLER JURISDICTIONS AS AT PRESENT. THE LAW, WHICH IS TO BE SENT TO THE STATE ASSEMBLY WITHIN THE NEXT FEW DAYS, WOULD PLACE EMPHASIS ON RECLAMATION OF SOLID WASTE MATERIALS WHERE POSSIBLE. INFRACTIONS COULD BE PUNISHED BY FINES UP TO 100,000 GERMAN MARKS. THE OTHER PROPOSED MEASURE, A NEW STATE FOREST LAW, WOULD FORBID FELLING A FOREST AREA WITHOUT THE APPROVAL OF THE FOREST AUTHORITY AND WOULD GUARANTEE CITIZENS ACCESS TO FOREST LANDS FOR RECREATIONAL PURPOSES. PASSAGE OF A NEW STATE FOREST LAW WAS NECESSITATED BY THE DICTATES OF A NEW FEDERAL FOREST LAW.

SOLID WASTE

JAPAN
ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP. EPA
LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
*GENERAL AIR WATER PESTICIDES NOISE

TOXIC SUBS

AUSTRIA
BEITRAEGE ZUM UMWELTSCHUTZ 1972-74 (CONTRIBUTIONS TO ENVIRONMENTAL PROTECTION 1972-74)
AUSTRIA. MINISTRY FOR HEALTH AND ENVIRONMENTAL PROTECTION EPA
PM(B) GERMAN 00/00/74 PGS 1-359 ID# 02930A
ALSO SE
*GENERAL SOLID WASTE RADIOACTIVE LAND USE

EEC
"THE NINE WILL STUDY A EUROPEAN PROGRAM OF RED SLUDGE REDUCTION." LE MONDE EPA
PM(A) FRENCH 07/20/75 PGS 16 ID# 02908A
*WATER

FRANCE
"JULY 15, 1975 LAW NO. 75-633 REGARDING THE DISPOSAL OF WASTES AND THE RECLAMATION OF MATERIALS." JOURNAL OFFICIEL EPA
LR(A) FRENCH 07/16/75 PGS 7279-81 ID# 02929A
*SOLID WASTE

FRANCE
"DECREE NO. 75-310 OF APRIL 23, 1975 ON INTERMINISTERIAL COORDINATION IN THE AREA OF WASTE DISPOSAL." JOURNAL OFFICIEL EPA
LR(A) FRENCH 05/03/75 PGS 4500 ID# 02953A
*SOLID WASTE

TOXIC SUBS

FRANCE "SOLVAY: 400 KILOMETERS OF PIPES FOR THE DETOXIFICATION OF SODA PLANTS." LE MONDE

EPA

PM(B) FRENCH 07/02/75 PGS 11 ID# 02906A
*WATER

FRANCE "FRANCE'S LARGEST INDUSTRIAL WASTE DISPOSAL CENTER IS OPENED." LE MONDE
AMBROISE-RENDU, MARC

EPA

PM(B) FRENCH 07/03/75 PGS 21 ID# 02929B
ALSO LRB
*SOLID WASTE WATER

INTERNATIONAL PROCEEDINGS FROM THE SYMPOSIUM ON THE SEAL IN THE BALTIC. JUNE 4-6, 1974, LIDINGO, SWEDEN (STATENS NATURVARDSVERK PM 591)

EPA

ST( ) ENGLISH 00/00/75 PGS 1-128 ID# 02922A
*WATER

WATER

BRAZIL "POLLUTION: THE EVIL OF PROGRESS." MANCHETE

EPA

PM(B) PORTUGUESE 07/05/75 PGS 54-58 ID# 02933A
ALSO SE AND LRB
*AIR

BRAZIL "TECHNICIANS STUDY WATER QUALITY LEVELS OF THE COUNTRY." O GLOBO

EPA

PM(B) PORTUGUESE 07/09/75 PGS 2 ID# 02943A

THIS ARTICLE CITES THE ACTIVITIES UNDERTAKEN IN THE STATE TECHNOLOGICAL AND BASIC SANITATION COMPANY OF SAO PAULO, WITH THE ASSISTANCE OF TECHNICIANS FROM THE UNITED STATES, WHO, AND OTHER BRAZILIAN STATES, TO FORMULATE CRITERIA AND METHODOLOGY IN CONTROLLING THE POLLUTION OF SAO PAULO'S PARAIBA RIVER BASIN AND TO SUBSEQUENTLY FORMULATE STANDARDS TO BE USED ON THE FEDERAL LEVEL IN SETTING LEGAL RIVER POLLUTION LIMITS FOR THE DIFFERENT STATES OF BRAZIL. IN ESTABLISHING A WORKING MODEL TO CONTROL RIVER POLLUTION, THE GROUP WILL DETERMINE THE GENERAL POLLUTION OF THE PARAIBA RIVER AND WILL RECOMMEND THE BEST MEANS OF WASTEWATER TREATMENT FOR THE VARIOUS TYPES OF DISCHARGE SOURCES. BY 1976 A POLLUTION CONTROL PROGRAM FOR THE PARAIBA RIVER IS EXPECTED TO BE IN OPERATION.

WATER

BRAZIL "RADAM WILL RESEARCH POLLUTED AREAS." O GLOBO

EPA

PM(B) PORTUGUESE 06/25/75 PGS 2 ID# 02945A
GENERAL

THIS ARTICLE REPORTS ON THE NEWLY CREATED PROJECT "RADAM/BRAZIL," INTENDED TO TAKE AN INVENTORY OF THE MINERAL, PLANT, AND WATER RESOURCES IN BRAZIL AS WELL AS TO MEASURE THE DEGREE OF POLLUTION IN THE COUNTRY. DATA WILL BE GATHERED BY THE NATIONAL DEPARTMENT OF MINERAL PRODUCTION BY MEANS OF GROUND OBSERVATIONS AND AERIAL PHOTOGRAPHY AND RADAR COVERING AN AREA OF 3,700,000 SQUARE KILOMETERS AT A COST OF 250 MILLION CRUZEIROS. SOME OF THE SPECIFIC WORK MENTIONED IN CONNECTION WITH THE PROJECT INCLUDES: INVENTORY WORK COMPLETED IN THE AMAZON, PLANS FOR TAKING AERIAL INVENTORY IN THE CENTRAL WEST REGION OF BRAZIL WITH TECHNICAL ASSISTANCE FROM CANADA, A COMPLETE STUDY OF SOIL EROSION IN PARANA, AND GEOCHEMICAL AND MINERAL INVENTORIES IN SEVERAL BRAZILIAN STATES.

BRAZIL "NATIONAL COMMISSION TO CONTROL WATER POLLUTION INSTALLED." O GLOBO

EPA

PM(A) PORTUGUESE 07/04/75 PGS 6 ID# 02954A
AIR

THIS ARTICLE REPORTS ON THE CREATION OF TWO NATIONAL COMMISSIONS UNDER THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) TO FORMULATE STANDARDS FOR CONTROLLING WATER AND AIR POLLUTION IN BRAZIL. THESE COMMISSIONS, PRESIDED BY SEMA'S DIRECTOR OF POLLUTION CONTROL, WILL BE COMPOSED OF TECHNICIANS FROM THE VARIOUS BRAZILIAN STATES WHO, IN ACCORDANCE WITH DECENTRALIZED ENVIRONMENTAL POLICY, WILL FORMULATE THE AIR AND WATER QUALITY STANDARDS MOST APPROPRIATE FOR EACH REGION OF THE COUNTRY. RESULTS OF THE COMMISSIONS' STUDIES WILL BE AN INTEGRAL PART OF SEMA'S ACTIVITIES IN DRAFTING A NATIONAL ENVIRONMENTAL LAW. ALSO DISCUSSED IN THE ARTICLE ARE THE FOLLOWING: A COLLABORATION BETWEEN PRIVATE SANITATION CONTRACTORS AND THE STATE OF SAO PAULO TO PREVENT DUPLICATION OF EFFORT IN ANTIPOLLUTION RESEARCH; A 30-DAY NOTICE RESULTING FROM PUBLIC PRESSURE FOR THE RELOCATION OF A POLLUTING FACTORY IN SAO PAULO CITY; AND THE CONTINUED HIGH AIR POLLUTION READINGS IN DIFFERENT AREAS OF THE CITY.

BULGARIA "THE ATMOSPHERE IN THE CAPITAL." RABOTNICHESKO DELO
KANTARDZHIEVA, GETA AND KIPRA DOBREVA

EPA

LR(B) BULGARIAN 08/03/75 PGS 3 ID# 02924A
ALSO PMB
AIR

THIS ARTICLE DISCUSSES ENVIRONMENTAL PROTECTION MEASURES IN BULGARIA, BASED ON THE 1963 LAW ON PROTECTION OF AIR, WATER AND SOIL FROM POLLUTION AND ITS IMPLEMENTING REGULATIONS. UNDER THIS LAW, ALL DEPARTMENTS AND ORGANIZATIONS BUILDING INDUSTRIAL INSTALLATIONS, THERMAL-ELECTRIC POWER PLANTS, OR OTHER POTENTIAL SOURCES OF POLLUTION MUST CONSTRUCT ACCOMPANYING AIR AND WATER PURIFICATION FACILITIES. A DECREE OF THE COUNCIL OF MINISTERS ESTABLISHED A PROGRAM FOR DECREASING POLLUTION IN THE CAPITAL CITY, SOFIA, WITHIN THE PERIOD 1971-1975. HOWEVER, ONLY 9 OF THE 35 ESTABLISHMENTS REQUIRED UNDER THIS PROGRAM TO BUILD WATER PURIFICATION FACILITIES DID SO, AND ONLY 8 OUT OF 19 ENTERPRISES OBLIGATED TO ACQUIRE AIR PURIFICATION FACILITIES DID SO. A NEW ENVIRONMENTAL PROTECTION PROGRAM FOR THE CAPITAL HAS BEEN ADOPTED AND IS TO EXTEND UNTIL 1980.

WATER

BULGARIA "STRICT MEASURES FOR THE PROTECTION OF THE ENVIRONMENT." RABOTNICHESKO DELO
EPA
PM(A) BULGARIAN 08/14/75 PGS 2 ID# 02942A
ALSO PMB AND LRB

THIS ARTICLE REPORTS ON A STUDY CONDUCTED BY THE BULGARIAN STATE CONTROL COMMITTEE ON THE EXECUTION OF WATER PROTECTION MEASURES BY THE MINISTRIES OF CONSTRUCTION AND ARCHITECTURE, CHEMICAL PRODUCTION, AGRICULTURE AND FOOD INDUSTRY, MACHINERY AND METALLURGY, AND FORESTS AND ENVIRONMENTAL PROTECTION. ACCOMPLISHMENTS OF THESE MINISTRIES INCLUDE CATEGORIZATION OF THE MAJOR RIVERS, INDEXING OF SOURCES OF POLLUTION, AND ESTABLISHMENT OF A SYSTEM OF OBSERVING AND RECORDING THE CONDITION OF WATERCOURSES. ALSO, MORE THAN 150 WASTEWATER PURIFICATION INSTALLATIONS WERE PUT INTO OPERATION DURING THE 6TH FIVE-YEAR PLAN. NEVERTHELESS, MANY WATERCOURSES REMAIN POLLUTED IN EXCESS OF PERMISSIBLE LIMITS. THE ARTICLE POINTS OUT THE INSUFFICIENCIES OF EACH INVOLVED MINISTRY IN IMPLEMENTING THE LAW ON THE PROTECTION OF AIR, WATER AND SOIL FROM POLLUTION; FOR EXAMPLE, THE MINISTRY OF FORESTS AND ENVIRONMENTAL PROTECTION DID NOT EXERCISE THE NECESSARY CONTROL IN ENFORCING PROVISIONS OF THE LAW.

EEC "THE NINE WILL STUDY A EUROPEAN PROGRAM OF RED SLUDGE REDUCTION." LE MONDE
EPA
PM(A) FRENCH 07/20/75 PGS 16 ID# 02908A
TOXIC SUBS

ACCORDING TO THIS NEWS BRIEF, THE EEC COMMISSION HAS ADVANCED A PROPOSAL FOR A NEW SERIES OF UNIFORM MEASURES AMONG ITS NINE MEMBER STATES DESIGNED TO REDUCE AND GRADUALLY ELIMINATE MARINE POLLUTION STEMMING FROM RED SLUDGE (TITANIUM DIOXIDE). THE DIRECTIVE, WHICH ORIGINATED IN THE COUNCIL OF MINISTERS PROVIDES FOR THREE CATEGORIES OF REGULATIONS: 1) INDUSTRIAL ESTABLISHMENTS WILL BE EXPECTED TO OBTAIN MANDATORY AUTHORIZATIONS PRIOR TO DISCHARGES; 2) DISPOSAL SITES FOR RED SLUDGE WILL BE SUBJECT TO ENVIRONMENTAL CONTROLS FOR THE DETERMINATION OF EFFECTS UPON MARINE FAUNA AND MAN; AND 3) A PROGRAM OF POLLUTION REDUCTION IS TO BE ESTABLISHED PROVIDING FOR REDUCTIONS OF 30 PERCENT BY 1978 AND 95 PERCENT BY 1985 FOR EXISTING FACILITIES, AND OF 70 PERCENT BY 1978 AND 95 PERCENT BY 1985 FOR NEW INSTALLATIONS.

FRANCE "DECREE NO. 75-177 OF MARCH 12, 1975, BEARING ON THE APPLICATION OF ARTICLE 6 (3) OF THE DECEMBER 16, 1964 LAW NO. 64-1245...." JOURNAL OFFICIEL
EPA
LR(A) FRENCH 03/23/75 PGS 3163-64 ID# 00441V

THIS DECREE, BEARING ON THE APPLICATION OF THE 1964 LAW ON THE ADMINISTRATION AND DISTRIBUTION OF WATERS AND THE CAMPAIGN AGAINST THEIR POLLUTION, SPECIFIES THE CONDITIONS UNDER WHICH QUALITY CONTROLS ARE TO BE CONDUCTED FOR THOSE DISCHARGE AND RECEIVING WATERS CITED BY THE LAW. THE DECREE DESIGNATES THE AGENTS QUALIFIED TO EXERCISE THESE CHEMICAL, BIOLOGICAL AND PHYSICAL CONTROLS AND GRANTS THEM ACCESS TO ALL DISCHARGING INSTALLATIONS. QUALITY CONTROL PROCEDURES FOR RECEIVING WATERS ARE TO CONSIST OF FOUR POSSIBLE OPERATIONS: THE EXAMINATION OF INSTALLATIONS, ON-SITE MEASURES OF CONTROL, SAMPLE-TAKING AND ANALYSIS OF SAMPLES. FINAL PROVISIONS CONCERN CONTROL MEASURES FOR DISCHARGE WATERS WITHIN INSTALLATIONS EQUIPPED WITH WASTEWATER TREATMENT FACILITIES.

WATER

FRANCE "DETECTION BY PLANE OF RIVER POLLUTION." LE MONDE

EPA

PM(A) FRENCH 07/16/75 PGS 18 ID# 02900A

THIS ARTICLE DESCRIBES A NEW SYSTEM OF POLLUTION DETECTION WHICH THE FRENCH NATIONAL GEOGRAPHICAL INSTITUTE IS EMPLOYING TO MONITOR THE COUNTRY'S RIVERS. BECAUSE OF ITS EFFECTIVENESS IN THE DETECTION OF THERMAL POLLUTION, THE INFRA-RED AERIAL SCANNING SYSTEM IS BEING CONSIDERED AS A POSSIBLE TOOL IN THE MONITORING OF NATIONAL NUCLEAR PROGRAM ACTIVITIES. IT IS UNCERTAIN AT THIS TIME WHETHER THE SURVEILLANCE OF DISCHARGES FROM THE NUCLEAR POWER PLANTS WOULD BE UNDERTAKEN BY EDF (ELECTRICITE DE FRANCE), WHICH THE AUTHOR FEARS WOULD HAVE VESTED INTERESTS IN MINIMIZING THE EXTENT OF REPORTED POLLUTION, OR BY THE MINISTRY FOR THE QUALITY OF LIFE, IN WHICH THE AUTHOR EXPRESSES MORE CONFIDENCE.

FRANCE "SOLVAY: 400 KILOMETERS OF PIPES FOR THE DETOXIFICATION OF SODA PLANTS." LE MONDE

EPA

PM(B) FRENCH 07/02/75 PGS 11 ID# 02906A
TOXIC SUBS

THIS ARTICLE DISCUSSES ALTERNATIVE PROJECTS FOR THE REDUCTION OF CALCIUM CHLORIDE DISCHARGES FROM FRANCE'S TWO LARGEST SODIUM CARBONATE MANUFACTURERS. THESE FACTORIES, LOCATED IN THE NORTHEAST OF FRANCE, DISCHARGE THEIR RESIDUES INTO THE MEURTHE AND MOSELLE RIVERS, WHICH EVENTUALLY FLOW INTO THE NETHERLANDS, WHERE RESULTING HIGH POLLUTION LEVELS HAVE AROUSED PROTEST. A 33 PERCENT REDUCTION OF CALCIUM CHLORIDE DISCHARGES HAS FURTHERMORE BEEN MADE MANDATORY FOR 1980 BY AN INTERNATIONAL CONVENTION ON RIVER POLLUTION. PROJECTS WHICH ARE CONSEQUENTLY BEING CONSIDERED TO ACHIEVE THIS GOAL INCLUDE THE BURYING OF RESIDUES 1000 METERS BELOW GROUND, AN UNDERGROUND PIPELINE EXTENDING TO THE NORTH SEA, AND A DUAL DIRECTIONAL PIPELINE BETWEEN ALSACE AND THE TWO FACTORIES FOR THE EXCHANGE OF RAW MATERIALS AND RESIDUES. THE APPLICABILITY OF THESE PROJECTS IS CONTINGENT ON THE RESULTS OF ONGOING STUDIES SCHEDULED TO EXTEND INTO DECEMBER OF 1975.

FRANCE "EMERGENCY PLAN FOR MARINE POLLUTION." LE MONDE
HUGLO, CHRISTIAN

EPA

PM(B) FRENCH 07/23/75 PGS 16 ID# 02907A

THIS ARTICLE DISCUSSES THE NECESSITY FOR ACTION AIMED AT THE PREVENTION OF MARINE POLLUTION IN FRANCE. EXISTING LEVELS OF POLLUTION ARE ATTRIBUTED BY THE AUTHOR TO DELAYS IN THE ADMINISTRATIVE IMPLEMENTATION OF APPROVED LEGISLATION. THE EXAMPLE CITED IS THE DECEMBER 16, 1964 WATER LAW, FOR WHICH NO IMPLEMENTING ORDERS WERE ISSUED BEFORE 1973, AND FOR WHICH NO CIRCULARS WERE ISSUED PRIOR TO 1975. THIS RELUCTANCE TO IMPLEMENT ANTI-POLLUTION LEGISLATION IS ASSOCIATED WITH ECONOMIC CONSIDERATIONS REGARDED AS INVALID BY THE AUTHOR. A REDUCTION OF POLLUTING DISCHARGESM IF NOT OUTRIGHT PROHIBITION, IS SEEN AS IMPERATIVE, AND RECENT EEC DIRECTIVES AIMED AT SUCH A REDUCTION ARE VIEWED AS A PROMISING PROGRAM OF ENVIRONMENTAL PROTECTION.

WATER

FRANCE "250 PURIFICATION FACILITIES BY 1980." LE FIGARO

EPA

PM(B) FRENCH 06/11/75 PGS 12 ID# 02927A

THIS ARTICLE DISCUSSES A FRENCH PROGRAM OF WATER PURIFICATION TO LIMIT MARINE POLLUTION IN THE LOIRE-BRITTANY BASIN REGION. A DETERIORATION IN THE QUALITY OF SEA WATER IN THESE LITTORAL REGIONS HAS LED TO THE DEVELOPMENT, BY THE BASIN COMMITTEE, OF A PROJECT CALLING FOR AN ADDITIONAL 250 WATER TREATMENT FACILITIES PRIOR TO 1980 FOR A TOTAL COST OF 260 MILLION FRANCS. A COMMITTEE FOR THE STUDY OF PROBLEMS PERTAINING TO THE MARINE ENVIRONMENT HAS BEEN CONSTITUTED TO FORMULATE AN EFFECTIVE POLICY OF LITTORAL PROTECTION WHICH WOULD BE FINANCIALLY ACCEPTABLE TO THE LOCAL AUTHORITIES. A FIRST DECISION BY THE COMMITTEE INVOLVES A 75 PERCENT INCREASE IN BASIN AGENCY FEES PAID BY THE COASTAL MUNICIPALITIES. THIS INCREASE WOULD IN TURN PERMIT COMPARABLE INCREASES IN AGENCY SUBSIDIES.

FRANCE "FRANCE'S LARGEST INDUSTRIAL WASTE DISPOSAL CENTER IS OPENED." LE MONDE
AMBROISE-RENDU, MARC

EPA

PM(B) FRENCH 07/03/75 PGS 21 ID# 02929B
ALSO LRB
*SOLID WASTE TOXIC SUBS

GERMANY,FED REP OF "JULY 10, 1975 ORDINANCE PURSUANT TO...THE LAW REGARDING ENVIRONMENTAL STATISTICS (WASTEWATER HARMFULNESS ORDINANCE)." BUNDESGESETZBLATT

EPA

LR(B) GERMAN 07/17/75 PGS 1895 ID# 02283B

THIS "ORDINANCE PURSUANT TO SECTION 5, PARAGRAPH 3, NO. 1 OF THE LAW REGARDING ENVIRONMENTAL STATISTICS" DEFINES THE PROCESS FOR DETERMINING THE HARMFULNESS OF WASTEWATER IN CONFORMANCE WITH PROVISIONS OF THE LAW. FOR THE SAMPLING YEAR 1975, THE FOLLOWING CONCENTRATIONS ARE TO BE REPORTED: 1) THE PRECIPITABLE MATERIAL AFTER TWO HOURS EXPRESSED IN MILLILITERS PER LITER; 2) THE CHEMICAL OXYGEN DEMAND OF SAMPLES FREED OF PRECIPITABLE MATERIALS BY SEDIMENTATION, EXPRESSED IN MILLIGRAMS PER LITER; AND 3) THE BIOCHEMICAL OXYGEN DEMAND IN FIVE DAYS OF SAMPLES FREED FROM PRECIPITABLE MATERIALS BY SEDIMENTATION, EXPRESSED IN MILLIGRAMS PER LITER. THE SECOND PARAMETER IS TO BE REPORTED INSOFAR AS IT IS MEASURED, BUT PARAMETER THREE MAY IN SOME CASES BE BASED ON PREVIOUS MEASUREMENTS OR OTHER INFORMATION. THE STANDARDS TO BE USED IN EXPRESSING THE RESULTS OF SAMPLING ARE STATED.

WATER

GERMANY,FED REP OF "WASHING AGENT LAW BRINGS COMPETITIVE ADVANTAGES." SUEDDEUTSCHE ZEITUNG
BERGDOLL, UDO EPA
LR(B) GERMAN 06/13/75 PGS 21 ID# 02802B

THIS ARTICLE REPORTS THAT A WASHING AGENT LAW HAS BEEN PASSED BY THE FEDERAL DIET OF THE FEDERAL REPUBLIC OF GERMANY TO LIMIT THE PHOSPHATE CONTENT OF WASHING AND CLEANING AGENTS. THE LAW PROVIDES FOR A GRADUAL REDUCTION OF PHOSPHATE LEVELS IN SUCH AGENTS TO BE PRESCRIBED BY GOVERNMENT ORDINANCE. IT REQUIRES MANUFACTURERS OF WASHING AND CLEANING AGENTS TO REPORT THE NATURE AND QUANTITY OF COMPONENT SUBSTANCES TO THE FEDERAL ENVIRONMENT OFFICE. MOREOVER PACKAGING MUST PROVIDE THE CONSUMER WITH INFORMATION ABOUT CONTENTS AND SUGGESTED QUANTITIES FOR USE WITH FOUR LEVELS OF WATER HARDNESS. WATERWORKS ARE REQUIRED TO MAKE YEARLY REPORTS OF THE HARDNESS LEVEL OF WATER IN THEIR AREAS. IT IS ESTIMATED THAT ADAPTING QUANTITIES USED TO LOCAL WATER CONDITIONS COULD REDUCE POLLUTION FROM WASHING AND CLEANING AGENTS BY ONE-HALF IN SOFT-WATER AREAS AND BY ONE-FOURTH IN AREAS WITH MEDIUM-HARD WATER QUALITY. THE ARTICLE STATES THAT GERMAN INDUSTRY COULD PROFIT BY BEING THE FIRST TO DEVELOP A PHOSPHATE SUBSTITUTE IN RESPONSE TO THIS LAW.

GERMANY,FED REP OF "FEBRUARY 6, 1975 ORDINANCE ON MAXIMUM QUANTITIES OF MERCURY IN FISH, CRUSTACEANS, SHELLFISH AND MOLLUSKS (MERCURY ORDINANCE, FISH)." BUNDESGESETZBLATT I
EPA
LR(A) GERMAN 02/18/75 PGS 485 ID# 02806B

THIS ORDINANCE PASSED PURSUANT TO THE AUGUST 15, 1974 LAW ON FOODSTUFFS AND COMMODITIES FORBIDS THE SALE OF FISH, CRUSTACEANS, SHELLFISH AND MOLLUSKS AS WELL AS PRODUCTS OF THESE FISH FOODS IF THEY CONTAIN MORE THAN ONE PART PER MILLION MERCURY. IN THE CASE OF FISH PRODUCTS WHICH HAVE BEEN ALTERED IN HANDLING OR PROCESSING, THE MERCURY CONTENT IS TO BE CALCULATED ON THE BASIS OF FRESH-FISH WEIGHT. THE ORDINANCE IS TO ENTER INTO FORCE SIX MONTHS AFTER PROMULGATION. FOR FOODSTUFFS WHICH KEEP AT LEAST ONE YEAR AND WHICH WERE PREPARED BEFORE THE PROMULGATION OF THIS ORDINANCE, THE PROVISIONS APPLY AFTER ONE YEAR.

INTERNATIONAL "AMPLE STATUTE WILL REGULATE THE URUGUAY RIVER." EL PAIS
EPA
LR(B) SPANISH 02/23/75 PGS 4 ID# 02905A

THIS ARTICLE REPORTS ON THE INTERNATIONAL STATUTE SIGNED BY THE LEADERS OF ARGENTINA AND URUGUAY TO PROTECT AND REGULATE THE URUGUAY RIVER. PURSUANT TO THE PROVISIONS CONTAINED IN THE URUGUAY RIVER BORDER AGREEMENT, THE STATUTE ESTABLISHES THE NECESSARY MECHANISMS FOR THE RATIONAL AND OPTIMAL USE OF THE RIVER FOR BOTH COUNTRIES. REFLECTING SIMILAR PROVISIONS WHICH HAVE BEEN SUCCESSFUL IN REGULATING THE RIO DE LA PLATA (RIVER PLATE), THE STATUTE ESTABLISHES REGULATIONS CONCERNING NAVIGATION ON THE RIVER, BINATIONAL RIVER WORKS PROJECTS, DREDGING AND SALVAGE OPERATIONS, PROTECTION AND USE OF RIVER RESOURCES, AND THE CONTROL OF RIVER POLLUTION.

WATER

INTERNATIONAL "LIFE FOR THE BALTIC." TRYBUNA LUDU
MIKULANKA, KRYSTYNA
PM(B) ENGLISH 07/29/75 PGS 5 ID# 02925A EPA

THIS ARTICLE, DEALING WITH DETRIMENTAL EFFECTS OF POLLUTION ON MARINE LIFE IN THE BALTIC SEA, NOTES INTERNATIONAL MEASURES UNDERTAKEN TO IMPROVE THE ENVIRONMENT OF THE BALTIC. IN SEPTEMBER 1973, AN INTERNATIONAL CONFERENCE WAS HELD IN GDANSK, POLAND, WHICH RESULTED IN A CONVENTION ON FISHING AND PRESERVATION OF LIVING RESOURCES OF THE BALTIC SEA. IN MARCH 1974, AN INTERNATIONAL CONVENTION ON PROTECTION OF THE MARITIME ENVIRONMENT OF THE BALTIC WAS SIGNED. THIS YEAR, THE COUNTRIES BORDERING ON THE BALTIC - POLAND, THE USSR, THE GERMAN DEMOCRATIC REPUBLIC, FINLAND, SWEDEN, DENMARK, AND THE FEDERAL REPUBLIC OF GERMANY - ARE PARTICIPATING IN AN INTERNATIONAL HYDROLOGICAL RESEARCH PROGRAM ON THE STATE OF POLLUTION OF THE BALTIC, THE PHYSICAL AND CHEMICAL PROPERTIES OF THE SEA, AND ITS CAPACITY FOR SELF-PURIFICATION.

INTERNATIONAL PROCEEDINGS FROM THE SYMPOSIUM ON THE SEAL IN THE BALTIC. JUNE 4-6, 1974, LIDINGO, SWEDEN (STATENS NATURVARDSVERK PM 591)
ST( ) ENGLISH 00/00/75 PGS 1-128 ID# 02922A EPA
TOXIC SUBS

THIS PUBLICATION REPRINTS THE PAPERS PRESENTED AT THE JUNE 4-6, 1974 SYMPOSIUM ON THE SEAL IN THE BALTIC TOGETHER WITH THE RECOMMENDATION FOR COOPERATION ISSUED BY THE PARTICIPANTS AT THE END OF THE SYMPOSIUM. THE SYMPOSIUM WAS ORGANIZED AFTER REPRESENTATIVES OF SEVERAL BALTIC NATIONS HAD EXPRESSED THE DESIRE FOR MORE COORDINATION OF LEGISLATION, RESEARCH AND OTHER PROGRAMS RELATED TO THE SEAL, POSSIBLY WITHIN THE FRAMEWORK OF WORK BEING CARRIED OUT UNDER THE EXISTING BALTIC CONVENTION. TOPICS TREATED BY REPRESENTATIVES FROM CANADA, DENMARK, THE FEDERAL REPUBLIC OF GERMANY, FINLAND, THE NETHERLANDS, SWEDEN, AND THE UNITED KINGDOM WERE: 1) PROTECTION AND LEGISLATION, 2) BIOLOGY OF SEALS, 3) METHODS IN SEAL RESEARCH, 4) HUNTING OF SEALS, AND 5) CONVENTIONS AND SEALS. RELATIVE TO SEAL BIOLOGY, THE EFFECT OF DDT AND PCBS IN SEALS ON SEAL REPRODUCTION IS DISCUSSED.

JAPAN "ORDINANCE OF THE PRIME MINISTER'S OFFICE ON EFFLUENT STANDARDS, NO. 35 OF 1971."
ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP.
LR(A) ENGLISH 00/00/74 PGS 122-131 ID# 00534E EPA

THIS ORDINANCE ESTABLISHES EFFLUENT STANDARDS PURSUANT TO THE WATER POLLUTION CONTROL LAW (NO. 138 OF 1970). PERMISSIBLE CONCENTRATION LIMITS OF VARIOUS POLLUTANTS IN EFFLUENT DISCHARGED BY DESIGNATED ENTERPRISES ARE SET FORTH IN THREE TABLES. THE EFFECTIVE DATE OF THE ORDINANCE IS JULY 24, 1971.

WATER

JAPAN

ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP. EPA
LR(A) ENGLISH 00/00/74 PGS 1-317 ID# 02909A
*GENERAL AIR PESTICIDES SOLID WASTE NOISE

JAPAN

"OCTOBER 5, 1973 LAW NO. 111: POLLUTION-RELATED HEALTH DAMAGE COMPENSATION LAW."
ENVIRONMENTAL LAWS AND REGULATIONS IN JAPAN
JAPAN. ENVIRONMENT AGENCY, COMP. EPA
LR(A) ENGLISH 00/00/74 PGS 12-53 ID# 02955A
*AIR

MEXICO

INSTRUCTIVO IR-2 PARA LLENAR LA SOLICITUD DE REGISTRO DE DESCARGA DE AGUA RESIDUAL (INSTRUCTION IR-2 FOR COMPLETING THE REGISTRATION FORM FOR WASTEWATER DISCHARGES)
MEXICO. SECRETARIAT OF WATER RESOURCES EPA
LR(A) SPANISH 11/14/73 PGS 1-32 ID# 01650E
ALSO PMB

THIS BOOKLET PROVIDES DETAILED INSTRUCTIONS FOR FILLING OUT THE REGISTRATION FORM WHICH MUST BE COMPLETED BY ALL PERSONS RESPONSIBLE FOR WASTEWATER DISCHARGES, OTHER THAN PURELY DOMESTIC ONES, AND SUBMITTED TO THE MEXICAN SECRETARIAT FOR WATER RESOURCES, IN ACCORDANCE WITH ARTICLE SEVEN OF THE REGULATION FOR THE PREVENTION AND CONTROL OF WATER POLLUTION AND AS PART OF THE NATIONAL WATER POLLUTION CONTROL PROGRAM. GENERAL INSTRUCTIONS IN THE BOOKLET DEFINE THE TERM "WASTEWATER DISCHARGE," SPECIFY WHO MUST COMPLETE A REGISTRATION FORM, DESCRIBE THE MANNER AND PLACE OF REGISTRATION, GIVE DEADLINE PERIODS FOR SUBMISSION OF REGISTRATIONS, AND MODIFY REGISTRATIONS OF DISCHARGE SOURCES ALREADY ON RECORD. SPECIFIC INFORMATION TO BE PROVIDED ON THE FORM INCLUDES DESCRIPTIVE INFORMATION ON THE ENTERPRISE IN QUESTION, CHARACTERISTICS OF ORIGINAL WATER USED BY THE ENTERPRISE AND CHARACTERISTICS OF EFFLUENTS DISCHARGED FROM THE ENTERPRISE. A LIST OF REGISTRATION OFFICES IN THE COUNTRY IS GIVEN.

MEXICO

GUIA PARA LA ELABORACION DEL INFORME PRELIMINAR DE INGENIERIA (GUIDE FOR THE PREPARATION OF THE PRELIMINARY ENGINEERING REPORT)
MEXICO. SECRETARIAT OF WATER RESOURCES EPA
LR(B) SPANISH PGS 1-22 ID# 01650F
ALSO PMB

THIS BOOKLET, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, SETS FORTH GUIDELINES FOR THE PREPARATION OF PRELIMINARY ENGINEERING REPORTS ON WATER POLLUTION CONTROL WHICH, IN ACCORDANCE WITH ARTICLE 16 OF THE REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION, MUST BE SUBMITTED BY MARCH 30, 1975 TO THE SECRETARIAT BY ALL PUBLIC AND PRIVATE ESTABLISHMENTS WHOSE WASTEWATER DISCHARGES DO NOT MEET POLLUTION STANDARDS CONTAINED IN THE REGULATION. THE REPORTS MUST CONTAIN DETAILED INFORMATION ON INTERNAL AND EXTERNAL POLLUTION CONTROL OPERATIONS, ACQUISITION OF ANTIPOLLUTION EQUIPMENT, STATUS OF CONSTRUCTION OF POLLUTION CONTROL SYSTEMS, AND THE ESTIMATED DATE WHEN WASTEWATER DISCHARGES WILL CONFORM TO ACCEPTABLE STANDARDS. THESE PRELIMINARY REPORTS, TOGETHER WITH THE PREVIOUS REGISTRATION OF WASTEWATER DISCHARGE SOURCES IN THE COUNTRY, COMPRISE THE FIRST STAGE IN THE NATIONAL PROGRAM TO CONTROL WATER POLLUTION.

WATER

MEXICO

"THE SECRETARIAT OF WATER RESOURCES IN THE PREVENTION AND CONTROL OF WATER POLLUTION (LEGAL ASPECTS)." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 6
DARDON BRAVO, EMILIO EPA
LR(B) SPANISH 11/00/73 PGS 1-24 ID# 02918A
ALSO PMA AND PMB

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES, CITING ENVIRONMENTAL DEGRADATION AND HUMAN HEALTH PROBLEMS CAUSED BY LACK OF OR UNWISE ECONOMIC GROWTH POLICIES, DISCUSSES CURRENT GOVERNMENT POLICY IN MEXICO OF HARMONIZING INDUSTRIALIZATION WITH ADEQUATE ENVIRONMENTAL PROTECTION MEASURES AND ELABORATES ON THE ADMINISTRATIVE ORGANIZATION SET FORTH IN MEXICAN LEGISLATION INTENDED TO RESOLVE WATER POLLUTION PROBLEMS. ACCORDING TO VARIOUS ADMINISTRATIVE AND ENVIRONMENTAL LAWS THE SECRETARIAT OF WATER RESOURCES HAS BEEN ASSIGNED GENERAL RESPONSIBILITY FOR WATER USE ADMINISTRATION AND FOR THE PROTECTION AND USE OF WATER RESOURCES, ALTHOUGH THE SECRETARIATS OF HEALTH AND WELFARE, AGRICULTURE, AND INDUSTRY AND COMMERCE ALSO HAVE SPECIFIC RESPONSIBILITIES PERTAINING TO WATER ADMINISTRATION MATTERS UNDER THEIR RESPECTIVE JURISDICTIONS. AN IN-DEPTH EXPLANATION AND ANALYSIS OF THE REGULATIONS FOR THE PREVENTION AND CONTROL OF WATER POLLUTION IS GIVEN ILLUSTRATING THE ABOVE MENTIONED POINTS.

MEXICO

"CONTROL OF WATER QUALITY FOR DIFFERENT USES." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 3
URROZ JIMENEZ, ELOY EPA
LR(B) SPANISH 05/00/73 PGS 1-28 ID# 02920A
ALSO ST

THIS PUBLICATION DISCUSSES EXISTING AND RECOMMENDED WATER QUALITY STANDARDS FOR DOMESTIC, INDUSTRIAL AND PISCICULTURAL USES IN MEXICO. MEXICAN STANDARDS FOR THE PHYSICAL, CHEMICAL AND BACTERIOLOGICAL CHARACTERISTICS OF POTABLE WATER AS WELL AS STANDARDS FOR CHEMICALLY ENHANCING POTABLE WATER ARE LISTED IN TABLE 1. MEXICAN POTABLE WATER QUALITY STANDARDS ARE CONGRUENT WITH WHO STANDARDS. WHO AND U.S. STANDARDS ARE COMPARATIVELY LISTED IN TABLE 2. TABLES 3 AND 4 GIVE RECOMMENDED STANDARDS FOR SOURCE WATER CAPABLE OF MEETING POTABLE WATER STANDARDS AFTER CONVENTIONAL TREATMENT. TABLES 5, 6, AND 7 SUMMARIZE QUALITY OF WATER NEEDED FOR VARIOUS INDUSTRIAL PROCESSES AS RELATED TO ACTUAL QUALITY OF SOURCE WATER. A GENERAL DISCUSSION OF WATER QUALITY FOR FISHING WATERS INVOLVING OXYGEN CONTENT AND PESTICIDE LEVELS IS ALSO GIVEN IN THE PUBLICATION.

WATER

MEXICO

LEGISLACION RELATIVA AL AGUA Y SU CONTAMINACION (LEGISLATION RELATIVE TO WATER AND ITS POLLUTION)
MEXICO. SECRETARIAT FOR WATER RESOURCES EPA
LR(A) SPANISH PGS 1-154 ID# 02936A
ALSO PMA

THIS BOOK, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, REPRINTS IN FULL THE TEXTS OF THE FOLLOWING WATER AND WATER POLLUTION LAWS OF MEXICO: THE MARCH 28, 1973 REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION; THE MARCH 23, 1971 FEDERAL LAW FOR THE PREVENTION AND CONTROL OF ENVIRONMENTAL POLLUTION; AND THE DECEMBER 30, 1971 FEDERAL WATER LAW. IN ADDITION TO THE REPRINTED TEXTS, CHAPTER TWO OF THE BOOK PROVIDES AN EXPLANATION OF THE REGULATION ON THE PREVENTION AND CONTROL OF WATER POLLUTION, WHICH DELINEATES THE COMPREHENSIVE NATIONAL PROGRAM OF THE SECRETARIAT OF WATER RESOURCES AND THE SECRETARIAT OF HEALTH AND WELFARE TO CONTROL AND ABATE WATER POLLUTION. TABLES ANNEXED TO THE POLLUTION LAWS CONTAIN THE NATIONAL STANDARDS FOR EFFLUENTS AND FOR AMBIENT WATER QUALITY. THE FEDERAL WATER LAW CONTAINS GENERAL PROVISIONS CONCERNING THE ADMINISTRATION, EXPLOITATION, USE, DISTRIBUTION, CONSERVATION, OWNERSHIP AND OTHER LEGAL ATTRIBUTES OF MEXICAN WATER RESOURCES.

MEXICO

NORMAS OFICIALES DE MUESTREO Y ANALISIS DE LABORATORIO PARA AGUAS RESIDUALES (OFFICIAL STANDARDS FOR LABORATORY SAMPLING AND ANALYSIS OF WASTEWATERS)
MEXICO. SECRETARIAT FOR WATER RESOURCES EPA
LR(A) SPANISH 00/00/73 PGS 1-31 ID# 02940A
ALSO ST

THIS BOOKLET, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, REPRINTS THE FOLLOWING OFFICIAL MEXICAN STANDARDS FOR SAMPLING AND DETERMINING THE POLLUTANT CONTENT OF EFFLUENT WASTEWATER: DETERMINATION OF PETROLEUM RESIDUES IN WASTEWATER; DETERMINATION OF PH VALUE OF WASTEWATER; DETERMINATION OF SEDIMENTARY SOLIDS IN WASTEWATER; SAMPLING METHOD FOR WASTEWATER; DETERMINATION OF FLOATING MATERIAL IN WASTEWATER; AND DETERMINATION OF THE TEMPERATURE OF WASTEWATER. THESE STANDARDS, IN ACCORDANCE WITH THE PROVISIONS OF THE 1961 GENERAL WEIGHTS, MEASURES AND STANDARDS LAW, WERE FIRST PROMULGATED IN THE OFFICIAL GAZETTE BY THE SECRETARIAT OF INDUSTRY AND COMMERCE IN THE LATTER PART OF 1973. EACH OF THESE STANDARDS CONTAINS DEFINITIONS OF TERMS, SPECIFIES PROCEDURES FOR SAMPLINGS AND ANALYSIS, LISTS THE NECESSARY TESTING EQUIPMENT AND GIVES A RELEVANT BIBLIOGRAPHY.

WATER

MEXICO "NATIONAL PROGRAM AGAINST WATER POLLUTION." SECRETARIAT OF WATER RESOURCES, VOL. 1, NO. 1
URROZ, JIMENEZ, ELOY EPA
PM(B) SPANISH 01/00/73 PGS 1-11 ID# 02919A
ALSO SE AND LRB

THIS PUBLICATION OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES STATES THAT WATER RESOURCES MUST BE CONSIDERED LIMITED ECONOMIC RESOURCES. STATISTICS ON ENVIRONMENTALLY RELATED ECONOMIC PROBLEMS IN VARIOUS REGIONS OF MEXICO ARE CITED, AND IT IS RECOGNIZED THAT CONTINUING ECONOMIC DEVELOPMENT WILL PUT ADDITIONAL STRAIN ON THE VOLUME AND QUALITY OF THE COUNTRY'S WATER RESOURCES. THE SECRETARIAT FOR WATER RESOURCES HAS ESTABLISHED A NATIONAL PROGRAM UNIFYING AND COORDINATING THE LEGAL, ORGANIZATIONAL, PLANNING, EDUCATIONAL AND ECONOMIC FACTORS NECESSARY FOR THE CONTROL OF WATER POLLUTION. THE FIRST STAGE OF THE PROGRAM REQUIRES REGISTRATION OF WASTEWATER DISCHARGE SOURCES, A SECOND STAGE WILL REQUIRE THE INSTALLATION OF POLLUTION CONTROL SYSTEMS IN WASTEWATER DISCHARGE SOURCES, AND A THIRD STAGE WILL SET STANDARDS FOR THE QUALITY OF WASTEWATER DISCHARGES FROM INDIVIDUAL SOURCES. ADDITIONAL PLANS OF THE SECRETARIAT INCLUDE POLLUTION STUDIES, ENVIRONMENTAL TRAINING, AN ANTIPOLLUTION INDUSTRY, AND REGIONAL POLLUTION CONTROL COOPERATIVES.

MEXICO "CONTROL OF WATER POLLUTION." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 3
URROZ JIMENEZ, ELOY EPA
PM(B) SPANISH 03/00/73 PGS 1-20 ID# 02921A
ALSO SE

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES PROVIDES A REVIEW OF THE PROBLEMS, IMPLICATIONS AND CONSEQUENCES OF WATER POLLUTION AND GIVES SOME OF THE BASIC CRITERIA WHICH MUST BE CONSIDERED IN DEVELOPING POLLUTION CONTROL PROGRAMS ON THE NATIONAL LEVEL. BASIC APPROACHES TO WATER QUALITY CLASSIFICATION AND PROTECTION EMPLOYED BY THE UNITED KINGDOM, FRANCE, SWITZERLAND, BELGIUM, THE SOVIET UNION, CZECHOSLOVAKIA, PERU, NEW ZEALAND, DENMARK, FINLAND AND WHO ARE SUMMARIZED, AND THE FUNDAMENTAL ECONOMIC AND SOCIAL CRITERIA WHICH INFLUENCE ANY NATIONAL APPROACH TO POLLUTION CONTROL ARE LISTED. THE PUBLICATION IDENTIFIES THREE BASIC SYSTEMS OF WATER POLLUTION ADMINISTRATION, AND AFTER A CONSIDERATION OF MEXICAN SOCIAL AND ECONOMIC CHARACTERISTICS, RECOMMENDATIONS FOR THE MOST ADEQUATE NATIONAL WATER POLLUTION CONTROL PROGRAM FOR MEXICO ARE OUTLINED.

WATER

MEXICO

"RESEARCH AND TRAINING IN POLLUTION CONTROL." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL. 2, NO. 2
AGUIRRE MARTINEZ, JORGE
PM(B) SPANISH 03/00/74 PGS 1-13 EPA ID# 02926A
ALSO SE

THIS REPORT, PREPARED BY THE DIRECTOR OF THE RESEARCH AND TRAINING CENTER FOR WATER QUALITY CONTROL (CIECCA), AN AGENCY OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES, DISCUSSES THE WORK BEING REALIZED BY THE CENTER TO DETERMINE WATER QUALITY AND POLLUTION LEVELS IN DIFFERENT WATER BODIES OF THE COUNTRY AND TO FIND THE MOST ADEQUATE ECONOMIC AND TECHNICAL SOLUTIONS FOR THE TREATMENT AND REUSE OF WASTEWATER. WATER QUALITY AND POLLUTION STUDIES HAVE BEEN CONCLUDED FOR THE IMPORTANT MEXICAN RIVERS, AND SIMILAR STUDIES OF LAKE CHAPALA, ALVARDO LAGOON AND ACAPULCO BAY ARE BEING COMPLETED. LABORATORY MODELS AND COST ESTIMATES HAVE BEEN MADE FOR THE VARIOUS METHODS OF WASTEWATER TREATMENT, AND TESTS TO ASCERTAIN THE FEASIBILITY OF USING WASTEWATER FOR IRRIGATION PURPOSES ARE BEING CARRIED OUT. REGIONAL WATER QUALITY LABORATORIES ARE BEING SET UP TO SERVE AS A NATIONAL WATER QUALITY CONTROL NETWORK. THE REPORT ALSO PROVIDES STATISTICS REGARDING WATER QUALITY TRAINING IMPARTED TO REPRESENTATIVES OF GOVERNMENT AND INDUSTRY.

MEXICO

"ECOLOGICAL REPERCUSSIONS OF WATER POLLUTION." SECRETARIAT FOR WATER RESOURCES TECHNICAL PUBLICATION, VOL. 1, NO. 4
URROZ JIMENEZ, ELOY
PM(B) SPANISH 07/00/73 PGS 1-11 EPA ID# 02932A
ALSO SE

THIS PUBLICATION OF THE MEXICAN SECRETARIAT FOR WATER RESOURCES REGARDS WATER POLLUTION AS AN IMPORTANT CONSIDERATION IN WATER USE PLANNING. ADEQUATE PLANNING SHOULD PROVIDE FOR THE OPTIMUM HUMAN USE OF WATER RESOURCES AS WELL AS FOR THE PRESERVATION OF ECOLOGICAL BALANCES. IN ORDER TO ENSURE THE COMPATIBILITY OF ECONOMIC AND ENVIRONMENTAL CONCERNS, THREE PRINCIPLES OF POLLUTION CONTROL ARE SEEN AS NECESSARY CONSIDERATIONS IN DEVELOPMENTAL ACTIVITIES: PREVENTION OF ACCIDENTAL POLLUTION; THE REALIZATION THAT TRADITIONAL ECONOMIC BENEFITS USUALLY ARE IN DIRECT PROPORTION TO THE DEGREE OF ENVIRONMENTAL DETERIORATION; AND THE REALIZATION THAT AN EQUITABLE BALANCE BETWEEN ENVIRONMENTAL PROTECTION AND ECONOMIC GROWTH MUST BE MAINTAINED BY LAWS, CONTROLLED THROUGH SCIENTIFICALLY ESTABLISHED MEASURES, AND SUPPORTED BY AN ENLIGHTENED PUBLIC. THE PUBLICATION SUMMARIZES VARIOUS WATER POLLUTION STUDIES AND OTHER ACTIVITIES OF THE SECRETARIAT OF WATER RESOURCES DIRECTED TOWARD PLANNING FOR THE BEST USE AND PROTECTION OF MEXICO'S WATER RESOURCES.

WATER

MEXICO
"CONTROL OF WATER POLLUTION IN THE CHEMICAL INDUSTRY." SECRETARIAT OF WATER RESOURCES TECHNICAL PUBLICATION, VOL 1, NO. 5
URROZ JIMENES, ELOY
SE( ) SPANISH 09/00/73 PGS 1-28 EPA ID# 02911A
ALSO ST

THIS REPORT, PUBLISHED BY THE MEXICAN SECRETARIAT FOR WATER RESOURCES, DESCRIBES THE ECONOMIC ASPECTS OF EFFICIENT WATER POLLUTION CONTROL IN CHEMICAL PLANTS AND DISCUSSES CRITERIA FOR SELECTING THE BEST METHODS OF WASTEWATER TREATMENT. CONCEPTS OF POLLUTION COSTS ARE GIVEN, INCLUDING THE REGIONAL SYSTEM FOR WATER QUALITY CONTROL, WHICH PERMITS INDUSTRIALISTS TO POOL THEIR RESOURCES IN COOPERATIVE WASTE TREATMENT SYSTEMS. GENERAL DESCRIPTIONS AND ILLUSTRATIONS OF PRIMARY, SECONDARY AND ADVANCED TREATMENTS OF WASTEWATER ARE GIVEN. THE REPORT CONCLUDES THAT APPROPRIATE TREATMENT PROCESSES CAN ONLY BE CHOSEN AFTER CAREFUL CONSIDERATION OF THE ECONOMIC AND TECHNICAL FACTORS INVOLVED IN OBTAINING ADEQUATE PURIFICATION OF WASTEWATER FROM ANY PARTICULAR FACTORY.

OMAN
"MARINE POLLUTION CONTROL LAW." SUPPLEMENT OF OMAN NEWS, NO. 5/75
LR(A) ENGLISH 06/00/75 PGS 3-9 EPA ID# 02934A

THIS LAW, WHICH BECOMES EFFECTIVE ON JANUARY 1, 1975, MAKES IT UNLAWFUL FOR PERSONS TO DISCHARGE POLLUTANTS INTO THE TERRITORIAL WATERS OF THE SULTANATE OF OMAN FROM A VESSEL, A LAND LOCATION, OR AN OIL TRANSMISSION APPARATUS. SHIPS REGISTERED IN OMAN ARE ALSO PROHIBITED FROM MAKING SUCH DISCHARGES IN AREAS BEYOND THE TERRITORIAL WATERS. FINES ARE STIPULATED FOR OFFENSES AGAINST THESE PROVISIONS, AND CIRCUMSTANCES UNDER WHICH EXEMPTIONS MAY BE ALLOWED ARE ALSO LISTED. THE LAW ALSO REQUIRES ALL SHIPS TO KEEP OIL RECORD BOOKS. FOR THE PURPOSE OF ENFORCEMENT, THE MINISTER OF COMMUNICATIONS AND PUBLIC SERVICES OR POLLUTION CONTROL OFFICERS DESIGNATED BY HIM ARE AUTHORIZED TO: CONSTRUCT AND MAINTAIN POLLUTION RECEPTION FACILITIES AND PROMULGATE REGULATIONS REGARDING THEUR USE; SPECIFY POLLUTION-CONTROL EQUIPMENT TO BE MAINTAINED ON SHIPS; BOARD VESSELS; SEIZE VESSELS IF NECESSARY; AND MAKE ARRESTS. PERSONS CAUSING POLLUTION ARE TO BE RESPONSIBLE FOR COSTS OF CORRECTIVE MEASURES UP TO STIPULATED AMOUNTS.

SWEDEN
METHODS OF PHYTOPLANKTON INVESTIGATIONS (STATENS NATURVARDSVERK PM 525)
WILLEN, EVA
ST( ) SWEDISH 00/00/74 PGS 1-45 EPA ID# 02899A

THIS PUBLICATION REVIEWS METHODS FOR SAMPLING PHYTOPLANKTON TO DETERMINE SPECIES COMPOSITION (QUALITATIVE ANALYSIS) AND TO DETERMINE THE STANDING CROP (QUANTITATIVE ANALYSIS). IT DESCRIBES A SIMPLIFIED METHOD OF COUNTING IN THE MICROSCOPE AND THE USE OF A SEMI-QUANTITATIVE METHOD TO QUICKLY SURVEY PHYTOPLANKTON CONTENT IN A SAMPLE. A STATISTICAL EVALUATION TO ESTIMATE AND CHECK THE ERROR OF PHYTOPLANKTON COUNTINGS IS ALSO DESCRIBED. THE PUBLICATION INCLUDES A LITERATURE LIST AND ENGLISH AND SWEDISH SUMMARIES.

WATER

SWEDEN

LIMNOLOGICAL STUDIES OF GALTEN AND BLACKEN, LAKE MALAREN, JULY 1965-1970 (STATENS NATURVARDSVERK PM 393)
WILLEN, TORBJORN AND OTHERS
EPA
ST( ) SWEDISH 00/00/73 PGS 1-56 ID# 02902A

THIS PUBLICATION REPORTS RESULTS OF INVESTIGATIONS OF WATER QUALITY IN GALTEN AND BLACKEN BAYS IN THE WESTERN PART OF LAKE MALAREN (WEST OF STOCKHOLM). SAMPLES WERE COLLECTED FROM SEVERAL CLOSELY SPACED STATIONS AT A DEPTH OF ONE METER EACH MID-JULY FROM 1965 TO 1970. THE BAY OF VASTERAS WAS INCLUDED IN THE SAMPLING IN 1969 AND 1970. WATER WAS TESTED FOR VARIOUS CHEMICAL-PHYSICAL FACTORS, BACTERIA, PHYTOPLANKTON AND CHLOROPHYLL CONTENT. IN 1965, 1966, AND 1968 PRIMARY PRODUCTION RATES WERE ESTIMATED FOR ONE STATION IN BLACKEN BAY. TESTING RESULTS SHOW THE REGIONAL DISTRIBUTION OF MEASURED PARAMETERS AND THE CHANGE IN WATER QUALITY FROM YEAR TO YEAR. THE STUDIES REVEALED IMPROVED WATER QUALITY AS THE WATER FLOWED FROM GALTEN BAY TO THE MIDDLE OF BLACKEN BAY. ALSO PERCEPTIBLE WAS A SLIGHT IMPROVEMENT IN WATER QUALITY OVER THE YEARS. THE PUBLICATION PROVIDES ENGLISH AND SWEDISH SUMMARIES.

SWEDEN

THE BY FJORD: SEDIMENTS, SEDIMENTATION AND GEOCHEMISTRY (STATENS NATURVARDSVERK PM 564)
OLAUSSON, ERIC
EPA
ST( ) SWEDISH 00/00/75 PGS 1-30 ID# 02912A

THIS PUBLICATION DISCUSSES A STUDY OF THE SEDIMENTS, SEDIMENTATION, AND GEOCHEMICAL FEATURES OF THE BY FJORD, A BODY OF WATER OFF THE CITY OF UDDEVALLA, 80 KILOMETERS NORTH OF GOTEBORG. THE FJORD'S BOTTOM WATER IS STAGNANT AND HAS BEEN SO FOR THE LAST TWO TO THREE THOUSAND YEARS. AFTER A GENERAL ORIENTATION INTO THE CHARACTERISTICS OF THE FJORD, THE BOOKLET DEVOTES SECTIONS TO THE PURPOSE AND METHODS OF THE STUDY, THE RATE OF SEDIMENT ACCUMULATION, AND CARBON, NITROGEN, PHOSPHATE, AND HEAVY METAL (COBALT, NICKEL, LEAD, ZINC, COPPER, MERCURY) CONTENT. OTHER SECTIONS DISCUSS THE RATIOS OF CERTAIN ELEMENTS, FOR EXAMPLE CARBON AND NITROGEN, CARBON AND PHOSPHOROUS, AND COPPER AND ZINC. SWEDISH AND ENGLISH SUMMARIES PREFACE THE DISCUSSION. THE STUDY WAS PARTIALLY SUBSIDIZED BY A GRANT FROM THE RESEARCH COMMITTEE OF THE NATIONAL SWEDISH ENVIRONMENT PROTECTION BOARD.

SWEDEN

THE BY FJORD: ECOLOGICAL INVESTIGATIONS ON ZOOPLANKTON, BENTHIC MEIO- AND MACROFAUNA AND BACTERIA (STATENS NATURVARDSVERK PM 568)
OLUNDH, EVA AND OTHERS
EPA
ST( ) SWEDISH 00/00/75 PGS 1-94 ID# 02913A

THIS PUBLICATION DESCRIBES INVESTIGATIONS CONDUCTED IN THE BY FJORD, A POLLUTED SILL FJORD OFF THE COAST OF THE CITY OF UDDEVALLA, IN THE YEARS 1970-1973. SEPARATE SECTIONS OF THE BOOKLET, EACH BY AN INDIVIDUAL AUTHOR, TREAT: 1) ZOOPLANKTON, 2) BENTHIC MEIOFAUNA, 3) BENTHIC MACROFAUNA, AND 4) BACTERIA. A CONCLUDING DISCUSSION DEALS WITH: 1) THE FAUNA IN RELATION TO OXYGEN CONCENTRATION AND 2) BIOMASS AND SECONDARY PRODUCTION. SECTIONS ONE THROUGH THREE INCLUDE CONSIDERATION AMONG OTHER THINGS OF COMPOSITION AND NUMBER, DISTRIBUTION (VERTICAL AND FJORD-WIDE), BIOMASS, PRODUCTION, AND SEASONAL VARIATIONS. BOTH PELAGIC AND SEDIMENT BACTERIA ARE DISCUSSED IN SECTION FOUR. THE PUBLICATION PROVIDES ENGLISH AND SWEDISH SUMMARIES AS WELL AS A TABLE OF CONTENTS IN BOTH ENGLISH AND SWEDISH.

WATER

SWEDEN

THE BY FJORD: STUDIES OF WATER EXCHANGE AND MIXING PROCESSES (STATENS NATURVARDSVERK PM 594)
GORANSSON, C-G AND TORBJORN SVENSSON EPA
ST( ) SWEDISH 00/00/75 PGS 1-152 ID# 02914A

THIS PUBLICATION DISCUSSES INVESTIGATIONS OF WATER EXCHANGE AND MIXING PROCESSES IN THE BY FJORD, NEAR THE SWEDISH TOWN OF UDDEVALLA, CONDUCTED FROM 1970-1974. WATER EXCHANGE PROCESSES WERE STUDIED BY MEANS OF TRACER EXPERIMENTS (USING RHODAMINE B), CURRENT MEASUREMENTS, AND A CONTINUOUS SERIES OF SALINITY AND TEMPERATURE MEASUREMENTS. PERTINENT EXTERNAL PARAMETERS, SUCH AS WIND, WATER LEVEL FLUCTUATIONS, AND FRESH-WATER INFLOW AT THE HEAD OF THE FJORD WERE ALSO MEASURED. A LONG-TERM EXPERIMENT WAS PERFORMED IN THE DEEP WATER FOR MORE THAN TWO YEARS. A ONE-DIMENSIONAL DIFFUSION MODEL AND A SIMPLE BOX MODEL WERE EVOLVED TO DESCRIBE THE LONGITUDINAL MIXING AND EXCHANGE OF CONSTITUENTS OF THE SURFACE LAYER. THE WATER EXCHANGE MODELS WERE APPLIED TO SEWAGE DISCHARGES INTO THE SURFACE AND INTO THE DEEP WATER. THE PUBLICATION PROVIDES INITIAL SUMMARIES, TABLES OF CONTENTS, DIAGRAM AND CHART LABELS AND TABLES OF SYMBOL EXPLANATIONS IN BOTH ENGLISH AND SWEDISH. THERE IS AN EXTENSIVE TABLE OF LITERATURE REFERENCES.

SWEDEN

REGIONAL AND TEMPORAL DISTRIBUTION OF PHYTOPLANKTON IN LAKE MALAREN 1965-1972 (STATENS NATURVARDSVERK PM 526)
TIREN, TORBJORN EPA
ST( ) SWEDISH 00/00/74 PGS 1-60 ID# 02916A

THIS PUBLICATION REVIEWS REGIONAL AND TEMPORAL VARIATIONS OF PHYTOPLANKTON IN CENTRAL SWEDEN'S LAKE MALAREN DURING THE PERIOD 1965-1972. RESULTS FOR 11 LOCATIONS REPRESENTING ALL PARTS OF THE LAKE ARE PRESENTED IN THE FORM OF DIAGRAMS. THE QUANTITY AND RELATIVE COMPOSITION OF INDIVIDUAL SAMPLES PLUS THE MEAN VALUES FOR AN INDIVIDUAL YEAR AND FOR THE ENTIRE EIGHT-YEAR PERIOD ARE GIVEN. THE RELATIONSHIP BETWEEN PHYTOPLANKTON BIOMASS AND PHOSPHORUS AND NITROGEN CONTENT OF THE AREAS OF THE LAKE ARE DISCUSSED. THE PUBLICATION PROVIDES SWEDISH AND ENGLISH SUMMARIES AND A BIBLIOGRAPHY.

SWEDEN

CONTROLLING THE BROAD TAPEWORM, DIPHYLLOBORTHRIUM LATUM (L.) (STATENS NATURVARDSVERK PM 460)
ALMER, BRODDE EPA
ST( ) SWEDISH 00/00/74 PGS 1-30 ID# 02917A

THIS PUBLICATION DISCUSSES THE SPREAD AND SUBSEQUENT CONTROL OF THE BROAD TAPEWORM IN LAKE SALBOSJON (COUNTY OF OREBRO) AND LAKE IVOSJON (NEAR KRISTIANSTAD IN SOUTHERN SWEDEN). HUMANS ARE INFECTED PRIMARILY BY EATING RAW OR SEMIRAW FISH DELICACIES (FOR EXAMPLE, CERTAIN TYPES OF CAVIAR) OR POORLY COOKED FISH. PRIMARY SOURCES OF THE PARASITE EGGS WERE FOUND TO BE OLD-FASHIONED LOCAL PURIFICATION PLANTS OR PRIVATE HOMES. PLANKTONIC CRUSTACEANS AND FRESHWATER FISH SERVED AS INTERMEDIATE HOSTS. IN 1965-1966, IT WAS FOUND THAT IN LAKE IVOSJON THE INFECTIONS ORGINATED IN THE TOWN OF OLOFSTROM. AFTER A PROVISIONAL PURIFICATION PLANT WAS BUILT IN THIS TOWN IN 1968 AND A CHEMICAL PURIFICATION PLANT WAS ESTABLISHED IN THE TOWN OF JAMSHOG IN 1970, THE INFECTION RATE OF FISH IN LAKE IVOSJON DROPPED CONSIDERABLY AS DID THE NUMBER OF LARVAE PER FISH. STUDIES OF THE JAMSHOG PURIFICATION PLANT IN 1972-1973 SHOWED AN ALMOST 100 PERCENT REDUCTION OF PARASITE EGGS. THE BOOKLET PROVIDES ENGLISH AND SWEDISH SUMMARIES AND A BIBLIOGRAPHY.

WATER

USSR "NEW REGULATIONS FOR THE PROTECTION OF THE BAIKAL." NUISANCES ET ENVIRONNEMENT, NO. 40

EPA
LR(B) FRENCH 05/00/75 PGS 15 ID# 02898A
GENERAL

THE USSR MINISTER OF WATER IMPROVEMENT AND MANAGEMENT IS REPORTED TO HAVE PROMULGATED A LEGAL DOCUMENT ENTITLED "PROVISIONAL RULES FOR THE PROTECTION OF LAKE BAIKAL AND THE NATURAL RESOURCES OF THE BAIKAL BASIN." THIS NEW STATUTE SUPPLEMENTS EXISTING LEGISLATION WITH MORE RIGOROUS REGULATIONS AS WELL AS ASSEMBLING PREVIOUS PERTINENT DECREES INTO A SINGLE DOCUMENT. THE STATUTE IS REGARDED AS A SIGNIFICANT REGIONAL ACHIEVEMENT DUE TO THE EXTENSIVE LAND AREA WHICH IS INVOLVED AND THE DEGREE OF SCIENTIFIC RESEARCH WHICH HAS PRECEDED ENACTMENT. PROVISIONS OF THE TEXT PROSCRIBE ALL DISCHARGES OF WASTEWATERS INTO THE LAKE OR ANY OF ITS TRIBUTARIES, AND MAKE INDUSTRIAL PURIFICATION SYSTEMS MANDATORY. THE APPLICATION OF THESE NEW REGULATIONS IS EXPECTED TO ENSURE AN EFFECTIVE WATER QUALITY CONSERVATION POLICY.

USSR "AFTER TWO YEARS." MEDITSINSKAYA GAZETA
SNEGIREV, V.
EPA
LR(B) RUSSIAN 08/01/75 PGS 2 ID# 02910A

THIS ARTICLE REPORTS IMPLEMENTATION BY THE KUYBYSHEV DISTRICT OF THE USSR OF THE DECREE ISSUED BY THE CENTRAL COMMITTEE OF THE COMMUNIST PARTY AND THE COUNCIL OF MINISTERS "ON MEASURES FOR PREVENTING POLLUTION OF THE VOLGA AND URAL RIVER BASINS FROM UNPURIFIED SEWAGE." THE DECREE CALLED FOR THE BUILDING OF 11 INDUSTRIAL WATER PURIFICATION STATIONS AND 5 MUNICIPAL PURIFICATION STATIONS IN THE DISTRICT, TEN OF WHICH ARE ALREADY IN OPERATION. THERE IS PRESENTLY A TOTAL OF 180 WATER PURIFICATION INSTALLATIONS IN THE KUYBYSHEV DISTRICT, BY WHICH WASTEWATER FROM ALL THE LARGE INDUSTRIAL CENTERS OF THE AREA IS COMPLETELY OR PARTIALLY PURIFIED. MANY EFFECTIVE MEASURES HAVE ALSO BEEN TAKEN TO REDUCE OIL POLLUTION OF THE VOLGA BY OIL TANKERS FROM THE CITY OF KUYBYSHEV. THE ENFORCEMENT OF WATER PROTECTION MEASURES IN THE DISTRICT IS CARRIED OUT BY THE DISTRICT COMMITTEE OF THE COMMUNIST PARTY AND THE REGIONAL EXECUTIVE COMMITTEE, WHICH MAY ALSO ISSUE ADDITIONAL RELATED DECREES.

YUGOSLAVIA "THE ENVIRONMENT CLAIMS ITS OWN." RUDE PRAVO
HROBAR, JAN
EPA
PM(A) CZECH 07/19/75 PGS 6 ID# 02949A
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