

Active EPA CRADAs (4/26/05)

CRADA #	Partner	EPA Office/Laboratory	Area of Tech Transfer	Date CRADA Effective	Duration (in years)
317-04	Affymetrix, Inc.	ORD - NHEERL	Gene chip technology	5/25/04	1
221-02	Agilent Technologies Inc.	ORD - NERL	Drinking Water-organotin	7/22/02	3
214-02	American Chemistry Council	ORD - NHEERL	Wildlife reproduction	2/12/02	6
215-02	American Chemistry Council	ORD - NHEERL	Immune system	2/12/02	5
305-04	American Chemistry Council	ORD - NERL	Children's Health	4/29/04	4
208-01	American Water Works Research Foundation	ORD - NERL	Cryptosporidium - UV light	10/29/01	4
296-04	Arizona Water Company	ORD - NRMRL	Arsenic removal	5/7/04	1.25
278-03	ASARCO, Inc.	ORD - NRMRL	Permeable Reactive Barrier	2/10/04	3
324-04	AVL Powertrain Engineering	OAR - NVFEL	Automotive Power Train	7/23/04	1
339-05	Boreal Laser Inc.	ORD - NRMRL	Air Pollution	3/31/05	1
348-05	California Water Service Company	ORD - NRMRL	Arsenic removal	4/4/05	1.25
216-02	Camp Dresser and McKee	ORD - NRMRL	Sanitary Sewer Systems Control Planning	5/3/02	6.58
218-02	Camp Dresser and McKee	ORD - NRMRL	Stormwater Mgmt Redevelopment	4/17/02	5
342-05	City of Sandusky, MI	ORD - NRMRL	Arsenic removal	3/21/05	1.25
334-05	City of Three Forks, MT	ORD - NRMRL	Arsenic removal	4/4/05	1.25
187-00	Composite Membranes Corporation	ORD - NRMRL	Pervaporation Membrane-VOCs-wastewater	7/3/02	3
313-04	Cooper Environmental Services LLC	ORD - NERL	X-ray analysis Software	7/7/04	2
270-03	Coordinating Research Council (CRC)	OAR - NVFEL	Vehicle exhaust	9/4/03	3
280-03	Cummins Inc.	OAR - NVFEL	Clean diesel combustion	3/4/04	4
295-04	Desert Sands Mutual Domestic Water Consumers Association	ORD - NRMRL	Arsenic removal	6/30/04	1.25
194-A-01	Eaton Corporation	OAR - NVFEL	Hydraulic Hybrid Vehicles	10/2/01	4
301-03	Eco Array LLC	ORD - NERL	Fathead Minnow	10/4/04	2
323-04	Eli Lilly and Company	ORD - NHEERL	Material Transfer Agreement*	8/2/04	1
307-A-04	Engineering and Fire Investigations (EFI)	ORD - NERL	Indoor air detection-Molds	9/17/04	1
200-01	Environmental Research and Education Foundation (EREF)	ORD - NRMRL	Landfill gas emissions and control tech	6/12/01	6.5
265-03	Environmental Research Consortium (ERC) (DaimlerChrysler, Ford Motor Company, GM)	OAR - NVFEL	Vehicle emissions	9/5/03	5
315-04	EST Analytical	Region 1	VOCs in soil and water	10/18/04	2
143-97	DuPont de Nemours and Company, Dow Chemical Company	ORD - NHEERL	non-cancer health risk	2/9/98	7.58
202-01	Fluent, Inc	ORD - NERL	Computational Fluid Dynamics Methodology	6/12/01	4.5
162-98	Ford Motor Company	OAR - NVFEL	Automotive Power Train	1/29/99	9.66
191-00	Foremost Solutions, Inc	ORD - NRMRL	Bioremediation-contam soil-GW	11/9/00	6
253-03	Genetech, Inc.	ORD - NHEERL	Material Transfer Agreement*	4/15/03	N/A
170-99	Genzyme Diagnostics	ORD - NHEERL	Material Transfer Agreement*	6/23/99	N/A
258-03	Georgia Pacific Corporation	Region 4	Air Pollution	6/26/03	2.42
264-03	Glaxo-Smith-Kline	ORD - NHEERL	Material Transfer Agreement*	7/24/03	10
351-05	Golden Hills CSD	ORD - NRMRL	Arsenic removal	3/17/05	1.25
261-03	Hach Company	ORD - NRMRL	Homeland Security-Water	6/1/03	2.17
263-03	Hybrigene, Inc.	ORD - NHEERL	Gene flow-transgenic crops	6/30/03	4
311-04	INCELL Corporation, LLC	ORD - NHEERL	Material Transfer Agreement*	5/7/04	3
267-03	INSERM U478	ORD - NERL	Material Transfer Agreement*	9/18/03	N/A
266-03	Instant Reference Sources, Inc. DOI/USGS	OW	Nat'l Env Methods Index	4/29/04	2
246-03	Intelligent Optical Systems, Inc.	ORD - NERL	Biological toxins in water	12/18/02	3
331-A-05	International Truck and Engine Corporation	OAR - NVFEL	Hydraulic Hybrid Vehicles	2/16/05	4
0293-04	International Truck & Engine Corporation	OAR - NVFEL	Clean diesel combustion	1/9/04	4
181-00	Membrane Technology & Research, Inc.	ORD - NRMRL	VOC separation-groundwater-wastewater	3/2/00	6.5
190-00	Metal Alloy Reclaimers, Inc. (Metaloy)	ORD - NRMRL	Ionic Mercury in scrubber water-Spent Claus Catalyst	1/8/01	6
306-04	Monsanto Company	ORD - NERL	Material Transfer Agreement*	6/17/04	N/A
262-03	Monsanto, Inc	ORD - NHEERL	Material Transfer Agreement*	5/12/03	4
173-99	Niagara Mohawk Power Corporation	ORD - NRMRL	Phytoremediation of TPH	12/21/99	5.83
242-03	Novartis Pharmaceutical Corporation	ORD - NHEERL	Material Transfer Agreement*	12/18/02	N/A
353-05	Oak Manor MUD	ORD - NRMRL	Arsenic removal	3/15/05	1.25

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334-05	Orchard Highlands Condominium Association	ORD - NRMRL	Arsenic removal	4/1/05	1.25
341-05	Oregon Institute of Technology	ORD - NRMRL	Arsenic removal	3/16/05	1.25
257-A-03	Parker-Hannefin Corporation	OAR - NVFEL	hydrostatic transmission-large vehicles	5/28/03	5
302-04	Piniseti Research LLC	ORD - NERL	Vacuum extractor-condenser column	10/21/04	3
171-99	PPG Industries, Inc., Goodyear Tire and Rubber Company	ORD - NRMRL	Landfill alternative cover system	1/24/00	6
272-03	Pure Sense Environmental Inc.	ORD - NRMRL	Homeland Security-Water	3/19/04	2
207-01	R.J. Lee Group	ORD - NERL	Microscopy based particle char tech	9/24/01	6
345-05	Richmond School District	ORD - NRMRL	Arsenic removal	3/21/05	1.25
271-03	Scotts Company	ORD - NHEERL	Material Transfer Agreement*	7/19/03	N/A
316-04	Solutia Inc	ORD - NRMRL	Material Transfer Agreement*	6/23/04	1
290-03	South Truckee Meadows General Improvement District, NV	ORD - NRMRL	Arsenic removal	3/23/04	1.25
361-05	Sunset Ranch Homeowners Association	ORD - NRMRL	Arsenic removal	4/6/05	1.25
239-02	Technical Database Services, Inc.	ORD - NRMRL	Environmental Toxicity & Exposure DB	12/18/02	5
220-02	Inverness Medical Technology, Inc.	ORD - NHEERL	Fertility and SP-22	10/17/02	4
179-00	The Research Foundation of State University of NY (SUNY)	ORD - NERL	Material Transfer Agreement*	3/30/00	N/A
282-A-03	Tipton Environmental International	ORD - NRMRL	Biomass Concentrator Reactor	2/12/04	5
335-05	Town of Lyman, NE	ORD - NRMRL	Arsenic removal	4/6/05	1.25
350-05	Town of Stewart, MN	ORD - NRMRL	Arsenic removal	3/16/05	1.25
250-03	University of Minnesota-Duluth	ORD - NHEERL	confocal microscopy	4/23/03	3
133-96	University of Minnesota Large Lakes Observatory	ORD - NHEERL	Lake ecosystems	4/23/03	4
255-03	University of Virginia	ORD - NHEERL	Material Transfer Agreement*	4/24/03	N/A
322-04	United Parcel Service (UPS)	OAR - NVFEL	Hydraulic Hybrid Vehicles	2/20/05	3
357-05	United Water Systems	ORD - NRMRL	Arsenic removal	3/21/05	1.25
288-03	Village of Nambu Pueblo	ORD - NRMRL	Arsenic removal	10/23/03	2
349-05	Vintage on the Ponds	ORD - NRMRL	Arsenic removal	3/17/05	1.25
189-00	Waste Management Inc.	ORD - NRMRL	Municipal waste landfill bioreactor	10/19/00	5
309-04	Waters Corp.	Region 5	Searchable mass spectral libraries for LC/MS	12/13/04	2
241-A-03	Wayne State University, University of Leeds	ORD - NHEERL	Male factor infertility	1/14/03	3
359-05	Wellman WSC	ORD - NRMRL	Arsenic removal	3/22/05	1.25
343-05	Webb Consolidated Schools	ORD - NRMRL	Arsenic removal	3/14/05	1.25
319-04	White Rock Water Company	ORD - NRMRL	Arsenic removal	6/15/04	1.25
304-04	Wright State University	OSWER	eco receptors for aquatic contaminants	2/7/05	2
275-03	W. L. Gore & Associates	ORD - NRMRL	Material Transfer Agreement*	8/7/03	N/A
268-03	Yellow Springs Instruments, Inc. (YSI)	ORD - NRMRL	Homeland Security-Water	7/28/03	2

*Material Transfer Agreements allow EPA or a partner to provide research materials to the other party, with little additional collaboration. These agreements typically last for one year, but many do not have a specified expiration date.

Annual Cash Contribution from CRADA Partners**		**All cash contributions associated with a CRADA are recorded for the year in which the agreement was signed. Some of these agreements have since expired.
CY 2005 (thus far)	\$150,000	
CY 2004***	\$2,986,500	
CY 2003	\$535,500	
CY 2002	\$1,021,970	
CY 2001	\$472,500	
CY 2000	\$72,000	
CY 1999	\$15,000	
CY 1998	\$435,000	
CY 1997	\$249,450	
CY 1996	\$193,500	
CY 1995	\$485,000	

***Includes a \$2,100,000 CRADA partner contribution. This study was cancelled by the Acting Administrator on 4/8/05. The future status of this CRADA remains uncertain.

CRADA #	Partner	EPA Office/Laboratory	Area of Tech Transfer	Date CRADA Effective	Duration (in years)
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Acronyms Used	
ORD	Office of Research and Development
NERL	National Exposure Research Laboratory
NHEERL	National Health and Environmental Effects Research Laboratory
NRMRL	National Risk Management Research Laboratory
OAR	Office of Air and Radiation
NVFEL	National Vehicle and Fuel Emissions Laboratory
OW	Office of Water
OSWER	Office of Solid Waste and Emergency Response