APPENDIX A – QUARTERLY REPORT DOCUMENTS

CONDENSED QUARTERLY REPORT FORM
AGRICULTURAL MOBILE IRRIGATION LABS

FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES
FDACS FISCAL YEAR:

FDACS Contract #:	**FDACS Reporting Quarter:**
MIL #:	**MIL Name:**
Total Evaluations (Initial and Follow Up) Required:	**Total Follow-Up Evaluations Required:**
Completed Initial Evaluations:	**Completed Follow-Up Evaluations:**
Total Potential Water Savings (Ac-ft/MG):	**Total Follow-Up Actual Water Savings (Ac-ft/MG):**
Total Acres Evaluated:	**Total Instant Actual Water Savings (Ac-ft/MG):**
BREAKDOWN BY NUMBER OF EVALUATIONS	
Farms:	Nurseries:
WAITING LIST INFORMATION	
Number of Evaluations:	Approximate Total Acres:
Comments / Additional Information: This report covers the following months and year: The following Attachments are also included under separate cover:	
Submitted by:	**Title:**
Email:	**Date:**
Questions: Please contact Camilo Gaitan at (850) 617-1715 or at gaitanc@doacs.state.fl.us	

Attachment # 1a: Ag - St. Lucie Area MIL

IRRIGATION SYSTEM EVALUATIONS: WATER SAVINGS DATA AND RESULTS, PER MIL HANDBOOK

MIL ID: 29 Federal Quarter: 2 Federal Fiscal Year: 2010

Eval ID #	Evaluation Type	Evaluation Method	Irrigation System Type	Irrig System Distrib or Emiss Unif (%)		Irrig Sys Ac	Land Use		Annual Water Use (in.)		Irrigation System Problems	Water Savings (ac-ft) - Irrigation System Only						
				Max	Per Eval		Type	Name or Crop	NIR	Actual		Type	DU or EU Imprv	Sched. Imprv	Planned Repairs	Imm Repairs	Total AWS	Total PWS
1				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
2				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
3				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
4				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
5				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
6				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
7				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
8				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
9				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
10				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
11				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
12				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
13				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
14				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
15				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
16				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
17				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
18				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
19				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
20				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
21				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
22				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
23				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
24				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
25				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
26				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
27				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
28				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
29				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
30				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
31				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
32				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
33				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
34				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
35				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
36				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
37				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
38				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
39				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
40				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
41				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
42				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
43				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
44				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
45				#N/A			Ag					#N/A	#N/A	0.00	0.00	0.00	#N/A	#N/A
					#DIV/0!	0.0						TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

Attachment # 1b: Ag - St. Lucie Area MIL

IRRIGATION SYSTEM WATER SOURCE, PUMPING STATION, AND OTHER INFO

MIL ID: 29 Federal Quarter: 2 Federal Fiscal Year: 2010

Eval ID #	County Name	Zip Code	Soil Type No.	Water Source	TDS	pH	Pump Type	Has Flow Meter	Motor Type	Savings From Irrig Sys & Mgmt, per FIRM (ac-ft)		
										Potential	Actual	Immediate
1												
2												
3												
4												
5												
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41												
42												
43												
44												
45												
										0.00	0.00	0.00

Attachment # 2: Ag - St. Lucie Area MIL

TRACKING TABLE FOR INITIAL EVALUATIONS, FOLLOW UP EVALUATIONS, OR REPLACEMENTS

MIL ID: 29 Federal Quarter: 2 Federal Fiscal Year: 2010

Fed Fiscal Yr	Fed Qrtr	Eval ID No#	Name or Crop	Cost Share	Acres	EU or DU (%)	NIR or Actual (in)	Initial Eval TOTAL PWS (ac-ft)	Follow Up Eval OR Replacement DU/EU Imprv AWS (ac-ft)	Follow Up Eval, Immediate OR Replacement: TOTAL AWS (ac-ft)	
											Initial Eval OR Last Eval of Old System
2010	2	1	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	2	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	3	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	4	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	5	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	6	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	7	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	8	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	9	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	10	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	11	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	12	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	13	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	14	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	15	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	16	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	17	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	18	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	19	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	20	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	21	N/A		N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*
											Initial Eval OR Last Eval of Old System
2010	2	22	N/A	Yes	N/A	N/A			#N/A	#N/A	*Follow Up Eval OR Replacement*

ATTACHMENT # 3: MIL EVALUATION WAITING LIST

MIL NAME:

MIL ID:

FEDERAL QUARTER: **FEDERAL FISCAL YEAR:**

COUNTY	CATEGORY		TOTAL COUNT		APPROX TOTAL ACRES
Totals			**0**		**0**

Attachment # 4: MIL Conservation Education and Outreach Report

MIL Name:	
MIL ID:	
Federal FY	
Fed Quarter:	

Date (mm/dy/year)	Type of Presentation	Name of Group	Number Attending	City or Town	Duration (hrs)
TOTALS			0		0

Notes:

Problem Descriptions - Problems are irrigation system or management factors that limit irrigation system performance or efficiency. Problems are noted during the site visit, system evaluation, and/or through discussion with the operator.

Code	Description of Problems
PRESSURE AND/OR IRRIGATION RATE	
Detailed List	
1	Under-sized pump for number and type of sprinkler heads or emitters
2	Pressure loss between pump and sprinklers/emitters due to inadequate pipe size
3	Higher pressure than manufacturer's specifications
4	Lower pressure than manufacturer's specifications
5	Low pressure due to water supply
6	Different pressure between manifolds
7	Wetted area not adequate for crop requirement
8	Application rate > soil infiltration rate (ponding)
9	Air in pipelines
10	Turf and landscape area irrigated in the same zone
11	Pressure variation due to elevation differences
12	Missing/malfunctioning pressure gauge/regulator/filter
13	Mixed Crops or container with different water requirements in the same zone
Generic List	
101	Too High or Low Pressure at Pump Station
102	Too High or Low Flow at Pump Station
103	Uneven pressure distribution across manifold(s) and/or lateral(s)
104	Uneven irrigation distribution across lateral(s)
EMITTERS AND/OR SPRINKLERS	
Detailed List	
20	Mixed sprinkler/emitter sizes & unmatched precipitation in the same zone
21	Mixed sprinkler/emitter brands or types in the same zone
22	Poor emitter/sprinkler uniformity due to worn orifice
23	Poor overlap due to improper sprinkler/emitter alignment or spacing
24	Various riser heights in same zone
25	Emitter/sprinkler spacing varies in same zone
26	Missing/malfunctioning emitters or sprinklers
27	End Gun is out of adjustment or not operating
Generic List	
201	Mixed sprinkler/emitter sizes
202	Mixed sprinkler/emitter brands
203	Missing and/or broken emitters or sprinklers
204	Wrong emmitter or sprinkler size and/or spacing for type and/or layout of crop

MAINTENANCE	
Detailed List	
30	Leaks and broken valves, pipe, laterals lines (Poly-tubing), emitters, sprinklers
31	Clogged filter or filter screen
32	Sprinkler heads not properly adjusted, causing overflow on paved areas
33	Clogged emitters/nozzles (due to biological, chemical or physical factors)
34	Leaning sprinklers/emitters causing non-uniform distribution
35	Malfunctioning valves
36	Control box in need of repair
37	Boot Leak
38	System has no booster pump
40	Stream of water blocked by vegetation
41	Variable crop spacing and stage of growth
42	Poor drainage, requiring water control
Generic List	
301	Pump Station Engine and/or Pump leaks or malfunctions
302	Filter leaks, clogged, or malfunctions
303	Pipe Leaks in Irrigation System
304	Valve(s) Malfuncion(s) or Leak(s) in Irrigation System
305	Emitters and/or Sprinklers leaks, clogged, or malfunctioning

OPERATION AND/OR MANAGEMENT	
Detailed List	
50	Operating time too long
51	Operating time too short
52	Operating time too frequent
53	No rain shut-off device
54	No soil moisture measuring device or rain gage
55	No irrigation water management plan
56	No tachometer
57	Contamination of water with oil and fuel
Generic List	
501	Irrigation System Running too Long
502	Irrigation System not Running Long Enough
503	Inappropriate Irrigation Frequency
504	Inappropriate Irrigation System for type of crop
505	Abandoned and/or Inoperable Irrigation System