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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.63: 1 – 31 July 2016

ANNEX 6.3.

EXPERTS' ACTIVITY REPORTS



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MONTHLY REPORT NO.63: 1 – 31 July 2016

6.3.1. Expert position: PROJECT LEADER EXPERT- Deák György

MONTHLY REPORT

1 - 31 July 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1	Elaboration of the Monthly Report no.63	<ul style="list-style-type: none"> ○ Covering issues according to AFDJ RA Galati guidelines 	Monthly Report 63
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 experts' monthly activity reports		
6	Checking and approving the documents elaborated in month 63 of the project activity		
7	Coordinate the completion of Interim Report 14		
8	Elaborate the project activities program for the next period (1 - 31 August 2016)		

Project leader,
PhD eng. Deák György



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

MONTHLY REPORT
1 - 31 July 2016
Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PHYSICAL- CHEMICAL LABORATORY ANALYSIS	<ul style="list-style-type: none"> ▪ Conducting the specific standard procedures for analytical data quality assurance. ▪ Performing physical-chemical laboratory analysis for soil, water and sediment samples, collected in June 2016 	<ul style="list-style-type: none"> ▪ data regarding soil, water and sediment quality
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪ Contribution to Monthly Report 63 drafting ▪ Contribution to Interim Report 14 drafting 	

Expert,
PhD eng. Gina GHIȚĂ

Project leader,
PhD eng. DEÁK György



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

MONTHLY REPORT 1 - 31 July 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing	Processing the data measured in the field	Analysis bulletins
2.	Other activities	<ul style="list-style-type: none"> ○ Participation to the meetings of the project implementation team, in order to plan and conduct future activities ○ Contribution to Monthly Report 63 drafting (chapters Air and Noise Monitoring) ○ Contribution to Report for phase I of financing ○ Contribution to Interim Report 14 	Reports

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 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data downloading and maintenance in CP01, CP02 (08, 09.07.2016) and CP10 (20.07.2016)	Have been downloaded data from the monitoring systems and been performed maintenance activities.	Database
2.	Velocities measurements in breeding habitats in CP01(08, 09.07.2016) and CP10 (20.07.2016)	Were made velocity measurements in breeding habitats from CP01 and CP10	Database
3.	Other activities	- Contribution to Interim Report 14 - Contribution to Monthly Report no. 63	Reports

Expert,
PhD eng. Victor CRISTEA

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.63: 1 – 31 July 2016

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

MONTHLY REPORT 1 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Data processing for turbidity, temperature and relative level, recorded in automatic stations in July 2016	Statistical processing of level, temperature and turbidity data recorded in June 2016, in automatic stations from 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. 63	Processing and interpretation of specific data.	Hydrology subchapter drafting 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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MONTHLY REPORT NO.63: 1 – 31 July 2016

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

MONTHLY REPORT 1 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	MONITORING CAMPAIGN (05, 06, 07, 08, 13, 14, 15, 20, 26, 27.07.2016)	Single-beam bathymetric measurements in main critical points for sections profiling	Bathymetric data, primary and processed, bathymetric transversal profiles
2.	MONITORING CAMPAIGN (05, 06, 07, 08, 13, 14, 15, 20, 26, 27.07.2016)	ADCP measurements for velocity and flow on the monitoring sector	Unprocessed velocities data
3.	OTHER ACTIVITIES	Continuation of measurements processing for flow and velocity from previous months	Processed data for flow rate and velocity Velocities sections
		Contributions to Monthly Report 63	Hydromorphology Chapter and Annex 6.5
		Schedule proposal drafting for 1 - 31 August 2016	Schedule
		Contributions to Interim Report 14	Hydromorphology chapter and annexes

Expert,
PhD eng. Gh. Viorel UNGUREANU

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.63: 1 – 31 July 2016

6.3.8 Expert position: MACROPHYTES AND PHYTOPLANKTON EXPERT - Florica Marinescu

MONTHLY REPORT 1 - 31 July 2016 Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PREPARING THE SAMPLING CAMPAIGN FOR PHYTOPLANKTON AND MACROPHYTES	<ul style="list-style-type: none"> ▪Preparing sampling containers for phytoplankton samples ▪Preparation of reagents for samples fixing in field conditions; ▪Preparing the necessary documents for „in field” samples registration 	Ensuring the conditions for sampling campaign
2.	CONDUCTING THE SAMPLING CAMPAIGN FOR PHYTOPLANKTON AND MACROPHYTES (14.07.2016 - phytoplankton; 21.07.2016 - macrophytes)	<ul style="list-style-type: none"> ▪Specific sampling activities for phytoplankton and macrophytes from CP 01, CP 02, CP 10, 03A, 03B, CP 04A, 04B, CP 07 ▪In field determination of macrophytes species ▪Collecting and preserving for macrophytes that was not determined on site ▪Samples fixing according to standards in force ▪Sampling bulletins completion for phytoplankton and macrophytes 	<ul style="list-style-type: none"> - 11 average phytoplankton samples (left bank, center, right bank) - 40 macrophytes samples - sampling bulletins
3.	LABORATORY ANALYSIS	<ul style="list-style-type: none"> ▪Microscopic identification of the organisms from phytoplankton composition ▪Quantitative microscopic analysis of algal units from phytoplankton composition 	Results regarding quality data
4.	DATA PROCESSING AND ANALYSIS	<ul style="list-style-type: none"> ▪drawing up the list of phytoplankton species identified in collected samples ▪calculation of density and biomass for phytoplankton samples ▪calculation of saprobic index and Simpson diversity index for phytoplankton samples ▪preparing the list of macrophytes species, identified in each critical point ▪calculation of density and biomass for aquatic macrophytes 	Values of quality indicators
5.	OTHER ACTIVITIES	<ul style="list-style-type: none"> ▪Participare la elaborare Raportului lunar nr. 63 - capitolul monitorizarea florei și faunei acvatice (cu excepția ihtiofaunei) ▪Contribuții la Raportul intermediar 14 	Monthly Report no 63 - Chapter F Interim Report 14 - Chapter 2.1.7

Expert,
PhD biologist Florica MARINESCU

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.63: 1 – 31 July 2016

6.3.12. Expert position: TERRESTRIAL FLORA AND FAUNA EXPERT - Frink József Pál

MONTHLY REPORT 1 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	PREPARING MONITORING CAMPAIGN FOR TERRESTRIAL VEGETATION	Preparing logistics and timetable for achieving of phytosociological survey in permanent plots, for critical points mentioned in the Specifications, for this monitoring period.	Ensure optimal conditions for sampling campaign
2.	MONITORING CAMPAIGN FOR TERRESTRIAL VEGETATION (01-09.07.2016)	Performing the monitoring activities in critical points 01, 02, 10, 03A, 03B, 04A, 04B and 07. In this locations were made phytosociological survey points, according to Braun-Blanquet methodology, recording parameters requested by Specifications for vegetation characterization.	Were made 12 points of phytosociological survey in permanent plots
3.	DESK ACTIVITIES	Identification and verification of vegetal polymorphs taxons, hardly identifiable on the field, their introduction as well as of parameters registered in field, in the computerized database.	Were accurately identified and were verified the taxa unidentified in the field, were made 12 phytosociological charts
4.	OTHER ACTIVITIES	Contribution to Monthly Report 63 - subchapter terrestrial flora Contribution to Interim Report 14	Monthly Report 63 - Chapter G

Expert,
Frink József Pál

Project Leader,
PhD eng. DEÁK György



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6.3.13 Expert position: AVIFAUNA MONITORING EXPERT - JOZSEF SZABO

MONTHLY REPORT

1 - 31 July 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANALYSIS AND PROCESSING THE DATA FROM SPRING CAMPAIGN	<ul style="list-style-type: none"> Processing the data regarding avifauna in main and secondary critical points, identified in spring campaign 	
2.	OTHER ACTIVITIES	<ul style="list-style-type: none"> Contribution to Interim Report no. 14 drafting 	Reports

Expert,
JOZSEF SZABO

Project Leader,
PhD eng. DEÁK György



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MONTHLY REPORT NO.63: 1 – 31 July 2016

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

MONTHLY REPORT

1 - 31 July 2016

Post-construction monitoring

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT MONITORING (08.07.2016)	<ul style="list-style-type: none"> ○ field campaign in critical points areas and in secondary critical points to set out the fixed and mobile sources for 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 63 ○ Contribution to Finalization Report drafting for the first phase of financing ○ Contribution to Interim Report 14 	Reports

Expert,
AMBRUS Laszlo

Project Leader,
PhD eng. DEÁK György



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6.3.15. Expert position: IMPACT ASSESSMENT/MONITORING ON BIODIVERSITY - ZAHARIA Tania (ecologist 2)

MONTHLY REPORT 1 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	ANTHROPIC IMPACT ON BIODIVERSITY MONITORING (04, 05, 06, 07, 08.07.2016)	Observation regarding anthropic impact on avifauna in Natura 2000 sites: ✓ Field campaign in critical points area	
2.	OTHER ACTIVITIES	○ Contribution to Monthly Report 63 and Interim Report 14	Reports

Expert,
PhD Tania ZAHARIA

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 - 31 July 2016

No.	ACTIVITIES	DESCRIPTION	RESULTS
1.	Primary data processing related to aquatic and terrestrial ecosystems for Interim Report 14	Setting of primary statistical values	Primary statistical parameters

Expert,
PhD Marian TUDOR

Project Leader,
PhD eng. DEÁK György