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1. INTRODUCTION

This Environmental Management Report is the second approach of the Concessionaire's Environmental Management Process and has been drawn up in the context of its contractual obligation deriving from Article 11.2.2 paragraph (ii) of the Concession Agreement, Law 3597/20-07-2007 (OGG 3445A/25-07-2007).

The data of each Semi-annual Environmental Management Report is a part of the Annual Report, which should be submitted to the Special Service for Environment (EYPE) of the Ministry of Environment, Physical Planning and Public Works (YPEXODE) until the 31st of January each year and throughout the entire Design - Construction Period, in accordance with the approved environmental terms of the Project.

The first Semi-annual Environmental Management Report was submitted by the Joint Venture on 31/10/2008 and concerned the time period from April 2008 to September 2008 that is the 1st semester from the starting date of the Concession Agreement. For functional reasons, the Constructional Joint Venture of the Project has requested to change the deadlines for the submission of the semi-annual reports, so that they are submitted per calendar semester. From the submission of the 1st Semi-annual Report up to now, the 1st Annual Report was submitted (submission on 31/01/2009). Thus, according to the above, this Semi-Annual Report concerns a time period from January 2009 to June 2009.

Moreover, it should be noted that this report is a progress/improvement of the structure of the previous report and it is clear that its purpose is to enhance the presentation of the environmental issues. The under preparation Environmental Management Plan of the Project plays an important role to this since it is characterized by its constant enhancement.



1.1 DESCRIPTION OF THE PROJECT

State: Hellenic Republic

Concessionaire: CENTRAL GREECE MOTORWAY S.A.

Constructor: CENTRAL GREECE MOTORWAY (E65) J.V

Independent Engineer: SCOTT WILSON- OMEK

THE SCOPE OF THE PROJECT INCLUDES THE DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE IN ACCORDANCE WITH THE RESPECTIVE CONCESSION AGREEMENT:

- (i) "Central Greece" Motorway with a length of 174 km
- (ii) Skarfia - Rahes section of the PATHE motorway with a total length of 57 km

The Greek State has offered its financial contribution. Moreover, the Greek State is obliged to ensure, throughout the entire concession period, the Vacant Possession of the Project's Site from the Concessionaire as well as the relevant Access Rights to and from it.

The project is a part of the Trans-European Networks (TEN).

It serves international traffic portals in Igoumenitsa and Kristallopigi as well as the trans-regional traffic.

The Central Greece Motorway (E65) starts at CH. 203+000 of the PATHE motorway and ends at Egnatia Odos, location of Panagia, crossing the prefectures of Fthiotida, Karditsa and Trikala.

It consists of two lanes per direction as well as of one emergency lane. The width of the motorway at the lowland is 24.5 m with a maximum speed limit at 120 km/hour, while at the mountain areas the width is 21.0 m with a maximum speed limit at 110 km/hour.

It includes:

- 15** Interchanges
- 7** Toll Stations
- 6** Motorists Service Stations
- 3** Operation & Maintenance Centers
- 7** Tunnels



As well as bridges, over- and under-passes, support walls, drain-pipes, etc.

According to the environmental terms of the project, the Central Greece Motorway (E65) is divided in the following three sections:

Section	From CH.	To CH.	A.E.T. Decision*
1 st Section	0+000	85+800	Joint Ministerial Decision 144504/18.11.2005
2 nd Section	85+800	137+550	Joint Ministerial Decision 145521/18.11.2005
3 rd Section	137+550	175+000	Joint Ministerial Decision 147014/18.11.2005

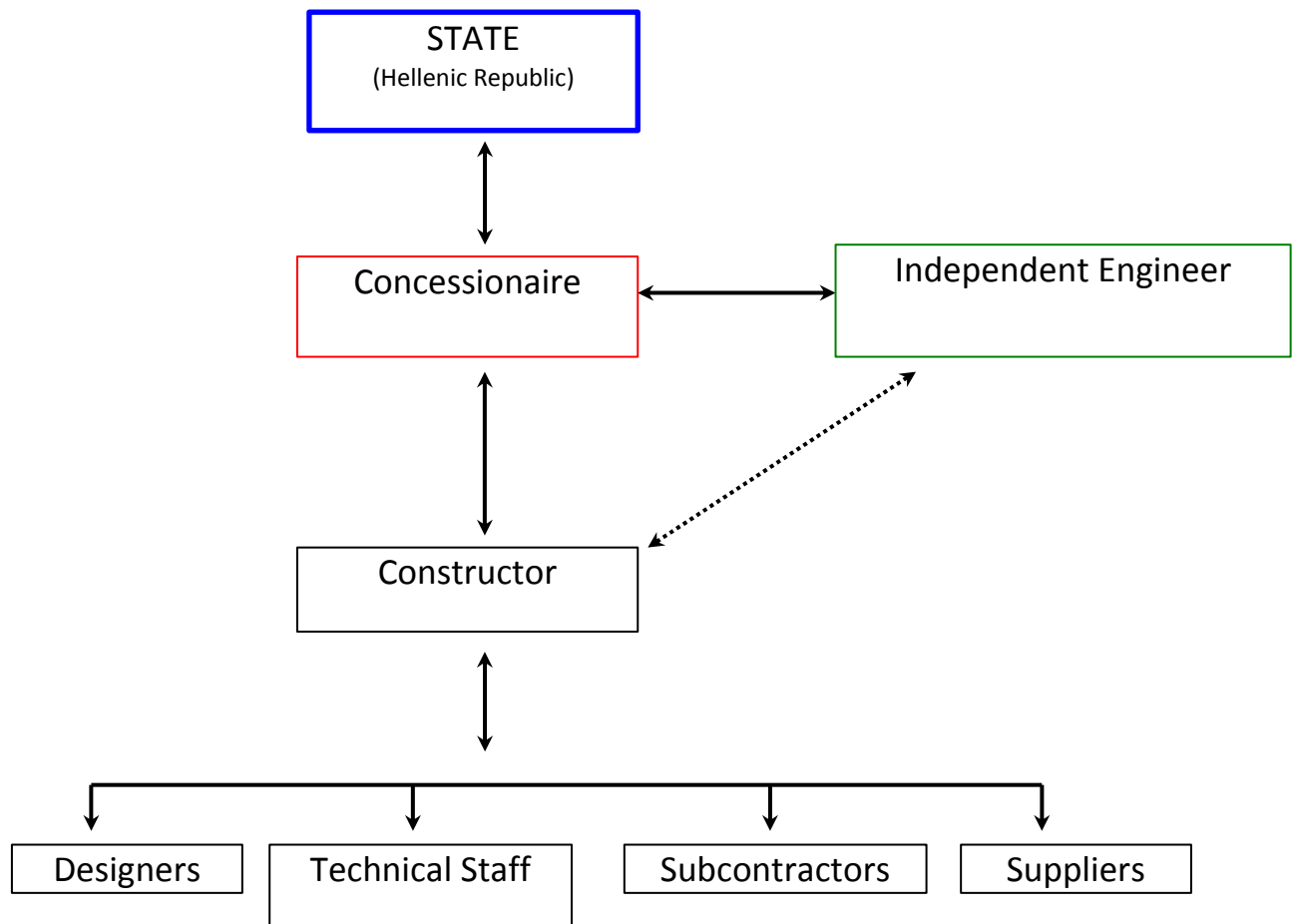
The sections of the Concession Agreement Project are divided in Geographical Units (GU).

The New State Sections that are already being constructed by the State and that after their completion will be incorporated into the Concession Project are as follows:

s/W	SECTION	Km.
12 S/W	Skarfia - Thermopiles section	17,320
13 S/W	Thermopiles - Sperhios section (except for the ERGOSE bridge which is under construction)	8,5
	Bridge under construction by ERGOSE at Thermopiles - Sperhios section	
14 S/W	Sperhios - Ag. Paraskevi I/C	3,5
15 S/W	Ag. Paraskevi I/C - Ag. Marina Section	8,5
16 S/W	Ag. Paraskevi Marina - Rahes section	19,200
	Technical works at PATHE - Lianokladi section which is under construction by ERGOSE	

The complexity of the project lies in the following:

Project Implementation Structure





2. GENERAL ISSUES

2.1 BRIEF REPORT

Clarifications on the previous report

In accordance with Article 4, par. 4, case (a) of Law 3555/2007 (OGG 81A/16.04.2007 refers that at the Ministry's works, which are being assigned based on the tender submission process "whole or partial self-financing of the project, with various exchanges" as per Article 4, par. 4, case (h) of Law 1418/1984 (OGG 23A) as in force, the provision of par. 1, case c and par. 3 of Article 2 of Law 2445/1996 (OGG 274A) are implemented in the territorial areas included in the boundaries predefined by the relevant annex of the Special Conditions of Contract accompanying the Concession Agreement of each project.

In accordance with par. 1, case (c) of Article 2, Law 2445/1996 (OGG 274A), the occupancy, deformation or coverage of forests and forest areas that are included within the boundaries specified in the Designs of Annex 7 and in line with the terms and conditions of the Agreement is allowed. This law approves the change of use, abrogates re-forestation and grants permits for felling works to the above sites.

Consequently, no request for approval of intervention by the responsible Forest Services (Lamia & Karditsa Forest Service) is required. Furthermore, no abrogation of re-forestation by the responsible Forest Service is required.

Outstanding Issues

- a. The cadastral records received on July 2008 concerning the new sections of the motorway include a part of the Agia Marina - Rahes section. The remaining cadastral records have been requested but not received yet. However, the contractual date to deliver the sections Thermopiles-Sperhios and Agia Paraskevi-Agia Marina on 31/10/08 was not met and thus new delivery dates for these sections are expected, such as on 23/06/09 for



the 12sW section: SKARFIA - THERMOPILES, which was also not met.

- b. Regarding the expropriation boundaries in E65 that concur with the ERGOSE project at CH.0+000 - CH.16+000, the Joint Venture has already notified the Concessionaire. The respective design of ERGOSE was received within March 2009 via Egnatia S.A. The cancellation of the side-road for the railway project was necessary for the implementation of the motorway. Up to date, this issue has not been solved. With respect to the interference of E65 in the ERGOSE tunnel under development at CH.43+000 - CH.47+000, a special geological and geotechnical report has been prepared and submitted to the Concessionaire on February 2009 in order to be taken into account for the actions to follow. EGNATIA S.A. shall organise a relevant meeting with the participation of ERGOSE members that will be held on July 2009.
- c. With respect to the Public Utility Networks related to E65, the issue on which bodies shall bear the cost of the necessary design and construction works has not been fully solved as EGNATIA S.A., despite the fact that it has stated to cover all relevant expenses, up to now no particular progress has been monitored by the communication of the Joint Venture with the Public Utility Networks and in any case, the process should be accelerated.
- d. The contractual deadline for the delivery of the land was set on 31/03/2009 and was met. The public areas of the project have been officially delivered to the Joint Venture on 28/05/09 (Protocol I) despite the fact that the state of ownership of some sections is not clear as in the case of the Municipal of Menelaida from CH. 47+000 to 56+000 in plots ceded to us when the alleged owners terminated the works in the presence of the police. With respect to the private areas via requisition process, up to the date of this report (25/06/09) the following section have been officially delivered to the Joint Venture:
 - CH. 92 +225 - CH.103+837 on 04/06/09 (Protocol II)
 - CH.0+900 2 - CH.2+800 on 16/06/09 (Protocol II)which still remain unfinished and do now allow land occupancy at all the range of the expropriated zone to a length greater than



600 – 800 m and therefore they are not suitable for a productive construction. More specifically, with respect to Protocol III, the involvement in the expropriation boundaries of ERGOSE poses additional problems (see previous comment - b). The whole issue on the delayed and unfinished delivery of the land delays almost all sections of the project and in particular at Geographical Unit 1N: CH.0+000 – CH.14+00, 8N: CH.111+000 - CH.123+000 and 10N: CH.136+000 - CH.144+000 where the overall time limit is negative.

- e. The final report of the revised detailed time schedule for the design and construction was submitted on 16/06/09 and includes the comments of the Independent Engineer and is expected to be approved by mid of July 2009.

Report Period

- a. The general activation of the worksites is under development.
- b. The process to obtain permits for worksite installations, quarries, borrow pits, disposal site and equipment is in progress.
- c. The cooperation with the Public Utility Corporations is under development in order to relocate various networks in the project.
- d. The cooperation with the Archaeological Services in order to organize the forthcoming investigations is also in progress.
- e. Section to be delivered or section already operating: No section of the project has been omitted. No section of the project has been given to operation.

Problems and possible risks

- Possible delay due to the archaeological findings at CH.55+400 in terms of the investigative cuts.
- Delay due to non-accomplishment of the revised delivery deadline for the New State Section 12 SW: Skarfia - Thermopiles
- Possible delay due to the existence of worksite installations within the range of works occupancy (Molos I/C Toll Stations and Agia Triada).
- Delays in the process of expropriation, non-delivery of areas with



subsequent delays at various parts of the projects.

- Delays due to non-timely staff recruitment by the Archaeological Services involved for the performance of trial cuts and monitoring of excavations.
- Possible delays due to non-timely relocation of a Public Utility Network. Possible delay in the development of the works due to the crossing of high voltage cabling at CH.59+687.
- Possible delay due to the lack of appropriate borrow pits / quarries as various proposed areas have already been rejected by the local Archaeological & Forest Services.

2.2 ENVIRONMENTAL REQUIREMENTS

The design, construction and operation of the project are in full compliance with the Approved Environmental Terms as well as with all the requirements that derive from the Concession Agreement (C.A) and the attached contractual documents (Design & Construction Agreement, Special Conditions of Contract, Technical Conditions of Contract, Project Design Regulation) as well as the applicable legislation.

More specifically:

Contractual Documents

Law 3597/20-07-2007 (OGG 3445A/25-07-2007)

Concession Agreement

Attached:

- Design & Construction Agreement
- Special Conditions of Contract
- Technical Conditions of Contract
- Project Design Regulation
- Environmental Terms Approval Decisions
 - ✓ Joint Ministerial Decision 144504/18.11.2005



- Approval of environmental terms for the construction and operation of the project "Central Greece Road Axis (E65) Makrihori - Lamia".
- ✓ Joint Ministerial Decision 145521/18.11.2005
Approval of environmental terms for the construction and operation of the project "Central Greece Road Axis (E65) Makrihori - Kalambaka".
 - ✓ Joint Ministerial Decision 147014/18.11.2005
Approval of environmental terms for the construction and operation of the project "Central Greece Road Axis (E65) Kalambaka - Egnatia Odos section and Agia Paraskevi I/C for the connection with Egnatia Odos".
 - ✓ Joint Ministerial Decision 122974/28.07.2004
Approval of Environmental Terms for the project "Modification of Flood Protection Works at Sperhios river" Prefecture of Fthiotida.
 - ✓ Joint Ministerial Decision 130665/02.05.2003
Approval of environmental terms for the project "Optimization of the National Road Athens - Thessaloniki to a motorway that will serve Patra - Athens - Thessaloniki - Evzoni (PATHE), Lamia - Rahes section, subsection at CH.3+500 to CH.12+000"
 - ✓ Joint Ministerial Decision 146109/30.09.2005
Approval of environmental terms for the construction and operation of the project "Optimization of the National Road to a PATHE motorway, section from Nea Kiti of Sperhios river to Roditsa Interchange".
 - ✓ Joint Ministerial Decision 131550/04.05.2003
Approval of environmental terms for the construction and operation of the project "Optimization of the National Road to a PATHE motorway, Skarfia - Lamia section, subsection from the beginning of the Thermopiles Interchange to Nea Kiti of Sperhios river".
 - ✓ Joint Ministerial Decision 146113/12.07.2005
Approval of environmental terms for the construction and operation of the project "Skarfia - Thermopiles at the section Skarfia - Lamia of the PATHE motorway".

- Joint Ministerial Decision 126696/06.06.2007 (Amendment of Joint Ministerial Decision 146113/12.07.2005)
- ✓ Joint Ministerial Decision 103681/05.05.2006
Approval of environmental terms for the construction and operation of the project "Connecting Branch of Lake Smokovo Interchange with the existing road network".
 - ✓ Joint Ministerial Decision 100198/30.05.2006
Approval of environmental terms for the construction and operation of the project "Overall Bypass at Stylida - Karavolmylos".

Applicable Legislation

Legislation for the project

Deed No.	OGG No.	Scope
1	2	3
Law 3597/2007	OGG 168A/25.07.2007	Ratification of the Concession Agreement for the Project "Design, Construction, Financing, Operation, Maintenance and Use of the Central Greece Motorway (E65) and settlement of related issues".
Law 3555/2007	OGG 81A/16.04.2007	Ratification of the Concession Agreement for the Project "Design, Construction, Financing, Operation, Maintenance and Use of "Ionia Odos" Motorway from Antirio to Ioannina, PATHE Athens (Metamorfossi I/C) Maliakos (Skarfia) and the connecting branch of PATHE Schimatari - Halkida" and other provisions.
Law 2445/1996	OGG 274A/16.12.1996	Ratification of the Concession Agreement for the Project "Design, Construction, Self-Financing and Operation of Elefsina Avenue - Stavros - Spata Airport and Western Regional Imitos Avenue", settlement of related issues and other provisions.
Law 998/79	OGG 289/29-12-1979	On the protection of forests and forest areas in the country
Ministerial Decision Δ10/2001 B-244		On Special Restoration Studies

Legislation for Public Works Designs

Deed No.	OGG No.	Scope
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1	2	3
Presidential Decree 696/74	21/4/2.2.74	On the remuneration of engineers for the preparation of designs and related technical design specifications.
Law 716/77	295/A/5.10.77	On the Registry of Design Consultants and assignment and preparation of designs
Presidential Decree 99/78	20/A/78	On the amendment and complement of article 104 of Presidential Decree 696/74
Presidential Decree 541/78	116/A/28.7.78	On the categories of designs
Presidential Decree 798/78	185/A/6.11.78	On the determination of the design remuneration limits per category of degree
Presidential Decree 799/78	185/A/6.11.78	On the process of keeping and approving Design Consultants and Technical Agencies Registries and registration.
Presidential Decree 840/78	196/A/20.11.78	On granting, producing, expanding, renewing, removing and controlling the Design Consultants and Technical Agencies degrees.
Presidential Decree 917/78	223/A/16.12.78	On the objections and requests for handling the aforementioned issues that are settled by articles 3 and 6 up to 10 of Law 716/77.
Presidential Decree 923/78	224/A/18.12.78	On the establishment of Technical Agencies, their obligations and their cooperation.
Presidential Decree 862/78	207/A/2.12.78	On the determination of the number of districts in the country as specified in Law 716/77.
Presidential Decree 194/79	53/A/15.3.79	On the application of article 11 and forth of Law 716/77.
N1418/84	23/A/29.2/84	Public works and arrangements of related issues
Presidential Decree 76/85	27/A/1.3.85	Municipal & Communal Code
Presidential Decree 152/87		On the amendment and complement of Presidential Decree 696/74
Presidential Decree 515/89	219/A/89	On the amendment and complement of Presidential Decree 696/74
92/50/EEC of 18.6.92		For the coordination of entering contracts with Services
YPEXODE 40/93		For the temporary implementation of Directive 92/50/EEC during the assignment of designs as per Law 716/77.
93/36/EEC		For the coordination of entering public procurements contracts
93/37/EEC		For the coordination of entering public works contracts
Presidential Decrees 23/93	8/A/5.2.93	Adaptation of the Greek legislation for Public Works to the provisions of European Directive 71/304, 71/305, 78/669, 89/440 and 89/665 of EEC.
Presidential Decrees 368/94	201/A/2.12.94	Amendment and complement of Presidential Decree 472/85 & 609/85



Deed No.	OGG No.	Scope
1	2	3
Presidential Decree 85/95	52/A/8.3.95	Amendment and complement of Presidential Decree 23/93
N 2362	245/A/27.11.95	On the State accounting audit and expenses and other provisions - Agreements on behalf of the State, articles 79 to 85.
YPEXODE/GGDE 37/95 ΔΜΕΟ/α/Ο/3429/11.9.95		Preparation of Public Works Designs
YPEXODE/GGDE 27/97 ΔΜΕΟ/Α/Ο/2934/2.10.97		Preparation of Public Works Designs - Construction & Design System
YPEXODE 31/97 Δ15/16158/31/6.10.97		Assignment of Public Works Designs
97/52/EC of 13.10.97	L328/1/28.11.97	On the amendment of European Directives 92/50/EEC, 93/36/EEC & 93/37/EEC regarding the coordination of entering contracts
Presidential Decree 256/98	190/A/12.10.98	Supplement of provisions of Presidential Decree 541/78 on "Categories of Designs"
Presidential Decree 346/98	230/A/12.10.98	Adaptation of the Greek Legislation for public contracts for the provision of services to the provision of Directive 92/50/EEC of the European Council of July 18, 1992
Presidential Decree 18/00	15/A/03.02.00	Amendment of Presidential Decree 346/98 on the "Adaptation of the Greek Legislation for public contracts for the provision of services to the provision of Directive EEC 92/50" in compliance with the provisions of Directive EEC 97/52/EC.

Environmental Legislation for Road Works

Deed No.	OGG No.	Scope
1	2	3
85/337/EEC of 27.6.95	L175/40/5.7.85	For the assessment of the implications caused by several public and private works in the environment.
Law 1650/86	160/A/16.10.86	For the protection of the environment
69269/5387/90	678/B/25.10.90	Classification of works and activities in categories, Environmental Impact Assessment (EIA), determination of the content of Special Environmental Measures (SEM) and other related provisions in accordance with Law 1650/86.
75308/5512/90	691/B/2.11.90	Determination of communication method for the representatives of citizens and bodies on the content of the Environmental Impact Assessment of the works and activities in accordance with paragraph 2 of Article 5, Law 1650/86.
YPEXODE 17/94		Directives on the implementation of the provisions of the Joint Ministerial Decision 69269/5387/24.10.90
YPEXODE 9/96		File content for the pre-approval of layout planning of



Deed No.	OGG No.	Scope
1	2	3
		works and activities in accordance with the provisions of the Joint Ministerial Decision 69269/5387/24.10.90
37/1994 GGDE / YPEXODE ΔΜΕΟ/δ/ο/1158/3-10-94		Temporary Specifications for the Environmental Impact Assessments cause by Road Works.
Law 3010/02	91/A/25.04.02	Harmonization of Law 1650/1986 with Directives 97/11EC & 96/61 EC, Delimitation process and issues settlement for watercourses.

Legislation for Environmental Permits

Deed No.	OGG No.	Scope
1	2	3
Law 2242/1994	OGG 162A13-10-1994	Town planning of a second residence in Urban Control Zones, protection of the natural structured environmental and other provisions.
Joint Ministerial Decision 25535/3281/2002	OGG 14638/20-11-2002	Approval of environmental terms by the Secretary General of Works & Activities that are categorised in the 2 subcategory of A category, in line with the Joint Ministerial Decision ΗΠ 15393/2332/2002 "Classification of public & private works in categories, etc." (8' 1022)
Joint Ministerial Decision 15393/2332/2002	OGG 10228/5-8-2002	Classification of public & private works and activities in categories, in accordance with article 3 of Law 1650/1986 as substituted by article 1 of Law 3010/2002 on "Harmonization of Law 1650/86 with Directives 97/11/EU & 96/61/EU (A' 91)
Joint Ministerial Decision 11014/703/Φ10 4/2003	OGG 3328/20-3-2003	Preliminary Environmental Assessment and Evaluation Process and Approval of Environmental Terms in accordance with article 4 of Law 1650/1986 (A' 160) as substituted by article 2 of Law 3010/2002 on the "Harmonization of Law 1650/1650 with Directives 97/11/EU & 96/61/EU" (A' 91).
Joint Ministerial Decision 1726/2003	OGG 55281 8-5-2003	Preliminary Environmental Assessment and Evaluation Process, Approval of Environmental Terms as well as approval of intervention or permit to intervene to a forest or forest area in the context of issuing a permit for the installation of power production unit from Renewable Sources of Energy.
Joint Ministerial Decision 37111/2021/2003	OGG 13918/29-9-2003	Determination of the communication method and participation of the people in the process of approving environmental terms for the works and activities, in accordance with paragraph 2 of article 5, Law 1650/1986 as substituted by paragraph 2 and 3 of article 3, Law 3010/2002.



Deed No. 1	OGG No. 2	Scope 3
Joint Ministerial Decision 13727/724/2003	OGG 10878/5-8-2003	Matching of categories of industrial and craft activities with the disturbance levels referred in the town planning decrees
Joint Ministerial Decision 1661/1994	OGG 7868/20-10-1994	Amendment and supplement of the provisions of the Joint Ministerial Decision 69269/5387 YPEXODE
Circular letter 122343/19-1-2004 (YPEXODE)		Clarifications on the definition, classification and procedures during the environmental permit for works and activities in accordance with the provisions of Law 16501/1986, as amended by Law 3010/2002
Circular letter 117266/27-5-2003 (YPEXODE)		Implementation of the provisions of article 12, par. 3 of the Joint Ministerial Decision Η.Π 11014/703/Φ/104/ΦΕΚ332/Β/2003 on the obligation to notify the competent authorities of pollutants disposal (emissions and waste) caused by the activities referred to in Annex 11 of article 5 of the Joint Ministerial Decision Η.Π 15393/2332/2002 (Β' 1022).
Circular letter 122859/2-2-2004 (YPEXODE)		File content for the implementation of article 13 of the Joint Ministerial Decision Η.Π. 11014/703/14.3.03 (OGG 332Β/2003).
Circular letter 130884/26-2-2004 (YPEXODE)		Clarifications on Table 9 of the Joint Ministerial Decision 15393/2332/02 (Industrial Plants).
Circular letter 137195/20-10-2003 (YPEXODE)		Classification of works within the Protected Areas of the "Nature 2000" network
Circular letter 17/59862/168794		Directives for the implementation of provisions of the Joint Ministerial Decision 69269/5387/90 (OGG 678 Β/2-10-90).

Legislation for the management and protection of water resources

Deed No. 1	OGG No. 2	Scope 3
Law 1739/1987	OGG 201Α/20-11-1987	Management of water resources and other provisions
Law 3199/2003	OGG 289Α/9-12-2003	Protection and management of water resources – Harmonization with Directive 2000/60/EC of the European Parliament and Council of October 23, 2000
Presidential Decree No. 256/1989.	OGG 121Α/11-6-1989	Water usage permit
Joint Ministerial Decision Φ16/6631/1989	OGG 428Β/2-6-1989	Specification of upper and lower limits of quantities necessary for the rational usage of water during irrigation

Deed No. 1	OGG No. 2	Scope 3
Joint Ministerial Decision Φ16/5813/1989	OGG 383B/24-5-1989	Permit to perform works, exploitation of water resources by legal entities not included in the public sector and individuals.
Joint Ministerial Decision Y2/2600/2001	OGG 892B/11-7-2001	Quality of Drinking Water, in accordance with Directive 98/83/EC of the European Council of 3/11/1998
Joint Ministerial Decision 5673/400/1997	OGG 192B/14-3-1997	Measures and terms for processing urban waste
Joint Ministerial Decision 19661/1982/1999	OGG 1811B/29-9-1999	Amendment of Joint Ministerial Decision 5673/400/1997 – List of areas sensitive to urban waste disposal in accordance with article 5 (par.1) of the this decision.
Joint Ministerial Decision 48392/939/2002	OGG 405B/3-4-2002	Supplement to Joint Ministerial Decision 19661/1982/1999, in accordance with article 5 (par.1) of this decision and more specifically with article 2 (par. B) of the same decision.
Joint Ministerial Decision 46399/4352/1986	OGG 438B/3-7-1986	Required quantity of surface water intended for: drinking, swimming, survival of fishes in fresh water, farming and fishing clams, measurement methods, sampling frequency and analysis of surface water intended for drinking, in compliance with the Directives of the European Council 75/440/EEC, 76/160/EEC, 79/923/EEC and 79/869/EEC.
Presidential Decree 1180/1981	OGG 293A/6-10-1981	On the settlement of issues that are related to the establishment and operation of industries, craft businesses, any type of mechanical installations and warehouses in order to protect the environment in general.
Joint Ministerial Decision E1β 221/1965	OGG 138B/24-2-1965	On waste and industrial waste management

Legislation for solid and other waste management

Deed No. 1	OGG No. 2	Scope 3
Joint Ministerial Decision E1β 301/64	63 B/16-2-1964	Provision on waste collection, removal and disposal.
Joint Ministerial Decision 49541/1424/86	444 B/9-7-1986	Solid waste in compliance with Directive 75/442/EEC of the European Council of July 15 1975.
Ministerial Decision 9728/824/96	358/B/1996	Measures for solid waste management



Deed No. 1	OGG No. 2	Scope 3
Ministerial Decision 114218/97	1016/B/1997	Preparation of specifications & general solid waste management framework.
Ministerial Decision 113944/97	1016/B/1997	National planning of solid waste management (general guidelines for civilian aspects of solid waste management).
Law 2939/2001	OGG 179A/2001	Package, alternative package and other products management – Establishment of the National Organization for Alternative Management of packages and other products - and other provisions
Joint Ministerial Decision 50910/2727/2003	OGG 1909B/22-12-2003	Measures and terms for solid waste management, National & Regional Management Planning.
Presidential Decree 82/2004	OGG 54A/2-3-2004	Substitution of the Joint Ministerial Decision 98012/2001/1996 on the "determination of measures and terms for the management of used mineral oils" (B 40) and "measures, terms and program for the alternative management of lubricating oil waste."
Presidential Decree 109/2004	OGG 75A/5-3-2004	Measures and terms for alternative management of used tires. Program for alternative management.
Presidential Decree 115/2004	OGG 80A/5-3-2004	Substitution of the Joint Ministerial Decision 73537/1438/1995 on the "Management of electrical batteries and accumulators that contains several hazardous substances" (B 781) and the Joint Ministerial Decision 19817/2000 on the "Amendment of the Joint Ministerial Decision 73537/1995, etc." (B 963). "Measures, terms and program for for alternative management of used accumulators and batteries.
Presidential Decree 116/2004	OGG 81A/5-3-2004	Measures, terms and program for alternative management of vehicles until the end of their life cycle, their used spare parts and the deactivated catalytic convertors in compliance with the provisions of Directive 2000/53/EC on "vehicles at the end of their life cycle" of the Council dated 18/9/2000.
Presidential Decree 117/2004	OGG 82A/5-3-2004	Measures, terms and program for alternative management of electrical and electronic equipment waste, in compliance with the provisions of Directive 2002/95 on "the limitation of the use of hazardous substances contained in electrical and electronic equipment and Directive 2002/96 on "electrical and electronic equipment waste" of the Council dated 27/1/2003.

Legislation for the management of toxic and hazardous waste

Deed No.	OGG No.	Scope
1	2	3
Presidential Decree 329/83		Classification, packaging and labelling of hazardous chemical substances
Joint Ministerial Decision 19396/1546/1997	OGG 604B/18-7-1997	Measures and terms for hazardous waste management
Joint Ministerial Decision 4859/726/2001	OGG 253B/9-3-2001	Measures and restrictions for the protection of the aquatic environment and more specifically determination of threshold limit values for several hazardous substances that fall under Last II of the Directive 76/464/EEC of the Council dated 4/5/1976
Joint Ministerial Decision 18186/271/1988	OGG 126B/3-3-1988	Measures and restrictions on the protection of the aquatic environment and more specifically determination of the threshold limit values of hazardous substances in liquid waste
Joint Ministerial Decision 55648/2210/1991	OGG 323B/13-5-1991	Measures and restrictions on the protection of the aquatic environment and more specifically determination of the threshold limit values of hazardous substances in liquid waste
Joint Ministerial Decision 90481/2193/1994	OGG 843B/11-11-1994	Supplement to the annex of article 12 of the Joint Ministerial Decision 55648/2210/1991 on the "Measures and restrictions on the protection of the aquatic environment and more specifically determination of the threshold limit values of hazardous substances in liquid waste" (B 323)
Joint Ministerial Decision 71560/3053/85	665 B/1-11-85	Disposal of used mineral oils in compliance with Directive 75/439/EEC of the European Council of June 16 1975.
Joint Ministerial Decision 72751/3054/1985	OGG 665B/1-11-1985	Toxic and hazardous waste and elimination of polychlorinated biphenyls and polychlorinated terphenyls in compliance with Directive 78/319/EEC and Directive 76/403/EEC of the Council of 20-3-1978 and 6-4-1976.
Joint Ministerial Decision 26857/553/1988	OGG 196B/6-4-1988	Measures and restrictions on the protection of underground water by disposing several hazardous substances.
Act of Council of Ministers 144/1987	OGG 197A/11-11-1987	Protection of aquatic environment from pollution caused by several hazardous substances effused and more specifically determination of threshold limit values for the quality of water in cadmium, mercury and hexachlorocyclohexane (HCH).



Deed No.	OGG No.	Scope
1	2	3
Act of Council of Ministers 73/1990	OGG 90A/11-7-1990	Determination of guidelines and threshold limit values for the quality of water by disposal of several of hazardous substances that fall under List I of annex A of article 6, Act of Council of Ministers 144/2.11.1987 (A 197/1987)
Act of Council of Ministers 255/1994	OGG 123A/21-7-1994	Supplement to the annex of article 6 of the Supplement the Act of Council of Ministers 73/29-6-1990 on the "Determination of guidelines and threshold limit values for the quality of water by disposing several hazardous substances that fall under List I of annex A of article 6, Act of Council of Ministers 144/2.11.1987 (A 197/1987)
Act of Council of Ministers 2/2001	OGG 15A/2-2-2001	Determination of guidelines and threshold limit values for the quality of water by disposing several hazardous substances that fall under List II of Directive 76/464/EEC of the Council of 4/5/1976
Joint Ministerial Decision 50388/2704/E1 03/2003	OGG 1866B/12-12-2003	Amendment and supplement to the Act of Council of Ministers 2/1-2-2001 on the "Determination of guidelines and threshold limit values for the quality of water by disposing several hazardous substances that fall under List II of Directive 76/464/EEC of the Council of 4/5/1976 (A 15)"
Ministerial Decision 01 98012/2001	40/B/96	Determination of measures and terms for managing used mineral oils.
Presidential Decree No. 82/2004.	OGG A' 64/2.3.2004	Substitution of the Joint Ministerial Decision 98012/2001/96 on the "determination of measures and terms for managing used mineral oils" (40/B) and "measures, terms and program for the alternative management of lubricating oil waste."
Joint Ministerial Decision H.Π 13588/725/2006	383/B/2006	Measures and restrictions on managing hazardous waste in compliance with the provisions of Directive 91/689/EEC on "hazardous waste" of the Council of 12/12/1991. Substitution of Joint Ministerial Decision 19396/1546/1997 on the "measures and terms for managing hazardous waste" 9604 B)
Joint Ministerial Decision 8668/2007	187/B/2007	Approval of the National Hazardous Waste Management Plan (ESDEA), in accordance with article 5 (par. A) of the Joint Ministerial Decision 13588/725 on the "measures, terms and restrictions for managing hazardous waste, etc." (B 383) and in compliance with the provisions of article 7 (par. 1) of Directive 91/156/K of the Council of 18/3/1991, amendment of the Joint Ministerial Decision 13588/725/2006 on the "measures, terms and restrictions for managing hazardous waste, etc." (B 383) and of the Joint Ministerial Decision

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Deed No.	OGG No.	Scope
1	2	3
		24944/1159/2006 on the "Approval of General Technical Specifications for managing hazardous waste etc." (B 791)

Legislation for Air Pollution Control

Deed No.	OGG No.	Scope
1	2	3
Joint Ministerial Decision 3277/209/2000	OGG 180B/17-2-2000	Determination of general principles and competent services to assess and manage the quality of air
Act of Council of Ministers 34/2002	OGG 125A/5-6-2002	Threshold limit and guiding values of sulphur dioxide, nitrogen dioxide, nitrogen oxides, particles and lead in the atmosphere
Act of Council of Ministers 98/1987	OGG 135A/28-7-1987	Threshold limit value of lead in the atmosphere
Act of Council of Ministers 99/1987	OGG 135A/28-7-1987	Threshold limit and guiding values of sulphur dioxide and suspended particles in the atmosphere
Act of Council of Ministers 25/1988	OGG 52A/22-3-1988	Threshold limit and guiding values of nitrogen dioxide in the atmosphere and amendment of the Acts of Council of Ministers 98 and 99/10-7-87
Joint Ministerial Decision 9238/332/2001	OGG 405B/27-2-2004	Threshold limit and guiding values of benzol and carbon monoxide in the atmosphere
Act of Council of Ministers 2/2003	OGG 58A/5-3-2003	Approval of the National Plan for the Elimination of Greenhouse Gas Emissions (2000-2010) in accordance with article 3 (par. 3) of Law 3017/2002 (OGG A 117)
Joint Ministerial Decision 11641/1942/2002	OGG 832B/2-7-2002	Measures and terms on the limitation of volatile organic compounds emission due to the use of organic solvents in some activities and installations.
Joint Ministerial Decision 58751/2370/1993	OGG 264B/15-4-1993	Determination of measures and terms for limiting air pollution caused to large plants.

Legislation for Noise Control

Deed No.	OGG No.	Scope
1	2	3
Joint Ministerial Decision 37393/2028/200	OGG 1418B/1-10-2003	Measures and terms on noise emission in the environment caused by equipment used outdoors.

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Deed No.	OGG No.	Scope
1	2	3
3		
Presidential Decree 86/1991	OGG 38A/18-3-1991	Protection of employees from hazards caused by their exposure to noise at work, in compliance with Directive 86/88/EEC
Ministerial Decision 17252/1992	OGG 395B/19-5-1992	Determination of indices and higher noise limits caused by traffic in road and transport works
Joint Ministerial Decision 56206/1613/1986	OGG 570B/9-9-1986	Determination of noise emission from machinery and worksite machines in compliance with Directive 79/113/EEC, 81/1051/EEC and 85/405/EEC of the Council of 19/12/1978, 7/12/1981 and 11/6/1985
Joint Ministerial Decision 69001/1921/1988	OGG 751B/18-10-1988	Approval of EEC-type of the threshold limit value of machinery and worksite machine noise and more specifically of motor-powered air compressors, tower cranes, welding and power generators and Hand-held concrete-breakers and picks.
Joint Ministerial Decision H.Π 9272/471/2007	OGG 286B/2007	Amendment of article 8 of the Joint Ministerial Decision 37393/2028/2003 (1418/B) in compliance with the provisions of Directive 2005/88/EC on "the amendment of Directive 2000/14/EC on the approximation of the laws of the Member-States relating to the noise emission in the environment by equipment for use outdoors" of the Council dated 14/12/2005.
Joint Ministerial Decision 10399 Φ 5.3/361/1991	OGG 359B/1991	Determination of threshold limit value of the noise emitted by tower crane supplementing Ministerial Decision 69001/1921/88



3. ENVIRONMENTAL MANAGEMENT OF THE PROJECT

3.1 ENVIRONMENTAL MONITORING & CONTROL PROGRAM

The "Environmental Monitoring & Control Program" is based on the environmental terms of the project and on the Concession Agreement and includes the following:

- Prioritisation of protective actions - measures that should be taken by the Constructional J/V according to the Environmental Terms and other contractual obligations.
- The designs, studies and technical reports that should be drawn up in the framework of construction and operation of the project and that involve several environmental issues.
- The implementation control process of the terms and actions by the competent authorities.

The purpose of the Environmental Monitoring & Control Program is to clearly determine the actions and measures required for the environmental management of the construction phase of the project and that derive from recording and assessing the environmental terms, other obligations or guidelines arising from the contractual documents and the applicable legislation.

The Environmental Monitoring & Control Program is currently at the submission phase to EYPE/YPEXODE.

3.2 ENVIRONMENTAL MANAGEMENT SYSTEM – ENVIRONMENTAL TERMS COMPLIANCE CHECKLISTS

The "Environmental Terms Compliance Checklists" are drawn up based on the Environmental Monitoring & Control Program and the Environmental Management System. These checklists include the way and methodology of required actions in order to ensure the implementation of the Environmental Terms with respect to the time schedule as well as their association with the



project time schedule. The respective tables are prepared in order to control the compliance program.

The responsible department for the environment in cooperation with the project engineers carry out regular inspections and complete the checklists by applying the "Environmental Monitoring & Control Program" and by observing the time schedule referred to it. Furthermore, they provide the necessary orders or guidelines that are based on the Environmental Monitoring & Control Program for every issue related to the environment.

The Environmental Management System consists of the Manual, the Procedures, the Guidelines and the Forms that are related to the environment and the observance of the project's requirements. The manual, the procedures and the guidelines for environmental management are currently at the preparation phase.

3.3 MONTHLY, SEMI-ANNUAL AND ANNUAL PROGRESS REPORT FOR THE IMPLEMENTATION OF ENVIRONMENTAL TERMS

At the same time, in order to monitor the Program and inform the Environmental Department of the Independent Engineer on a monthly basis, the person responsible draws up monthly and annual progress reports for the implementation of the environmental terms in the form of a table. These monthly reports include:

- Works or designs carried out regarding the implementation of the Environmental Terms and all possible variations on the Environmental Monitoring & Control Program.
- The relevant actions of the persons responsible (inspections, special reports, etc.).
- The results of the inspections and the conclusion of the monthly checklists
- A full photographic presentation of the environmental issues

At the end of each semester, a semi-annual progress report is being drawn up with respect to the implementation of the Environmental Terms in accordance with article 11.2.2., case (ii) of the Concession Agreement.



In December, an annual progress report is being drawn up which includes the annual review of all issues described in each monthly table and should be submitted to EYPE in accordance with the Joint Ministerial Decisions of the projects.



4. ENVIRONMENTAL ISSUES PROGRESS

The progress of the construction works is submitted by the joint venture Central Greece Motorway E65 to the Concessionaire via monthly reports of progress.

4.1 PERMITS - DESIGNS - APPROVALS

This section presents all requests submitted by the Constructional Joint Venture in order to obtain permits for the implementation of the project. Furthermore, the relevant designs that arise from the obligation to observe the contractual requirements and environmental terms of the project are presented.

4.1.1 Permits and approvals in accordance with the environmental terms of the project.

In the context of observing the environmental terms and other requirements based on the applicable legislation, Special Technical Implementation Studies (STIS) of the ancillary works are being prepared and submitted for approval and permit. The competent authority for this approval is EYPE/YPEXODE.

The following table (table 4.1.1-1) presents all relevant information on the submissions conducted to EYPE/YPEXODE.

Table 4.1.1-1
Environmental permit for ancillary works

No.	Ancillary work	Area	Submission to EYPE (ref. no. EYPE)	EYPE's Decision	Comments (approval, re-submission-rejection, etc.)
1.	MATERIAL WITHDRAWAL FROM ONOHONO RIVER	Municipality of Sofades, Prefecture of Karditsa	141388/25-6-2009	---	---
2.	BORROW PIT AT AGIA PARASKEVI, "KALAMAKI BR"	"Kalamaki Br." Municipality of Agia Paraskevi, Prefecture of Lamia, Prefecture of Fthiotida	136998/05.03.2009	---	---
3.	WORKSITE AT LAMIA (MSS CH. 12+000)	"Agios Trifonas, Stavros, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	---	---
4.	BORROW PIT / DISPOSAL SITE "Pyrgaki - Kofina"	Pyrgaki, Stavros, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	---	---
5.	BORROW PIT "Platana - Rema"	Platana - Rema, Lygaria, Municipality of Lamia, Prefecture of Fthiotida.	136998/05.03.2009	---	---
6.	BORROW PIT AT SPERHIOS RIVER	Magoula, among Municipality of Ypati and Lianokladi, Prefecture of Fthiotida	136998/05.03.2009	---	---
7.	BORROW PIT AT GERAKARIS STREAM	Asprokambos, Kombotades, Municipality of Ypati, Prefecture of Fthiotida.	136998/05.03.2009	---	---
8.	BORROW PIT AT "AERODROMIO" AREA, KEFALOVRYSSO, MUNICIPALITY OF FALORIA	Kefalovryssos, Municipality of Faloria, Prefecture of Trikala	140546/04.06.2009	---	---



Within the 2nd semester of 2009, additional relevant designs of ancillary works such as disposal sites, worksites, borrow pits, etc. shall be submitted in order to receive environmental permit.

Moreover, in line with the environmental terms of the project, the respective permits should be obtained by the competent authorities, such as Forest Services, Archaeological Services, Prefectural Administration Services, etc. The current cooperation with the public authorities is deemed remarkable, completely positive and successful.

The Constructional Joint Venture submits the required requests to obtain relevant permits. The main competent services involved in the project are the following:

- Forest Service of Lamia
- Forest Service of Karditsa
- Forest Service of Trikala
- Forest Service of Kalambaka
- Forest Directorate of Grevena
- ΙΔ Service of Prehistorical and Classical Antiquities
- ΑΔ Service of Prehistorical and Classical Antiquities
- Α Service of Prehistorical and Classical Antiquities
- 19th Service of Byzantine Antiquities
- 24th Service of Byzantine Antiquities
- 17th Service of Byzantine Antiquities
- Prefectural Administration of Fthiotida
- Prefectural Administration of Karditsa
- Prefectural Administration of Trikala
- Prefectural Administration of Grevena
- etc.

The following table (table 4.1.1-2) presents all requests submitted by the Constructional Joint Venture in order to obtain the relevant permits issued by the services in the framework of the project.

Table 4.1.1-2
Requests for permit by the relevant competent authorities

No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
1.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of worksite installation at the location of Kedrakos, Anavra, Municipality of Tamassio	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	CC/X/OR/T200N/PRO0249 0/02-06-2009	1284/27-05-2009	There is no objection to the layout planning of the worksite installation
2.	19 nd Service of Byzantine Antiquities	Approval of worksite installation at the location of Kedrakos, Anavra, Municipality of Tamassio	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	---	---	---
3.	Forest Service of Karditsa	Characterization of area (Approval of worksite installation at the location of Kedrakos, Anavra, Municipality of Tamassio)	---	CC/X/OR/GE 000 /PRO02725/2 3-06-2009	92/12-01-2009	The area is not characterised as forest, it has never been monitored by the Forest Service in the terms of the legislation for forest areas.
4.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of worksite installation at the location of Voulgarolaka, Agios Theodoros, Municipality of Kambos	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	CC/X/OR/T200N/PRO0249 0/02-06-2009	1284/27-05-2009	There is no objection to the layout planning of the worksite installation
5.	19 nd Service of Byzantine Antiquities	Approval of worksite installation at the location of Voulgarolaka, Agios Theodoros, Municipality of Kambos	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	---	---	---
6.	Forest Service of Karditsa	Characterization of area (Approval of worksite installation at the location of Voulgarolaka, Agios Theodoros, Municipality of Kambos)	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	CC/X/OR/T200N/PRO0272 4/23-06-2009	2349/14-04-2009	The area is not characterised as forest, it has never been monitored by the Forest Service in the terms of the legislation for forest areas.
7.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Kioskia, Anavra, Municipality	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	CC/X/OR/T200N/PRO0249 0/02-06-2009	1284/27-05-2009	There is no objection to the layout planning of the borrow pit

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No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
		of Tamassio				
8.	19 nd Service of Byzantine Antiquities	Approval of borrow pit installation at the location of Kioskia, Anavra, Municipality of Tamassio	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	---	---	---
9.	Service of Palaeoanthropology and Speleology of Northern Greece.	Approval of borrow pit installation at the location of Kioskia, Anavra, Municipality of Tamassio	CC/O/CO/T104 N/PRO02373/2 1-05-2009	---	---	---
10.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Kioskia, Anavra, Municipality of Tamassio)	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	CC/P/OR/T200 N/PRO0200 8/21-04-2009	2349/14-04-2009	The ancillary works of the main project can be implemented only after the submission, assessment and approval of STIS by EYPE/YPEXODE.
11.	Forest Service of Karditsa	Proprietary state at the location of Kioskia, Anavra, Municipality of Tamassio (to Topographical Service)	CC/X/OR/GE000/PRO02303/1 5-05-2009	CC/X/OR/GE000/PRO026 55/17-06-2009	4123/15-06-2009	Following the relevant document from the Forest Service with respect to the state of ownership (public or communal) the topographical service replied that there is no official diagram, table and technical data for the areas outside redistribution of land and therefore the state of ownership of this area cannot be determined.
12.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Kioskia, Anavra, Municipality of Tamassio)	CC/X/CO/GE000/PRO02676/J R/18-06-2009	CC/X/OR/GE000/PRO028 93/06-07-2009	4241/02-07-2009	The area is not characterised as forest, it has never been monitored by the Forest Service in the terms of the legislation for forest areas.
13.	ΛΔ' Service of Prehistorical and Classical Antiquities	Approval for disposal site installation at the location Agia Triada, Anavra, Municipality of Tamassio	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	----	---	---
14.	19 nd Service of Byzantine Antiquities	Approval for disposal site installation at the location Agia Triada, Anavra, Municipality of Tamassio	CC/O/CO/T200 N/PRO01778/J R/31-03-2009	---	---	---
15.	Forest Service	Characterization of	CC/O/CO/T200	CC/P/OR/T20	2349/14-04-	The disposal of

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No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
	of Karditsa	area (Approval for disposal site installation at the location Agia Triada, Anavra, Municipality of Tamassio)	N/PRO01778/J R/31-03-2009	ON/PRO02008/21-04-2009	2009	excavation and/or filling materials within the forests and forest areas is prohibited
16.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Geladarias, Anavra, Municipality of Tamassio	CC/X/CO/GE000/PRO02062/J R/27-04-2009	---	---	---
17.	19 nd Service of Byzantine Antiquities	Approval of borrow pit installation at the location of Geladarias, Anavra, Municipality of Tamassio	CC/X/CO/GE000/PRO02062/J R/27-04-2009	---	---	---
18.	Service of Palaeoanthropology and Speleology of Northern Greece.	Approval of borrow pit installation at the location of Geladarias, Anavra, Municipality of Tamassio	CC/X/CO/T104N/PRO02372/J R/21-05-2009	---	---	---
19.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Geladarias, Anavra, Municipality of Tamassio)	CC/X/CO/GE000/PRO02062/J R/27-04-2009	CC/X/OR/GE000/PRO02273/13-05-2009	2875/11-05-2009	In accordance with article 73 of Law 998/79, the defragmentation & delimitation of the public forest should precede.
20.	Forest Service of Karditsa	Proprietary state at the location of Kioskia, Anavra, Municipality of Tamassio (to Topographical Service)	CC/X/OR/GE000/PRO02303/15-05-2009	CC/X/OR/GE000/PRO02655/17-06-2009	4123/15-06-2009	Following the relevant document from the Forest Service with respect to the state of ownership (public or communal) the topographical service replied that there is no official diagram, table and technical data for the areas outside redistribution of land and therefore the state of ownership of this area cannot be determined.
21.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Geladarias, Anavra, Municipality of	CC/X/CO/GE000/PRO02676/J R/18-06-2009	---	---	---

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No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
		Tamassio)				
22.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Leimani, Kedros, Municipality of Menelaida	CC/X/CO/GE000/PRO02062/JR/27-04-2009	---	---	---
23.	19 nd Service of Byzantine Antiquities	Approval of borrow pit installation at the location of Leimani, Kedros, Municipality of Menelaida	CC/X/CO/GE000/PRO02062/JR/27-04-2009	---	---	---
24.	Service of Palaeoanthropology and Speleology of Northern Greece.	Approval of borrow pit installation at the location of Leimani, Kedros, Municipality of Menelaida	CC/X/CO/T104N/PRO02377/JR/22-05-2009	---	---	---
25.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Leimani, Kedros, Municipality of Menelaida)	CC/X/CO/GE000/PRO02062/JR/27-04-2009	CC/X/OR/GE000/PRO02273/13-05-2009	2875/11-05-2009	The area is private and is being managed by a committee
26.	Forest Service of Karditsa	Submission of supplementary data	CC/X/CO/T104N/PRO02377/JR/22-05-2009	CC/X/OR/T104N/PRO02569/09-06-2009	3535/03-06-2009	The alleged owners of the area do not hold any recognised ownership titles in accordance with the legislation for forest areas
27.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Leimani, Kedros, Municipality of Menelaida)	CC/X/CO/GE000/PRO02676/JR/18-06-2009	---	---	---
28.	Development Directorate of Prefectural Administration of Karditsa	Issuing of a permit for the operation of loose materials quarry (no use of explosives) at Sykeona, Municipality of Fyllo	CC/X/CO/GE000/PRO02063/JR/27-04-2009	CC/O/OR/GE000/PRO02198/JR/07-05-2009	Φ26/472/04-05-2009	Letter to 12 Services in order to receive their opinion
29.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Kokkinorahes, Anavra, Municipality of Tamassio	CC/X/CO/T101N/PRO02594/JR/11-06-2009	---	---	---
30.	19 nd Service of Byzantine	Approval of borrow pit installation at the	CC/X/CO/T101N/PRO02594/J	---	---	---

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No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
	Antiquities	location of Kokkinorahes, Anavra, Municipality of Tamassio	R/11-06-2009			
31.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Kokkinorahes, Anavra, Municipality of Tamassio)	CC/X/CO/T101 N/PRO02594/J R/11-06-2009	CC/X/OR/GE 000/PRO027 20/23-06-2009	4204/17-06-2009	The Agricultural Development Directorate of Karditsa has requested more information
32.	IA Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Pente Mylia, Ekkara, Municipality of Thessaliotida	CC/X/CO/T103 N/PRO02371/J R/21-05-2009	---	---	---
33.	24 nd Service of Byzantine Antiquities	Approval of borrow pit installation at the location of Pente Mylia, Ekkara, Municipality of Thessaliotida	CC/X/CO/T103 N/PRO02371/J R/21-05-2009	---	---	---
34.	Service of Palaeoanthropology and Speleology of Northern Greece.	Approval of borrow pit installation at the location of Pente Mylia, Ekkara, Municipality of Thessaliotida	CC/X/CO/T103 N/PRO02371/J R/21-05-2009	---	---	---
35.	Forest Service of Lamia	Characterisation of area (Approval of borrow pit installation at the location of Pente Mylia, Ekkara, Municipality of Thessaliotida)	CC/X/CO/T103 N/PRO02371/J R/21-05-2009	---	---	---
36.	ΛΔ' Service of Prehistorical and Classical Antiquities	Approval of ancillary works that will be located near the Onohonos river, Prefecture of Karditsa.	CC/X/CO/GE000/PRO02370/J R/21-05-2009	CC/Q/OR/GE 000/PRO026 59/17-06-2009	2054/01-06-2009	There is no objection to the layout planning for the withdrawal of materials from the river
37.	19 nd Service of Byzantine Antiquities	Approval of ancillary works that will be located near the Onohonos river, Prefecture of Karditsa.	CC/X/CO/GE000/PRO02370/J R/21-05-2009	CC/Q/OR/GE 000/PRO028 95/06-07-2009	2311/30-06-2009	There is no objection to the layout planning for the withdrawal of materials from the river
38.	Forest Service of Karditsa	Approval of ancillary works that will be located near the Onohonos river,	CC/X/CO/GE000/PRO02370/J R/21-05-2009	CC/X/OR/GE 000/PRO024 91/02-06-2009	3534/27-05-2009	The Forest Services is not responsible for issuing a permit for the withdrawal of inactive

CENTRAL GREECE MOTORWAY (E-65)



No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
		Prefecture of Karditsa.				materials from the rivers, in accordance with the Circular letter 33, ref. no. of order Δ7α/οικ/3147/12-10-1998. "Policing of streams and maintenance of flood protection works"
39.	Forest Service of Kalambaka	Submission of final optimization study for the existing forest road that connects the Worksite at CH. 167+400 with the existing local road network of Mykani - Kakoplevri	CC/C/CO/T311 N/PRO02125/J R/04-05-2009	---	3471/30871/20-05-2009	Re-submission of study and consent of forest owners (Municipality of Hassia) from which the road shall pass.
40.	Forest Directorate of Trikala	Submission of final optimization study for the existing forest road that connects the Worksite at CH. 167+400 with the existing local road network of Mykani - Kakoplevri	CC/C/CO/T311 N/PRO02125/J R/04-05-2009	---	---	---
41.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Petromagoula, Metamorfossi, Municipality of Palamas	CC/X/CO/T200 N/PRO01452/J R/ek/20-02-2009	CC/Q/OR/T2 00N/PRO021 99/07-05-2009	1394/21-04-2009	The permit for the installation of a borrow pit cannot be obtained due to archaeological findings.
42.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval of borrow pit installation at the location of Patoma, Metamorfossi, Municipality of Palamas	CC/O/CO/T200 N/PRO01452/J R/20-02-2009	CC/Q/OR/T2 00N/PRO021 99/07-05-2009	1394/21-04-2009	The permit for the installation of a borrow pit cannot be obtained due to archaeological findings.
43.	Forest Service of Karditsa	Characterization of area (Approval of borrow pit installation at the location of Koutsoufliani, Mitropolis, Municipality of Mitrolpoli)	CC/X/CO/GE00 0/PRO02062/J R/27-04-2009	CC/X/OR/T GE000/PRO0 2273/13-05-2009	2875/11-05-2009	The area has been characterised as an area to be reforested and therefore any intervention is prohibited.
44.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Approval for the installation of borrow pit at the location of Koutsoufliani, Mitropolis,	CC/X/CO/GE00 0/PRO02062/J R/27-04-2009	---	---	---

CENTRAL GREECE MOTORWAY (E-65)



No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
		Municipality of Mitrolopoli				
45.	19 nd Service of Byzantine Antiquities	Approval for the installation of borrow pit at the location of Koutsoufliani, Mitropolis, Municipality of Mitrolopoli	CC/X/CO/GE000/PRO02062/JR/27-04-2009	---	---	---
46.	ΛΔ' Service of Prehistorical and Classical Antiquities	Approval for the installation of borrow pit at the Pyrgos Kieriou, Municipality of Arni	CC/O/CO/T200N/PRO01451/JR/ek/20-02-2009	---	---	---
47.	Forest Directorate of Karditsa	Withdrawal of forest products between CH.55+200 - CH. 60+040	CC/O/CO/T300N/PRO01454/JR/20-02-2009	CC/O/OR/T200N/PRO01627/13-03-2009	1566/09-03-2009	Approval for withdrawal of forest products
48.	Public Power Corporation - General Directorate for Transportation (Athens)	Vertical pass of a high voltage line (150KW) at the area of Anavra, Municipality of Tamassio	CC/O/CO/GE000/PRO01517/JR/03-03-2009	---	---	---
49.	Land Improvement Directorate of S/E Karditsa	Rehabilitation of irrigation network at Tavropos	CC/O/CO/T200N/PRO01553/JR/06-03-2009	CC/X/OR/T206N/PRO02519/03-06-2009	1607/01-06-2009	Positive reply
50.	Region of Thessalia, Prefectural Administration, Technical Service Department for Municipalities & Communities	Submission of a signage study for the local road of Anavra - Lake Smokovo	CC/O/CO/GE000/PRO02376/JR/22-05-2009	CC/C/OR/GE000/PRO02896/06-07-2009	5577/03-07-2009	Approval of study
51.	Gas Transmission System Operator (DESFA)	High pressure gas ducts - Karditsa - Trikala	CC/X/OR/GE000/PRO02064/JR/27-04-2009	CC/X/OR/T206N/PRO02393/26-05-2009	Π021915/ΙΓ/κβ/21-05-2009	Detailed road works information has been sent
52.	HOL (Hellas on line)	Provision of information for the existing networks - Network relocation	CC/X/CO/T103N/PRO02714/JR/22-06-2009	---	---	---
53.	Prefecture of Karditsa - Land Improvement Directorate	Rehabilitation of irrigation systems	CC/X/CO/T103N/PRO02606/JR/16-06-2009	CC/X/OR/T205N/PRO02918/07-07-2009	4100/01-07-2009	Positive reply
54.	Local Organization of Land	Relocation of networks and irrigation drillings	CC/X/CO/T205N/PRO02713/JR/22-06-2009	---	---	---

CENTRAL GREECE MOTORWAY (E-65)



No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
	Improvements (TOEB) - Thessaliotida:	from CH. 60+500 to CH. 90+500				
55.	OTE S.A.	Labelling of networks	--- (Ref. no. TERNA 2/ΓΜ/γμ/10-12-2008)	---	52/2402/17-02-2009	Alignment of road and nodes boundaries at the areas that meet OTE networks
56.	Prefecture of Karditsa - Land Improvement Directorate	Typical cross-sections of the irrigation network at Tavropos	30/01/2009	---	700/10-02-2009	Supplementary information
57.	ΛΔ Service of Prehistorical and Classical Antiquities	Commencement of investigative cuts and works at CH. 47+000 to CH. 90+500	CC/O/CO/GE00/PRO01541/JR/ek/05-03-2009	CC/O/OR/T200N/PRO01608/11-03-2009	855/06-03-2009	There is no commencement of investigative cuts and works due to lack of scientific and labour staff
58.	ΙΔ Service of Prehistorical and Classical Antiquities	Approval of access road excavation at T2 area	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
59.	24 nd Service of Byzantine Antiquities	Approval of access road excavation at T2 area	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
60.	Forest Service of Lamia	Approval of access road excavation at T2 area	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
61.	ΙΔ Service of Prehistorical and Classical Antiquities	Approval of "Samolaka" worksite installation, Styrfakas, Municipality of Lianokladi	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
62.	24 nd Service of Byzantine Antiquities	Approval of "Samolaka" worksite installation, Styrfakas, Municipality of Lianokladi	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
63.	Forest Service of Lamia	Approval of "Samolaka" worksite installation, Styrfakas, Municipality of Lianokladi	CC/X/CO/T102N/PRO2497/JR/02.06.2009	----	----	----
64.	Prefectural Administration of Trikala	Request for permit for the operation of a borrow pit at the area Aerodromio, Kefalovrysso, Municipality of Faloria	CC/O/CO/T300N/PRO01255/JR/dc/21.01.2009	----	----	----

No.	Service	Subject	Request	Response		Comments
			J/V Ref. No.	J/V Ref. No.	Service Ref. No.	
65.	ΛΔ΄ Service of Prehistorical and Classical Antiquities	Opinion on the development of borrow pit at the area Aerodromio, Kefalovryso, Municipality of Faloria	CC/X/OR/T300 N/RR001865/0 7.04.2009 via the Prefectural Administration of Trikala	----	341/30.03.2009	There is no objection
66.	19 nd Service of Byzantine Antiquities	Opinion on the development of borrow pit at the area Aerodromio, Kefalovryso, Municipality of Faloria	CC/X/OR/T300 N/RR001865/0 7.04.2009 via the Prefectural Administration of Trikala	----	361/22.04.2009	There is no objection
67.	Forest Service of Trikala	Opinion on the development of borrow pit at the area Aerodromio, Kefalovryso, Municipality of Faloria	CC/X/OR/T300 N/RR001865/0 7.04.2009 via the Prefectural Administration of Trikala	----	522/27.03.2009	There is no objection

4.1.2 Project Designs

The contractual scope of the Constructional Joint Venture is to prepare the relevant construction and other designs for the implementation of the project. Furthermore, the environmental terms of the project referred to the relevant hydraulic and landscaping designs should be carried out. In addition, environmental studies to grant permits for the modifications that arise from the finalization of the works have been assigned. The environmental studies are presented in the following table (table 4.1.2-1).

**Table 4.1.2-1
Joint Ministerial Decision / Road Work Designs**

No.	Service Protocol No.	Decision Title / Project Section	Expiration
1.	Joint Ministerial Decision 144504/18.11.2005	"Central Greece (E65) Road Axis / Makrihori - Lamia"	18/11/2015
2.	Joint Ministerial Decision 145521/18.11.2005	"Central Greece (E65) Road Axis / Makrihori - Kalambaka"	18/11/2015



No.	Service Protocol No.	Decision Title / Project Section	Expiration
3.	Joint Ministerial Decision 147014/18.11.2005	"Central Greece (E65) Road Axis / Kalambaka - Egnatia Odos & Agia Paraskevi I/C" for its connection with Egnatia Odos".	18/11/2015
4.	Joint Ministerial Decision 103681/05.05.2006	"Connecting road of the Smokovo I/C with the existing road network".	05/05/2016
5.	Joint Ministerial Decision 146113/12.07.2005	Skarfeia - Thermopiles at the section of Skarfia - Lamia of the PATHE Motorway	12/07/2015
6.	Joint Ministerial Decision 126696/06.06.2007	Amendment of the Joint Ministerial Decision 146113/12.07.2005	06/06/2017
7.	Joint Ministerial Decision 131550/04.05.2003	"Optimization of the National Road to a PATHE motorway, Skarfia - Lamia section, subsection from the beginning of the Thermopiles Interchange to Nea Kiti of Sperhios river".	04/05/2013
8.	Joint Ministerial Decision 146109/30.09.2005	"Optimization of the National Road to a PATHE motorway, section from Nea Kiti of Sperhios river to Roditsa Interchange".	30/09/2015
9.	Joint Ministerial Decision 130665/02.05.2003	"Optimization of the National Road Athens - Thessaloniki to a motorway that will serve Patra - Athens - Thessaloniki - Evzoni (PATHE), Lamia - Rahes section, subsection at CH.3+500 to CH.12+000"	02/05/2013
10.	Joint Ministerial Decision 100198/30.05.2006	"Overall Bypass at Stylida - Karavomylos"	30/05/2016

4.1.3 Special Designs

In the context of the implementation of the environmental terms and rational management of the environment, the following special designs were prepared during the 1st semester of 2009.



- Special risk assessment to reduce the accidental pollution and to avoid polluting the ecologically-sensitive wetlands of Sperhios river with oils and hazardous substances.
- Forest road works design in order to open a new access road at Tunnel T7.
- Signage study for worksite installation on the local road of Anavra - Lake Smokovo

4.2 ANTIQUITIES

The Constructional Joint Venture is in direct communication with the competent archaeological services. Based on the Concession Agreement and the Design/Construction Agreement, the J/V is responsible for performing trial archaeological cuts following the competent authority's instructions.

More specifically, at the Geographical Unit 1N (Lamia), the works began on 10/03/09 at CH.11+100 (Kalyvia area) despite the fact that their completion in line with the approved time schedule was expected on 29/12/2008, creating thus critical delay in the project. However, from 08/04/09 up to now the said works that are being monitored by the 24th Service stopped due to the owner's refusal to allow for it and therefore the relevant expropriation has not been completed. Archaeological cuts are also performed at CH. 13+150 - CH.13+500.

At Geographical Unit 2N (CH.14+500 - CH.17+100) an initial investigation was carried out along with the archaeologists on 06/05/09. The investigative cuts conducted were stopped by the owners for various reasons (crops, requisition, etc.)

At Geographical Unit 4N (CH.48+500 – CH.60+500) the archaeological cuts from CH.55+300 to CH.55+500 which revealed an ancient wall remnant are in progress, while the cuts from CH.59+200 to CH.59+800 are still under development due to the delay to deliver the land.

At Geographical Units 5N & 6N (CH.60+500 – CH.90+000) investigative cuts have been carried out monitored by the ΑΔ΄ Prehistorical and Classical

Service at the section from CH.62+720 to CH.62+940 and the works stopped due to the fact that the land has not been delivered.

At Geographical Units 6N & 7N CH. 90+500 – CH.100+000, the Archaeological Service hired the required staff in order to proceed to investigative cuts and works on 1/6/2009. However, the appointed subcontractor FERROVIAL AGROMAN S.A. continues to conduct investigative cuts in order to cover the delay. Therefore, both crews carry out investigative cuts.

The total length of these cuts up to now is 15,000 m.

Within the 1st semester of 2009, 9,744 archaeological cuts have been carried out in the area of the project, at the Prefectures of Karditsa, Trikala and Fthiotida.

The following table (table 4.2-1) presents in detail the archaeological cuts performed during the project.

Table 4.2-1
Presentation of archaeological cuts

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
6/1/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	553,47
6/2/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	239,56
6/3/2009	59+120	ΛΔ' Service of Prehistorical and Classical Antiquities	30.00
6/3/2009	59+200	ΛΔ' Service of Prehistorical and Classical Antiquities	59.00
6/3/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical	649,73

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Antiquities	
10/3/2009	59+340	ΛΔ΄ Service of Prehistorical and Classical Antiquities	111.00
10/3/2009	59+660	ΛΔ΄ Service of Prehistorical and Classical Antiquities	102.00
11/3/2009	59+820	ΛΔ΄ Service of Prehistorical and Classical Antiquities	107.00
11/3/2009	59+260	ΛΔ΄ Service of Prehistorical and Classical Antiquities	52.00
6/4/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	327,29
6/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	266,04
18/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	25,4
19/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	70,81
20/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	84,21
21/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	184,16
22/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	185,43
25/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	116,98
26/5/2009	97+000 - 98+000	ΙΔ Service of	229,37

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Prehistorical & Classical Antiquities	
27/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	300,38
28/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	491,76
29/5/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	246,19
10/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	21.90
10/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	29.33
10/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	34.67
10/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	20.62
11/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	30.31
11/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	12.36
11/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	7.65
11/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	13.82
11/6/2009	Culvert H049	ΙΔ Service of Prehistorical & Classical	0

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Antiquities	
12/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	30.33
15/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	26.00
15/6/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	249,61
16/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	43.12
16/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	30.86
16/6/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	102,32
17/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	38.82
17/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	26.70
17/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	10.71
17/6/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	70,19
17/6/2009	Culvert H052A	ΙΔ Service of Prehistorical & Classical Antiquities	0
18/6/2009	55+300-55+500	ΛΔ' Service of Prehistorical and Classical Antiquities	19.80
18/6/2009	97+000 - 98+000	ΙΔ Service of	199,43

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Prehistorical & Classical Antiquities	
18/6/2009	Culvert H052A	ΙΔ Service of Prehistorical & Classical Antiquities	0
19/6/2009	55+300-55+500	ΛΔ´ Service of Prehistorical and Classical Antiquities	13.87
19/6/2009	55+300-55+500	ΛΔ´ Service of Prehistorical and Classical Antiquities	33.60
19/6/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	746,92
20/6/2009	97+000 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	746,92
22/6/2009	62+940	ΛΔ´ Service of Prehistorical and Classical Antiquities	10.55
22/6/2009	62+920	ΛΔ´ Service of Prehistorical and Classical Antiquities	41.12
22/6/2009	62+900	ΛΔ´ Service of Prehistorical and Classical Antiquities	30.60
22/6/2009	62+880	ΛΔ´ Service of Prehistorical and Classical Antiquities	29.00
22/6/2009	62+860	ΛΔ´ Service of Prehistorical and Classical Antiquities	28.70
22/6/2009	96+300 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	384,26
23/6/2009	62+840	ΛΔ´ Service of Prehistorical and Classical	20.49

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Antiquities	
23/6/2009	62+840	ΛΔ΄ Service of Prehistorical and Classical Antiquities	10.38
23/6/2009	62+820	ΛΔ΄ Service of Prehistorical and Classical Antiquities	26.11
23/6/2009	62+800	ΛΔ΄ Service of Prehistorical and Classical Antiquities	35.37
23/6/2009	62+760	ΛΔ΄ Service of Prehistorical and Classical Antiquities	27.73
23/6/2009	62+720	ΛΔ΄ Service of Prehistorical and Classical Antiquities	28.63
23/6/2009	95+300 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	355,53
24/6/2009	96+300 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	288,93
24/6/2009	Culvert H048	ΙΔ Service of Prehistorical & Classical Antiquities	0
24/6/2009	Culvert H050	ΙΔ Service of Prehistorical & Classical Antiquities	0
25/6/2009	96+300 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	422,87
26/6/2009	96+300 - 98+000	ΙΔ Service of Prehistorical & Classical Antiquities	259,38
26/6/2009	Culvert H050	ΙΔ Service of Prehistorical & Classical Antiquities	0
29/6/2009	96+300 - 98+000	ΙΔ Service of	424,93

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Prehistorical & Classical Antiquities	
29/6/2009	Culvert H050	ΙΔ Service of Prehistorical & Classical Antiquities	0
29/6/2009	Culvert H050	ΙΔ Service of Prehistorical & Classical Antiquities	0
30/6/2009	96+300 - 97+500	ΙΔ Service of Prehistorical & Classical Antiquities	188,71
6/4/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
3/4/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
2/4/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
1/4/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
31/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
30/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	200
27/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	200
26/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	50
24/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	200
23/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	200
20/3/2009	0+000 – 14+500	24 Service of Byzantine Antiquities	200
15/4/2009	11+100	ΙΔ Service of Prehistorical &	32

Date	CH.	Responsible Archaeological Service	Length of archaeological cuts (m)
		Classical Antiquities	
10/3/2009	11+100	IA Service of Prehistorical & Classical Antiquities	2

4.3 ENVIRONMENTAL MONITORING

4.3.1 Waste Management

All types of waste are being managed based on the requirements of the Greek legislation for the environment and the environmental terms of the project. For the construction of the project, worksites manage waste in accordance with the directives for environmental management, which will be monitored by the Department for the Environment of the Joint Venture, until the completion of the Design - Construction Period.

The following table (table 4.3.1-1) presents the method of waste management which derives from the construction works and other activities.

**Table 4.3.1-1:
Waste Disposal Table**

Waste / Material Type	Origin	Collection & Storage Method	Managing Agency	Actions
Waste Lubricating Oils - Mineral Oils (ALE)	Project machinery & motor-powered equipment	In barrels within the worksites	Licensed Operator for Alternative Waste Lubricating Oils Management (ELTEPE)	Agreement with ELTEPE
Batteries - Accumulators	Project machinery & equipment	In wooden palettes located at special areas	Licensed Operator for Alternative Management (SYDESIS S.A.)	Agreement with SYDESYS S.A.

Waste / Material Type	Origin	Collection & Storage Method	Managing Agency	Actions
Vehicle tires	Project vehicles	In safe open areas within the worksite	Licensed Operator for Alternative Management (EKOELASTIKA S.A.)	Agreement with EKOELASTIKA S.A.
Metallic scrap	Project Construction	In safe open areas within the worksite	Any licensed metal collector	Transportation
Wooden pallets	Procurement of materials for the construction of the project	In open areas within the worksite	Any palette trader / manufacturer	Transportation
Solid hazardous waste	Equipment maintenance, project construction	In safe special areas within the worksites	Any licensed collector of solid hazardous waste	Agreement with the body for alternative hazardous waste management
Liquid hazardous waste	Equipment maintenance, project construction, material excess	In barrels within the worksites	Any licensed collector of liquid hazardous waste	Agreement with the body for alternative hazardous waste management
Electrical & Electronic Equipment (AHHE)	Worksites, Lighting maintenance	In predefined areas within the worksites	Licensed Operator for Alternative Management (APPLIANCES RECYCLING S.A.)	Agreement with APPLIANCES RECYCLING S.A.
Municipal solid waste	Worksites, offices	In municipal litter bins	The Municipal Authorities	Agreement or cooperation
Other solid waste (paper)	Worksites, trial laboratories	In litter bins within the worksites	Any licensed collector of solid non-hazardous waste	Agreement with subcontractor
Liquid waste	Site Offices	Waterproof cesspits	Any licensed subcontractor	Waterproof cesspits
Liquid waste	Asphalt mix & concrete manufacturing unit	Oil-Dirt collector - settlement tank	Any licensed collector of liquid non-hazardous waste	Agreement with subcontractor



The quantities of waste which are being ecologically managed shall be submitted in the annual report as of January 2010.

4.3.2 Air Pollution

A parameter control plan is under development in order to reduce impact on the community, on the natural environment, etc.

According to the Environmental Impact Assessment (EIA) of the road works, no excess of dust emission limit is expected greater than 20m from the works at all the length of the motorway under construction and worksite areas. However, all necessary measures to reduce dust emission are taken, such as water springing, filter bags etc.

4.3.3 Vibrations

A parameter monitoring plan is under development in order to reduce impact on the community, on traffic, on public utility networks, etc.

So far, and taking into account that the construction works have not progressed, there are no relevant measurements. Measurements shall be presented in the annual report of January 2010.

4.3.4 Noise

A parameter monitoring plan is under development in order to reduce impact on the community, on traffic, on public utility networks, protected areas, etc.

So far, and taking into account that the construction works have not progressed, there are no relevant measurements. Measurements shall be presented in the annual report of January 2010.

4.3.5 Water resources



A parameter monitoring plan is in progress. So far, and taking into account that the construction works have not progressed, there are no relevant measurements to be presented. Measurements shall be presented in the annual report of January 2010.

In the context of the protection of water resources, a relevant risk assessment study has been conducted in order to reduce the accidental pollution and to avoid polluting the ecologically-sensitive wetlands of Sperhios river with oils and hazardous substances.

4.4 ENVIRONMENTAL ACCIDENT

There is a provision for managing and handling disasters such as fire or accidents such as leakage of substances, etc.