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CUSTOM REPORT SELECTION

* CROTTY DAM DEWATERING OUTLET SHAFT

No: 08398

	QUEENSTOWN
	AUSTRALIA
Owner	HYDRO ELECTRICITY COMMISSION OF TASMANIA
Designer	HYDRO ELECTRICITY COMMISSION
Applicator	HYDRO ELECTRICITY COMMISSION OF TASMANIA
Proj. Type	DAMS
Total	1600 SQ. METERS

* OVERFLOW SPILLWAY RECONSTRUCTION

No: 03077

	AUSTRALIA
Owner	STATE ELECTRIC COMMISSION
Contractor	S.E.C.V.
Applicator	S.E.C.V.
Proj. Type	DAMS
Completed	1988
Comments	THE OVERFLOW SPILLWAY HAD BECOME POROUS. THE AFFECTED CONCRETE WAS REMOVED & REPLACED WITH XYCRYLIC ADMIX, MODIFIED & ULTRA PLUG. THE REPAIRED AREA WAS THEN OVERCOATED WITH XYPEX CONCENTRATE.

* PAVEZ CHAIRA DAM

No: 09834BGR102

	BULGARIA
Owner	HYDROINVEST
Contractor	N E K AD "HYDROELEKTROINVEST" - SESTRIMO
Applicator	IBIS
Proj. Type	DAMS
Completed	10/20/93
Comments	REPAIR TO THE DAM WALL WAS MADE FROM THE INSIDE AGAINST EXTREME HYDROSTATIC PRESSURE. LEAKING WAS STOPPED SUCCESSFULLY BY THE USE OF XYPEX CONCENTRATE AND PATCH 'N PLUG.

* KURDJALY DAM

No: 09835BGR103

Owner	BULGARIA
Contractor	HYDROINVEST
Applicator	"JASOVIRY" CO.
Proj. Type	ING. ZAHARIEV
Total	DAMS
Completed	350 SQ METRES
Comments	05/10/94
	DUE TO TEMPERATURE FLUCTUATION AND EXTREME WATER PRESSURE, TWO LIFT-SHAFTS SHOWED SIGNS OF LEAKAGE. XYPEX CONCENTRATE AND PATCH 'N PLUG WERE USED TO REPAIR AND WATERPROOF THE CONCRETE SURFACE FROM THE INSIDE.

* PEACE RIVER HYDRO ELECTRIC PROJECT

No: 02197

	HUDSON HOPE, BRITISH COLUMBIA
	CANADA
Designer	B.C. HYDRO & POWER AUTHORITY
Contractor	ATKINSON - COMMONWEALTH
Proj. Type	DAMS
Total	10,000 LBS
Comments	XYPEX WAS APPLIED TO CONCRETE ROOF PANELS OF THE HOIST HOUSE AND TO OTHER AREAS AS DIRECTED BY THE ENGINEER.

* MICA CREEK DAM

No: 02198

	MICA CREEK, BRITISH COLUMBIA
	CANADA
Owner	B.C. HYDRO & POWER
Designer	B.C. HYDRO & POWER AUTHORITY
Contractor	CANA CONSTRUCTION
Applicator	CANA CONSTRUCTION
Proj. Type	DAMS
Completed	1977
Comments	XYPEX USED TO SEAL CONCRETE SURFACES IN SWITCHGEAR AND GENERATOR STRUCTURES. ALSO USED FOR CRACK REPAIR. THE FACE OF THE SPILLWAY ALSO REPAIRED.

* REVELSTOKE CANYON DAM

No: 02207

	REVELSTOKE, BRITISH COLUMBIA
	CANADA
Designer	B.C. HYDRO & POWER AUTHORITY
Contractor	DALCAN CONSTRUCTION CO.
Proj. Type	DAMS
Total	27,000 SQ FT
Completed	1981

* GREATER VANCOUVER WATER DISTRICT

No: 02202

	VANCOUVER, BRITISH COLUMBIA
	CANADA
Proj. Type	DAMS
Comments	THE CLEVELAND DAM IN THE CAPILANO CANYON HAD A CAPILLARY LEAK FOR 7 YEARS AND SUPT. JIM DONALLY STOPPED IT WITH XYPEX (INSIDE APPLICATION AGAINST PRESSURE).

* HULL POWERHOUSE SOUTH FOREBAY WALL REPAIR

No: 08225

	HULL, QUEBEC
	CANADA
Owner	E.B. EDDY
Designer	ACRES INTERNATIONAL
Applicator	VECTOR CONSTRUCTION
Proj. Type	DAMS
Comments	XYPEX ADMIX C-2000 WAS INCORPORATED INTO THE GROUT WHICH WAS PUMPED INTO THE CAVITY BETWEEN A STEEL PLATE AND THE DAM'S UPSTREAM CONCRETE FACE. THIS STRUCTURE IS SUBMERGED AND THE GROUT WAS PUMPED INTO THE CAVITY TO DISPLACE WATER AND PROVIDE PROTECTION FOR THE STRUCTURE WITH THE ADMIX CREATING A WATERPROOF BARRIER.

* NIPAWIN HYDRO ELECTRIC PROJECT

No: 02318

	NIPAWIN, SASKATCHEWAN
	CANADA
Designer	CRIPPEN ACRES
Contractor	K.A.C.R. (JOINT VENTURE)
Proj. Type	ROOF DECKS
	DAMS
Total	1,000 LBS
Completed	1984
Comments	MISCELLANEOUS AREAS INCLUDING VEHICLE RAMPS.

* GRIMSEL AREA DAM SYSTEM

No: 02199

	GRIMSEL
	SWITZERLAND
Owner	KWO KRAFTWERKE OBERHASLI AG
Designer	IUB INGENIEUR UNTERNEHMUNG AG BERN
Proj. Type	DAMS
	NUCLEAR & POWER GENERATING STATIONS
Comments	SEVERAL DAMS WITHIN GRIMSEL SYSTEM RECEIVED XYPEX TREATMENT ON SUCH AREAS AS CONCRETE TUNNELS, VALVE HOUSES, POWER HOUSES, WATER RESERVOIR, ENTRANCEWAY, RETAINING WALLS, CHANNELS, TRANSFORMER STATIONS AND PITS, AND AIR CONDITIONING AND MACHINE ROOMS.

* MICHELBACH DAM

No: 02460

	MICHELBACH
	SWITZERLAND
Contractor	THANET
Proj. Type	DAMS
Comments	REPAIR OF WATER INFLUXES IN THE ACCESS LEVEL AT THE BOTTOM OF THE DISCHARGE TOWER AT 20 M BELOW THE WATER LEVEL.

* LONG-YAN XI-BIN HYDROELECTRIC DAM

No: 10311

	FU JIAN PROVINCE
	PEOPLE'S REP. OF CHINA
Owner	FU JIAN LONG-YAN XI-BIN HYDROELECTRIC
Designer	QING-HUA UNIVERSITY
Contractor	GE-ZOU-BA GROUP NO. 9 COMPANY
Applicator	GE-ZOU-BA GROUP NO. 9 COMPANY
Proj. Type	DAMS
	NUCLEAR & POWER GENERATING STATIONS
Total	2,840 SQ METRES
Completed	Jan. 1996
Comments	XYPEX CONCENTRATE WAS APPLIED TO THE POSITIVE SIDE OF THIS VERY HIGH PROFILE DAM. PATCH 'N PLUG WAS USED TO REPAIR ALL CRACKS.

* GUANG XI TIAN-SHEN-QIAO HYDRO-ELECTRIC STATION

No: 10540

	GUANG XI
	PEOPLE'S REP. OF CHINA
Owner	W.J. WATER & ELECTRICITY HEADQUARTERS
Contractor	W.J. WATER AND ELECTRICITY HEADQUARTERS
Applicator	W.J. WATER & ELECTRICITY HEADQUARTERS
Proj. Type	DAMS
	NUCLEAR & POWER GENERATING STATIONS
Total	5,984 SQ METRES
Completed	Dec. 1994
Comments	CRACK REPAIRS WERE CARRIED OUT USING XYPEX PATCH 'N PLUG. FOLLOWED BY A COATING OF XYPEX CONCENTRATE OVER THE REPAIRED PORTIONS.

* PRESA DE VAULE-PERIPA

No: 08121

	MANUBI PROVINCE
	ECUADOR
Owner	C.E.D.E.G.E.
Designer	TAMS ENGINEERING
Contractor	CONSTRUCTORA AGROMAN
Proj. Type	DAMS
	TUNNELS & SUBWAY SYSTEMS
Total	18,000 METERS
Comments	XYPEX USED TO PREVENT DETERIORATION OF THE CONCRETE IN THE DIVERSION TUNNEL CAUSED BY "GAS SULFIDRICO" PRODUCED BY THE DECOMPOSITION OF "LECHUGIN", A PLANT FOUND IN THOSE WATERS.

* HAYASENO DAM AND TORIMIZU TUNNEL

No: 02864

	AOMORI PREF.
	JAPAN
Contractor	TAISEI BUILDING COMPANY
Proj. Type	TUNNELS & SUBWAY SYSTEMS
	DAMS
Completed	1985

* ASASE ISHIKAWA DAM

No: 02703

	MIYAGI PREF.
	JAPAN
Owner	TOHOKU ELECTRIC POWER CO
Applicator	AOMORI XYPEX CO, LTD
Proj. Type	DAMS
Total	100 METERS
Completed	1985

* MILL DAM

No: 10658POL112

	DOBRZEN
	POLAND
Owner	ODGW O/POLE
Designer	BUDOINIEKT
Contractor	BUDOINIEKT
Applicator	BUDOINIEKT
Proj. Type	DAMS
Total	25.5 SQ METRES
Completed	Sept.1996
Comments	THE GALLERY WALLS OF THIS DAM WAS SUBJECT TO LEAKAGE DUE TO HYDROSTATIC PRESSURE. XYPEX PATCH 'N PLUG AND CONCENTRATE WAS APPLIED TO PREVENT FURTHER INFILTRATION.

* ZAWADA MILL-DAM

No: 10664POL118

	ZAWADA
	POLAND
Designer	BUDOINIEKT
Contractor	BUDOINIEKT
Applicator	BUDOOINIEKT
Proj. Type	DAMS
Total	75 SQ METRES
Completed	April 1996
Comments	THE PIPE GALLERY OF THIS DAM WAS SUBJECT TO LEAKAGE DUE TO HYDROSTATIC PRESSURE. XYPEX CONCENTRATE WAS APPLIED TO THE INTERIOR SURFACES AND PREVENTED FURTHER INFILTRATION.

* RIUSOR DAM-BOTTOM OUTLET VALVE CHAMBER ACCESS SHFT

No: 11116ROM115

	AMPLASARE, ARGES CO.
	ROMANIA
Owner	ROMANIAN WATER AUTHORITY PITESTI BRANCH
Designer	INSTITUTE FOR HYDROPOWER STUDIES & DESIGN
Contractor	HYDROCONSTRUCTIA
Applicator	S.C. REXIMACO S.R.L.
Proj. Type	DAMS
Total	3,000 KGS
Completed	1994
Comments	LEAKAGE OF SOME 20 LTR/SECOND FROM ADJOINING RESERVOIR WAS TACKLED BY GROUTING WHICH REDUCED IT TO 3 LTR / SECOND. THIS QUANTITY STILL IMPEDED NORMAL O&M PROCEDURE OF HYDRO-MECHANICAL EQPT. IN VALVE CHAMBER OF THE DAM BOTTOM OUTLET. XYPEX USED TO ELIMINATE RESIDUAL LEAKAGE. WTPFG. WORK CARRIED OUT FROM PLATFORM ACTUATED BY VALVE CHAMBER HOIST.

* COLIBITA DAM - GATEHOUSE

No: 11121ROM120

	ROMANIA
Owner	R.A.A.R. CLUJ
Applicator	S.C. REXIMACO, S.R.L.
Proj. Type	DAMS
Completed	1996

* COMPLEX GABCIKOVO - WATER DAM

No: 10523SVR101

	GABCIKOVO
	SLOVAK REPUBLIC
Owner	VODOHOSPODARSKA VYSTAVBA
Applicator	HYDROSTOP S.R.O.
Proj. Type	DAMS
	VAULTS & ELEVATOR PITS
Total	935 SQ METRES
Completed	1996/1997
Comments	THE DANUBE RIVER WAS DAMMED IN 1992, CREATING COMPLEX GABCIKOVO. OTHER WPG. METHODS WERE UNSUCCESSFUL. XYPEX WAS TESTED IN '96 IN THE EQUIP. ROOM SITUATED APPROX. 21 M. UNDER WATER. 50 M. OF JOINTS WERE TREATED WITH PATCH 'N PLUG AND 250 SQM. WITH CON. DUE TO SUCCESS OF XYPEX THE PROJECT WAS COMPLETED IN 1996: 835 M. JOINTS & 935 SQM. OF SURFACE.

* RIVER DAM ZILINA

No: 10548SVR109

	ZILINA
	SLOVAK REPUBLIC
Owner	WATERWORKS CONSTRUCTION BRATISLAVA
Contractor	VAHOSTAV, A.S. ZILINA
Applicator	HYDROSAN S.R.O.
Proj. Type	DAMS
	NUCLEAR & POWER GENERATING STATIONS
Total	250 SQ METRES
Completed	Aug. 1997
Comments	XYPEX WAS USED TO SEAL 1000 LIN. FT OF CONSTRUCTION JOINTS AND 25,000 SQ. FT. OF SURFACE IN THE UNDERWATER AREA AROUND THE TURBO GENERATORS OF THIS DAM. THIS IS THE SECOND LARGEST DAM IN SLOVAKIA.

* NEVADA IRRIGATION DISTRICT

No: 02201

	COLFAX, CALIFORNIA
	U.S.A.
Owner	PACIFIC GAS & ELECTRIC CO
Applicator	P.G.& E./NEVADA IRR.DIST.
Proj. Type	DAMS
Total	15,750 LBS
Completed	1981

* BOWMAN - SOUTH ARCH DAM

No: 02593

	EMIGRANT GP, CALIFORNIA
	U.S.A.
Applicator	NEVADA IRRIGATION DISTRICT
Proj. Type	DAMS
Comments	UPSTREAM FACE OF DAM AND CATWALK - THIS IS SECOND YEAR OF APPLICATION - 15,000 SQ FT SO FAR. BEING DONE IN BELTS (SOME 20 FEET HIGH BY WIDTH OF DAM AREAS) EVERY YEAR.

* FRIANT DAM POWER PROJECT

No: 02527

	FRIANT, CALIFORNIA
	U.S.A.
Owner	MADERA IRRIGATION DIST.
Designer	TUDOR ENGINEERING
Contractor	R G FISHER CO
Applicator	PETERSON'S PAINTING SERVICES
Proj. Type	DAMS
	FOUNDATION WALLS & FLOORS
Total	5,000 LBS
Completed	1985
Comments	APPLICATIONS DONE ON BELOW-GRADE AND ABOVE-GRADE. CONSTRUCTION OF THREE ADDITIONAL POWERHOUSES.

* COYOTE DAM

No: 02348

	LAKE MEDICINO, CALIFORNIA
	U.S.A.
Applicator	CONCRETE WPGF. CALIFORNIA
Proj. Type	DAMS

* BOX CANYON DAM

No: 02347

	LAKE SISKIYOU, CALIFORNIA
	U.S.A.
Applicator	CONCRETE WPG. CALIFORNIA
Proj. Type	DAMS

* LAKEHEAD MINI-HYDRO DAM

No: 02349

	LAKEHEAD, CALIFORNIA
	U.S.A.
Contractor	GRANITE CONSTRUCTION
Applicator	GRANITE CONSTRUCTION
Proj. Type	DAMS
Total	420 LBS
Completed	1984
Comments	NEW CONSTRUCTION - HYDRO ELECTRIC PROJECT

* LAKE SISKIYOU POWER PROJECT

No: 02608

	MOUNT SHASTA, CALIFORNIA
	U.S.A.
Designer	TUDOR ENGINEERING
Contractor	WESTERN STATES CONSTRUCTION
Applicator	PETERSONS PAINTING SERVICE
Proj. Type	DAMS
Total	1,020 LBS
Completed	1985
Comments	POWERHOUSE AND DAM.

* MOZART PROJECT 1 BP BERMS

No: 02265

	MOZART, CALIFORNIA
	U.S.A.
Contractor	CARL HOLVIC & CO.
Applicator	COASTAL COATING CO INC
Proj. Type	DAMS
	MISCELLANEOUS PROJECTS
Total	2,350 LBS
Completed	1983
Comments	NEW CONSTRUCTION

* SANTA CLARA VALLEY WATER DISTRICT

No: 02200

	SAN JOSE, CALIFORNIA
	U.S.A.
Applicator	S.C.VALLEY WATER DISTRICT
Proj. Type	DAMS
Total	300 LBS
Completed	1982

* CAMP FAR WEST HYDROPROJECT

No: 02304

	SHERIDAN, CALIFORNIA
	U.S.A.
Owner	SOUTH SUTTER WATER DIST.
Designer	TUDOR ENGINEERING
Contractor	DILLINGHAM CONSTRUCTION
Proj. Type	DAMS
	RESERVOIRS
Total	1,000 LBS
Completed	1983

* LAKE MENDOCINO HYDRO PROJECT

No: 02610

	UKIAH, CALIFORNIA
	U.S.A.
Designer	TUDOR ENGINEERING
Contractor	UNDERGROUND CONSTRUCTION
Applicator	PETERSON'S PAINTING SERVICE
Proj. Type	DAMS
Total	1,020 LBS
Completed	1985
Comments	NEW CONSTRUCTION - POWERHOUSE SLAB & WALLS.

* DOW CHEMICAL CORPORATION

No: 02515

	MIDLAND, MICHIGAN
	U.S.A.
Designer	PLANT ENGINEERING
Applicator	REFINED CONCRETE WPFG
Proj. Type	DAMS
	CHEMICAL & CHLORIDE PROTECTION
Total	3,500 SQ FT
Comments	XYPEX APPLIED TO STRUCTURE. HYDROSTATIC PRESSURE AS WELL AS RESISTING STRONG CHEMICAL ATTACK ON WALLS AND FLOORS OF DIKES.

* DOW CHEMICALS - HAZARDOUS CONTAINMENT DIKE

No: 02564

	MIDLAND, MICHIGAN
	U.S.A.
Owner	DOW CHEMICAL USA
Contractor	REFINED CONCRETE WPFNG
Proj. Type	CHEMICAL & CHLORIDE PROTECTION
	DAMS
Total	2,800 SQ FT

* DOW CHEMICAL - HAZARDOUS CONTAINMENT DIKE PHASE I

No: 02543

	MIDLAND, MICHIGAN
	U.S.A.
Owner	DOW CHEMICAL USA
Applicator	REFINED CONCRETE WPFNG
Proj. Type	CHEMICAL & CHLORIDE PROTECTION
	DAMS
Total	3,000 SQ FT
Comments	XYPEX APPLICATION TO FLOOR JOINTS, CRACK REPAIR AND SLURRY COATING OF ALL CONCRETE SUFACES. THIS IS A CONTINUATION OF THE DIKE REHABILITATION PROGRAM.

* BONNEVILLE POWER STATION

No: 02196

	DEER LODGE, MINNESOTA
	U.S.A.
Contractor	LYDIG CONSTRUCTION
Applicator	SOUND CONCRETE WPG.
Proj. Type	DAMS
Comments	WALLS AND PUMPHOUSE WERE TREATED WITH XYPEX.

* CAPITOLA HYDROELECTRIC PROJECT

No: 02303

	MARSHALL, NORTH CAROLINA
	U.S.A.
Contractor	CROWDER CONSTRUCTION CO.
Proj. Type	DAMS
Total	9,000 LBS
Completed	1984

* ABAQUIU DAM AND POWERHOUSE

No: 02817

	ESPANOLA, NEW MEXICO
	U.S.A.
Designer	TUDOR ENGINEERING
Contractor	BECHTEL CONSTRUCTION
Applicator	BECHTEL CONSTRUCTION
Proj. Type	DAMS
	FOUNDATION WALLS & FLOORS
Total	9,000 SQ FT
Completed	1989
Comments	XYPEX APPLIED TO BELOW-GRADE POWERHOUSE WALLS.

* O'SHAUGHNESSY HYDRO PROJECT

No: 02542

	POWELL, OHIO
	U.S.A.
Designer	BURGESS & NITLE LTD
Contractor	R G BEER CORPORATION
Proj. Type	DAMS
Total	15,300 SQ FT

* CLINTON DAM RESTORATION

No: 02570

	CLINTON, OKLAHOMA
	U.S.A.
Owner	CITY OF CLINTON
Designer	FRED SPITZ & ASSOC
Contractor	N W BUILDERS
Applicator	C C W OF OKLAHOMA
Proj. Type	DAMS
Total	5,000 LBS

* THREE MILE ISLAND NUCLEAR STATION

No: 02203

	THREE MILE ISLAND, PENNSYLVANIA
	U.S.A.
Designer	METROPOLITAN EDISON & GENERAL UTILITIES
Proj. Type	DAMS
	NUCLEAR & POWER GENERATING STATIONS
Comments	APPLICATION PERFORMED ON SMALL DAM STRUCTURE.

* NORTH SHORE PUBLIC RECREATION FACILITY

No: 02224

	BENTON COUNTY, WASHINGTON
	U.S.A.
Designer	DISTRICT CORPS OF ENGINEERS
Applicator	GEO. GRANT CONST. CO.
Proj. Type	DAMS
Completed	1975
Comments	XYPEX USED FOR REPAIRS.

* MUD MOUNTAIN DAM

No: 02204

	TACOMA, WASHINGTON
	U.S.A.
Contractor	HERB TISDALE CONSTRUCTION
Applicator	SOUND CONCRETE WPG.
Proj. Type	DAMS
Comments	WATERPROOF WATERWAY

* DAM REPAIR-WISCONSIN PUBLIC SERVICE

No: 02987

	GREEN BAY, WISCONSIN
	U.S.A.
Owner	WISCONSIN PUBLIC SERVICE
Designer	OWNER
Contractor	HOWARD IMMEL INC.
Applicator	HOWARD IMMEL INC.
Proj. Type	DAMS
Total	4,000 SQ FT
Completed	1988
Comments	AFTER THE DELAMINATING CONCRETE FACE WAS REMOVED ALL CRACKS WERE REPAIRED WITH XYPEX MATERIALS AND SURFACE WAS COATED PRIOR TO PREPLACED AGGREGATE CONCRETE REPAIR.

* DAU TIENG RESERVOIR/DAM

No: 10231

	TAY NINH PROVINCE
	VIETNAM
Owner	DAU TIENG RESERVOIR BOARD OF DIRECTORS
Designer	HYDRAULIC ENGINEERING CONSULTANTS NO. 2
Contractor	CONSTRUCTION CO. NO. 44 & CONSTRUCTION CO. NO. 43
Applicator	VINH HIEP HUNG CO. LTD.
Proj. Type	DAMS
Total	600 SQ. M.
Completed	July, 2000 and July, 2001
Comments	DEMONSTRATIONAL REPAIR ON LEAKAGE AND REPAIR OF DETERIORATED CONCRETE. THE DESIGNER ALSO VERIFIED WITH BACHY SOLETANCHE ON XYPEX'S PREVIOUS JOB BEFORE SPECIFYING. THE TRIAL WAS CARRY OUT BY VINH HIEP HUNG IN 1997 UNDER CONSTRUCTION CO. NO. 44. THE WORKS TO WATERPROOF OVER A NEW SHOTCRETE AT THE UPSTREAM DISCHARGE CHAMBER WAS CARRIED OUT BY CONSTRUCTION CO. 43 WITH VINH HIEP HUNG'S TECHNICAL SUPPORT IN JUNE 2000. TRIAL REPAIR AGAINST NEGATIVE PRESSURE LEAKS AT OTHER AREA WAS COMPLETED SUCCESSFULLY IN NOVEMBER, 2000, AND ANOTHER PHASE OF REPAIR WAS CONDUCTED IN JULY 2001. ADDITIONAL REPAIR WORK EXPECTED TO CONTINUE.

End of Report