

3-Monthly Report

Apr-12

ACTION	RESPONSIBLE	TASK	DEADLINE						PROTOCOL by QUALITATIVE AND QUANTITATIVE INDICATORS		
			FORESEEN		MODIFIED		ACTUAL		INDICATORS OF PROGRESS	Evaluation	Comments
			start month	end month	start month	end month	start month	end month			
1		BUILDING MODELLING AND SCENARIO ANALYSIS CAPACITIES	2	7	2	10	2	10			
	DoE	Purchase of required hardware and software licenses	2	5	2	4	2	4	The task is completed	1	
	ATLANTIS	Installation of the BASINS4 System Tools	6	6	4	5	4	5	The task is completed	1	
	ATLANTIS	Undertake training in the BASINS4 tools and functions	2	6	2	10	2	10	The task is completed	1	
	ATLANTIS	Initial implementation of the system.	3	7	3	7	3	7	The task is completed	1	
2		MODEL IMPLEMENTATION OF THE EXISTING SCENARIO	8	17	8	22	8	22			
	ATLANTIS & DoE	Data collection processing and entry	8	11	8	11	8	11	The task is completed	1	
	ATLANTIS	Monitoring	10	15*	10	15*	10	15*	The task is completed	1	Completed. About 400 samples were analysed in comparison to 40 samples foreseen in the proposal
	ATLANTIS	Determination of non-point release rates	10	13	10	15	10	15	The task is completed	1	
	ATLANTIS	Modeling of the existing situation	12	17	12	22	12	22	The task is completed	1	
	ATLANTIS & DoE	Preparation of data entry and model implementation guidelines	15	15	15	15*	15	15*	The task is completed	1	
3		RIVER BASIN FUNCTIONS AND VALUES ANALYSIS AND WATER QUALITY CRITERIA DETERMINATION	2	15	3	18	3	18			
	FREDERICK	Ecological monitoring	2	14	3	15	3	15	The task is completed	1	
	FREDERICK	Status of the ecosystem report	15	15	15	18	15	18	The task is completed	1	
	FREDERICK	Selection of ecologically driven water quality indicators and definition of criteria values	14	15	13	18	13	18	The task is completed	1	
	FREDERICK	Selection of water quality indicators and criteria values derived from the legislation	4	6	4	6	4	6	The task is completed	1	
4		PRTR	3	9	4	22	4	22			
	DoE	Collection and systematic collation of data and records	3	4	10	15	10	15	The task is completed	1	
	ATLANTIS	Preparation of tabular data templates and submission of coordinates for all point sources of emissions, pollutant (type) loads, discharges	4	5	4	5	4	5	The task is completed	1	
	ATLANTIS	Physical site inspections	4	7	15	15	15	15	The task is completed	1	
	ATLANTIS	Compilation of emissions register and emission factors	5	8	15	15	15	15	The task is completed	1	
	ATLANTIS	Determination of pollution patterns will be examined using multi-scale, remotely-sensed data and imagery Remote-sensed data[1]	5	9	15	22*	15	22	The task is completed	1	
5		TMDL DEVELOPMENT	17	28	17	28	17	28			
	ATLANTIS	Training	17	17	21	21	21	21	The task is completed	1	
	ATLANTIS	Selection of key water bodies where TMDLs will be assessed	17	17	17	17	17	17	The task is completed	1	
	ATLANTIS	Preparation of meteorological scenarios and associated data input	17	18	17	18	17	18	The task is completed	1	

	ATLANTIS	Implementation of BASINS System runs / scenario development and analysis	18	26	23	29	23	29	The task is completed	1	
	ATLANTIS/	Review of model results and definition of TMDLs	18	27	23	29	23	29	Number of TMDLs for which consensus is achieved	2	
	ATLANTIS	Drafting of TMDLs documentation	24	28	26	30	26	30	Stakeholder responses	2	
6		MANAGEMENT MODEL FORMULATION, SCENARIO ANALYSIS, AND BMP DEVELOPMENT	28	40	17	40	17				
	FREDERICK University	Development of the Optimisation Model	28	31	28	31	28	31	Number of stakeholders participating	2	Development of the constraints and requirements matrix
	DoE	Stakeholder Consultations	29	33	29	33	29		All relevant stakeholders were	2	
	ATLANTIS	Development of management scenarios	29	33	29	33	29		Achievement of realistic management	2	
	ATLANTIS	Evaluation of scenarios through the Optimisation Model and Selection of BMPs	32	39	32	39	32		Number of measures and BMPs developed		
	DoE	Stake holder review	39	39	39	39			Level of acceptance of proposed		
	ATLANTIS	Preparation of Primer on Water Management in the Kalo Horio Catchment	40	40	40	40			Coherence and quality of the deliverable		
7		DISSEMINATION	3	42							
	DoE	Project Kickoff Seminar	3	3	3	3	3	3	The task is completed	1	
	DoE	Project final Seminar	38	41	38	41			As foreseen		
	DoE	Web site	3	42*	6	42*	6	42	The task is completed	1	Updated periodically
	DoE	Preparation of project leaflet	3	4	3	4	3	4	The task is completed	1	
	ATLANTIS	Preparation of technical project material	37	41	37	41			As foreseen		
	ATLANTIS	Training Workshop	40	41	40	41			As foreseen		
	FREDERICK University	Scientific Papers and conferences	40	40	40	40			As foreseen		
8		PROJECT MANAGEMENT BY ES	1	42							
	DOE	Kick off meeting	1	2	1	2	1	2	The task is completed	1	
	DoE	Project Meetings	2*	41*	1*	41*	1*		Ongoing	1	Periodic project meetings are taking place to discuss progress. Frequent Task meetings are taking place between various Team members. These meetings are not officially documented. Frequent e-mail and telephone contacts.
	DoE	Preparation of project minutes	2	40	2	40	2		Ongoing	2	
	DoE	Compilation of Project Reports	3*	40*	3*	40*	3*		Ongoing	2	Progress reports are delivered on time.
	Action and Task Leaders	Preparation of Technical and Financial reports	1*	42*	1*	42*	1*		Ongoing	2	
		Organisation of dissemination events	3*	42*	3*	42*	3*		Ongoing	2	
		Liaison with stakeholders	3*	42*	1*	42*	1*		Ongoing	2	
10		MONITORING	25	34							
	Monitoring Committee members	Deliverable assessment	Continuously Through out the project						Preparation of the communications folder	2	Information consisted of a presentation in Powerpoint prepared by ATLANTIS and the project leaflet. Various letters
	Monitoring Committee members	Three monthly Monitoring report							Number of contacts selected for communication	2	All relevant stakeholders were contacted
	DoE	3 monthly reviews							Detail and coherence of the Communication plan	2	
	DoE	Preparation of corrective measures	As needed throughout the project						Number of corrective measures, Timely identification of problems and preparation of corrective measures	2	

	DoE, ATLANTIS, FREDERICK University	Preparation of financial reports	Continuously Throughout the project						Achievement of high quality reports within specified timelines	2	
	Action Leaders	Implementation of corrective measures							Degree of achieving conformance to target timelines and specifications		

* Periodic

EVALUATION Guide
1= Completed, full conformance to requirements
2. In preparation. Satisfactory Progress
3. Rescheduled, no problems foreseen
4. In need of minor modifications
5. In need of additional work.
6. Seriously deviating from requirements / not achieved

3-Monthly Report

Jan-12

ACTION	RESPONSIBLE	TASK	DEADLINE						PROTOCOL by QUALITATIVE AND QUANTITATIVE INDICATORS		
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			start month	end month	start month	end month	start month	end month			
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	DoE	Purchase of required hardware and software licenses	2	5	2	4	2	4	The task is completed	1	
	ATLANTIS	Installation of the BASINS4 System Tools	6	6	4	5	4	5	The task is completed	1	
	ATLANTIS	Undertake training in the BASINS4 tools and functions	2	6	2	10	2	10	The task is completed	1	
	ATLANTIS	Initial implementation of the system.	3	7	3	7	3	7	The task is completed	1	
2		MODEL IMPLEMENTATION OF THE EXISTING SCENARIO	8	17	8	22	8	22			
	ATLANTIS & DoE	Data collection processing and entry	8	11	8	11	8	11	The task is completed	1	
	ATLANTIS	Monitoring	10	15*	10	15*	10	15*	The task is completed	1	Foreseen monitoring has been completed and one additional monitoring has been planned for calibration purposes
	ATLANTIS	Determination of non-point release rates	10	13	10	15	10	15	The task is completed	1	
	ATLANTIS	Modeling of the existing situation	12	17	12	22	12	22	The task is completed	1	Model is calibrated in December 2011
	ATLANTIS & DoE	Preparation of data entry and model implementation guidelines	15	15	15	15*	15	15*	The task is completed	1	
3		RIVER BASIN FUNCTIONS AND VALUES ANALYSIS AND WATER QUALITY CRITERIA DETERMINATION	2	15	3	18	3	18			
	FREDERICK	Ecological monitoring	2	14	3	15	3	15	The task is completed	1	
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4		PRTR	3	9	4	22	4	22			
	DoE	Collection and systematic collation of data and records	3	4	10	15	10	15	The task is completed	1	
	ATLANTIS	Preparation of tabular data templates and submission of coordinates for all point sources of emissions, pollutant (type) loads, discharges	4	5	4	5	4	5	The task is completed	1	
	ATLANTIS	Physical site inspections	4	7	15	15	15	15	The task is completed	1	
	ATLANTIS	Compilation of emissions register and emission factors	5	8	15	15	15	15	The task is completed	1	
	ATLANTIS	Determination of pollution patterns will be examined using multi-scale, remotely-sensed data and imagery Remote-sensed data[1]	5	9	15	22*	15	22	The task is completed	1	Scheduled to coincide with calibration
5		TMDL DEVELOPMENT	17	28	17	28	17	28			
	ATLANTIS	Training	17	17	21	21	21	21	The task is completed	1	The second part of the training took place on 24/10/2011. 4 trainees participated from various departments
	ATLANTIS	Selection of key water bodies where TMDLs will be assessed	17	17	17	17	17	17	The task is completed	1	
	ATLANTIS	Preparation of meteorological scenarios and associated data input	17	18	17	18	17	18	The task is completed	1	

	ATLANTIS	Implementation of BASINS System runs / scenario development and analysis	18	26	23	29	23	29	Number of TMDLs developed	2	
	ATLANTIS/	Review of model results and definition of TMDLs	18	27	23	29	23	29	Number of TMDLs for which consensus is achieved	2	
	ATLANTIS	Drafting of TMDLs documentation	24	28	26	30	26	30	Stakeholder responses	2	
6		MANAGEMENT MODEL FORMULATION, SCENARIO ANALYSIS, AND BMP DEVELOPMENT	28	40	17	40	17				
	FREDERICK University	Development of the Optimisation Model	28	31	28	17	17		As foreseen	2	
	DoE	Stakeholder Consultations	29	33	29	33			As foreseen	2	
	ATLANTIS	Development of management scenarios	29	33	29	17	17		As foreseen	2	
	ATLANTIS	Evaluation of scenarios through the Optimisation Model and Selection of BMPs	32	39	32	39			As foreseen	2	
	DoE	Stake holder review	39	39	39	39			As foreseen	2	
	ATLANTIS	Preparation of Primer on Water Management in the Kalo Horio Catchment	40	40	40	40			As foreseen	2	
7		DISSEMINATION	3	42							
	DoE	Project Kickoff Seminar	3	3	3	3	3	3	The task is completed	1	
	DoE	Project final Seminar	38	41	38	41			As foreseen	2	
	DoE	Web site	3	42*	6	42*	6	42	The task is completed	1	Updated periodically
	DoE	Preparation of project leaflet	3	4	3	4	3	4	The task is completed	1	
	ATLANTIS	Preparation of technical project material	37	41	37	41			AS foreseen	2	
	ATLANTIS	Training Workshop	40	41	40	41			As foreseen	2	One more training seminar is foreseen
	FREDERICK University	Scientific Papers and conferences	40	40	40	40			As foreseen	2	
8		PROJECT MANAGEMENT BY ES	1	42							
	DOE	Kick off meeting	1	2	1	2	1	2	The task is completed	1	
	DoE	Project Meetings	2*	41*	1*	41*	1*		Ongoing	1	Periodic project meetings are taking place to discuss progress. Frequent Task meetings are taking place between various Team members.
	DoE	Preparation of project minutes	2	40	2	40	2		Ongoing	2	
	DoE	Compilation of Project Reports	3*	40*	3*	40*	3*		Ongoing	2	Progress reports are delivered on time.
	Action and Task Leaders	Preparation of Technical and Financial reports	1*	42*	1*	42*	1*		Ongoing	2	Pending are monthly progress reports, the final report and the layman's report
		Organisation of dissemination events	3*	42*	3*	42*	3*		Ongoing	2	
		Liaison with stakeholders	3*	42*	1*	42*	1*		Ongoing	2	
10		MONITORING	25	34							
	Monitoring Committee members	Deliverable assessment	Continuously Through out the project						Preparation of the communications folder	2	Information consisted of a presentation in Powerpoint prepared by ATLANTIS and the project leaflet. Various letters
	Monitoring Committee members	Three monthly Monitoring report							Number of contacts selected for communication	2	All relevant stakeholders were contacted.
	DoE	3 monthly reviews							Detail and coherence of the	2	
	DoE	Preparation of corrective measures	As needed throughout the project						Number of corrective measures, Timely identification of problems and preparation of corrective measures	2	
	DoE, ATLANTIS, FREDERICK University	Preparation of financial reports	Continuously Through out the project						Achievement of high quality reports within specified timelines	2	
	Action Leaders	Implementation of corrective measures							Degree of achieving conformance to		

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