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GUVERNUL ROMÂNIEI
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Instrumente Structurale
2007-2013



PROGRAMUL OPERATIONAL SECTORIAL TRANSPORT
TRANS
Mobilitate în România. Conexiuni cu Europa.

Project: MONITORING THE ENVIRONMENTAL IMPACT OF THE WORKS REGARDING THE IMPROVING OF THE NAVIGATION CONDITIONS ON THE DANUBE RIVER BETWEEN CALARASI AND BRAILA, km 375-175

MONTHLY REPORT NO.58: 1 – 29 February 2016

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT 1 - 29 February 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.58	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 58
2	Communication of the project phase and results to the beneficiary - AFDJ Galați	<ul style="list-style-type: none"> ○ Elaboration of the addresses sent to AFDJ Galati 	
3	Coordination and checking of the field monitoring activity	<ul style="list-style-type: none"> ○ Checking the continuous monitoring stations, velocity measurements and bathymetry ○ Checking the monitoring stations for sturgeons ○ Checking the sampling campaigns ○ Checking the building site activities 	
4	Coordination of the project implementation team and permanent monitoring of the progress of proposed activities for the reporting period	<ul style="list-style-type: none"> ○ Field visits for activities monitoring ○ Working meetings 	
5	Approval of monthly activity reports of the experts		
6	Checking and approving the documents elaborated in month 58 of project activity		
7	Coordinate the completion of Interim Report 13 and Phase Report CP10		
8	Elaboration of the project activities program for the next period (1 - 31 March 2016)		

Project leader,
PhD eng. Deák György



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MONTHLY REPORT NO.58: 1 – 29 February 2016

6.3.2. Expert position: WATER AND SOIL MONITORING EXPERT - Gina Ghiță

MONTHLY REPORT 1 - 29 February 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 58 drafting ▪ Contribution to the completion of Interim Report 13 ▪ Contribution to Report on construction phase completion - CP10 	

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.58: 1 – 29 February 2016

6.3.3. Expert position: AIR AND NOISE MONITORING EXPERT - BORȘ ADRIANA (chemist2)

MONTHLY REPORT 1 - 29 February 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Conducting the 58 th campaign for noise level measurements (3,9,17.02.2016)	For main critical points CP 01, CP 02 and CP 10	Point values for noise level
2.	Conducting the 55 th campaign for air measurements /sampling (3,9,17.02.2016)	For main critical points CP 01, CP 02 and CP 10	Preliminary values for air quality indicators
3.	Other activities	<ul style="list-style-type: none"> ○ Participation at the meetings of the project implementation team, in order to plan and conduct future activities ○ Contribution to Monthly Report 58 drafting (chapters Air and Noise Monitoring) ○ Contribution to Report for Execution Phase in CP10, construction stage ○ Contribution to Interim Report 13 drafting 	Monthly Report 58

Expert,
PhD chem. Adriana Borș

Project leader,
PhD eng. DEÁK György



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6.3.4 Expert position: ICHTYOLOGIST 1 EXPERT - Sturgeons and barbell -CRISTEA VICTOR

MONTHLY REPORT 1 - 29 February 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data downloading CP01: (16, 17, 18, 23, 24.02.2016)	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database completion
2.	Installing of the monitoring systems type DKMR-01T (17, 18.02.2016)	Have been installed 9 new monitoring systems in bottom sill area on Bala branch, for the best possible coverage of detection area and one system on Old Danube km 348.	
3.	Active monitoring with VR100 for sturgeons (06, 07, 23, 24.02.2016)	Bala branch area have been actively monitored with VR100 device	Database
4.	Velocities measurements in wintering habitats CP01 (06, 07, 23, 24.02.2016)	Have been performed weekly measurements to determine velocities at water surface and near river bottom, in wintering habitats in CP 01	ADCP measurements
5.	Other activities	Contribution to Phase Report drafting for CP10 Data processing for Interim Report 13 Contribution to Monthly Report no. 58	Reports

Ichthyologist Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



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6.3.6. Expert position: HYDROLOGY EXPERT - PhD eng. George POTERAȘ

MONTHLY REPORT 1 - 29 February 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Turbidity, temperature and relative level data processing, recorded in the automatic stations in February 2016	Have been statistically processed the level, temperature and turbidity data, recorded in February 2016, in automatic stations placed on the monitored sector.	Statistical indicators, turbidity and temperature variation graphs, hodographs of the relative and absolute water level, water gradients, correlations between the automatic monitoring stations.
2.	Contribution to the Monthly Report no. 58	Data processing and interpretation.	Hydrology subchapter elaboration for the hydro-morphological monitoring activity and Annex 6.5

Expert,
PhD eng. George POTERAȘ

Project Leader,
PhD eng. Deák György



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6.3.7. Expert position: HYDRAULIC SEDIMENTOLOGY EXPERT - Gh. Viorel UNGUREANU

MONTHLY REPORT 1 - 29 February 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (02-05, 08-10, 16-18, 23, 24.02.2016)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetrical data, primary and processed, bathymetric cross-sections
2.		ADCP measurements for velocities and flow rates on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Processing continuation for flow and velocity measurements from previous months	Processed data for flow rate and velocity Velocities sections
4.		Contributions to Monthly Report 58	Hydromorphology Chapter and Annex 6.5
		Schedule drafting for 1 - 31 March 2016	Schedule

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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6.3.14. Expert position: ANTHROPIC IMPACT MONITORING EXPERT - AMBRUS LASZLO (ecologist 1)

MONTHLY REPORT 1 - 29 February 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (10.02.2016)	<ul style="list-style-type: none"> ○ field campaign in CP01 and CP02 areas and in secondary critical points to establish fixed and mobile sources of noise and emissions; ○ field campaign in order to establish the anthropization degree due to construction works; 	<ul style="list-style-type: none"> - data - photos
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ○ Contribution to the Monthly Report no 58 ○ Contribution to the Interim Report no. 13 ○ Drafting the program proposal for next period activities 	Monthly Report no. 58

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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6.3.16. Expert position: EXPERT ASSESSOR OF THE MONITORING RESULTS - Marian TUDOR

MONTHLY REPORT 1 - 29 February 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing related to aquatic and terrestrial ecosystems for Interim Report 13	Establishing the primary statistical values	Primary statistical parameters
2.	Corroboration of the results for abiotic and biotic parameters monitoring for Phase Report	Establishing intercorrelations between abiotic and biotic determinants	Correlation functions Quality indicators variation
3.	Data processing for drafting of the Phase Report in CP10	Correlations establishing	Statistical parameters Indicators variations

Expert assessor,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György