



**NCER Funded
Small Business Innovation Research
(SBIR) Research Projects:
Active Waste Management -
Hazardous**



NATIONAL CENTER FOR ENVIRONMENTAL RESEARCH



Office of Research and Development
U.S. Environmental Protection Agency



Tabular Query Results of NCEER Program and Solicitation Information

48 Abstracts are listed

Number	Identifier	Abstract	Institution	Principal Investigator	Grant Amount	Proposed Start Date
1	68D50101	Processing Spent Catalyst to Recover Metal Values and to Minimize or Eliminate Hazardous Waste	Chemical and Metal Industries, Inc.	Dr. David E. Hyatt	\$65,000	September 1995 - March 1996
2	68D10072	Recovery of Liquid Hazardous Wastes from Carbon Adsorption Steam Regeneration Streams	Membrane Technology and Research, Inc.	J. G. Wijmans	\$150,000	September 1991 - May 1993

3	68D50122	Processing of Spent Perfluoroayliodide Catalyst for Recovery of Antimony Trifluoride and iodine and Hazardous Waste Elimination	Chemical and Metal Industries, Inc.	Dr. David E. Hyatt	\$220,000	September 1995 - July 1997
4	68D40050	An Experimental Approach for Developing an Antimony Pentafluoride Catalyst Recovery Method	Chemical and Metal Industries, Inc.	Dr. David E. Hyatt	\$55,000	September 1994 - March 1995
5	68D50070	Novel Pervaporation System for Recovery of Organics from Hazardous Waste Streams	Bend Research, Inc.	Dr. Rod Ray	\$65,000	September 1995 - March 1996
6	68D40056	A Chemical Process to Treat Spent Potliners and Produce Several Recyclable Commercially Valuable Products	Vortec Corporation	Dr. Paul J. Lucas	\$54,878	September 1994 - March 1995
7	68D50098	Conversion of Hazardous Chromium Plating Sludge Into Aluminothermic Chromium Metal	Climax Research Services	Dr. Edward P. Whelan	\$65,000	September 1995 - March 1996
8	68D60036	Innovative Process Technology to Recover Metal Values from Hazardous Wastes	Chemical & Metal Industries, Inc.	Dr. David E. Hyatt	\$69,716	September 1996 - March 1997
9	68D60046	Processing Spent Tin Fluorination Catalysts to Recover Tin and Fluoride Values and to Minimize or Eliminate Hazardous Waste	Chemical & Metal Industries, Inc.	Dr. David E. Hyatt	\$225,000	September 1996 - September 1998

10	68D30107	An Innovative Technology for the Destruction of Chlorinated Compounds in the Vapor Phase	Eckenfelder, Inc.	Dr. Ann N. Clarke	\$49,740	September 1993 - March 1994
11	68D30136	Fixation of Lead and Select Organic Compounds Using a Cold Mix Asphalt Process	Eckenfelder, Inc.	Dr. Ann N. Clarke	\$50,000	September 1993 - March 1994
12	68D00047	Pilot Scale Field Implementation of Surfactant Flushing of Hydrophobic Refractory Organic Compounds	Eckenfelder, Inc.	Dr. Ann N. Clarke, Mr. Robert D. Mutch, Jr.	\$149,909	September 1990 - November 1992
13	68D40077	Development of Pilot Scale Chlorinated Organic Vapor Phase Alkaline Destruction, COVPAD, Unit	Eckenfelder, Inc.	Dr. Ann N. Clarke	\$165,000	September 1994 - September 1996
14	68D00029	Recovery of Liquid Hazardous Wastes from Carbon Adsorption Steam Regeneration Streams	Membrane Technology and Research, Inc.	Dr. J. G. Wijmans	\$50,000	August 1990 - February 1991
15	68D60025	Self Contained Electrochemical System for Treating Paint Residue	Lynntech, Inc.	Dr. Charles L. Tennakoon	\$70,000	September 1996 - March 1997
16	68D10065	Recycling of Solid, Inorganic, Zinc-Bearing Industrial Process Wastes	Chemical Reclamation Technologies	Michael D. Waite	\$150,000	September 1991 - April 1993
17	68D70025	Low Cost Heavy Metals Removal from Hazardous Wastewaters	Lynntech, Inc.	Dr. Milan Bartos	\$70,000	September 1997 - March 1998

18	68D98143	Excess Etchant Reduction and Copper Recovery Process for Cupric Chloride Recovery	Oxley Research, Inc.	Dr. J. E. Oxley	\$70,000	September 1998 - March 1999
19	68D98130	Spark Induced Breakdown Spectroscopy for Detection of Metals in Groundwater and Soil	Physical Sciences Inc.	Dr. Amy J.R. Hunter	\$69,990	September 1998 - March 1999
20	68D70054	A Low-Cost Environmentally Benign Waste Lubricant Recycling/Re-refining Technology	Media and Process Technology, Inc.	Dr. Paul K.T. Liu	\$225,000	September 1997 - September 1999
21	68D30117	Development of a New Lead Fixation Technology	Wamax, Inc.	Dr. Rong Wang	\$49,941	September 1993 - March 1994
22	68D60039	Novel Fiber Optic Biosensor for Pesticide Residue Detection	Fiber & Sensor Technologies, Inc.	Mr. Tuan Tran	\$69,703	September 1996 - March 1997
23	68D00136	A Novel Absorbent-Reagent for HCl Control in On-site Disposal Regulated Medical Waste	EnviMed Services, Inc.	Dr. Paul H. Kydd	\$50,000	September 1990 - April 1991
24	68D50072	Detoxification of Spent Hall Cell Potlining	EMEC Consultants	Dr. Rudolf Keller	\$64,820	September 1995 - March 1996
25	68D50071	The Use of Multi-Component Waste Products for Use in Roofing Materials	Ecomat, Inc.	Dr. John N. Mushovic	\$62,800	September 1995 - March 1996

26	68D00023	Recycling of Solid Zinc Phosphating Process Waste	Chemical Reclamation Technologies	Michael D. Waite	\$47,110	August 1990 - February 1991
27	68D98140	In-Process Recycling of Spent Hexavalent Chromium Plating Bath	Faraday Technology, Inc.	Robert P. Renz	\$69,428	September 1998 - March 1999
28	68D30125	Selective Elimination of Waste in a Metal Finishing Operation	IonEdge Corporation	Mr. Mandar Sunthakar	\$50,000	September 1993 - March 1994
29	68D50099	Construction Material from Chemically Activated Fly Ash	By-Products Research, Inc.	Dr. Hossein Rostami	\$62,000	September 1995 - March 1996
30	68D50117	Novel Catalysts for Hydrogenolysis of Organochlorine Pollutants	TDA Research, Inc.	Dr. Ronald L. Cook	\$220,000	September 1995 - July 1998
31	68D50126	The Use of Recycled Solid Automotive Paint Wastes as Ingredients in Automotive Sealant Products	ASTER, Inc.	Dr. Michael J. Gerace	\$216,882	September 1995 - September 1996
32	68D10034	Safe, Environmentally Acceptable Resources Recovery from Oil Refinery Sludge	Calderon Energy Company of Bowling Green, Inc.	Albert Calderon	\$49,724	September 1991 - March 1992
33	68D60024	A Simplified Biosensor for Pesticide Residue Analysis	DISAN, Inc./ HTI Bio-Products, Inc.	Dr. Theodore T. Sand (DISAN, Inc.)	\$70,000	September 1996 - March 1997

34	68D50074	Simultaneous Extraction of Anionic and Cationic Metal Contaminants at Superfund Sites	TDA Research, Inc.	Dr. Kevin Gleason	\$65,000	September 1995 - March 1996
35	68D40035	The Use of Recycled Solid Automotive Paint Wastes as Ingredients in Automotive Sealant Products	Aster, Inc.	Dr. Michael J. Gerace	\$54,800	September 1994 - March 1995
36	68D50100	Dual Purpose Electrochemical Treatment of Wastewater	Lynntech, Inc.	Dr. Charles Tennakoon	\$65,000	September 1995 - March 1996
37	68D70044	Re-refining of Spent Ester-Based Synthetic Lubricants	Media and Process Technology, Inc.	Mr. Paul K.T. Liu	\$70,000	September 1997 - March 1998
38	68D70045	High Flash Solvent Recovery Using Dual Purpose Ceramic Membrane Technology	Media and Process Technology, Inc.	Dr. Paul K.T. Liu	\$69,558	September 1997 - March 1998
39	68D00030	Novel Cleanup of Metal Working Wastewaters	S.R. Taylor & Associates	Dr. Scott R. Taylor	\$49,550	August 1990 - February 1991
40	68D60021	Development of a Membrane-Based System for the Recovery and Reuse of Solvents	Bend Research, Inc.	Dr. Scott B. McCray	\$70,000	September 1996 - March 1997
41	68D98160	Re-Refining of Spent Ester-Based Synthetic Lubricants	Media and Process Technology, Inc.	Dr. Paul K. T. Liu	\$224,947	September 1998 - September 2000

42	68D00055	Reclamation of Soils and Soil Leachates Contaminated with Heavy Metals	Bio-Recovery Systems, Inc.	Dr. James Michael Hosea	\$49,924	September 1990 - April 1991
43	68D60045	A Low Cost Environmentally Benign Waste Lubricant Recycling/Re-refining Technology	Media and Process Technology, Inc.	Dr. Paul K.T. Liu	\$69,568	September 1996 - March 1997
44	68D40054	Use of Sulfur Polymer Cement and Sulfur Extended Asphalt for Solidification/Stabilization of Lead and Organolead Contaminated Soils	CCW Technology Group, Inc.	Dr. Wendall H. Cross	\$55,000	September 1994 - March 1995
45	68D30074	Photo-Thermal Conversion of CFCs and Halons to Valuable and Environmental Safe Materials	M.L. Energia, Inc.	Dr. Moshe Lavid	\$150,000	September 1993 - October 1995
46	68D70053	Development of a Membrane-Based System for the Recovery and Reuse of Solvents	Bend Research, Inc.	Dr. Scott B. McCray	\$225,000	September 1997 - March 1999
47	68D60023	Phosphate - Induced Metal Stabilization	NW Environmental Services, Testing & Training	Dr. James Conca	\$66,307	September 1996 - March 1997
48	68D70016	A Long-Life, Low-Cost Sorbent for the Conversion of HCl to Chlorine	TDA Research, Inc.	Mr. Robert J. Copeland	\$70,000	September 1997 - March 1998

Collections that were searched are:

Small Business Innovation Research Projects

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Search Performed: Thursday August 19, 1999