

Garner Run

Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.003 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Industrial (Railroad), mixed stage forest, dirt road Distance to nearest roadway or other development 5 feet

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower portion

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-1
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 8, 9, 10, 13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal		X			
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.042 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Residential, mixed-stage forest Distance to nearest roadway or other development 25 feet

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower portion

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-2
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 15	7	
Floodflow Alteration	X		6, 7, 9, 13, 18	6	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 10, 16	16	
Nutrient Removal	X		3, 8, 10	10	
Production Export	X		7	7	
Sediment/Shoreline Stabilization	X		1, 12, 15	12	
Wildlife Habitat	X		5, 8, 13	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.012 Human made? No Is wetland part of wildlife corridor? Yes Or a "habitat island"? _____

Adjacent land use Forest Distance to nearest roadway or other development 70 m.

Dominant wetland systems present Linear Contiguous undeveloped buffer zone present Yes

Is wetland a separate hydraulic system? no If not, where does the wetland lie in the drainage basin? Low in reach

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-71
 Latitude _____ Longitude _____
 Prepared by: MAP Date 7.1.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 Completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		1,2,7,15	2	Wetland is located within a channel braid
Floodflow Alteration	X		3,5,6,7,8,9,10,13,14,15,16,18	1	Channel braids, causing high water to slow down
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,3,10,11,14,16	2	Not much dist. Upstream, therefore all sed/tox is potentially retained
Nutrient Removal	X		3,5,8,9,11,12,13,14,15		
Production Export	X		1,4,7,8,12,13		
Sediment/Shoreline Stabilization	X		1,2,3,8,9,12,13,15	2	Associated with stream 40645
Wildlife Habitat	X		3,4,7,8,13,14,16,17,19		High herbaceous diversity
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other		X			

Wetland Function – Evaluation Form

Total area of wetland 0.195 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Centrally located

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland H
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		6, 7, 8, 9, 10, 13	10	Beaver impounded area
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 5, 10, 12	12	
Nutrient Removal	X		2, 3, 5, 10, 13	3, 5	
Production Export	X		4, 12	4	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5, 17, 20	17, 20	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.236 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PEM/POW/PFO Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Centrally located

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland I
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		6, 7, 8, 9, 10, 13	10	Beaver impounded area
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 5, 10, 12	12	
Nutrient Removal	X		2, 3, 5, 10, 13	3, 5	
Production Export	X		4, 12	4	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5, 17, 20	17, 20	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.043 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development >300 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland J
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal		X			
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland _____ Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest / old logging road Distance to nearest roadway or other development _____

Dominant wetland systems present PEM / PSS Contiguous undeveloped buffer zone present Yes

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Headwater

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. 40649 W1
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6-3-2010
 Wetland Impact:
 Type None Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y _____ N X

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 8	7	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal		X			
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5, 9	4	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Grinage Run

Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.07 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest/fallow field/ railroad Distance to nearest roadway or other development 5 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. GRI-1
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal		X			
Production Export	X		4, 12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 17	17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.124 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PEM/PSS/PFO Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list) Moderate

Wetland I.D. Wetland M
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		13	13	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		10	10	
Production Export	X		4, 12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5, 8, 17	5, 17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Hoge Run

Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.009 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Mixed-stage forest Distance to nearest roadway or other development 25 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-16
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		6, 9, 13	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.025 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development 200 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-19
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.067 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development 40 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower portion

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-20
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		3, 6, 9, 13, 18	6	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 10, 14, 16	14	
Nutrient Removal	X		3, 4, 8, 10, 12	10	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization	X		15	15	
Wildlife Habitat	X		5, 8, 13	13	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.052 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-21
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		3, 9, 18	3	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		4, 8, 10	8	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 13	13	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.012 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-22
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		3, 9, 18	3	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		4, 8, 10	8	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 13	13	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.009 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Upper portion

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-23
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		2, 3, 9	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		4, 10	4	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.009 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-28
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		3, 9	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		4, 10	4	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.055 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Old pasture/abandoned residential Distance to nearest roadway or other development 25 feet

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Lower portion

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-41
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 9, 15	7	
Floodflow Alteration	X		6, 9, 13, 18	18	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10, 16	16	
Nutrient Removal	X		3, 8, 10	8	
Production Export	X		4, 7, 12	4	
Sediment/Shoreline Stabilization	X		15	15	
Wildlife Habitat	X		8, 13, 17	17	Mosquito larvae, Trichoptera, and egg masses found
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.004 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Old pasture Distance to nearest roadway or other development 150 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Middle portion

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-44
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		9	9	
Floodflow Alteration	X		9, 13	13	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		14	14	
Nutrient Removal	X		10, 12	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.024 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Old pasture/Mixed-stage forest Distance to nearest roadway or other development 300 feet

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-45
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration	X		3, 9	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 17	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.040 Human made? No Is wetland part of wildlife corridor? Yes Or a "habitat island"? _____

Adjacent land use Forest, hayfield, old field Distance to nearest roadway or other development 40 m.

Dominant wetland systems present linear Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Low in the valley (stream 40632)

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-52
 Latitude _____ Longitude _____
 Prepared by: MAP Date 6.30.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y _____ N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7,9,15,5		
Floodflow Alteration	X		9,13,18	1	Floodplain of 40632
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,2,9,10	2	Roadside drainage
Nutrient Removal	X		3,4,8,9,11,12,14	2	Adjacent to agricultural landuse
Production Export	X		1,12		
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		7,8,13,19,20		Ponded water present
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other		X			

Wetland Function – Evaluation Form

Total area of wetland 0.006 ac. Human made? X Is wetland part of wildlife corridor? X Or a "habitat island?" _____

Adjacent land use Old field, forest Distance to nearest roadway or other development _____

Dominant wetland systems present Spring, depression Contiguous undeveloped buffer zone present X

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-62
 Latitude _____ Longitude _____
 Prepared by: MAP Date 6.30.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		1,2,10,13	2	(10) no inlet, spring
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		3,5,9,11		
Production Export	X		1,2,4,8,12,13	2	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		1,3,4,7,8,14,17,19,20	1	(8) nut sedge, (17) deer limited due to small size
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other		X			

Wetland Function – Evaluation Form

Total area of wetland 0.001 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest / Old field Distance to nearest roadway or other development 100 Feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Moderate

Wetland I.D. F-70
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6.17.2010
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y _____ N X

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 9	9	
Floodflow Alteration	X		10, 13, 18	18	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		8	8	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization	X		12, 15	15	
Wildlife Habitat	X		8, 13, 19	19	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.128 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Fallow field Distance to nearest roadway or other development 150 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. HOGE-1
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.256 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Fallow field Distance to nearest roadway or other development 10 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. HOGE-2
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.168 ac Human made? No Is wetland part of wildlife corridor? Yes Or a "habitat island"? No

Adjacent land use Pasture, Roadway, Forested Distance to nearest roadway or other development 30 m.

Dominant wetland systems present Linear depression Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? None Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. HOG-3
 Latitude _____ Longitude _____
 Prepared by: MJB Date 6.30.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		5,6,1,2,		
Floodflow Alteration	X		6,8,5,9,10,13		
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,3,5,10,16		Receives road runoff
Nutrient Removal	X		3,4,8,9,11,12,14	1	Adjacent to agricultural activity
Production Export	X		1,7,12		
Sediment/Shoreline Stabilization		X			
Wildlife Habitat			3,7,8,19		
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other		X			

Wetland Function – Evaluation Form

Total area of wetland 0.020 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Mature forest Distance to nearest roadway or other development 75 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. R3-1
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7	7	
Floodflow Alteration	X		6, 9, 13, 18	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10, 16	10	
Nutrient Removal	X		3, 4, 8, 10	4	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization	X		15	15	
Wildlife Habitat	X		8, 13	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.022 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development 75 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. R3-2
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7	7	
Floodflow Alteration	X		6, 9, 13, 18	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10, 16	10	
Nutrient Removal	X		3, 4, 8, 10	4	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization	X		15	15	
Wildlife Habitat	X		8, 13	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.005 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development 75 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. R3-3
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		6, 9, 13, 18	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10, 16	10	
Nutrient Removal	X		3, 4, 8, 10	4	
Production Export	X		7, 12	12	
Sediment/Shoreline Stabilization	X		15	15	
Wildlife Habitat	X		8, 13	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.146 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Forest Distance to nearest roadway or other development 75 feet

Dominant wetland systems present PEM/PFO Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. R3-4
 Latitude 39.8752 Longitude 80.3349
 Prepared by: BKA Date 5/16/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		6, 9, 13	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		4, 10	4	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 17	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.084 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Forest Distance to nearest roadway or other development >200 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. R3-5
 Latitude 39.872 Longitude 80.3389
 Prepared by: BKA Date 5/16/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 13	13	
Floodflow Alteration	X		9, 13	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		4, 10	4	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 17	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.028 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Fallow field/Forest Distance to nearest roadway or other development >300 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland A
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge		X			
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.001 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Fallow field/Forest Distance to nearest roadway or other development >300 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland B
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge		X			
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.106 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Fallow field/Forest Distance to nearest roadway or other development 100 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland C
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge		X			
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

House Run

Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.023 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Old pasture/residential Distance to nearest roadway or other development 75 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-4
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 9	7	
Floodflow Alteration	X		6, 9, 13	9	Receives water from culvert from Bristoria Road
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		8, 10	8	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 13	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.020 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Scrub-shrub Distance to nearest roadway or other development 200 feet

Dominant wetland systems present PEM/PSS Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Floodplain

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-5
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		7, 9	7	
Floodflow Alteration	X		3, 6, 9, 13	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		10	10	
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8	8	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.008 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >200 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-7
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 5	5	
Nutrient Removal	X		3, 5, 10	5	
Production Export	X		4, 12	4	Red-spotted newts and tadpoles found
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 17	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.073 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture Distance to nearest roadway or other development >200 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-8
 Latitude _____ Longitude _____
 Prepared by: BKA Date 5/2/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		3, 5	5	
Nutrient Removal	X		3, 5, 10	5	
Production Export	X		4, 12	4	Red-spotted newts and tadpoles found
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 17	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.017 Acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Pasture/Mixed stage forest/old field Distance to nearest roadway or other development >500 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. F-31
 Latitude _____ Longitude _____
 Prepared by: BKA Date 4/26/2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge		X			
Floodflow Alteration	X		3, 9	9	
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		8, 10	8	
Production Export	X		4, 7, 12	4	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		4, 5, 8, 13, 17	17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.037 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development >300 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland E
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		5, 8, 17	5	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

McCourtney Run

Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.037 ac. Human made? Yes Is wetland part of wildlife corridor? Yes Or a "habitat island"? _____

Adjacent land use Old field, roadway, forest Distance to nearest roadway or other development 50 ft.

Dominant wetland systems present Linear depression Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-54
 Latitude _____ Longitude _____
 Prepared by: MJB Date 6.30.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		1,2,4,7,9,15	2	
Floodflow Alteration	X		5,6,8,9,10,18	1	Limited due to small size, floodplain
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,2,3,5,10,12,14,15,16	2	Adjacent to agricultural activity, road drainage
Nutrient Removal	X		3,4,5,8,9,11,12,14,15	2	*5- water present, but may dry up in growing season
Production Export	X		1,2,4,7		
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		7,8,13,16,17,19,20		Limited due to location, adjacent land use
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.181 ac. Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? _____

Adjacent land use Railroad, forested Distance to nearest roadway or other development 30 m.

Dominant wetland systems present Linear Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? High (stream 40628)

How many tributaries contribute to the wetland? 1 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-73
 Latitude _____ Longitude _____
 Prepared by: MJB Date 7.1.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		1,2,3,7,13	1	Multiple groundwater seeps
Floodflow Alteration	X		2,3,5,9,18		
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,3,9,16	2	
Nutrient Removal	X		3,4,5,8,12,14		
Production Export	X		1,4,7,8,12,13		
Sediment/Shoreline Stabilization	X		1,2,3,9,12,13,15	2	Associated with stream 40628-X
Wildlife Habitat	X		7,8,13,14,17,19		
Recreation		X			Located within RR right of way, no hunting
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.023 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest Distance to nearest roadway or other development 30 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland F
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 17	17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.012 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest/Railroad Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PEM/PSS/PFO Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland G
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention		X			
Nutrient Removal	X		10	10	
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		8, 17	17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

Wetland Function – Evaluation Form

Total area of wetland 0.027 acre Human made? No Is wetland part of wildlife corridor? No Or a "habitat island"? No

Adjacent land use Forest/Railroad Distance to nearest roadway or other development 20 feet

Dominant wetland systems present PEM Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? Yes If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? 0 Wildlife & vegetation diversity/abundance (see attached list) Low

Wetland I.D. Wetland K
 Latitude _____ Longitude _____
 Prepared by: BKA Date 6/10/11
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		13	13	
Floodflow Alteration		X			
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1, 2	2	
Nutrient Removal		X			
Production Export	X		12	12	
Sediment/Shoreline Stabilization		X			
Wildlife Habitat	X		17	17	
Recreation		X			
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other					

South Fork Tenmile Creek
Wetland Function and Values Forms

Wetland Function – Evaluation Form

Total area of wetland 0.020 Human made? No Is wetland part of wildlife corridor? X Or a "habitat island"? _____

Adjacent land use Old field, Forest, State Route 21 Distance to nearest roadway or other development 30 m.

Dominant wetland systems present Linear Contiguous undeveloped buffer zone present No

Is wetland a separate hydraulic system? No If not, where does the wetland lie in the drainage basin? Low (Stream 40293)

How many tributaries contribute to the wetland? 2 Wildlife & vegetation diversity/abundance (see attached list) _____

Wetland I.D. F-72
 Lat _____ Long _____
 Prepared by: MAP Date 7.1.2011
 Wetland Impact:
 Type _____ Area _____
 Evaluation based on:
 Office _____ Field X
 Corps manual wetland delineation
 completed? Y X N _____

Function/Value	Suitability		Rationale (Reference #)*	Principle Function(s) Value(s)	Comments
	Yes	No			
Groundwater Recharge/Discharge	X		1,2,7,9,15	2	Receives road runoff
Floodflow Alteration	X		3,5,6,7,8,9,10,13,15,18	1	Limited due to small size
Fish and Shellfish Habitat		X			
Sediment/Toxicant Retention	X		1,2,5,10,16		State route 21 drainage
Nutrient Removal	X		3,4,8,9,11,12,14	2	Adjacent to agricultural landuse
Production Export	X		1,4,7,8,12		
Sediment/Shoreline Stabilization	X		1,2,3,8,12,13,15	2	Associated with stream 40293-UNT1
Wildlife Habitat	X		7,8,13,14,17,19		Limited due to small size and location
Recreation	X		3		
Educational/Scientific Value		X			
Uniqueness/Heritage		X			
Visual Quality/Aesthetics		X			
Endangered Species Habitat		X			
Other		X			