

Project ISTC - K-1240p

“Post-containment Management and Monitoring of Mercury  
Pollution in Site of Former PO “Khimprom” and Assessment  
of Environmental Risk Posed by Contamination of  
Groundwater and Adjacent Water Bodies of the Northern  
Industrial Area of Pavlodar”

Quarterly technical report

on the work performed from 1 October 2008 - to 31 December 2008

Quarter 13

Non-profit JSC “Almaty Institute of Power Engineering and  
Telecommunication”, BG Chair of Environmental Technology

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17.03.2009

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Signature / Data

## 1. Summary of Technical Progress

### 1.1. Current Technical Status

Task Subtask	Start (quarter)	End (quarter)	Status / Comments
1.1.	1	4	Has postponed till 14-16 quarters (when the project is extended) as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project.
1.2.	4	8	Completed.
1.3.	1	12	Implementing /The field works have been completed. Chemical and analytical works and data processing will be conducted in 14-16 quarters (when the project is extended).
2.1.	1	2	Completed
2.2.	3	4	Completed
2.3.	5	6	Completed
2.4.	7	12	Completed
2.5.	10	12	Completed.
2.6.	8	8	Has not been implemented as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project. The task will be replaced with different works in 14-16 quarters (when the project is extended).
2.7.	8	8	Has not been implemented as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project. The task will be replaced with different works in 14-16 quarters (when the project is extended).
2.8.	9	10	Has not been implemented as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project. The task will be replaced with different works in 14-16 quarters (when the project is extended).
2.9.	9	10	Completed
3.1.	1	2	Has postponed till 13-16 quarters (when the project extended) as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project.
3.2.	4	6	Implementing/the data have been collected for production of the local model, estimating the direction of movement of groundwater contaminated with oil products. The further work will be implemented in 14-16 quarters (when the project is extended)
3.3.	8	8	Has not been implemented as a result of delay in funding due to replacement of Participant Institution PCP by Participant Institution Kaustik in the project. The task will be replaced with different works in 14-16 quarters (when the project is extended).
3.4.	8	8	Completed/Groundwater sampling as well as their analysis for oil products have been conducted.
3.5.	9	11	Implementing/The data have been collected for production of the local model characterizing the groundwater pollution with oil products beyond Pavlodar Oil refinery. The further work will be carried out in 14-16 quarters (when the

			project is extended).
3.6.	11	12	Has not been implemented. Postponed 14-16 quarters (when the project is extended) as a result of delay in completion of the task 3.4 as well as the tasks 3.2 and 3.5.
4.1.	1	2	Completed
4.2.	2	10	Completed
4.3.	3	11	Completed
4.4.	4	8	Completed
4.5.	4	9	Completed
4.6.	10	12	Implementing/Publication has been prepared on mercury pollution of biota of the wastewater storage pond Balkyldak. In 14-16 quarters (when the project is suspended) recommendations on mitigation of the risk from mercury contamination of fish inhabiting the wastewater storage pond Balkyldak will be discussed and prepared.
5.1.	1	12	Implementing/Fall monitoring of groundwater for mercury content has been conducted together with Pavlodar company "Izyskatel" after the company was provided with methods and skills in hydro-geological works. In 14-16 quarters (when the project is suspended) the final report on K-1240 and its resume as well as recommendations on conducting further monitoring and clean-up works will be send to the local authority.
5.2.	1	12	Implementing /The presentations for two international conferences have been prepared and accepted by Stirring Committees of the conferences: "Remediation of Contaminated Sediments" (USA, Florida. 2-5 February, 2009) and "Mercury as a Global pollutant"(China, Guayan, 1-4 June, 2009). The presentations will be presented in 14-16 quarters (when the project is suspended)

## Task 0.: Project Management

### ▪ Fulfilled work

Since the 1st October till 31<sup>st</sup> December, 2008 all necessary documents were discussed and prepared for conclusion of **ADDENDUM #2 to PARTNER PROJECT AGREEMENT #K-1240p** between the International Science and Technology Center, Moscow, Russia, the Non-Profit JSC "Almaty Institute of Power Engineering and Telecommunications", and US Environmental Protection Agency, Washington, D.C., USA about the Project extension by 9 months until June 30, 2009, provided that the total cost of the Project does not exceed US\$ 941,000 as previously planned.

## 2. Questions, suggestions

Due to the fact that **ADDENDUM #2 to PARTNER PROJECT AGREEMENT #K-1240p** was finally signed at the 12<sup>th</sup> February 2009 it is suggested to consider Quarter 13 (since 1<sup>st</sup> October till 31 December of 2008) "*no activity*" one. That time any works on the Project were not implemented that did not require any financing. In this connection the Project completion date is expected to be the 30<sup>th</sup> September 2009 instead of 30 June 2009 what allows following recommendations of the Procurement office to allocate time of more than a quarter for purchase and delivery of the equipment.