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Environmental Policy and Technology Project

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NEW INDEPENDENT STATES MONTHLY REPORT September 1995

Prepared for:
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U.S. Agency for International Development

Prepared by:
Washington, D.C., Office
Environmental Policy and Technology Project
For the New Independent States of the former Soviet Union
A USAID Project Consortium Led by CH2M HILL

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Section 3

Delivery Order 4

**Kazakstan and Uzbekistan Predesign Activities for Potable Water
Projects in the Aral Sea Basin and Central Asian Republics
Environmental Action Plan**

Central Asian Republics
Kazakstan and Uzbekistan: Predesign Activities for Potable Water Projects in the Aral Sea Basin and Central Asian Republics Environmental Action Plan
04 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 1 - Post Kazakstan MOU Activities	1. Prepare an executive summary report describing observations and recommendations	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	None- DO Draft Final Report submitted August 15, 1995	Not Applicable
	2. Prepare an executive summary report on a survey of public health practices	None- DO Draft Final Report submitted August 15, 1995	None- DO Draft Final Report submitted August 15, 1995	None- DO Draft Final Report submitted August 15, 1995	
Task 2 - Post Uzbekistan MOU Activities	1. Prepare an executive summary report describing observations and recommendations	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	Not Applicable
	2. Prepare an executive summary report on a survey of public health practices	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	
Task 3 - Environmental Action Plan for Central Asia	1. Provide logistic and technical support for the preparation of an EAP for Central Asia	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	None - DO Draft Final Report submitted August 15, 1995	Not Applicable

Key Issues: * Awaiting USAID comments on DO Draft Final Report to prepare DO Final Report

Central Asian Republics
Kazakstan and Uzbekistan: Predesign Activities for Potable Water Projects in the Aral Sea Basin and Central Asian Republics Environmental Action Plan
04 - Summary of Program
September 1995

Task No/ Description	Impact Indicators	Targets	Key Activities
Task 1 - Post Kazakstan MOU Activities	Not Applicable	Not Applicable	<ol style="list-style-type: none"> 1. Prepare an executive summary report describing observations and recommendations 2. Prepare an executive summary report on a survey of public health practices
Task 2 - Post Uzbekistan MOU Activities	Not Applicable	Not Applicable	<ol style="list-style-type: none"> 1. Prepare an executive summary report describing observations and recommendations 2. Prepare an executive summary report on a survey of public health practices
Task 3 - Environmental Action Plan (EAP) for Central Asia	Not Applicable	Not Applicable	<ol style="list-style-type: none"> 1. Provide logistic and technical support for the preparation of an EAP for Central Asia

Section 4
Delivery Orders 2 and 12
Turkmenistan Environmental Health and Clean Water Project

**Central Asian Republics
Turkmenistan: Environmental Health and Clean Water Project
02 and 12 - Program Status
September 1995**

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 1 - Potable Water Treatment and Packaging and Dispensing System	1. Install a water treatment facility (RO unit)	Completed construction completion report	<i>Construction Completion Report for the Turkmenabashi Reverse Osmosis Water Treatment Plant</i>	Turnover of RO unit to GOT in November	Facility was officially opened by the President of Turkmenistan on August 21. A crowd of approximately 23,000 attended the ribbon-cutting ceremony. The GOT Deputy Premier responsible for water treatment expressed an interest in acquiring up to 20 additional American water treatment plants, apparently on commercial terms. This is the first tangible accomplishment of any USAID project in the Aral Sea Basin. Full scale startup of the RO plant and training scheduled for early November 1995.
	2. Train personnel in operations and maintenance	Began revision of draft O&M manuals based on installed plant and wellfield facilities		Provision of 2 weeks of on-site training of plant operators in October, followed by 6 months of on-site advisory assistance	
	3. Develop a water distribution system	Received bids on tankers		Completion of procurement of 6 trailer- mounted tanks* Finalization of water distribution system plan**	
Task 2 - Water Quality Monitoring	1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water				Provision of laboratory equipment is over 70% complete. A visit to assess impact is being arranged. These activities are being coordinated with other donors, especially UNICEF.
	2. Perform process control inspections				
	3. Develop a data management system				
Task 3 - Enhancing Professional Capabilities	1. Conduct inspections at facilities operated by NET Project workshop participants from Turkmenistan				

Central Asian Republics
Turkmenistan: Environmental Health and Clean Water Project
02 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 4 - Economic Evaluation and Financing Plan	1. Conduct a water pricing analysis			Finalization of draft report prepared by HIID	17 representatives from the GOT participated in the Water Policy Workshop held in Ashgabat in May 1995.
	2. Determine the O&M costs of water facilities			Initiation of recovery of RO plant O&M costs	
	3. Develop long-term financing plan for O&M			?	
Task 5 - Supporting Activities in Environmental Sanitation	1. Strengthen public health and sanitation education	Drafted action plan for public health improvements focusing on sanitary improvements at targeted facilities, e.g. schools, hospitals, factories, etc.***		Finalization and submission of action plan for public health improvements	Indicator and target under development
	2. Develop and execute a sanitation program	Drafted action plan for public health improvements focusing on sanitary improvements at targeted facilities, e.g. schools, hospitals, factories, etc.		Finalization and submission of action plan for public health improvements	

- Key Issues:
- * Procurement of trailer-mounted tanks, instead of 3 tanker trucks specified in MOU, is subject to final approval by the GOT. OBR
 - ** Water distribution from the plant must be based on tank hauling and walk-up dispensing. Pipe systems are infeasible due to the long distances between collective farm villages and would further discourage conservation of water.
 - *** Need to modify DO2 to remove provision of pit privies

Who is reviewing this?

*Need to say
what is DO2 & what is 12*

*Should an activity be listed if no accomplishments were realized
in this month. I assume that there will be a master activity list
with the new work plans*

**Central Asian Republics
Turkmenistan: Environmental Health and Clean Water Project
02 and 12 - Summary of Program
September 1995**

Task No/ Description	Impact Indicators	Targets	Key Activities
Task 1 - Potable Water Treatment and Packaging and Dispensing System	Increased number of people/households with access to potable water	Install and begin operation of a reverse osmosis treatment plant and provide potable water to 10,000 people by 6/95 and 40,000 people by 12/95	<ol style="list-style-type: none"> 1. Install a water treatment facility (RO unit) 2. Train personnel in operations and maintenance 3. Develop a water distribution system
Task 2 - Water Quality Monitoring			<ol style="list-style-type: none"> 1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water 2. Perform process control inspections 3. Develop a data management system
Task 3 - Economic Evaluation and Financing Plan	Water management problems are solved through regional cooperation	Determine cost of drinking water by 12/95 so that governments can properly fund operation and maintenance of water treatment facilities	<ol style="list-style-type: none"> 1. Conduct a water pricing analysis 2. Determine the O&M costs of water facilities 3. Develop long-term financing plan for O&M
Task 2 - Supporting Activities in Environmental Sanitation	Indicator Under Development	Target Under Development	<ol style="list-style-type: none"> 1. Provide public health and sanitation education 2. Develop and execute a sanitation program

Section 5
Delivery Orders 6 and 12
Uzbekistan Environmental Health and Clean Water Project

is an "accomplishment" & finished task or a "continued" or "begin" way point

**Central Asian Republics
Uzbekistan: Environmental Health and Clean Water Project
06 and 12 - Program Status
September 1995**

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 1 - Water Treatment Plant/ Distribution System Improvements	1. 1. Investigate water plant/distribution system improvements	Identified possible transmission system project	Trip Report - Hoffman, Randy, <i>Delivery Order 6, Task 1, Water Treatment Plant/Distribution, August 18 - September 12, 1995.</i>		Investigation into plant clarification and filter operation and training needs assessment have been completed. Plant chlorination systems for Urgench and Nukus have been installed, and the design of plant clarification equipment is underway, for installation in February 1996. Plant filter control panels are on order for installation in December 1995.
	2. Modify water plant operations to improve treatment performance	Continued design of extensive internship program	<i>Ibid.</i>	Continuation of work on design of extensive internship program for implementation in February 1996	
	3. Procure equipment for water plants and distribution system	Initiated procurement of plant filter control panels	<i>Ibid.</i>	Installation of plant filter control panels in December	
	4. Provide operations and maintenance manuals		<i>Ibid.</i>		
Task 2 - Water Quality Monitoring	1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water	Continued work on translation of supplemental O&M documents		Assessment of additional equipment needs in November Continuation of work on translation of supplemental O&M documents	Laboratory equipment has been provided to 3 SES labs in Nukus and Urgench, and follow-up training has been provided. Continuing support to the 2 laboratories at the water treatment plants is being reviewed with USAID. These activities are being coordinated with other donors, particularly the Government of Switzerland.
	2. Perform process control inspections				
	3. Develop a data management system				
Task 3 - Enhancing Professional Capabilities	1. Conduct inspections at facilities operated by NET Project workshop participants				

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Central Asian Republics
Uzbekistan: Environmental Health and Clean Water Project
06 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 4 - Economic Evaluation and Financing Plan	1. Determine the O&M costs of water facilities				4 representatives from the GOU participated in the Water Policy Workshop conducted in Ashgabat in May 1995. 5 small grant proposals have been reviewed and recommended for participants from Uzbekistan.
	2. Develop a long-term financing plan for O&M				
Task 5 - Supporting Activities in Environmental Sanitation	1. Strengthen public health and sanitation education			Conduct of a field assessment to follow up on the interagency training program conducted in Urgench and development of an action plan Development with CDC of an approach to assess the public health risk associated with carcinogens in drinking water*	Indicator and target under development
	2. Develop and execute a sanitation program				

Key Issues: * Need to modify DO6 to reduce/remove demineralization unit activities. These activities have been postponed at request of AID/A, which has concluded that the highest and most immediate priority is to remove the risk of acute water-borne disease. Most LOE and funds associated with demineralization activities will thus be reprogrammed.

**Central Asian Republics
Uzbekistan: Environmental Health and Clean Water Project
06 and 12 - Summary of Program
September 1995**

Task No/ Description	Impact Indicators	Targets	Key Activities
Task 1 - Water Treatment Plant/Distribution System Improvements	Increased number of people/households with access to potable water	Number of people receiving potable water increased to 400,000 by 12/95	<ol style="list-style-type: none"> 1. Investigate water plant/distribution system improvements 2. Modify water plant operations to improve treatment performance 3. Procure equipment for water plants and distribution system 4. Provide operations and maintenance manuals
Task 2 - Water Quality Monitoring			<ol style="list-style-type: none"> 1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water 2. Perform process control inspections 3. Develop a data management system
Task 3 - Enhancing Professional Capabilities			<ol style="list-style-type: none"> 1. Conduct inspections at facilities operated by NET Project participants from Uzbekistan
Task 4 - Economic Evaluation and Financing Plan	Water management problems are solved through regional cooperation	Determine cost of drinking water by 12/95 so that governments can properly fund operation and maintenance of water treatment facilities	<ol style="list-style-type: none"> 1. Determine the O&M costs of water facilities 2. Develop a long-term financing plan for O&M
Task 4 - Supporting Activities in Environmental Sanitation	Indicator Under Development	Target Under Development	<ol style="list-style-type: none"> 1. Strengthen public health and sanitation education 2. Develop and execute a sanitation program

Section 6
Delivery Orders 7 and 12
Kazakstan Environmental Health and Clean Water Project

**Central Asian Republics
Kazakstan: Environmental Health and Clean Water Project
07 and 12 - Program Status
September 1995**

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 1 - Upgrade Transmission Pump Stations	1. Rehabilitate and repair key pump stations	Began preparation of construction drawings Continued work on procurement of pumps		Completion of construction drawings Continued work on procurement of pumps	Reached agreement with the GOK in September 1995 for continuing activities for the Federal water transmission system in Kyzyl Orda Oblast. Design activities will be completed in the field in October 1995. Design of pumps, motors, and other equipment for replacement in 8 existing pump stations along the transmission line is underway. Bidding will occur in the fall of 1995, and installation will begin in the spring of 1996.
	2. Provide operations and maintenance manuals	Drafted manuals in English	Draft of O&M manuals	Translation of manuals into Russian	
Task 2 - Evaluate and Rehabilitate Wellfields	1. Conduct a survey of groundwater resources	Completed second phase of survey		Completion of wellfield testing and groundwater modeling	Wellfield investigations were completed in July 1995. Rehabilitation was completed and equipment was provided and installed in 3 wells in September 1995.
	2. Rehabilitate wellfields*	Conducted pilot rehabilitation work in Kosaman wellfield	Trip Report - Underwood, Mark and Hutchinson, Adam, <i>Kosaman Wellfield</i> , September 6-25, 1995	Planning for last phase, scheduled for spring/summer 1996	

Central Asian Republics
Kazakstan: Environmental Health and Clean Water Project
07 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 3 - Distribution System Improvement/ Extension	1. Repair and install, as necessary, potable water pipeline and distribution system	Conducted engineering review/analysis of the existing water distribution system Procured 6 diesel welding units for maintenance of water distribution system		Preparation of report on engineering review/analysis Provision of operations and maintenance training in January 1996	Chlorination equipment has been delivered to Aralsk for installation in 8 pump stations/. Installation began in September and is expected to be completed by December. In Pump Station 1, where installation is complete. chlorine is routinely being added to water leaving the wellfields.***
	2. Install chlorination equipment	Installed chlorination equipment at Pump Stations 1 and 2 and began installation at Pump Station 3		Installation of chlorination equipment in all pump stations by December 1995**	
	3. Provide operations and maintenance manuals	Translated O&M manuals into Russian Completed operator training at Pump Stations 1 and 2	<i>Chlorination Systems Training Manual Summary</i>		
Task 4 - Water Quality Monitoring	1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water quality	Delivered second tranche of laboratory equipment to the GOT		Delivery of final tranche of laboratory equipment and evaluation of value of previous deliveries	Laboratory equipment has been provided to 5 laboratories in Kzyl Orda, Aralsk, and NovoKazalinsk, and related training has been provided.
	2. Perform process control inspections				
	3. Develop a data management system				
Task 5 - Enhancing Professional Capabilities	1. Conduct inspections at facilities operated by NET Project workshop participants from Kazakstan				

**Central Asian Republics
Kazakstan: Environmental Health and Clean Water Project
07 and 12 - Program Status
September 1995**

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 6 - Economic Evaluation and Financing Plan	1. Conduct a water pricing analysis				6 representatives from the GOK participated in the Water Policy Workshop held in Ashgabat in May 1995. 3 small grant proposals have been reviewed and recommended for participants from Kazakstan
	2. Determine the O&M costs of water facilities				
	3. Develop long-term financing plan for O&M			Meeting in Almaty by the working group to plan for the Bishkek Water Pricing Seminar	
Task 7 - Supporting Activities in Public Health and Sanitation	1. Strengthen public health and sanitation education	Began a field assessment to follow up on the interagency training program conducted in Aralsk		Completion of follow-up field assessment and development of an action plan in October 1995	Indicator and target under development
	2. Develop and execute a sanitation program			Preparation of a detailed implementation plan in December 1995	

Key Issues:

- * Need to modify DO 7 to include wellfield evaluation and rehabilitation work
- ** Equipment installation is being completed in spite of difficult weather conditions.
- *** The GOK has not been able to provide a sufficient amount of chlorine for sustainable operation at the 8 pump stations.

**Central Asian Republics
Kazakstan: Environmental Health and Clean Water Project
07 and 12 - Summary of Program
September 1995**

Task No/ Description	Impact Indicators	Targets	Key Activities
Task 1 - Upgrade Transmission Pump Stations	Increased number of people/households with access to potable water	By improving reliability of well/pipeline system, number of people receiving potable water is increased from 25,000 to 50,000 by 12/95	<ol style="list-style-type: none"> 1. Rehabilitate and repair key pump stations 2. Provide operation and maintenance manuals
Task 2 - Evaluate and Rehabilitate Wellfields			<ol style="list-style-type: none"> 1. Conduct a survey of groundwater resources 2. Rehabilitate wellfields
Task 3 - Distribution System Improvement/ Extension			<ol style="list-style-type: none"> 1. Repair and install, as necessary, potable water pipeline and distribution system 2. Install chlorination equipment 3. Provide operations and maintenance manuals
Task 4 - Water Quality Monitoring			<ol style="list-style-type: none"> 1. Provide laboratory equipment and technical expertise to allow improved monitoring of potable water quality 2. Perform process control inspections 3. Develop a data management system
Task 5 - Economic Evaluation and Financing Plan	Water management problems are solved through regional cooperation	Determine cost of drinking water by 12/95 so that governments can properly fund operation and maintenance of water treatment facilities	<ol style="list-style-type: none"> 1. Conduct a water pricing analysis 2. Determine the O&M costs of water facilities 3. Develop long-term financing plan for O&M
Task 6 - Supporting Activities in Public Health and Sanitation	Indicator Under Development	Target Under Development	<ol style="list-style-type: none"> 1. Provide public health and sanitation education 2. Develop and execute a sanitation program

Section 7
Delivery Orders 8 and 12
Central Asian Republics
Regional Water Management and Cooperation

Central Asian Republics
Central Asian Republics: Regional Water Management and Cooperation
08 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 1 - Workshops, Seminars, and Regional Conference on Water Resource Management	1. Conduct 2 major workshops	None - Completed	None - Completed	None - Completed	2 major workshops have been held: Information Management Workshop, Tashkent, Uzbekistan, December 1994 (28 official delegates and 73 participants); Water Management and Policy Workshop, Ashgabat, Turkmenistan, May 1995 (24 official delegates and 50 participants). A Water Resources Study Tour to the western U.S. was conducted for 22 official delegates in April 1994. EPT participated in a joint-donor (IBRD, WHO, UNDP, ICAS, EU TACIS) Water Quality Standards Workshop held in Tashkent, Uzbekistan in August 1995 (40 participants). 8 of 32 ADP proposals received in the first funding round are being negotiated.* Approximately 50 ADP proposals have been received in the second round of funding.
	2. Conduct 3-4 smaller seminars	Planned for first meeting of Regional Cooperation Working Group		Facilitation of first meeting of Regional Cooperation Working Group in October 1995 (Working Group to participate in organizing seminars) Conduct of regional seminar on water pricing in November	
	3. Conduct a Regional Conference on Water Resource Management			Facilitation of first meeting of Regional Cooperation Working Group in October 1995 (Working Group to participate in organizing conference)	
Task 2 - Applied Demonstration Projects	1. Fund applied demonstration projects which further the theme of solving water management problems through regional cooperation			Presentation of applied demonstration project (ADP) proposals to Regional Cooperation Working Group in October 1995 (Working Group to participate in selecting ADPs)	
Task 3 - Partnerships	1. Establish partnerships between US and CAR institutions to build indigenous capacity to address policy and technical water management issues	Developed 3 potential partnerships: University of Texas/Institute for Engineering and Mechanization of Agriculture, Uzbekistan - regional water allocation model; University of Utah/Water Resources Institute, Bishkek - water pricing; Research Triangle Institute/local CAR groups - integrated data management		Presentation of potential partnerships to Regional Cooperation Working Group in October 1995 (Working Group to participate in selecting CAR partner institutions)	

Central Asian Republics
Central Asian Republics: Regional Water Management and Cooperation
08 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
Task 4 - Drinking Water Quality Monitoring**	1. Develop a potable water monitoring strategy in 4 areas in the CAR	Participated on a World Bank water quality team in Dashovuz, Turkmenistan and prepared a report for the IBRD			
	2. Complete a sampling and analysis plan for the area and strengthen one laboratory in each country to conduct the analysis				
	3. Train CAR personnel in analytical and sampling techniques				
Task 5 - Data Management*	1. Provide computer hardware and software				
	2. Ensure inclusion of USAID-collected data in the World Bank database				
	3. Demonstrate use of the World Bank database for management of drinking water resources				
	4. Develop a plan for using the World Bank database to prepare water policy management issues papers				
Task 6 - Water Management Policies	1. Prepare a synthesis report				Partly as a result of EPT activities, the water ministers of all 5 republics executed a water sharing agreement in Shymkent, Kazakstan in April 1995 and continued this cooperation in Bukhara, Uzbekistan in June 1995.

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Central Asian Republics
Central Asian Republics: Regional Water Management and Cooperation
08 and 12 - Program Status
September 1995

Task No/ Description	Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months	Progress in Achieving Impact Indicators/Targets
	2. Prepare up to 20 issues papers				

Key Issues: * Funding of the Round I ADPs delayed pending resolution of contractual inability to give grants or to contract with government institutions).
 ** Activities called for in DO12 need to be reassessed given lack of World Bank database, likely throughout the period of the DO.

Central Asian Republics
Central Asian Republics: Regional Water Management and Cooperation
08 and 12 - Summary of Program
September 1995

Task No/ Description	Impact Indicators	Targets	Key Activities
Task 1 - Workshops, Seminars, and Regional Conference on Water Resource Management	Water management problems are solved through regional cooperation	<i>A series of interrelated workshops and seminars on water policy issues conducted and a regional conference on water resource management held</i>	<ol style="list-style-type: none"> 1. Conduct 2 major workshops 2. Conduct 3-4 smaller seminars 3. Conduct a Regional Conference on Water Resource Management
Task 2 - Applied Demonstration Projects		<i>Small demonstration projects developed and funded</i>	<ol style="list-style-type: none"> 1. Fund applied demonstration projects which further the theme of solving water management problems through regional cooperation
Task 3 - Partnerships		<i>Partnerships in related water management and policy issues established</i>	<ol style="list-style-type: none"> 1. Establish partnerships between US and CAR institutions to build indigenous capacity to address policy and technical water management issues
Task 4 - Drinking Water Quality Monitoring		Monitor water quality in support of regional and bilateral agreements on water resources and uses in the Aral Sea Basin by 12/96	<ol style="list-style-type: none"> 1. Develop a potable water monitoring strategy in 4 areas in the CAR 2. Complete a sampling and analysis plan for the area and strengthen one laboratory in each country to conduct the analysis 3. Train CAR personnel in analytical and sampling techniques 4. Disseminate results of analytical data collected
Task 5 - Data Management		<i>Sharing of hydrological data among states initiated</i>	<ol style="list-style-type: none"> 1. Provide computer hardware and software 2. Ensure inclusion of USAID-collected data in the World Bank database 3. Demonstrate use of the World Bank database for management of drinking water resources 4. Develop a plan for using the World Bank database to prepare water policy management issues papers
Task 6 - Water Management Policies		Draft policies to foster changes in: irrigation practices; pesticide, fertilizer, and land use; and water conservation prepared by 12/96	<ol style="list-style-type: none"> 1. Prepare a synthesis report 2. Prepare up to 20 issues papers

Note: Draft information is presented in italics.

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Section 10
Core Contract and Delivery Orders
Project Management

**Washington, D.C., Headquarters, Central Asian Republics Regional Office, Russian Federation Regional Office, and West NIS Regional Office
Project Management
Core and DOs - Program Status
September 1995**

Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months
Washington D.C. Headquarters			
1. Respond to Requests for Delivery Order	<p>Responded to Request for Proposal, completed negotiations on, and signed Core Contract extension</p> <p>Provided justification for and signed DO1 no-cost extension</p> <p>Provided justification for and signed DO2 no-cost extension</p> <p>Completed negotiations on and signed DO10 MOD 3</p>	<p>Core Contract Extension</p> <p>DO1 MOD 4</p> <p>DO2 MOD 3</p> <p>DO10 MOD 4</p>	
2. Prepare Workplans and Budgets	<p>Project Director, Deputy Director, and Director, Finance and Administration visited Moscow September 10-17 to conduct review and planning meetings with EPT/Moscow and AID/Moscow. Began developing new contract management procedures for DOs 1, 10, and 11, for which CO authority has been transferred to AID/Moscow</p> <p>Project Director and Deputy Director visited Kyiv September 17 to 21 to conduct review and planning meetings with EPT/Kyiv and AID/Kyiv</p> <p>Submitted request to AID/W for approval to restructure the Moldova program and to modify the DO9 project management scheme</p>		<p>Conduct by Project Director of review and planning meetings with EPT/Almaty and AID/Almaty in November</p> <p>Conduct by Deputy Project Director of review and planning meetings with EPT/Kyiv and AID/Kyiv in December 1995</p>
3. Recruit Personnel	See Almaty Regional Office and West NIS Regional Office personnel fielded		
4. Prepare Program and Financial Reports	<p>Submitted to AID/W information on host-country in-kind contributions to EPT Project</p> <p>Submitted to AID/W quarterly report on expenditures and accruals</p> <p>Continued work on developing new monthly progress report, highlighting progress made in achieving impacts and meeting targets</p>	Q4 FY95 report on expenditures and accruals, September 13, 1995	Submission in October-November 1995 of monthly progress reports in new format for September, August, and July 1995

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Washington, D.C., Headquarters, Central Asian Republics Regional Office, Russian Federation Regional Office, and West NIS Regional Office
Project Management
Core and DOs - Program Status
September 1995

Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months
5. Disseminate Information	<p>Completed draft of the English-language <i>EPT Update</i> and feature articles for the Russian-language <i>EPT Update</i></p> <p>Developed set of 6 fact sheets on CAR projects</p> <p>Drafted text for a new brochure on the Novokuznetsk project</p> <p>Assisted USAID's publications coordinator in developing materials for the Sofia Conference</p>		<p>Preparation of communications plan in October 1995 and initiation of new outreach efforts</p> <p>Development of a new 2-page <i>EPT Project</i> fact sheet</p> <p>Development of a brochure for the Novokuznetsk project</p> <p>Completion of the <i>United States-Russian Environmental Cooperation</i> brochure</p> <p>Translation into Russian, Ukrainian, and Romanian of the main brochure for the Sofia Conference</p>
6. Carry Out Other Project Management Activities	Assembled documents for project evaluation team		Provision of materials to and conduct of interviews with project evaluation team in October-November 1995

Washington, D.C., Headquarters, Central Asian Republics Regional Office, Russian Federation Regional Office, and West NIS Regional Office
Project Management
Core and DOs - Program Status
September 1995

Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months
Central Asian Republics Regional Office			
1. Respond to Requests for Delivery Order	Provided justification information for DO2 no-cost extension		
2. Develop Workplans and Budgets	Completed Uzbekistan workplan (DOs 6 and 12). Continued work on development of Turkmenistan (DOs 2 and 12) and Kazakstan (DOs 7 and 12) workplans		Completion of Turkmenistan and Kazakstan workplans Preparation of workplan-based budget projections for DOs 2, 6, 7, 8, and 12 in November 1995
3. Recruit Personnel	Fielded long-term Operations Coordinator, September 18 Fielded long-term Regional Policy Coordinator, September 21		Fielding of long-term Regional Engineering Coordinator in early October 1995
4. Prepare Program and Financial Reports	Provided information to EPT/W on host-country in-kind contributions to EPT Project		
5. Disseminate Information	Regional Director prepared a briefing paper and attended the UNDP International Conference on Sustainable Development of the Aral Sea Basin	<i>EPT Field Briefing Paper: U.S. Aral Sea Program, September 1995</i>	Attendance by the Regional Director at the OSCE Seminar on Rehabilitating the Environment in Urgench in October 1995
6. Carry Out Other Project Management Activities	Assembled documents for project evaluation team Began work to obtain registration in Kazakstan		Provision of materials to and conduct of interviews with project evaluation team in October-November 1995

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Washington, D.C., Headquarters, Central Asian Republics Regional Office, Russian Federation Regional Office, and West NIS Regional Office
Project Management
Core and DOs - Program Status
September 1995

Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months
West NIS Regional Office			
1. Respond to Requests for Delivery Order			
2. Develop Workplans and Budgets	Continued preparation of DO9 and DO13 workplans Developed draft workplan-based budget projections for DOs 5, 9, and 13 Moldova Country Manager visited Washington to meet with EPT/W and AID/W to review Moldova program implementation/scheduling options and to discuss candidacy for Ukraine Country Manager position		Submission of DO9 and DO13 workplans by October 27, 1995 Finalization of workplan-based budget projections for DOs 5, 9, and 13
3. Recruit Personnel	Fielded 2 long-term personnel: Regional Finance and Administration Manager, September 2; Lviv Task Manager, September 18; Donetsk Task Manager, September 24		
4. Prepare Program and Financial Reports	Provided information to EPT/W on host-country in-kind contributions to EPT Project		
5. Disseminate Information	Prepared Briefing Paper on EPT	<i>Ukraine, Belarus, and Moldova, Delivery Order #9 Briefing Notes, September 1995</i>	
6. Carry Out Other Project Management Activities	Assembled documents for project evaluation team		Provision of materials to and conduct of interviews with project evaluation team in October-November 1995

Washington, D.C., Headquarters, Central Asian Republics Regional Office, Russian Federation Regional Office, and West NIS Regional Office
Project Management
Core and DOs - Program Status
September 1995

Key Activities	Major Implementation Accomplishments This Month	Outputs Produced	Upcoming Outreach Opportunities/Plans for Next Two Months
Russian Federation Regional Office			
1. Respond to Requests for Delivery Order	<p>Provided justification information for DOI no-cost extension</p> <p>Provided information for DO10 MOD4</p>		
2. Develop Workplans and Budgets	<p>Developed workplan-based budget projections for DOs 1, 10, and 11</p> <p>Submitted request to AID/Moscow to revise RFE workplan to shift approximately \$580,000 in funding from Planning Best Forestry Practices and policy-related tasks to equipment needed for Reforestation Technology and Enhanced Regeneration</p>		<p>Completion of work schedules for EPT Russia projects</p> <p>Preparation of Project Notebook for DOI in October-November 1995</p> <p>Updating of workplan for Field Support Component of DO10 in October-November 1995</p> <p>Development of RFE task-level workplans in October-November 1995</p>
3. Recruit Personnel	Identified candidate for expatriate Khabarovsk-based Forester position and began negotiations		Complete negotiations with candidate for expatriate Khabarovsk-based Forester position
4. Prepare Program and Financial Reports	Provided information to EPT/W on host-country in-kind contributions to EPT Project		
5. Disseminate Information	<p>Outlined EPT Project's approach to assisting the RFE with forest management at the International Conference on Resource Management in the Sea of Japan Region</p> <p>Presented paper at NDF Conference on "Legal Aspects of Natural Resource Use"</p>		
6. Carry Out Other Project Management Activities	<p>Assembled documents for project evaluation team</p> <p>Continued work to obtain local accreditation in the RFE</p>		Provision of materials to and conduct of interviews with project evaluation team in October-November 1995

Key Issues: None

C H L M Hill
45608

MEMORANDUM

TO: Ron Greenberg, COTR, USAID/Washington
COPIES: Gerry Gold, CS, USAID/Washington
FROM: Sandy Hale, EPT/Washington
DATE: March 10, 1995
SUBJECT: February Monthly Summary Report

Attached is the February Monthly Summary Report for the Environmental Policy and Technology Project. Financial information will be provided separately. Please call me if you have questions or comments about the content of the reports.

attachment

ENI / E EOD / ENR

~~ENI~~

CCN-0003-Q-00-3165

EPT Project February 1995 Monthly Summary Report

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EPT Project Monthly Summary Report / February 1995

Region / Country Russian Federation
Project Area Novokuznetsk - Multiple Pollution Sources Management
Delivery Orders 01 and 10

Task Description – The Novokuznetsk (NVK) Project has two goals: to reduce pollution-related risks to public health and to contribute to environmentally sustainable economic development. The pollution program focuses on improving drinking water and reducing air pollution. The sustainable development program supports the city's strategic planning process for achieving economic and social restructuring, and provides guidance and training for new entrepreneurs and matchmaking with U.S. companies.

Activities for Month – (1) On Feb. 3, Ray Reaves and Richard Day, briefed USAID/Moscow on the successful results of the first stage in the NVK 2010 process (Task 6). (2) Steffen Plehn conducted a performance evaluation of the Novokuznetsk Development Fund on Feb. 3-4. A meeting of the Board of the Fund is scheduled for mid-March to take action on Plehn's recommendations. (3) Plehn, Tom Higgins, Mark Hodges and Bob Erikson briefed USAID/Moscow on their forthcoming trip to NVK to take steps to implement Air Pollution (Task 4) and Industrial Audit (Task 5). They have proposed to focus Phase 2 on industrial energy use and district heating plants, which have the greatest potential for near-term reduction in environmental health risks.

(4) Higgins, Hodges and Erikson were in NVK, Feb. 8-18. Hodges began the air pollution inventory development process and surveyed ambient monitoring stations. Higgins and Erikson selected the sites for the second round of audits to be held in March and April. Both task managers appointed and worked with their respective Working Groups and selected Russian staff to support future activities. USAID/Moscow was briefed on the trip accomplishments on Feb. 20. (5) Don Carter of the NVK 2010 team (Task 6) gave a brown bag lunch presentation on the first round of 2010 to the EPT/Washington staff and Carl Mitchell on Feb. 15. (6) Plehn, Higgins and Sandy Hale met with Mitchell and Marshall Fisher on Feb. 27 to discuss the industrial environmental audit task (Task 5). Insights will strengthen not only Phase 2, but similar approaches elsewhere in the NIS, e.g., Donetsk, Ukraine. (7) Site Manager Peter Niederberger and Business Manager Irina Niederberger were in Moscow Feb. 28-Mar. 3 for project coordination meetings. (8) Plehn and Day worked on the relative risk assessment report under Task 2.

Status of Deliverables – Relative risk assessment report under Task 2 will be submitted before Mar. 10

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Drinking Water Task Manager Randy Hoffman will brief USAID/Moscow on his way to NVK for a 2-week visit to initiate drinking water activities for 1995 (Task 3). (2) The industrial environmental auditing team (Task 5) will be in NVK in late March and April to conduct the second round of audits, including the cement plant, a thermal electric power station, and four boilers. (3) The NVK 2010 team (Task 6) will hold a team meeting, Mar. 19-20, to plan the second

phase of the process. (4) Ann Rubin and Priscilla Young, EPT/Moscow, will travel to NVK on Mar. 20 to follow up on public participation (including preparation for a seminar on public participation in early May), and business development and training activities, respectively (Task 6).

Issues / Problems / Recommendations - There still are important and unresolved issues regarding the role and operations of the Novokuznetsk Development Fund.

EPT Project Monthly Summary Report / February 1995

Region/Country	Russian Federation
Project Area	RFE Sustainable Natural Resources Management Program
Delivery Orders	O1 and 11

Task Description – The program in the Russian Far East (RFE) Territories of Khabarovsk and Primorye has two goals. First, it will protect the region's biologically diverse flora and fauna. Simultaneously, it will show how the area's natural resources, primarily its forests, can be used for sustainable economic development. An important element of the program is the building of a strong institutional framework for sustainable natural resources management. This is being done by strengthening government policies and business incentives, supporting integrated resources management planning and promoting U.S.-Russian partnerships for sustainable development and nongovernmental organization (NGO) strengthening.

Activities for Month – (1) EPT/RFE Project Manager Dean Stepanek and EPT Project Director Sandy Hale traveled to Moscow from Feb. 10-18 and Feb. 12-23, respectively, to complete the work plan in concert with the Harvard Institute for International Development, ISAR and the U.S. Forest Service. The work plan is being translated into Russian for review by Russian colleagues in the Russian Far East and elsewhere. (2) Stepanek returned to the Russian Far East Feb. 18. He met with senior managers in both krai and agreed on approaches to using the recently completed economic ecological studies to secure approval of the designation of three new or expanded protected areas. (3) By-laws for the Project Coordinating Committees were drafted and translated and presented at meetings of the committees, held during the week of February 6 (task 1.2) resulted in broad agreement among GIS Systems managers and users to cooperate and to develop protocol for open exchange of information. (4) A GIS workshop was conducted from February 6-10 (Task 1.2d). (5) A contract was signed with the Wildlife Foundation in Khabarovsk for support of ethnic protected areas in the Django region of the Khor River Basin. (6) An article on the Russian Far East Project was published in the February issue of the Russian Conservation Journal. (7) Small grants program procedures and board established, and initial proposals solicited from NGOs for board review.

Status of Deliverables – Revised Delivery Order 11 work plan submitted to USAID/Moscow and USAID/Washington; GIS workshop conducted (Task 1.2d).

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Sergey Sheveiko will go to the Far East Mar. 9 to coordinate biodiversity activities initiated by the contracts with WWF, the Wildlife Foundation in Khabarovsk and others. Dean Stepanek will return to the Far East in mid-March to establish permanent residence. Natasha Donets will go to Vladivostok to reside there and to work on the project in the capacity of institutional development specialist. Priscilla Young and Olga Denisenko, EPT/Moscow, will travel to the RFE in mid-April to identify and assess institutions to carry out elements of the Delivery Order 11 training plan. Kevin Rushing, USAID/Moscow, and Jim Tarrant, USAID/Washington, will travel to the RFE in late March to obtain final counterpart approval of the work plan.

Issues/Problems/Recommendations - Not applicable

EPT Project Monthly Summary Report / February 1995

Region / Country Russian Federation
Project Area Nizhnii Tagil - Industrial Environmental Management
Delivery Orders 01 and 10

Task Description – This pilot project is helping the city prioritize environmental health risks and undertake low-cost/no-cost options to reduce pollution during transition to non-defense production. Lessons learned will be applied to other communities that are balancing environmental concerns with efforts to provide new jobs.

Note: CH2M HILL provides limited support as requested by the lead implementor, the U.S. Environmental Protection Agency (USEPA). This report is limited to CH2M HILL's activities.

Activities for Month – (1) Study Tour: EPT/Moscow provided all logistical support in preparation for Nizhnii Tagil study tour to the United States, March 4-12. (2) Training on pollution prevention was conducted from Feb. 20-26 in Nizhnii Tagil. Training on environmental policy was conducted in Nizhnii Tagil from Feb. 13-17 and Feb. 20-24. (3) Susan Wobst, Institute for Sustainable Communities, met with the EPT/Moscow Office staff to discuss training activities in Nizhnii Tagil on Feb. 17. (4) The Nizhnii Tagil Project Steering Committee met in Washington, Feb. 6-7.

Status of Deliverables – Not applicable for February.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Not applicable for February.

Issues / Problems / Recommendations – USAID and USEPA are discussing what role, if any, CH2M HILL should play on their project once current activities are completed.

EPT Project Monthly Summary Report / February 1995

Region / Country	Russian Federation
Project Area	Other Tasks and Projects
Delivery Orders	01, 10

Task Description – Goals for all projects are environmentally sound business development, training, environmental action planning, nongovernmental organization (NGO) strengthening and partnerships (advocacy groups, educational institutes, professional associations), pollution prevention and law reform. Additional projects in the Russian Federation in which CH2M HILL is involved are (1) the Moscow Water Quality and Small Watershed Management Project, (2) the Volgograd Air Quality and Management Project and (3) Legal Task Force. The Volgograd demonstration project focuses on improving air quality monitoring methods, developing new policies, regulations and standards for reduced emissions, and identifying low-cost and no-cost pollution-reduction options. The Moscow water project demonstrates new approaches throughout the Moscow region to assess and reduce human health risks, prioritize and control sources of water pollution, and manage watersheds on an integrated, resource-effective basis. The purpose of the Legal Task Force is to support the air and water demonstration projects by integrating legal considerations into environmental planning and implementation and by building effective working relationships between Russian environmental lawyers and the technical and policy officials of the Russian environmental protection apparatus.

Activities for Month – (1) The Russian Environmental Legal Task Force Meeting was conducted from Feb. 28 - March 2, 1995. CH2M HILL provided logistics support as well as participating substantially. Thirty-two participants from USEPA, the Russian Ministry of Environment, the Russian Academy of Sciences, the State Duma and Government, and lawyers from the private sector were in attendance. As a result of the meeting, a Russian-American working group was established to provide on-going legal support and advice to EPT's environmental demonstration projects. The next formal meeting of the legal working group will be June 14-16, 1995.

Status of Deliverables – The issue of long-term CH2M HILL support on USEPA-led projects is under discussion.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Not applicable for February.

Issues / Problems / Recommendations – Not applicable for February.

EPT Project Monthly Summary Report / February 1995

Region / Country	West NIS
Project Area	Ukraine, Belarus and Moldova
Delivery Order	05

Task Description – Major EPT Project activities to be undertaken in West NIS under Delivery Order 05 are divided into four tasks. *Task 1/Priority Setting and Consensus Building:* Initiate dialogue with Ukrainian environmental agencies, and seek consensus between such agencies and USAID regarding the EPT Project environmental assistance program through joint participation in a forum. *Task 2/Immediate Information Requirements:* Undertake several quick-start activities that would demonstrate USAID's commitment to providing environmental assistance to West NIS countries, as well as gather information on existing environmental laws and management agencies. *Task 3/Program Start-Up Team:* Evaluate major environmental issues in Ukraine, Belarus and Moldova, and identify possible environmental assistance activities that could be funded under subsequent delivery orders. If required by USAID, short-term specialists could also evaluate specific topics. *Task 4/Sub-Project Start-Ups:* At the direction of USAID, rapidly implement activities which the agency wants undertaken, in response to important short-term needs.

Activities for Month – *Task 1/Priority Setting and Consensus Building:* (1) Regional Director Ties van Kempen and EPT Project Director Sandy Hale provided strategy recommendations to a team composed of USAID/Kiev and USAID/Washington. (2) Country Director Jim Holderbaum prepared a first draft work plan for Moldova, which is being reviewed internally within EPT. *Task 2/Immediate Information Requirements:* (1) Environmental Directories – Work continued on improving draft environmental directory for Ukraine and Belarus. (2) Analytical Laboratories – No activity. (3) English Translations of Ukrainian Environmental Laws – Translations of Ukrainian environmental laws into English continued to be undertaken by Ukrainian translators. (4) Initiate Ukraine Environmental Health Atlas – No activity. *Task 3/Program Start-Up Team:* Editor arrived in Kiev and commenced work on editing reports prepared by consultants who had previously worked in West NIS under this task. (Note: Unedited reports have previously been submitted to USAID/Kiev for review and comment.) *Task 4/Sub-Project Start-Ups:* No tasks authorized; no activity undertaken.

Status of Deliverables – *Task 1/Priority Setting and Consensus Building:* Forum held November 3-4; deliverable completed. Forum notes were prepared and a final submitted to USAID/Kiev and USAID/Washington. *Task 2/Immediate Information Requirements:* (1) *English translation of Ukrainian environmental laws/regulations* – Translations begun. (2) *Survey and evaluation of environmental laws* – Activity to commence following completion of translations. (3) *Separate directories of environmental agencies and institutions in Ukraine, Belarus and Moldova* – Preliminary drafts of directories completed. (4) *Survey and evaluation of GIS capabilities* – Survey completed and preliminary draft submitted. (5) *Survey and evaluation of analytical chemical capabilities* – Survey completed and preliminary draft submitted. (6) *Initiate Ukraine environmental health atlas by Murray Feshbach* – Initia-

tion completed and preliminary draft submitted. **Task 3/Program Start-Up Team:** (1) *Report on important issues and suggest scopes of work for environmental projects in the following broad categories of the water sector, environmental economics and policy, environmental institutions, environmental engineering and environmental health* – Preliminary draft reports, that include scopes of work, were prepared and submitted to USAID/Kiev for all the previously listed categories except environmental health due to the difficulty in finding a suitable specialist. (2) *Conduct environmental health risk workshop in Moldova* – Search begun for suitable workshop presenter. (3) *Short-term assignments, as specified by USAID* – Survey conducted and final report submitted on potential assistance project in Crimea for repatriated Tatar population. **Task 4/Sub-Project Start-Ups:** *None defined as yet by USAID* – No work commenced.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) West NIS Regional Director to attend workshop in Vienna at end of March. Workshop on "International Financial Instruments for Environmental Investments in Central and Eastern European Countries." (2) Editor to continue editing reports prepared under Task 3.

Issues / Problems / Recommendations – In view of EPT Project's difficulty in finding a suitable environmental risk specialist to conduct a review of environmental health issues under Task 3, does USAID/Kiev want to reassign money to other tasks, or delay this task until the start of summer 1995, when a suitable candidate may be identified from a university during summer recess?

EPT Project Monthly Summary Report / February 1995

Region / Country	West NIS
Project Area	Ukraine, Belarus and Moldova
Delivery Order	09

Task Description – Activities to be undertaken under Delivery Order 09 largely follow from work performed in Tasks 2 and 3 of Delivery Order 05. While preliminary work scopes were identified by USAID in Delivery Order 09, these are subject to change as a result of undertaking Delivery Order 05 tasks, as well as receipt by USAID of requests for assistance by host countries. To date, only three tasks have been initiated: *Task 1/Tatar Water and Sanitation Assistance*: implementing assistance to repatriated Tatar peoples in Crimea (assistance proposals were evaluated as part of Task 3 in Delivery Order 05); *Task 2/Work Plans*: preparation of Work Plans; and *Task 3/Moldova Satellite Office*: establishment of an EPT Project West NIS Region satellite office in Moldova.

Activities for Month – *Task 1/Tatar Water and Sanitation Assistance*: Purchase Order for water transmission pipe was finalized for signing. An EPT Project water/sanitation engineer traveled to Bachisaray, Crimea, for meetings and field visits, and discovered that most of the transmission pipeline had already been installed. Briefings were held with USAID and EPT/Washington, and the procurement of replacement pipe (including signing of the Purchase Order) was temporarily suspended by USAID/Kiev. *Task 2/Work Plans*: Meetings were held with representatives of USAID/Washington and USAID/Kiev to discuss activities that USAID may want the EPT Project contractor to undertake in Ukraine and Moldova under Delivery Order 09. *Task 3/Moldova Satellite Office*: Jim Holderbaum, Manager of Delivery Order 09 activities in Moldova, continued with the establishment of the Chisinau satellite office.

Status of Deliverables – *Task 1/Tatar Water and Sanitation Assistance*: (1) *Work Plan* – To be prepared following receipt from USAID/Kiev of scopes of work for Delivery Order 09 tasks. (2) *Evaluate environmental health problems in and around Simferopol* – Completed. (3) *Prepare report of findings of environmental health evaluation* – Completed. (4) *Prepare report on proposed equipment* – Completed. (5) *Procure and arrange installation of proposed assistance equipment (water transmission pipe, laboratory testing equipment)* – Commenced. (6) *Arrange training on use of laboratory equipment* – To be undertaken following delivery and installation of equipment. (7) *Submit monthly status reports* – Being done each month. (8) *Provide a project completion report* – Will be undertaken following completion of project. (9) *Provide all transportation and logistics* – Completed for work performed to date. *Task 2/Work Plans*: Except for Moldova, USAID has indicated that work plan development be delayed until USAID has agreed on country strategies and the CH2M HILL role in project implementation. This is expected by the end of March. USAID/Kiev has indicated that it intends to modify some tasks described in the scopes of work in Delivery Order 09. Apart from the Tatar Water and Sanitation Assistance Project, the tasks to be revised, and the extent of revisions, have not yet been fully determined. Work Plans will be completed following EPT/Kiev's receipt of the revised work scopes.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Delivery Order 09 Work Plan to be completed following receipt by EPT/Kiev of USAID/Kiev's revised scopes of work. (2) Regarding the Tatar Water and Sanitation Assistance Project, USAID must direct the EPT Project contractor on its intentions regarding pipe procurement for the city of Bachisaray. If the procurement suspension is lifted by USAID, a signed Purchase order is to be transmitted to EPT/Washington for establishment of a Letter of Credit, which will initiate pipe manufacture and delivery. An EPT Project engineer will travel to Bachisaray for pipe reception and developing a draft public education training program. Procurement activities will proceed with the Bachisaray SES laboratory equipment by obtaining quotes for local purchase of all equipment.

Issues / Problems / Recommendations – Preparation of the Delivery Order 09 Work Plan will be completed following receipt by the EPT Project of work scopes that USAID/Kiev would like to have undertaken.

EPT Project Monthly Summary Report / February 1995

Region / Country	Turkmenistan
Project Area	Reverse Osmosis Water Treatment Plant and Public Health Education
Delivery Orders	02

Task Description – The Tashauz Reverse Osmosis (RO) Potable Water, Public Health Education and Laboratory Assistance Project will provide an RO drinking water treatment system to a region with the highest infant mortality in the Aral Sea Basin. Public health, sanitation and health education training activities complement the technical component.

Activities for Month – (1) A representative of the RO plant manufacturer arrived on site and initiated assembly of the RO plant. The on-site resident construction manager was evacuated from the site due to illness. The project manager was mobilized on site to review and direct construction activities in the interim until a construction manager is identified and mobilized on site. (2) A water quality specialist was mobilized to accompany the World Bank team to conduct a water quality survey; the specialist's draft report has been submitted to USAID for review. (3) Dale Fackler, CAR Field Finance Director, arrived in Almaty on long-term status.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Regional Director to visit the RO plant site. (2) The Project Manager will return to the United States after the new resident/construction manager is mobilized on site.

Issues / Problems / Recommendations – The Government of Turkmenistan is working on the raw water supply line; efforts are needed to expedite progress. The area around the site is being flooded in preparation for planting. This is causing the water table at the site to rise, hampering some of the construction activities as the Turkmens do not have dewatering equipment on site.

EPT Project Monthly Summary Report / February 1995

Region / Country Kazakhstan, Turkmenistan and Uzbekistan
Project Area Predesign Activities for Potable Water Projects in Aral Sea Basin and Central Asian Republics (CAR) Environmental Action Plan (EAP)
Delivery Orders 04

Task Description – The Aral Sea problems are recognized as an environmental crisis of critical dimensions to the CAR. Mismanagement of the water systems has resulted in declining flows and increasing pollution of the rivers tributary to the Aral Sea; this has led to serious public health problems in communities around the Aral Sea. Delivery Order 04 provides for technical assistance support to the Regional USAID Mission for the CAR in (1) implementing start-up tasks required following the execution of the Memorandums of Understanding (MOU) for Kazakhstan, Turkmenistan and Uzbekistan, and (2) developing a United States Government interagency EAP for the region.

Activities for Month – All field activities were previously completed. As a result, there were no significant activities in February. Discussions are being held with USAID/Almaty on finalizing this delivery order.

Status of Deliverables – Deliverables were submitted previously; final close-out in progress.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – None.

Issues / Problems / Recommendations – Not applicable for February.

EPT Project Monthly Summary Report / February 1995

Region / Country	Uzbekistan
Project Area	Water Treatment and Public Health Education
Delivery Orders	06

Task Description – The Potable Water, Public Health Education and Laboratory Assistance Project in Uzbekistan’s Karakalpakstan Republic will modify two municipal water treatment plants serving Nukus and Urgench to improve effluent water quality. Plant operations and maintenance, as well as water quality laboratory capabilities will be addressed. This activity includes public health training of local sanitary epidemiological services and health education.

Activities for Month – (1) The laboratory equipment arrived in Tashkent in late February and was installed at the Nukus and Urgench plant. (2) Bids for chlorination equipment were received and evaluated.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Regional Director to travel to Tashkent and accompany the US Ambassador to the laboratories recently setup by EPT. Purchase and shipment of the chlorination equipment

Issues / Problems / Recommendations – EPT has not received any comments from the Government of Uzbekistan on the report that was submitted by EPT/Almaty related to future activities.

EPT Project Monthly Summary Report / February 1995

Region / Country Kazakhstan, Turkmenistan and Uzbekistan
Project Area Predesign Activities for Potable Water Projects in Aral Sea Basin and Central Asian Republics (CAR) Environmental Action Plan (EAP)
Delivery Orders 04

Task Description – The Aral Sea problems are recognized as an environmental crisis of critical dimensions to the CAR. Mismanagement of the water systems has resulted in declining flows and increasing pollution of the rivers tributary to the Aral Sea; this has led to serious public health problems in communities around the Aral Sea. Delivery Order 04 provides for technical assistance support to the Regional USAID Mission for the CAR in (1) implementing start-up tasks required following the execution of the Memorandums of Understanding (MOU) for Kazakhstan, Turkmenistan and Uzbekistan, and (2) developing a United States Government interagency EAP for the region.

Activities for Month – All field activities were previously completed. As a result, there were no significant activities in February. Discussions are being held with USAID/Almaty on finalizing this delivery order.

Status of Deliverables – Deliverables were submitted previously; final close-out in progress.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – None.

Issues / Problems / Recommendations – Not applicable for February.

EPT Project Monthly Summary Report / February 1995

Region / Country Kazakhstan
Project Area Aralsk-Kazalinsk Potable Water Distribution System
Delivery Orders 07

Task Description – The Potable Water Branch Distribution System, Public Health Education and Laboratory Assistance Project extends availability of piped drinking water to the cities of Aralsk and Kazalinsk, and improves the present water distribution system as needed. It also supports improvement in public health and sanitation practices.

Activities for Month – (1) Water quality laboratory equipment was installed and laboratory technician training on the operation and maintenance of the equipment was provided. (2) Bids for chlorination equipment were received and evaluated. (3) Regional project coordinator met with Kazakh engineers to review the water transmission system and proposed improvements.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Purchase and ship eight chlorinators. (2) Finalize list, and prepare bid specifications, for other equipment for the transmission system.

Issues / Problems / Recommendations – Discussions are in progress with the Kazakhs regarding other future activities; decisions need to be made soon.

EPT Project Monthly Summary Report / February 1995

Region / Country Central Asian Republics
Project Area Regional Water Management and Cooperation
Delivery Orders 08

Task Description - This delivery order provides for a series of events, including workshops, a conference, partnerships, research and other means of fostering regional cooperation in the area of water resources.

Activities for Month - Strategy for regional water management and cooperation is being developed. After the strategy is approved by USAID, a candidate will be selected for coordinating all work activities from Almaty.

Status of Deliverables - Not applicable.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) - Prepare for the workshop in Ashgabat in May. This will include a short-term staff to organize the workshop and make presentations.

Issues / Problems / Recommendations - (1) The date for the spring workshop will be re-scheduled based on input from USAID/Almaty. (2) The position of Water Management Coordinator needs to be approved immediately so that future work activities can be planned and implemented.

EPT Project Monthly Summary Report / February 1995

Region / Country	NIS
Project Area	Core Activities in the USA not covered under Delivery Orders
Delivery Orders	Not applicable

Activities for Month - (1) EPT/Washington continued working on the 1st Quarter issue of *EPT Update*. EPT/Washington is exploring the option of having the Russian-language version of the newsletter designed and printed in Moscow. (2) Deputy Director of Finance Benjamin Stauss began work in Washington (position formerly filled by Vincent Dinan). (3) A Regional Project Coordinator (RPC) and Field Finance Director (FFD) began work in the CAR Region. (4) Reviewed Core Work Plan with USAID.

Status of Deliverables - None.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) - Finalize Core Work Plan with USAID.

Issues / Problems / Recommendations - (1) We need to modify the Core Contract to conform with Option 1 discussed in the Core Work Plan. (2) We need to finalize funding to carry the Core Contract until the end of FY 1995.

EPT Project

January 1995 Monthly Summary Report

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Region / Country	Russian Federation
Project Area	Novokuznetsk - Multiple Pollution Sources Management
Delivery Orders	01 and 10

Task Description – The Novokuznetsk (NVK) Project has two goals: to reduce pollution-related risks to public health and to contribute to environmentally sustainable economic development. The pollution program focuses on improving drinking water and reducing air pollution. The sustainable development program supports the city's strategic planning process for achieving economic and social restructuring, and provides guidance and training for new entrepreneurs and matchmaking with U.S. companies.

Activities for Month – (1) Revised work plan was submitted to USAID/Washington and USAID/Moscow. (2) Steffen Plehn delivered a briefing on the NVK Project to the D.C. Interagency on Jan. 12. (3) Ray Reaves traveled to Moscow en route to Novokuznetsk to brief the EPT/Moscow Office and USAID/Moscow on the status of "Novokuznetsk 2010" project. The first stage in the NVK 2010 planning process was successfully completed, Jan. 23 to Feb. 1, in NVK. A team of 12 American experts met with Russian colleagues in NVK for 8 days of working group meetings and data collection. Ann Rubin, Priscilla Young and Olga Denisenko, technical advisors from EPT/Moscow, traveled to NVK, Jan. 15 to Feb. 1, to participate in and provide support to the working group meetings and related activities of the NVK 2010 process. A public forum and press conference were conducted in NVK to report findings. On Feb. 3, Ray Reaves and Richard Day, U.S. consultant to the health working group for NVK 2010, briefed USAID/Moscow on the results of the first stage in the NVK 2010 process. (4) Plehn accompanied Allison Sartonov and Dmitri Kalgonov of USAID/Moscow to NVK on Jan. 29. The USAID representatives observed the NVK 2010 process and returned to Moscow Feb. 2. (5) Plehn conducted a performance evaluation of the NVK Fund, Feb. 3-4.

Status of Deliverables – Work plan submitted to USAID/Washington and USAID/Moscow.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – U.S. experts Mark Hodges, Tom Higgins and Robert Erkson will brief USAID/Moscow on their way to NVK in early February to initiate an emission inventory process, survey ambient monitoring stations, select sites for combined energy and environmental audits, and select local staff for supporting these activities.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / January 1995

Region/Country Russian Federation
Project Area RFE Sustainable Natural Resources Management Program
Delivery Orders O1 and 11

Task Description – The program in the Russian Far East (RFE) Territories of Khabarovsk and Primorye has two goals. First, it will protect the region's biologically diverse flora and fauna. Simultaneously, it will show how the area's natural resources, primarily its forests, can be used for economic development in a sustainable fashion. An important element of the program is the building of a strong institutional framework for sustainable natural resources management. This is being done by strengthening government policies and business incentives, supporting integrated resources management planning and promoting U.S.-Russian partnerships for sustainable development and nongovernmental organization (NGO) strengthening.

Activities for Month – (1) A 16-day study tour for Khabarovsk Krai Vice-Governor Alexander Levental and two senior advisors from Khabarovsk and Primorye Krai was completed. Discussions were held with federal, state and local officials in Washington, D.C., and the Pacific Northwest regarding investment in and assistance in the RFE. Field visits to forest-related industries were conducted in Pennsylvania and Oregon. (DO 11, Task 1.3) (2) Project Manager Dean Stepanek was deployed to the RFE. Vladivostok and Khabarovsk offices were established. (3) Plans for the Feb. 6-10 GIS workshop (DO 11, Task 1.2d) were completed. (4) Start-up activities initiated with: the U.S. Forest Service (DO 11, Tasks 2.2b/2.2c, fire control and reforestation); University of Alaska (DO 11, Task 2.1a, small enterprise fund, business training); and the World Wildlife Fund (component 3, biodiversity). (5) The ISAR grant program was established and applications for RFE board review are being received (DO, Task 1.3d). (6) HIID's RFE partners were identified (DO 11, Task 1.1). (7) Meetings with the two krai Project Coordinating Committees (PCCs) are planned for the week of Feb. 6 (DO 11, Task 1.2). (8) A report on the use of Yellow Birch in the St. Petersburg area was submitted (DO 11, Tasks 2.1b/2.1c). (9) A database on RFE banking institutions was completed (DO 11, Task 2.1b). Several small enterprises were identified for consideration for business training and potential loans under the small enterprise fund (DO 11, Task 2.1c).

Status of Deliverables – (1) DO 11 Work plan delivered to USAID/Washington and USAID/Moscow. (2) Pacific Geographic Institute completed first phase of ecologic/economic study in support of three national parks and one krai park (DO 11, Task 3.1). (3) Comments will be solicited from rayon administrations in early February. (4) A study report on the use of Yellow Birch in the St. Petersburg region was completed. (5) A database on RFE banking institutions was completed and will be sent to the local rayon in February.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) The GIS workshop will be held February 6-10. (2) A contract with the Wildlife Foundation in Khabarovsk will be signed in early February, for support of ethnic protected areas (subsistence-type lands for native peoples) in the Django region of the Khor River Basin. (3) Project Manager Dean Stepanek goes to Moscow to participate in final discussions on the RFE work plan, prior to its approval by USAID/Moscow.

Issues/Problems/Recommendations – Not applicable for January.

EPT Project Monthly Summary Report / January 1995

Region / Country Russian Federation
Project Area Nizhnii Tagil - Industrial Environmental Management
Delivery Orders 01 and 10

Task Description – This pilot project is helping the city prioritize environmental health risks and undertake low-cost/no-cost options to reduce pollution during transition to non-defense production. Lessons learned will be applied to other communities that are balancing environmental concerns with efforts to provide new jobs.

Note: CH2M HILL provides support as requested by the lead implementor, the U.S. Environmental Protection Agency (USEPA). This report is limited to the contractor's view of activities with which it has been directly involved to date, primarily the medical instruments audit, the industrial audits screening exercises, and the drinking water audit.

Activities for Month – (1) Work Plan: Work plan submitted to USAID/Washington and USAID/Moscow. (2) Office: Security issues resolved and alarm system installed at project office. International telephone line also installed. (3) Training/Education: Eight Russians were trained as facilitators for the "Principles of Environmental Enforcement Training" course. Eighteen Russians trained in environmental enforcement in Ekaterinburg, including representatives from oblast environment committee, and city administration for Chelyabinsk and Kamensk-Uralski. Training presented together with Russian facilitators. Fifteen Russians trained in Nizhnii Tagil also in cooperation with Russian facilitators. Seminar on environmental law held in Ekaterinburg at oblast environment committee which brought together 40 participants for a day-long seminar on comparisons of U.S. and Russian laws. (4) Meetings held with city administration to discuss upcoming trip to the United States for project steering committee, upcoming pollution prevention course and possibility of a USEPA representative setting up residence in Nizhnii Tagil.

Status of Deliverables – Work plan submitted to USAID/Washington and USAID/Moscow.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) EPT is assisting in the development of the plans and program for the Nizhnii Tagil study tour to the United States, now scheduled for late February or March 1995. (2) The Pollution Prevention training team departs for Nizhnii Tagil on Feb. 18; training will be conducted Feb. 20-26. (3) The Nizhnii Tagil Project Steering Committee meets in Washington, Feb. 6-7. (4) The policy training team arrives in Ekaterinburg, Feb. 9, then goes to Nizhnii Tagil; the policy course will be conducted, Feb. 13-17 and Feb. 20-24. (5) Environmental Education will be conducted at the Pedagogical Institute in Nizhnii Tagil, Feb. 20-24.

Issues / Problems / Recommendations – The schedule of activities (above) is too light to utilize the level of effort stated in the work plan. CH2M HILL will not be able to fulfill the work plan unless activities are accelerated. Discussions on this issue should take place among USAID, USEPA and EPT management in Moscow and Washington.

EPT Project Monthly Summary Report / January 1995

Region / Country Russian Federation
Project Area Other Tasks and Projects
Delivery Orders 01, 10

Task Description – Goals for all projects are environmentally sound business development, training, environmental action planning, nongovernmental organization (NGO) strengthening and partnerships (advocacy groups, educational institutes, professional associations), pollution prevention and law reform. Additional projects in the Russian Federation in which CH2M HILL is involved are (1) the Moscow Water Quality and Small Watershed Management Project, (2) the Volgograd Air Quality and Management Project and (3) Legal Task Force. The Volgograd demonstration project focuses on improving air quality monitoring methods, developing new policies, regulations and standards for reduced emissions, and identifying low-cost and no-cost pollution-reduction options. The Moscow water project demonstrates new approaches throughout the Moscow region to assess and reduce human health risks, prioritize and control sources of water pollution, and manage watersheds on an integrated, resource-effective basis. The purpose of the Legal Task Force is to support the air and water demonstration projects by integrating legal considerations into environmental planning and implementation and by building effective working relationships between Russian environmental lawyers and the technical and policy officials of the Russian environmental protection apparatus.

Activities for Month – For the Russian Environmental Law Legal Task Force Meeting: An organizer for the RELTF has been identified and hired, and coordination of the February meeting is in progress. RFPs for a meeting facilitator have been distributed and bids are currently under review.

Status of Deliverables – Fin assessment of Dmitrov, Tver and Gagar wastewater treatment plants completed.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – The RELTF meeting will take place in Moscow, Feb. 28 to March 2.

Issues / Problems / Recommendations – To be discussed in a report to U.S. Environmental Protection Agency.

EPT Project Monthly Summary Report / January 1995

Region / Country West NIS
Project Area Ukraine, Belarus and Moldova
Delivery Order 05

Task Description – Major EPT Project activities to be undertaken in West NIS under Delivery Order 05 are divided into four tasks. **Task 1/Priority Setting and Consensus Building:** Initiate dialogue with Ukrainian environmental agencies, and seek consensus between such agencies and USAID regarding the EPT Project environmental assistance program through joint participation in a forum. **Task 2/Immediate Information Requirements:** Undertake several quick-start activities that would demonstrate USAID's commitment to providing environmental assistance to West NIS countries, as well as gather information on existing environmental laws and management agencies. **Task 3/Program Start-Up Team:** Evaluate major environmental issues in Ukraine, Belarus and Moldova, and identify possible environmental assistance activities that could be funded under subsequent delivery orders. If required by USAID, short-term specialists could also evaluate specific topics. **Task 4/Sub-Project Start-Ups:** At the direction of USAID, rapidly implement activities which the agency wants undertaken, in response to important short-term needs.

Activities for Month – **Task 1/Priority Setting and Consensus Building:** Final English and Russian language translation of Forum summary was submitted to the Contracting Officer's Technical Representative (COTR), USAID/Washington, as well as the Ukrainian Ministry for Environmental Protection and Nuclear Safety. **Task 2/Immediate Information Requirements:** (1) Environmental Directories – Work continued on improving draft environmental directory for Ukraine and Belarus. (2) Analytical Laboratories – No activity. (3) English Translations of Ukrainian Environmental Laws – Translations into English continued by Ukrainian translators. (4) Initiate Ukraine Environmental Health Atlas – Environmental health data was compiled by Murray Feshbach (Georgetown University) from sources readily available in Washington, D.C., and submitted to USAID. **Task 3/Program Start-Up Team:** No activity. **Task 4/Sub-Project Start-Ups:** No activity.

Status of Deliverables – **Task 1/Priority Setting and Consensus Building:** Forum held November 3-4; deliverable completed. Forum notes were prepared and a final submitted to USAID/Kiev and USAID/Washington. **Task 2/Immediate Information Requirements:** (1) *English translation of Ukrainian environmental laws/regulations* – Translations begun. (2) *Survey and evaluation of environmental laws* – Activity to commence following completion of translations. (3) *Separate directories of environmental agencies and institutions in Ukraine, Belarus and Moldova* – Preliminary drafts of directories completed. (4) *Survey and evaluation of GIS capabilities* – Survey completed and preliminary draft submitted. (5) *Survey and evaluation of analytical chemical capabilities* – Survey completed and preliminary draft submitted. (6) *Initiate Ukraine environmental health atlas by Murray Feshbach* – Initiation completed and preliminary draft submitted. **Task 3/Program Start-Up Team:** (1) *Report on important issues and suggest scopes of work for environmental projects in the following broad categories of the water sector, environmental economics and policy, environmental in-*

stitutions, environmental engineering and environmental health – Preliminary draft reports, that include scopes of work, were prepared and submitted to USAID/Kiev for all the previously listed categories except environmental health due to the difficulty in finding a suitable specialist. (2) *Conduct environmental health risk workshop in Moldova* – Search begun for suitable workshop presenter. (3) *Short-term assignments, as specified by USAID* – Survey conducted and final report submitted on potential assistance project in Crimea for repatriated Tatar population. **Task 4/Sub-Project Start-Ups:** *None defined as yet by USAID* – No work commenced.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Editor to travel to EPT/Kiev in February for 4 to 5 weeks to edit approximately eight draft reports prepared under Tasks 1, 2 and 3 activities.

Issues / Problems / Recommendations – In view of the EPT Project's difficulty in finding a suitable environmental risk specialist to conduct a review of environmental health issues under Task 3, does USAID/Kiev want to reassign money to other tasks, or delay this task until the start of summer 1995, when a suitable candidate may be identified from a university during summer recess?

EPT Project Monthly Summary Report / January 1995

Region / Country West NIS
Project Area Ukraine, Belarus and Moldova
Delivery Order 09

Task Description – Activities to be undertaken under Delivery Order 09 largely follow from work performed in Tasks 2 and 3 of Delivery Order 05. While preliminary work scopes were identified by USAID in Delivery Order 09, these are subject to change as a result of undertaking Delivery Order 05 tasks, as well as receipt by USAID of requests for assistance by host countries. To date, only three tasks have been initiated: **Task 1/Tatar Water and Sanitation Assistance:** implementing assistance to repatriated Tatar peoples in Crimea (assistance proposals were evaluated as part of Task 3 in Delivery Order 05); **Task 2/Work Plans:** preparation of Work Plans; and **Task 3/Moldova Satellite Office:** establishment of an EPT Project West NIS Region satellite office in Moldova.

Activities for Month – **Task 1/Tatar Water and Sanitation Assistance:** Preparation of a purchase order to procure pipe, and submittal of the purchase order to USAID/Washington COTR for approval. **Task 2/Work Plans:** No activity. **Task 3/Moldova Satellite Office:** Jim Holderbaum, manager of Delivery Order 09 activities in Moldova, arrived in Chisinau in mid-January and established a satellite office.

Status of Deliverables – **Task 1/Tatar Water and Sanitation Assistance:** (1) *Work Plan* – To be prepared following receipt from USAID/Kiev of scopes of work for all Delivery Order 09 tasks. (2) *Evaluate environmental health problems in and around Simferopol* – Completed. (3) *Prepare report of findings of environmental health evaluation* – Completed. (4) *Prepare report on proposed equipment* – Completed. (5) *Procure and arrange installation of proposed assistance equipment (water transmission pipe, laboratory testing equipment)* – Commenced. Draft Purchase Order for pipe procurement submitted for approval to COTR, USAID/Washington. (6) *Arrange training on use of laboratory equipment* – To be undertaken following delivery and installation of equipment. (7) *Submit monthly status reports* – Being done each month. (8) *Provide a project completion report* – Will be undertaken following completion of project. (9) *Provide all transportation and logistics* – Completed for work performed to date. **Task 2/Work Plans:** USAID/Kiev has indicated to EPT/Kiev that it intends to modify some tasks described in the scopes of work in Delivery Order 09. The tasks to be revised, and the extent of revisions, have not yet been fully determined. The work plans will be completed following EPT/Kiev's receipt of the revised work scopes.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Delivery Order 09 Work Plan to be completed following receipt by EPT/Kiev of USAID/Kiev's revised scopes of work.

Issues / Problems / Recommendations – Preparation of the Delivery Order 09 Work Plan will be completed following receipt by the EPT Project of work scopes that USAID/Kiev would like to have undertaken.

EPT Project Monthly Summary Report / January 1995

Region / Country	Turkmenistan
Project Area	Reverse Osmosis Water Treatment Plant and Public Health Education
Delivery Orders	02

Task Description – The Tashauz Reverse Osmosis (RO) Potable Water, Public Health Education and Laboratory Assistance Project will provide an RO drinking water treatment system to a region with the highest infant mortality in the Aral Sea Basin. Public health, sanitation and health education training activities complement the technical component.

Activities for Month – (1) The RO plant arrived on site the third week of January and the RO specialist arrived Jan. 25. (2) After receiving the USAID request, EPT identified a water quality specialist who will work with a World Bank team and conduct a water quality survey for Turkmenistan. (3) Paul Dreyer, CAR Regional Director, attended the Prague meeting to discuss CAR activities with USAID.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) A water quality specialist will be in Turkmenistan, from on or about Feb. 9 to Mar. 2. (2) RO plant assembly will commence in February. (3) Dale Fackler, the designated CAR Field Finance Director will arrive in Almaty in mid-February.

Issues / Problems / Recommendations – The Government of Turkmenistan is working on the raw water supply line; efforts are needed to expedite progress.

EPT Project Monthly Summary Report / January 1995

Region / Country	Kazakhstan, Turkmenistan and Uzbekistan
Project Area	Pre-design Activities for Potable Water Projects in Aral Sea Basin and Central Asian Republics (CAR) Environmental Action Plan (EAP)
Delivery Orders	04

Task Description – The Aral Sea problems are recognized as an environmental crisis of critical dimensions to the CAR. Mismanagement of the water systems has resulted in declining flows and increasing pollution of the rivers tributary to the Aral Sea; this has led to serious public health problems in communities around the Aral Sea. Delivery Order 04 provides for technical assistance support to the Regional USAID Mission for the CAR in (1) implementing start-up tasks required following the execution of the Memorandums of Understanding (MOU) for Kazakhstan, Turkmenistan and Uzbekistan, and (2) developing a United States Government interagency EAP for the region.

Activities for Month – All field activities were previously completed. As a result, there were no significant activities in January. Discussions are being held with USAID/Almaty on finalizing this delivery order.

Status of Deliverables – Deliverables were submitted previously; final close-out in progress.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – None.

Issues / Problems / Recommendations – Not applicable.

EPT Project Monthly Summary Report / January 1995

Region / Country Uzbekistan
Project Area Water Treatment and Public Health Education
Delivery Orders 06

Task Description – The Potable Water, Public Health Education and Laboratory Assistance Project in Uzbekistan's Karakalpakstan Republic will modify two municipal water treatment plants serving Nukus and Urgench to improve effluent water quality. Plant operations and maintenance, as well as water quality laboratory capabilities will be addressed. This activity includes public health training of local sanitary epidemiological services and health education.

Activities for Month – (1) The laboratory equipment was procured and packaged for shipment. (2) For the chlorination equipment, design and bid solicitation documents were prepared.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) The laboratory equipment will be shipped in early February. (2) Bid documents on the chlorination equipment are due to EPT/Washington from vendors on Feb. 17.

Issues / Problems / Recommendations – EPT has not received any comments from the Government of Uzbekistan on the report that was submitted by EPT/Almaty related to future activities.

EPT Project Monthly Summary Report / January 1995

Region / Country Kazakhstan
Project Area Aralsk-Kazalinsk Potable Water Distribution System
Delivery Orders 07

Task Description – The Potable Water Branch Distribution System, Public Health Education and Laboratory Assistance Project extends availability of piped drinking water to the cities of Aralsk and Kazalinsk, and improves the present water distribution system as needed. It also supports improvement in public health and sanitation practices.

Activities for Month – (1) For the chlorination equipment, design and bid solicitation documents were prepared. (2) Laboratory installation: The laboratories for Kazakhstan arrived in Almaty in January. The team member who will install the laboratories in February received vendor training in January and then went in Almaty in late January. (3) Discussions were held with federal engineers in Almaty regarding the design and selection of the equipment for improvement to the transmission system.

Status of Deliverables – See Activities for Month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) The laboratory will be set up in February; the lab team will go to Aralsk to deliver and set the laboratory and train local technicians. (2) Discussions will be held with regional engineers on the selection of the equipment for improvements to the transmission system. (3) Design and bid solicitation documents will be prepared for the equipment to be supplied for improvements to the transmission system.

Issues / Problems / Recommendations – Discussions are in progress with the Kazakhs regarding other future activities; decisions needs to be made soon.

EPT Project Monthly Summary Report / January 1995

Region / Country Central Asian Republics
Project Area Regional Water Management and Cooperation
Delivery Orders 08

Task Description – This delivery order provides for a series of events, including workshops, a conference, partnerships, research and other means of fostering regional cooperation in the area of water resources.

Activities for Month – EPT identified several candidates for the Water Management Coordinator position. After the position is approved, a candidate will be selected and recommended to the USAID Mission in Almaty.

Status of Deliverables – Not applicable for January.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – None at this time.

Issues / Problems / Recommendations – (1) The date for the spring workshop will be re-scheduled based on input from USAID/Almaty. (2) The position of Water Management Coordinator needs to be approved immediately so that future work activities can be planned and implemented.

EPT Project Monthly Summary Report / January 1995

Region / Country	NIS
Project Area	Core Activities in the USA not covered under Delivery Orders
Delivery Orders	Not applicable

Activities for Month – (1) After submitting plans for the 1st and 2nd Quarter issues of the Project newsletter, *EPT Update*, EPT/Washington began working on the 1st Quarter issue in late January. EPT/Washington is exploring the option of having the Russian-language version of the newsletter designed and printed in Moscow. (2) EPT Project Director Sandy Hale, West NIS Regional Director Ties van Kempen and CAR Regional Director Paul Dreyer attended USAID's "Lessons Learned" meeting in Prague, the week of January 23. (3) A Deputy Director of Finance, Benjamin Stauss, was hired to replace the position formerly filled by Vincent Dinan (which was tentatively filled by Kris Buros). (4) A Regional Project Coordinator (RPC) and Field Finance Director (FFD) were hired for the CAR Region, and will be in Almaty by mid-February.

Status of Deliverables – The Core Work Plan is being reviewed by USAID/Washington and the regional missions.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Produce English and Russian versions of *EPT Update*. (2) RPC and FFD candidates for the Moscow Regional Office will be interviewed Feb. 2-3.

Issues / Problems / Recommendations – (1) EPT/Washington is awaiting final approval from USAID/Washington on the plans it submitted for the next two issues of *EPT Update*. The plans for articles are:

- **1st Quarter 1995 Issue**
 - Russian Vice Governors visit United States in January
 - Summary of HIID activities
 - Russian Federation update (emphasis on Moscow Watershed, Nizhnii Tagil)
 - West NIS update
 - A look at ISAR's recent activities
 - CAR update
 - Article on Ecojuris
 - Feature article on Novokuznetsk project

- **2nd Quarter 1995 Issue**
 - CAR update
 - A look at biodiversity projects (emphasis on RFE and Lake Baikal)
 - Russian Federation update
 - West NIS update
 - Focus on Gore-Chernomyrdin Commission (principles, relationship to EPT Project activities)
 - HIID activities
 - Focus on a Consortium subcontractor
 - ISAR activities

EPT Project

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Region / Country	Russian Federation
Project Area	Novokuznetsk - Multiple Pollution Sources Management
Delivery Orders	01 and 10

Task Description – The Novokuznetsk (NVK) Project has two goals: to reduce pollution-related risks to public health and to contribute to environmentally sustainable economic development. The pollution program focuses on improving drinking water, controlling air pollution and institutionalizing industrial environmental audits. The sustainable development program supports the city's strategic planning process for achieving economic and social restructuring, and provides guidance and training for new entrepreneurs and matchmaking with U.S. companies.

Activities for Month – Copies of the draft work plan for the Novokuznetsk project were submitted to USAID/Moscow for review on December 6, 1994. Moscow EPT staff also reviewed the work plan for integration with the Field Support Component of Delivery Orders 10 and 11. The EPT/Moscow staff prepared written comments for incorporation in the work plan by Steff Plehn, Project Manager.

Status of Deliverables – Draft work plan has been completed and submitted to USAID.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Project task managers will complete preparation of the NVK final work plan. The NVK 2010 team of experts will conduct the first working group sessions under the planning process in NVK in mid to late January 1995. Meetings will be held with EPT/Moscow and USAID/Moscow in early February to review progress and assess the need for any course corrections. In early February, task teams for Air Pollution Reduction and Industrial Environmental Management will spend several weeks in NVK beginning their 1995 programs.

Issues / Problems / Recommendations – A review is being conducted of the role of the Novokuznetsk Development Fund in implementing the program. A discussion of the options with USAID/Moscow is scheduled for the week of February 6, 1995.

EPT Project Monthly Summary Report / December

Region / Country Russian Federation
Project Area RFE Sustainable Natural Resources Management Program
Delivery Orders 01 and 11

Task Description – The program in the Russian Far East (RFE) Territories of Khabarovsk and Primorye has two goals. First, it will protect the region's biologically diverse flora and fauna. Simultaneously, it will show how the area's natural resources, primarily its forests, can be used for economic development in a sustainable fashion. An important element of the program is the building of a strong institutional framework for sustainable natural resources management. This is being done by strengthening government policies and business incentives, supporting integrated resources management planning and promoting U.S.-Russian partnerships for sustainable development and nongovernmental organization (NGO) strengthening.

Activities for Month – (1) Dean Stepanek and Sergey Sheveiko traveled to Khabarovsk and Vladivostok. With Biodiversity Manager Dale Miquelle they worked with local counterparts to obtain input on RFE work. (2) Next, the group went to Moscow and conferred with EPT staff and with USAID on the work plan. Stepanek and Miquelle also met with the World Wildlife Fund to negotiate cooperation on the Program, and with Evgeniy Simonov, Director, Center for Biodiversity, for input on the work plan. (3) Local counterparts to the RFE Program participated in a forest management training program at Washington State University. (4) Dr. Vladimir Karakin, advisor to the RFE Program, went to Moscow and St. Petersburg in December to meet with EPT/Moscow staff and confer with forest product experts on timber reprocessing and other waste-saving techniques. (5) EPT/Vladivostok began work on databases on the forest industry and on RFE financial institutions.

Status of Deliverables – A preliminary draft of the RFE detailed work plan has been reviewed by the Project Manager. Final details and budget issues are currently being resolved. An interim report was received from the Pacific Geographic Institute on its economic-ecological studies of four proposed new national parks.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Work plan will be completed in Washington, D.C., by the end of February; a translated version will be presented to Russian partners in the RFE for review. Stepanek will remain in the United States during January to accompany Alexander Levental, Khabarovsk Krai Vice Governor, and representatives from the Khabarovsk and Primorski Krai on a U.S. study tour. (2) Stepanek will return to the RFE for the Government Accounting Office (GAO) field review, February 1-9, 1995. While in the RFE, he will negotiate draft agreements with additional Russian subconsultants. (3) Dale Miquelle is working on Siberian Tiger issues, such as tiger corridors and anti-poaching measures. He is also conceptualizing the regional biodiversity strategy and will conduct a GIS workshop in early February.

Issues / Problems / Recommendations – The Khabarovsk Vice Governor's trip to the United States in mid-January will delay Stepanek's move to the RFE. However, it is important that he accompany the RFE contingent while in the United States.

EPT Project Monthly Summary Report / December 1994

Region / Country	Russian Federation
Project Area	Nizhnii Tagil - Industrial Environmental Management
Delivery Orders	01 and 10

Task Description – This pilot project is helping the city prioritize environmental health risks and undertake low-cost/no-cost options to reduce pollution during transition to non-defense production. Lessons learned will be applied to other communities that are balancing environmental concerns with efforts to provide new jobs.

Note: CH2M HILL provides support as requested by the lead implementor, the U.S. Environmental Protection Agency (USEPA). This report is limited to the contractor's view of activities with which it has been directly involved to date, primarily the medical instruments audit, the industrial audits screening exercises, and the upcoming drinking water audit.

Activities for Month – David Burack continued preparation of the work plan for the Nizhnii Tagil Project in Washington, D.C., in cooperation with Ann Delong of USEPA, and with assistance from Stephen Sewalk. An analysis of the work plan was conducted by Robert Hall, consultant to EPT/Moscow, and Carl Mitchell, USAID/Washington. Their comments were provided to David Burack for inclusion in the work plan.

Status of Deliverables – Draft work plan has been completed and is being reviewed by USAID.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Work plan to be completed in Washington, D.C., by David Burack by mid-February. EPT is assisting in developing plans and program for Nizhnii Tagil study tour to the United States, now scheduled for late February or March 1995.

Issues / Problems / Recommendations – Written confirmation has been requested from the Head of Administration, City of Nizhnii Tagil, of additional security measures to ensure the safety of both Russian and U.S. partners working on the project. The funding for the Nizhnii Tagil Project tentatively was reduced \$500,000 by USEPA to make additional budget available for the Moscow Drinking Water Project. Discussions are planned with USEPA and USAID to establish priorities and decide how this will affect the scope of CH2M Hill involvement in the Project.

EPT Project Monthly Summary Report / December

Region / Country Russian Federation
Project Area Other Tasks and Projects
Delivery Orders 01, 10

Task Description – Goals for all projects are environmentally sound business development, training, environmental action planning, nongovernmental organization (NGO) strengthening and partnerships (advocacy groups, educational institutes, professional associations), pollution prevention and law reform. Additional projects in the Russian Federation in which CH2M HILL is involved are (1) the Moscow Water Quality and Small Watershed Management Project, (2) the Volgograd Air Quality and Management Project and (3) Legal Task Force. The Volgograd demonstration project focuses on improving air quality monitoring methods, developing new policies, regulations and standards for reduced emissions, and identifying low-cost and no-cost pollution-reduction options. The Moscow water project demonstrates new approaches throughout the Moscow region to assess and reduce human health risks, prioritize and control sources of water pollution, and manage watersheds on an integrated, resource-effective basis. The purpose of the Legal Task Force is to support the air and water demonstration projects by integrating legal considerations into environmental planning and implementation and by building effective working relationships between Russian environmental lawyers and the technical and policy officials of the Russian environmental protection apparatus.

Activities for Month – (1) For the Moscow Water Project: Victor Huliew, OMI, and EPT consultant Nikolai Grishin are completing their report on the results of the data collection on wastewater treatment plants in the cities of Dmitrov, Tver and Gagar. (2) For the Russian Environmental Law Legal Task Force Meeting: A work plan has been presented to Ruth Bell, U.S. Environmental Protection Agency (USEPA)/OGC by Barbara Finamore, EPT/Moscow, and a Russian national to organize the workshop has been identified also by Finamore. (4) EPT/Washington worked with EPT/Moscow to finish production of the *U.S.-Russian Environmental Cooperation* brochure. Copies of the brochure were printed in both English and Russian.

Status of Deliverables – Not applicable at this time.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Final assessment of Dmitrov, Tver, and Gagar to be completed in early January. The report will be reviewed by EPT/Moscow and submitted to Tim Henry, USEPA Task Leader.

Issues / Problems / Recommendations – To be discussed in report to USEPA.

EPT Project Monthly Summary Report / December 1994

Region / Country	West NIS
Project Area	Ukraine, Belarus and Moldova
Delivery Order	05

Task Description – Major EPT Project activities to be undertaken in West NIS under Delivery Order 05 are divided into four tasks. **Task 1/Priority Setting and Consensus Building:** Initiate dialogue with Ukrainian environmental agencies, and seek consensus between such agencies and USAID regarding the EPT Project environmental assistance program through joint participation in a forum. **Task 2/Immediate Information Requirements:** Undertake several quick-start activities that would demonstrate USAID's commitment to providing environmental assistance to West NIS countries, as well as gather information on existing environmental laws and management agencies. **Task 3/Program Start-Up Team:** Evaluate major environmental issues in Ukraine, Belarus and Moldova, and identify possible environmental assistance activities that could be funded under subsequent delivery orders. If required by USAID, short-term specialists could also evaluate specific topics. **Task 4/Sub-Project Start-Ups:** At the direction of USAID, rapidly implement activities which the agency wants undertaken, in response to important short-term needs.

Activities for Month – **Task 1/Priority Setting and Consensus Building:** Final draft notes of the Forum were prepared and forwarded to USAID/Kiev for review and comment. Translation commenced of Forum notes into Russian language. **Task 2/Immediate Information Requirements:** (1) *Environmental Directories* – Work continued on improving draft environmental directory for Ukraine. (2) *Analytical Laboratories* – No activity. (3) *English Translations of Ukrainian Environmental Laws* – Translations of Ukrainian environmental laws into English continued to be undertaken by Ukrainian translators. **Task 3/Program Start-Up Team:** (1) *Water Sector Review* – No activity. (2) *Environmental Institutions Review* – A preliminary draft of the following documents was presented to USAID/Kiev: (a) a "profile" of Ukrainian environmental agencies, (b) an evaluation of the ability of Ukrainian environmental agencies to administer environmental and natural resource protection activities, and (c) suggestions for USAID assistance to strengthen environmental management agencies in Ukraine. Work was prepared by William Maggs, with assistance by Joe Pecevich. (3) *Environmental Engineering Review* – Work was completed by Stan Rothschild on reviewing environmental engineering issues in Ukraine and Belarus. A preliminary draft report was submitted to USAID. **Task 4/Sub-Project Start-Ups:** No activity.

Status of Deliverables – **Task 1/Priority Setting and Consensus Building:** Forum notes were prepared and final draft submitted to USAID/Kiev and USAID/Washington for review. Russian translation begun. **Task 2/Immediate Information Requirements:** (1) *English translation of Ukrainian environmental laws/regulations* – Translations begun. (2) *Survey and evaluation of environmental laws* – Activity to commence following completion of translations. (3) *Separate directories of environmental agencies and institutions in Ukraine, Belarus and Moldova* – Preliminary drafts of directories completed. (4) *Survey and evaluation of GIS capabilities* – Survey completed and preliminary draft submitted. (5) *Survey and evaluation*

of analytical chemical capabilities – Survey completed and preliminary draft submitted. (6) *Initiate Ukraine environmental health atlas by Murray Feshbach* – USAID/Washington authorized compilation of atlas using data readily available in Washington, D.C. **Task 3/Program Start-Up Team:** (1) *Report on important issues and suggest scopes of work for environmental projects in the following broad categories of the water sector, environmental economics and policy, environmental institutions, environmental engineering and environmental health* – Preliminary draft reports, that include scopes of work, were prepared and submitted to USAID/Kiev for all the previously listed categories except environmental health due to the difficulty in finding a suitable specialist. (2) *Conduct environmental health risk workshop in Moldova* – Search begun for suitable workshop presenter. (3) *Short-term assignments, as specified by USAID* – Survey conducted and final report submitted on potential assistance project in Crimea for repatriated Tatar population. **Task 4/Sub-Project Start-Ups:** *None defined as yet by USAID* – No work commenced.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Editor to travel to EPT/Kiev office in January 1995 for 3 to 4 weeks to edit approximately eight draft reports prepared under Tasks 1, 2 and 3 activities.

Issues / Problems / Recommendations – (1) In view of EPT Project's difficulty in finding a suitable environmental risk specialist to conduct a review of environmental health issues under Task 3, does USAID/Kiev want to reassign money to other tasks, or delay this task until start of summer 1995, when a suitable candidate may be identified from a university during summer recess? (2) At the request of USAID/Washington, Murray Feshbach initiated work on preparing a preliminary map and supporting documentation of environmental health conditions in Ukraine, using information readily available in Washington, D.C.? It is uncertain to EPT/Kiev whether this work needed to first be approved by USAID/Kiev.

EPT Project Monthly Summary Report / December 1994

Region / Country West NIS
Project Area Ukraine, Belarus and Moldova
Delivery Order 09

Task Description – Activities to be undertaken under Delivery Order 09 largely follow from work performed in Tasks 2 and 3 of Delivery Order 05. While preliminary work scopes were identified by USAID in Delivery Order 09, these are subject to change as a result of undertaking Delivery Order 05 tasks, as well as receipt by USAID of requests for assistance by host countries. To date, only three tasks have been initiated: *Task 1/Tatar Water and Sanitation Assistance*: implementing assistance to repatriated Tatar peoples in Crimea (assistance proposals were evaluated as part of Task 3 in Delivery Order 05); *Task 2/Work Plans*: preparation of Work Plans; and *Task 3/Moldova Satellite Office*: establishment of an EPT Project West NIS Region satellite office in Moldova.

Activities for Month – *Task 1/Tatar Water and Sanitation Assistance*: No activities. *Task 2/Work Plans*: Ties van Kempen traveled with Marshall Fischer, USAID/Washington, to Donetsk during week-commencing December 12 to further evaluate work that USAID would like the EPT Project to conduct in the industrial Donetsk Oblast. *Task 3/Moldova Satellite Office*: Jim Holderbaum, designated manager of Delivery Order 09 activities in Moldova, continued with arrangements to go to Chisinau in mid-January and establish a satellite office.

Status of Deliverables – (1) Work Plan: to be prepared following receipt from USAID/Kiev of scopes of work for all Delivery Order 09 tasks. (2) Evaluation of environmental health problems in and around Simferopol: completed. (3) Report of findings of environmental health evaluation: completed. (4) Report on proposed equipment: completed. (5) Procure and install proposed assistance equipment (water transmission pipe, laboratory testing equipment): begun. (6) Arrange training on use of laboratory equipment: to be undertaken following delivery and installation of equipment. (7) Submission of monthly status report(s): being done each month. (8) Provide project completion report: will be undertaken following completion of project. (9) Provide all transportation and logistics: completed for work performed to date.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Jim Holderbaum to set up Moldova satellite office in January 1995, pending approval by USAID. (2) Delivery Order 09 work plan to be completed following receipt by EPT/Kiev of USAID/Kiev's revised scopes of work. (3) Ties van Kempen to attend USAID's "lessons learned" meeting in Prague week of January 23 (as part of Core Contract).

Issues / Problems / Recommendations – As USAID/Kiev has not yet decided on which tasks they want EPT/Kiev to undertake, completion of the Delivery Order 09 work plan will be delayed. So far, EPT/Kiev has not been formally notified of any extension regarding the work plan, although it has been verbally informed that an extension will be requested of USAID/Washington by USAID/Kiev.

EPT Project Monthly Summary Report / December 1994

Region / Country Central Asian Republics
Project Area Aral Sea Disaster Zone – Kazakhstan, Turkmenistan, Uzbekistan
Delivery Orders 02, 04, 06, 07

Task Description – Tasks focus on providing potable water and public health education projects to communities most affected by waterborne diseases and increasing infant mortality. (1) In Kazakhstan, the Aralsk-Kazalinsk Potable Water Branch Distribution System, Public Health Education and Laboratory Assistance Project will increase the availability of a piped drinking water to two towns and improve the present water transmission system. (2) In Turkmenistan, the Turkmenistan Reverse Osmosis (RO) Potable Water, Public Health Education and Laboratory Assistance Project provides a RO drinking water treatment system. (3) In Uzbekistan, the Karakalpakstan Potable Water, Public Health Education and Laboratory Assistance Project will modify two municipal water treatment plants serving Nukus and Urgench to improve effluent water quality. Plant operations and maintenance, as well as water quality laboratory capabilities area will be addressed.

Activities for Month – *Delivery Order 02/Turkmenistan:* RO building construction work continued; it is mostly completed. The Turkmens are working on bringing a gas line for heat to the RO building. The RO plant arrived in Baku, Azerbaijan, en route to the plant site. Due to the war in Chechnya, the trucks carrying the plant were held up in Baku because traffic to the north was being diverted to Baku. *Delivery Order 04/Post MOU Activities:* No significant activity in December. *Delivery Order 06/Uzbekistan:* We are awaiting response from the Uzbek Government regarding the recommendations in a September 1994 Field Report. *Delivery Order 07/Kazakhstan:* Fred Ladd met with the Kazakh federal engineers to review recommended improvements. A proposed procurement list was completed.

Status of Deliverables – *Delivery Order 06/Uzbekistan:* The assessment report for Nukus and Urgench on water and sanitation health education was finalized and submitted to USAID. *Delivery Order 07/ Kazakhstan:* The assessment report for Aralsk and Novokazalinsk on water and sanitation health education was finalized and submitted to USAID.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Paul Dreyer will attend the Prague meeting to discuss CAR activities with USAID. (2) Fred Ladd will assume his responsibilities in Almaty as Regional Coordinator. (3) Dave McMillan, American Engineering Services, will go to the RO Plant site to supervise installation of RO equipment. (4) Butler Buildings representatives will be on site to do final RO building inspections.

Issues / Problems / Recommendations – (1) The war in Chechnya may affect delivery of the RO Plant. In addition, cold weather and lack of heat at the RO site is affecting progress. (3) As in November, the Government of Turkmenistan is behind schedule on the following items: (a) concrete work, (b) natural gas connection (needed to heat buildings), and (c) raw water supply source and line.

EPT Project Monthly Summary Report / December 1994

Region / Country Central Asian Republics
Project Area Regional Water Management and Cooperation
Delivery Orders 08

Task Description – This delivery order provides for a series of events, including workshops, a conference, partnerships, research and other means of fostering regional cooperation in the area of water resources.

Activities for Month – The regional water information management workshop in Tashkent, Uzbekistan, which began November 28, was completed December 3; it was attended by approximately 75 people.

Status of Deliverables – The workshop report was submitted to USAID.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – None to report at this time.

Issues / Problems / Recommendations – The position of the Regional Workshop Coordinator needs to be approved by USAID as soon as possible. Otherwise, progress on the next workshop will be affected.

EPT Project Monthly Summary Report / December 1994

Region / Country	NIS
Project Area	Core Activities in the United States not covered under Delivery Orders
Delivery Orders	Not applicable

Activities for Month – (1) The 4th Quarter 1994 issue of the Project newsletter, *EPT Update*, was completed. Copies were printed in both Russian and English and distributed in the United States and the NIS. (2) Plans for the 1st and 2nd Quarter 1995 issues were submitted to USAID/ Washington for initial review.

Status of Deliverables – Core work plan submitted in October is being review by USAID.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Project Director Sandy Hale to attend USAID's "lessons learned" meeting in Prague week of January 23.

Issues / Problems / Recommendations – EPT will be restructuring focus of Core Contract to decentralize management of delivery order projects to the Regional Offices. Regional Coordinators and Field Finance Directors are being placed in the regions as the level of effort is increased in the regions.

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Russian Federation

Nizhnii Tagil – Industrial Environmental Management (Delivery Orders 01 and 10)

Novokuznetsk – Multiple Pollution Sources Management (Delivery Orders 01 and 10)

Russian Far East Sustainable Natural Resources Management Program (Delivery Orders 01 and 11)

Other Tasks and Projects – Russian Federation (Delivery Orders 01 and 10)

West NIS

West NIS (Delivery Orders 05 and 09)

Central Asian Republics

Aral Sea Disaster Zone – Kazakhstan, Turkmenistan, Uzbekistan (Delivery Orders 02, 04, 06 and 07)

Regional Water Management and Cooperation (Delivery Order 08)

Core Activities

Core Activities not covered under delivery orders

CH2M Hill
for ENI / EEUD / ENR
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EPT Project Monthly Summary Report / October

Region / Country	Russian Federation
Project Area	Nizhnii Tagil – Industrial Environmental Management
Delivery Orders	01 and 10

Task Description – This pilot project is helping the city prioritize environmental health risks and undertake low-cost/no-cost options to reduce pollution during transition to non-defense production. Lessons learned will be applied to other communities that are balancing environmental concerns with efforts to provide new jobs.

Note: CH2M HILL provides support as requested by the lead implementor, the U.S. Environmental Protection Agency (USEPA). This report is limited to the contractor's view of activities with which it has been directly involved to date – primarily the medical instruments audit, the industrial audits screening exercises, and the upcoming drinking water audit. The contractor's access to and knowledge of the other activities being carried out under the overall Nizhnii Tagil Project is constrained by its prescribed support-as-requested mode.

Activities for Month – CH2M HILL will assist USEPA with preparation of the work plan. David Burack and Paul Berg traveled to Moscow and Nizhnii Tagil on October 31 for this purpose.

Status of Deliverables – Not applicable this month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) CH2M HILL will continue to be involved with preparation of the work plan. (2) CH2M HILL will send one member of the four-person drinking water audit team that will be working in Nizhnii Tagil October 30 to November 11.

Issues / Problems / Recommendations – Security for EPT consultants continues to be a concern.

EPT Project Monthly Summary Report / October

Region / Country	Russian Federation
Project Area	Novokuznetsk – Multiple Pollution Sources Management
Delivery Orders	01 and 10

Task Description – The Novokuznetsk (NVK) Project has two goals: to reduce pollution-related risks to public health and to contribute to environmentally sustainable economic development. The pollution program focuses on improving drinking water, controlling air pollution and institutionalizing industrial environmental audits. The sustainable development program supports the city's strategic planning process for achieving economic and social restructuring, and provides guidance and training for new entrepreneurs and matchmaking with U.S. companies.

Activities for Month – Project Manager Steff Plehn and Ray Reaves, Task Manager for Sustainable Development, visited Moscow and NVK in early October. The objective was to obtain commitments to carry out the NVK program defined in Delivery Order 10. During a visit to NVK by Michele Brown, an Implementation Memorandum incorporating the Delivery Order 10 program was signed by all parties, and the first Steering Committee meeting was successfully conducted. Preconditions are now in place for aggressive implementation of the Delivery Order 10 program.

Irina Niederberger will manage the entrepreneur support activities in NVK, including establishment of the business incubator and start-up of the matchmaker program.

During the NVK visit, an indefinite quantities contract (IQC) was negotiated with the Novokuznetsk Development Fund and will shortly be submitted to the Contracting Officer for approval.

Status of Deliverables – (1) Trip Reports on the U.S. Audit Team's visit and Plehn/Reaves visit will be submitted in early November. (2) The Air Pollution database will be submitted by October 31. (3) A report on the recommendations developed during the Audit Program will be submitted in mid-November. (4) Two air pollution reports – a strategy to control emissions from over 160 district boilers, and an assessment of regulation and plan to strengthen the monitoring/modelling/enforcement program – will be submitted by November 30.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Project Task Managers will prepare the NVK work plan during November. No trips from the United States are planned until January. Peter and Irina Niederberger will be in Moscow for a week in November.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / October

Region / Country	Russian Federation
Project Area	Russian Far East Sustainable Natural Resources Management Program
Delivery Orders	01 and 11

Task Description – This program in the Russian Far East (RFE) Territories of Khabarovsk and Primorye has two goals. First, it will protect the biologically diverse flora and fauna of the region. Simultaneously, it will show how the area's natural resources – primarily its forests – can be used for economic development in a sustainable fashion. An important element of the program is the building of a strong institutional framework for sustainable natural resources management. This is being done by strengthening government policies and business incentives, supporting integrated resources management planning, and promoting U.S.-Russian partnerships for sustainable development and NGO strengthening.

Activities for Month – A detailed work plan team, led by Malcolm Baldwin, was in the field meeting with counterpart Russians and drafting the work plan. Dean Stepanek, proposed on-site Program Manager, was in the field setting up the project office in Vladivostok, a satellite office in Khabarovsk, and interviewing staff candidates. John Dawkins, an expatriate living in Khabarovsk, was retained as site manager there. His principal responsibility is to serve as program business manager, program-wide. Dale Miquelle, expatriate, was retained in Vladivostok, as biodiversity manager, program-wide. An Office Manager was retained for Vladivostok. Agreements for space at both locations are under review.

Status of Deliverables – The drafting of detailed work plan is underway as the first deliverable under Delivery Order 11. Quick start-up activities, including a proposed contract with the Pacific Geographic Institute to complete ecologic/economic assessments in support of four new parks in Primorski Krai, is being discussed with Russian partners. Program Coordinating Committees are established in both krai.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) –The Program Manager is working with a planning team in anticipation of completing the work plan for submission to USAID on November 27. The Program Manager will return to the RFE in early December to review the work plan with Russian partners and to pursue early start-up activities, including additional assessment contracts in support of designation of high-priority wildlife refuges. Sergey Sheveiko will be in the RFE the last two weeks of November to discuss work plans with Russian partners.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / October

Region / Country	Russian Federation
Project Area	Other Tasks and Projects
Delivery Orders	01, 10

Task Descriptions – Goals for all projects are environmentally sound business development, training, environmental action planning, NGO strengthening and partnerships (advocacy groups, educational institutes, professional associations), pollution prevention and law reform. Additional projects in the Russian Federation in which CH2M HILL are involved are (1) the Moscow Water Quality and Small Watershed Management Project and (2) the Volgograd Air Quality Management Project. The Volgograd demonstration project focuses on improving air quality monitoring methods, developing new policies, regulations and standards for reduced emissions, and identifying low-cost and no-cost pollution-reduction options. The Moscow water project demonstrates new approaches throughout the Moscow region to assess and reduce human health risks, prioritize and control sources of water pollution, and manage watersheds on an integrated, resource-effective basis.

Activities for Month – For the Moscow Water Project: Two EPT consultants worked with USEPA on the development of a revised scope, schedule, deliverables and budget estimate for CH2M HILL's role in this project. Research was conducted to find a Russian contractor who will act as CH2M HILL's counterpart on the project; three options were identified for discussion with USEPA.

NGO Strengthening: (1) An indefinite quantities contract (IQC) contract for Ecojuris was prepared by EPT/Moscow. (2) A meeting with Interfax is being scheduled to discuss their scope of work on the EPT Project.

Status of Deliverables – Not applicable for October.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Not applicable for October.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / October

Region / Country West NIS
Project Area Ukraine, Belarus and Moldova
Delivery Orders 05, 09

Task Description – EPT activities in West NIS promote sustainable economic development through projects that ensure environmental protection, resource conservation and public health. Tasks include: (1) Set environmental priorities and target U.S. assistance. (2) Quickly initiate several small projects. (3) Design and initiate several larger environmental assistance projects in various sectors of the environment. (4) Design and initiate several environmental assistance projects to address special environmental and industrial problems. (5) Provide technical advice.

Activities for Month – Activities for October under Delivery Order 05 included: (1) An environmental economist prepared a final draft report and work plan for future activities. (2) A water engineer met inspected Kiev's water supply system. (3) An environmental engineer traveled to Belarus October 16-22, where he met with officials on water-related issues. (4) Work continued on the translation of Ukrainian environmental laws and on profiles of Ukrainian environmental agencies. (5) A consultant returned from Minsk, Belarus, where work began on a directory of Belarussian environmental agencies and groups. (6) An analytical laboratory specialist evaluated six chemical laboratories capabilities in Ukraine. (7) An environmental communications specialist began preparations in Kiev for the November Ukrainian-U.S. forum on environmental management in Ukraine.

Activities for Delivery Order 09 included: (1) A water resources engineer returned to Crimea where he continued with the water/wastewater project for repatriated Tatars in the region.

Status of Deliverables – (1) The analytical chemical laboratory study is in progress. (2) The water/wastewater study for Crimea is in progress. (3) Updating of the Environmental Directory for West NIS countries continues. (4) The translation of environmental laws is underway. (5) The Task 3 team is wrapping up its activities and preparing its recommendations.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) EPT/Kiev will participate in joint Ukrainian-U.S. environmental management forum. (2) For the Crimean project, the water resources engineer will travel to Simferopol to meet with local representatives. (3) Jim Holderbaum, agricultural specialist based at EPT/Washington, will arrive in early November and meet with USAID/Kiev officials to discuss his potential role in establishing a satellite office in Chisinau, Moldova.

Issues / Problems / Recommendations – Not applicable for October.

EPT Project Monthly Summary Report / October

Region / Country Central Asian Republics
Project Area Aral Sea Disaster Zone – Kazakhstan, Turkmenistan, Uzbekistan
Delivery Orders 02, 04, 06, 07

Task Description – Tasks focus on providing potable water and public health education projects to communities most affected by waterborne diseases and increasing infant mortality.

(1) In Kazakhstan, the Aralsk-Kazalinsk Potable Water Branch Distribution System, Public Health Education and Laboratory Assistance Project will extend availability of a piped drinking water supply to two towns and improve the present water distribution system. (2) In Turkmenistan, the Turkmenistan Reverse Osmosis (RO) Potable Water, Public Health Education and Laboratory Assistance Project provides a RO drinking water treatment system. (3) In Uzbekistan, the Karakalpakstan Potable Water, Public Health Education and Laboratory Assistance Project will modify two municipal water treatment plants serving Nukus and Urgench to improve effluent water quality. Plant operations and maintenance, as well as water quality laboratory capabilities area will be addressed.

Activities for Month – (1) The Turkmenbashi Water Treatment Plant construction is ongoing. (2) Meetings with the Government of Kazakhstan have been conducted on the implementing activities.

Status of Deliverables – (1) Field reports for Kazakhstan and Uzbekistan, in English and Russian, were submitted. (2) The building for the water treatment plant is expected to arrive in mid-November.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – The public health education activities in Kazakhstan and Uzbekistan are being conducted in November and December 1994.

Issues / Problems / Recommendations – The concrete work at the Turkmenbashi Water Treatment Plant is behind schedule and the Government of Turkmenistan has agreed to assign more resources for this activity.

EPT Project Monthly Summary Report / October

Region / Country	Central Asian Republics
Project Area	Regional Water Management and Cooperation
Delivery Orders	08

Task Description – A regional water management conference in Tashkent, Uzbekistan, is scheduled for November 28 to December 3, 1995. Selected scientists and technical organizations from the U.S. Government, academic and industrial sectors will address information issues in the region. Regional technical workshops on water management and agricultural issues will be scheduled for early 1995. Professional partnerships between water management experts in the United States and their CAR counterparts are planned. This program provides a basis for professional exchange and informal education between U.S.- and host-country organizations with similar experiences.

Activities for Month – Prepared for information management workshop in Tashkent.

Status of Deliverables – The workshop is organized and letters of invitation have been issued.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – The workshop coordinator is continuing this effort in Almaty and will return to Tashkent on November 21 for final preparation.

Issues / Problems / Recommendations – Subcontract with Glavgidromet has been executed.

EPT Project Monthly Summary Report / October

Region / Country	NIS
Project Area	Core Activities not covered under Delivery Orders
Delivery Orders	NA

Activities for Month – Core activities included: (1) Finalized guidelines for work plans for delivery orders. (2) Worked on the Core Contract work plan. (3) Core management meeting in London, October 18-21. (4) Prepared Request for Proposal to provide security services in the NIS for EPT personnel. (5) Worked on Core work plan.

Status of Deliverables – Work continues on Core work plan.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Paul Dreyer, CAR Regional Director, will be in Washington, D.C., in mid-November. He will discuss work plans in the CAR with Barry Primm of USAID/Almaty while on home leave and with the technical staff at EPT/Washington.

Issues / Problems / Recommendations – Security in the NIS was a significant topic at the EPT management meeting in London.

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Russian Federation

Nizhnii Tagil – Industrial Environmental Management (Delivery Orders 01 and 10)

Novokuznetsk – Multiple Pollution Sources Management (Delivery Orders 01 and 10)

Russian Far East Sustainable Natural Resources Management Program (Delivery Orders 01 and 11)

Other Tasks and Projects – Russian Federation (Delivery Orders 01 and 10)

West NIS

West NIS (Delivery Orders 05 and 09)

Central Asian Republics

Aral Sea Disaster Zone – Kazakhstan, Turkmenistan, Uzbekistan (Delivery Orders 02, 04, 06 and 07)

Regional Water Management and Cooperation (Delivery Order 08)

Core Activities

Core Activities not covered under delivery orders

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EPT Project Monthly Summary Report / September

Region / Country	Russian Federation
Project Area	Nizhnii Tagil – Industrial Environmental Management
Delivery Orders	01 and 10

Task Description – This pilot project is helping the city prioritize environmental health risks and undertake low-cost/no-cost options to reduce pollution during transition to non-defense production. Lessons learned will be applied to other communities that are balancing environmental concerns with efforts to provide new jobs.

Note: CH2M HILL provides support as requested by the lead implementor, the U.S. Environmental Protection Agency (USEPA). This report is limited to the contractor's view of activities with which it has been directly involved to date – primarily the medical instruments audit, the industrial audits screening exercises and the upcoming water audit. The contractor's access to and knowledge of the other activities being carried out under the overall Nizhnii Tagil Project is constrained by its prescribed support-as-requested mode.

Activities for Month – CH2M HILL will assist USEPA with preparation of the work plan.

Status of Deliverables – Not applicable this month.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – David Burack and Paul Berg will travel to Moscow and Nizhnii Tail in late October to work on the work plan.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country	Russian Federation
Project Area	Novokuznetsk – Multiple Pollution Sources Management
Delivery Orders	01 and 10

Task Description – The Novokuznetsk (NVK) Project has two goals: to reduce pollution-related risks to public health and to contribute to environmentally sustainable economic development. The pollution program focuses on improving drinking water, controlling air pollution and institutionalizing industrial environmental audits. The sustainable development program supports the city's strategic planning process for achieving economic and social restructuring, and provides guidance and training for new entrepreneurs and matchmaking with U.S. companies.

Activities for Month – A U.S. environmental audit team spent 6 weeks in NVK, beginning in mid-September. The objective was to train Russian staff drawn from four major enterprises (two integrated steel complexes plus aluminum and ferro-alloy plants) and then serve as coaches while the Russians conducted the audits. The aluminum and ferro-alloy plants dropped out after 3 weeks, fearing that the audits might disrupt ongoing negotiations with western investors. The two other audits were completed successfully. Zapsib, one of the steel enterprises, will use the audit report to support its current application for funding to the European Bank for Reconstruction and Development.

Status of Deliverables – Not applicable for September.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Project Manager Steffen Plehn and Ray Reaves, Task Manager for Sustainable Development, will visit Moscow and NVK in October. Peter and Irina Niederberger are working hard, organizing the work of the Novokuznetsk Development Fund staff and helping support the Audit Team.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country Russian Federation
Project Area Russian Far East Sustainable Natural Resources Management Program
Delivery Orders 01 and 11

Task Description – This program in the RFE Territories of Khabarovsk and Primorye has two goals. First, it will protect the biologically diverse flora and fauna of the region. Simultaneously, it will show how the area's natural resources – primarily its forests – can be used for economic development in a sustainable fashion. An important element of the program is the building of a strong institutional framework for sustainable natural resources management. This is being done by strengthening government policies and business incentives, supporting integrated resources management planning, and promoting U.S.-Russian partnerships for sustainable development and NGO strengthening.

Activities for Month – A USAID Agreement to Cooperate was signed with officials of Khabarovsk Krai and Primor'ye Krai. Work commenced on the work plan for the RFE Sustainable Natural Resources Management Program. Jerry Knapp, EPT Regional Director for the Russian Federation, traveled to the RFE September 11-21, to assist with the work plan.

EPT/Washington, with the assistance of EPT/Moscow submitted a proposal for Delivery Order 11 to USAID/Washington. It was signed by USAID on September 30.

Status of Deliverables – Not applicable for September.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Mobilization of detailed work plan team underway with travel to region scheduled for last 3 weeks of October.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country	Russian Federation
Project Area	Other Tasks and Projects
Delivery Orders	01, 10

Task Descriptions – Goals for all projects are environmentally sound business development, training, environmental action planning, NGO strengthening and partnerships (advocacy groups, educational institutes, professional associations), pollution prevention and law reform. Additional projects in the Russian Federation in which CH2M HILL are involved are (1) the Moscow Water Quality and Small Watershed Management Project and (2) the Volgograd Air Quality Management Project. The Volgograd demonstration project focuses on improving air quality monitoring methods, developing new policies, regulations and standards for reduced emissions, and identifying low-cost and no-cost pollution-reduction options. The Moscow water project demonstrates new approaches throughout the Moscow region to assess and reduce human health risks, prioritize and control sources of water pollution, and manage watersheds on an integrated, resource-effective basis.

Activities for Month – Delivery Order 10 was signed September 30. Under Delivery Order 01, Ann Rubin began a 2-month assignment in mid-September to identify stakeholders, develop a cooperative relationship with ISAR and ensure appropriate NGO participation in the EPT Project.

Status of Deliverables – Not applicable for September.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – Not applicable for September.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country West NIS
Project Area Ukraine, Belarus and Moldova
Delivery Orders 05, 09

Task Description – EPT activities in West NIS promote sustainable economic development through projects that ensure environmental protection, resource conservation and public health. Tasks include: (1) Set environmental priorities and target U.S. assistance. (2) Quickly initiate several small projects. (3) Design and initiate several larger environmental assistance projects in various sectors of the environment. (4) Design and initiate several environmental assistance projects to address special environmental and industrial problems. (5) Provide technical advice.

Activities for Month – Delivery Order 09 was signed September 30. Activities under Delivery Order 05 included: (1) Initial work began on the updating of the Ukrainian environmental directory. (2) An EPT wastewater engineer traveled to the Don Bas region with his Ukrainian counterpart to meet with officials. (3) An EPT wastewater engineer traveled with USAID representatives to Moldova and met with water-related environmental agencies. Purpose of the trip was to gather information and make contacts for implementation of Delivery Order 09. (4) Meetings between the EPT economist and officials in the Ministries of Environmental Protection and Economics continued in September. The topic of discussion has been how EPT can assist the Ukrainian government prepare policies in the environmental-economic spectrum. (5) EPT representatives traveled with USAID representatives to the Donetsk oblast where they met with government and industry officials.

Status of Deliverables – Progress on deliverables in September: (1) Draft GIS study completed; and (2) Draft Environmental Directory for West NIS countries initiated.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) An environmental engineer will travel to Belarus in mid-month to meet with officials. (2) The EPT Regional Director for West NIS will attend a meeting with the two other EPT Regional Directors and the EPT Project Director, October 17 to 21.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country Central Asian Republics
Project Area Aral Sea Disaster Zone – Kazakhstan, Turkmenistan, Uzbekistan
Delivery Orders 02, 04, 06, 07

Task Description – Tasks focus on providing potable water and public health education projects to communities most affected by waterborne diseases and increasing infant mortality.

(1) In Kazakhstan, the Aral Sea Disaster Zone Potable Water Branch Distribution System, Public Health Education and Laboratory Assistance Project will extend availability of a piped drinking water supply to two towns and improve the present water distribution system. (2) In Turkmenistan, the Turkmenistan Reverse Osmosis (RO) Potable Water, Public Health Education and Laboratory Assistance Project provides a RO drinking water treatment system. (3) In Uzbekistan, the Karakalpakstan Potable Water, Public Health Education and Laboratory Assistance Project will modify two municipal water treatment plants serving Nukus and Urgench to improve effluent water quality. Plant operations and maintenance, as well as water quality laboratory capabilities area will be addressed.

Activities for Month – Activities completed this month under Delivery Order 02/Turkmenistan included: (1) Developed shipping bid documents, received quotations, awarded contract and shipped the RO plant building. (2) Initiated procurement of construction material in the region for the plant. (3) Public health team completed the health assessment study and returned to the United States. (4) Paul Dreyer traveled to Turkmenistan to review progress of regional activities and for coordination of activities with local officials.

Activities under Delivery Order 04/Predesign Activities included: Continued discussion with USAID/Almaty and USAID/Washington on the finalization of the field reports on Kazakhstan and Uzbekistan. Activities under Delivery Order 06/Uzbekistan included: Initiated development of laboratory equipment list for Uzbekistan. Activities under Delivery Order 07/Kazakhstan included: Initiated development of laboratory equipment list for Kazakhstan.

Status of Deliverables – Draft field reports for Kazakhstan and Uzbekistan were submitted.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – For Delivery Order 02/Turkmenistan: Ship RO plant buildings. For Delivery Order 06/Uzbekistan: Develop bid documents for laboratory equipment. For Delivery Order 07/Kazakhstan: Develop bid documents for laboratory equipment.

Issues / Problems / Recommendations – For Delivery Order 06/Uzbekistan: Consensus needs to be reached on the future activities to be conducted in the region. For Delivery Order 07/Kazakhstan: Consensus needs to be reached on the future activities to be conducted in the region.

EPT Project Monthly Summary Report / September

Region / Country	Central Asian Republics
Project Area	Regional Water Management and Cooperation
Delivery Orders	08

Task Description – A regional water management conference in Tashkent, Uzbekistan, is scheduled for November 28 to December 3, 1995. Selected scientists and technical organizations from the U.S. Government, academic and industrial sectors will address information issues in the region. Regional technical workshops on water management and agricultural issues will be scheduled for early 1995. Professional partnerships between water management experts in the United States and their CAR counterparts are planned. This program provides a basis for professional exchange and informal education between U.S.- and host-country organizations with similar experiences.

Activities for Month – Modification to Delivery Order 08 was signed by USAID on September 27. We initiated recruitment for the Project Coordinator for the workshops and regional water management conference.

Status of Deliverables – Not applicable at this time.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – The Project Coordinator will travel to the CAR Region to prepare for the workshop.

Issues / Problems / Recommendations – None at this time.

EPT Project Monthly Summary Report / September

Region / Country	NIS
Project Area	Core Activities not covered under delivery orders
Delivery Orders	NA

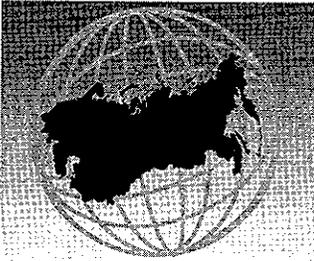
Activities for Month – Core activities included: (1) Completed the preparation of responses to Requests for Proposals for delivery orders. (2) Completed negotiations in Washington on Delivery Orders 04 (Modification 1), 06 (Modifications 1 and 2), 07 (Modification 1), 08 (Modifications 1 and 2), 09, 10 and 11.

Status of Deliverables – The above deliverables were completed.

Proposed Near-Term Activities and Planned Travel (30 to 60 days) – (1) Complete preparation of guidelines for work plans. (2) Project Director, Deputy Project Director and three Regional Directors to meet in London in October to discuss work plans and project strategy for the next 6 months.

Issues / Problems / Recommendations – None at this time.

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A USAID Project Consortium led by CH2M HILL

ENVIRONMENTAL POLICY AND TECHNOLOGY PROJECT

CH2M HILL International Services, Inc.

Center for International Environmental Law

Clark Atlanta University and the Historically Black Colleges and Universities and Minority Institutions

Consortium for International Development

ECI Environmental Compliance, Inc.

Ecojuris

Harvard Institute for International Development

Hughes Technical Services Company

Interfax News Agency

International Programs Consortium, Inc.

International Resources Group, Ltd.

K & M Engineering Consulting Corporation

Ogden Environmental and Energy Services Company, Inc.

Price Waterhouse

World Wildlife Fund, Inc.

EPT Monthly Report

August 1994

For ENI/EEVD/ENR

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Section 1 Delivery Orders

1.1 Delivery Order 01 - Russian Federation (Signed April 11, 1994)

1.1.1 Task 1.2 - Natural Resource Environmental Management - Khabarovsk

- The Russian Far East (RFE) Sustainable Natural Resources Management Program was approved by USAID Assistant Administrator Tom Dine.

1.1.2 Task 1.3 - Nongovernmental Organization (NGO) Strengthening

- A scope of work was prepared for a 2-month assignment for Ann Rubin, beginning in September.

1.1.3 Task 1.6 - Industrial Environmental Management - Nizhnii Tagil

- A scope of work was prepared for David Burack's participation in the Nizhnii Tagil project this fall.

1.1.4 Task 2.1 - Multiple Pollution Sources Management - Novokuznetsk

- A three-person air pollution planning team was in Novokuznetsk, August 1-17. With support from nine Russian professionals, they collected extensive information on (1) alternatives for reducing pollution from the 180 district heating boilers and (2) needed resources to strengthen the city administration's air pollution regulatory program. Assistance was provided to the city for its application for CIP funding for a monitoring system.
- A three-person team spent 2 weeks analyzing the laboratory needs of Vodokanal and city regulators; it was agreed that the most cost-effective way to strengthen the city's laboratory capabilities will be to create one laboratory. Consensus was also obtained on the city's drinking water program for 1995-96 and assistance was provided to the city on its CIP proposal.
- Ray Reaves was in Novokuznetsk for 2 weeks. His primary focus was working with Nick Korolyov on the October 22 kickoff of "Novokuznetsk 2010."
- Dr. Richard Day, University of Pittsburgh, made arrangements for the establishment of the health baseline utilizing currently available health data.
- At the beginning of August, Irina and Peter Niederberger arrived in Novokuznetsk to begin their tour of duty as office administrative manager and site manager, respectively.

1.1.5 Task 4.2 - Commodity Import Program (CIP)

- CIP proposals were submitted in coordination with Russian counterparts. CH2M HILL prepared the proposals for the Novokuznetsk and Khabarovsk projects; USEPA prepared the proposals for the Nizhnii Tagil, Volgograd and Moscow Water projects.

1.1.6 Task 4.3 - Implementation Support and Limited Startup

- EPT/Washington and EPT/Moscow began working with USAID/Moscow to create new communications and to update existing ones. Fact Sheets are being drafted for each of the specific projects in the Russian Federation and the Russia Map Brochure is being revised to reflect USAID's new priorities.

1.2 Delivery Order 02 - Turkmenistan (Signed May 11, 1994)

- The Construction Manager for the reverse osmosis (RO) water treatment plant was mobilized on site.
- EPT/Washington conducted a team planning meeting for the environmental health team.
- Fabrication of the RO plant and buildings continued.

1.3 Delivery Order 03 - Farmer-to-Farmer Program in the NIS

- Completed.

1.4 Delivery Order 04 - Predesign Activities For Potable Water Projects in Aral Sea Basin and Environmental Action Plan (Signed May 3, 1994)

- The Environmental Action Plan (EAP) team completed the draft EAP.
- Draft reports on Kazakhstan and Uzbekistan were prepared and are being reviewed internally.

1.5 Delivery Order 05 - West NIS (Signed July 7, 1994)

1.5.1 Task 2 - Information Requirements

- Meetings with agencies and institutions continued as data is collected.

- Current Geographic Information Survey (GIS) capabilities in Ukraine were evaluated and a trip report prepared.
- Work began on an environmental directory for Moldova.

1.5.2 Task 3 - Quick Starts and Program Specification

- EPT/Kiev conducted a team planning meeting for a three-person team composed of a water engineer, environmental engineer and an environmental economist.
- Meetings were initiated with various water and wastewater agencies in Ukraine.

1.6 Delivery Order 06 -Uzbekistan (Signed August 4, 1994)

- After Delivery Order 06 was signed August 8, preparation of the work plan began.

1.7 Delivery Order 07 - Kazakhstan (Signed August 19, 1994)

- After Delivery Order 07 was signed August 19, preparation of the work plan began.

1.8 Delivery Order 08 - Modification

- Delivery Order 08 - Modification proposal was submitted August 23, 1994. The delivery order is to conduct three workshops and a conference in the Central Asian Republics.

1.9 Delivery Order 09 - Environmental Management Project for Ukraine, Belarus and Moldova

- Delivery Order 09 was submitted to USAID Contracts August 16, 1994.

1.10 Delivery Order 10 - Technical Assistance for Environmental Improvements in The Russian Federation

- Delivery Order 10 was submitted to USAID Contracts August 25, 1994.

Section 2
Other Activities

Work continued in August to complete delivery orders that will be funded from FY 1994 monies. Negotiations are to be completed and delivery orders signed before the end of the fiscal year.

Section 3
Significant Problems

Communications with some field locations, especially in the Central Asian Republics, continues to be a problem due to poor telephone service.

Section 4
Seminars and Key Meetings

There were no important seminars or key meetings to report for August.

Section 5
Trip Reports - Core Staff

Staff Member(s)	Place	Date(s)	Reason for Trip
Paul Dreyer	Turkmenistan	August	Assist Russell Drobney with RO plant activities