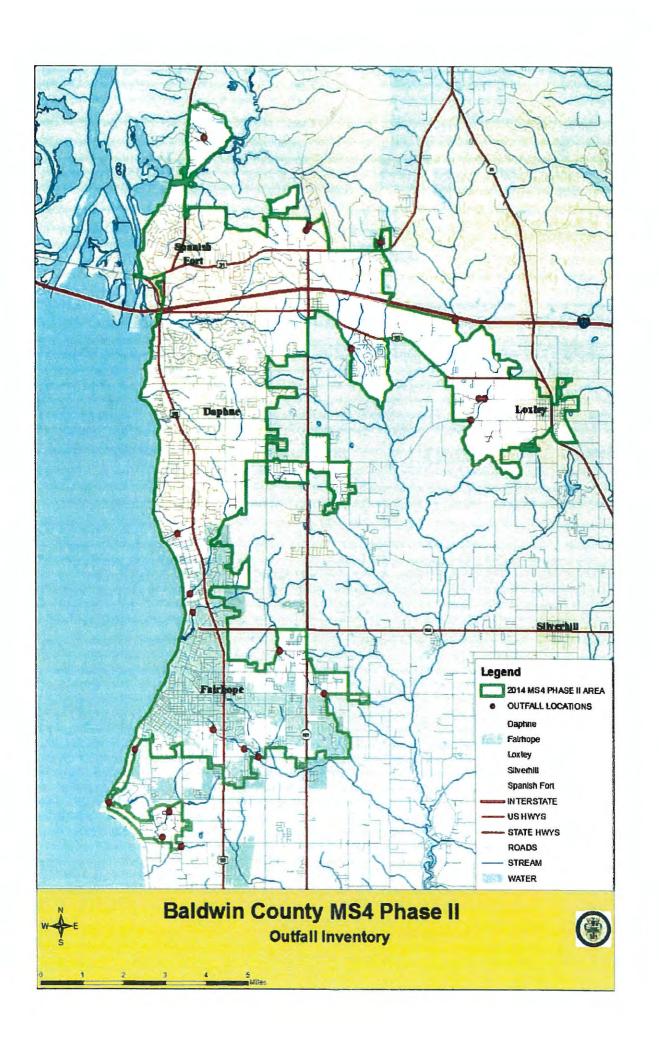


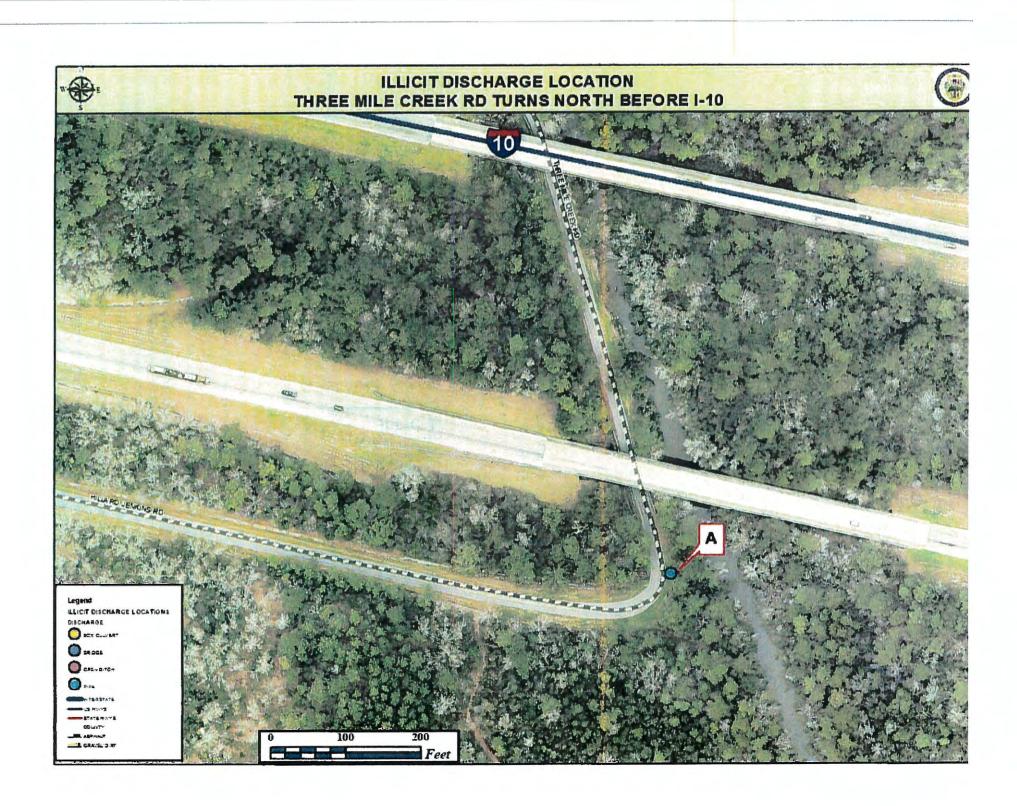
## Appendix C

Illicit Discharge Detection
And Elimination (IDDE)



		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.8955	87D 47M7.87SS
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.9975
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D S3M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	870 51M 47.7525
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.8945

.





MS4 Discharge ID 01-Three Mi. Cr. Rd. (2)



MS4 Discharge ID 01-Three Mi. Cr. Rd.

### Section 1: Background Data

Subwatershed: MOBILE   FR	SH RI.	Outfall ID: /		
Today's date: 3/5/15		Time (Military):	10	
Investigators: W. MACK		Form completed by: W. MACKED		
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 90°39 ' 9.167"	Longitude: 87° 47' 7.875"	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: /, Z		
Land Use in Drainage Area (Check a	ll that apply):			
☐ Industrial		☐ Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g., origin of outfall, if know	n): 31 d R.C.P.			
PAVED DITCH INTO R.C.	P. INLET END COVERED M.	DEBRIS: DUTTET A	ND SUBTERGED	

### Section 2: Outfall Description

LOCATION	MATERIAL	L.	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe		CMP   Circular  HDPE   Eliptical   Box   Other:	☐ Triple	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially
☑ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when co	liecting samples)			
Flow Present?	☑ Yes	□ No	If No, Skip to Section 5		
Flow Description (If present)	Trickle !	Moderate   Substa	ntial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PARAMETER		RESULT	UNIT	EQUIPMENT
	Flow depth		ln	Tape measure
□Flow	Flow width	, n	Ft, In	Tape measure
Пьтом	Measured length	1 10	Ft, In	Tape measure
	Time of travel		S	Stop watch
1	l'emperature		°F	Thermometer
	рН		pH Units	Test strip/Probe
	Апиповіа		mg/L	Test strip

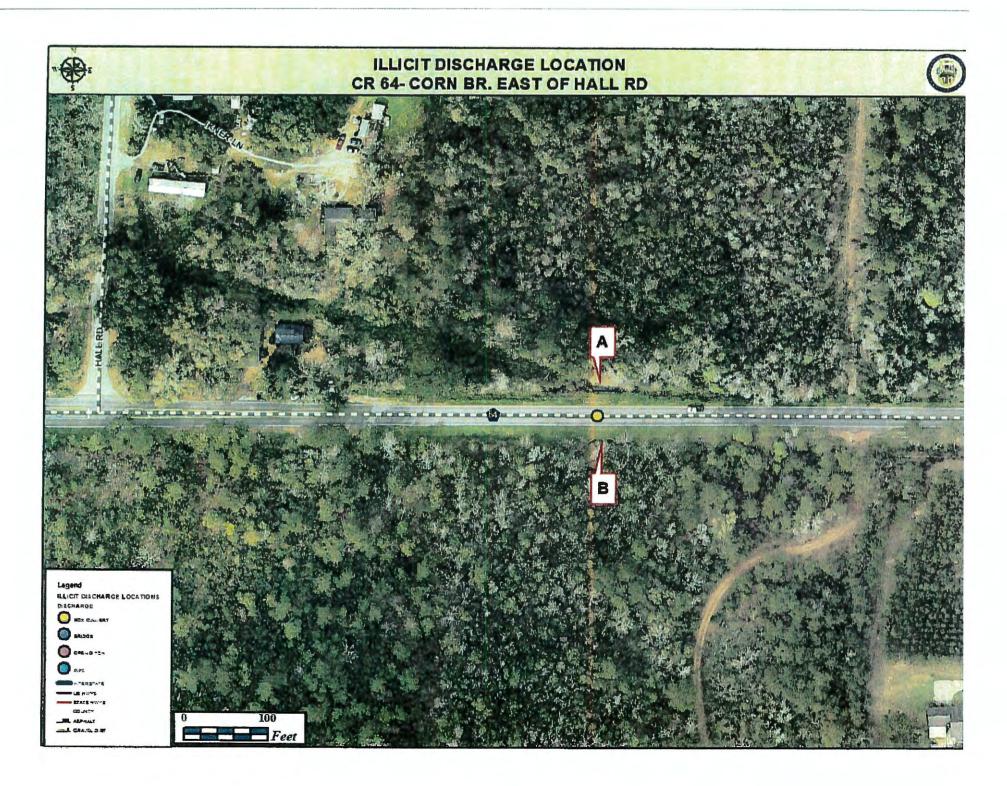
INDICATOR	CHECK if Present			DESCRIPTIO	N			RELATIVE SEVERITY INDEX (1-3)		
Odor	0	Sewage	Runcid/	sour Petroleu	m/gas		1 - Faint		2 - Easily detected	3 - Noticeable from a distance
Color	ď	☐ Clear ☐ Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:		l - Faint colo		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity				See severity			☐ I – Slight clo	udiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!			(Toilet Paper, etc m (oil sheen)	c.) Suds			☐ 1 — Few/sligh not obvious	t; origin	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Are physical indicator INDICATOR	that are not rel			Yes No	DESCRIPTION	Skip to Sec.	tion 6)		COMMEN	īs
Outfall Damage		)	Spalling Corresio	, Cracking or Ch	ipping 🔲	Peeling Pain	ı			
Deposits/Stains	0	ar .	Oily 🖸	Flow Line	Paint	Other:			A	
Abnormal Vegetation		]	☐ Excessive	☐ Inhibited						
Poor pool quality			Odors Suds	☐ Colors ☐ Excessive	Floatables	Oil Sheer	r			
Pipe benthic growth			☐ Brown	☐ Orange	Green	Other:			- 100 - 100	
Section 6: Overall	Outfall Cha	racteriza	tion							
☐ Unlikely ☐	Potential (pre	sence of two	or more indic	cators)	Suspect (or	e or more in	idicators with a	severity	of 3) 🔲 Obvious	
Section 7: Data C	ollection									
1. Sample for the lab	7		Yes	☑ No						
2. If yes, collected fro	om:		Flow	Pool						70 Sm
3. Intermittent flow to	rap set?		Yes	₽No	If Ye.	s, type:	OBM C	ulk dam		· Lamantana di Lama

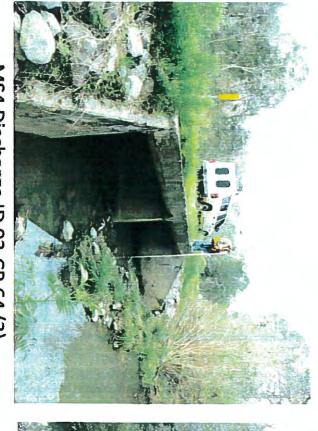
Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

I. REMOVE DEBRIS PROM INCET END

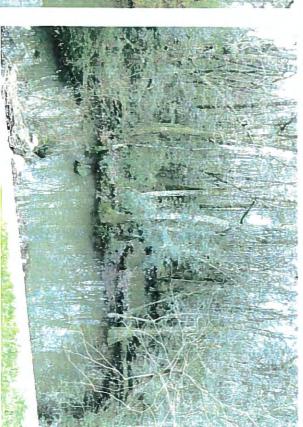
L. CHECK FLOW MHEN OUTLET END IS NOT SUBHERGED

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	870 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546\$	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 02-CR 64 (2)



MS4 Discharge ID 02-CR 64

### Section 1: Background Data

Subwatershed: MOSICE / Co	6N 66	Outfall ID:			
Today's date: 3/5/15		Time (Military):			
Investigators: W. MACKE	Y	Form completed by:			
Temperature (°F): Rainfall (in.): Last 24 hours:					
Latitutde: 30° 47' 5.893	Longitude: 87 17 7.875	GPS Unit:	GPS LMK #:		
Camera:	Commen				
Land Use in Drainage Area (Check a	ll that apply):				
☐ Industrial		Open Space			
Ultra-Urban Residential		☑ Institutional			
Suburban Residential		Other:			
Commercial		Known Industries:			
Notes (e.g, origin of outfall, if know	ni):				
(z) bb/ 12's	T' R.C. BOX CULYERT				

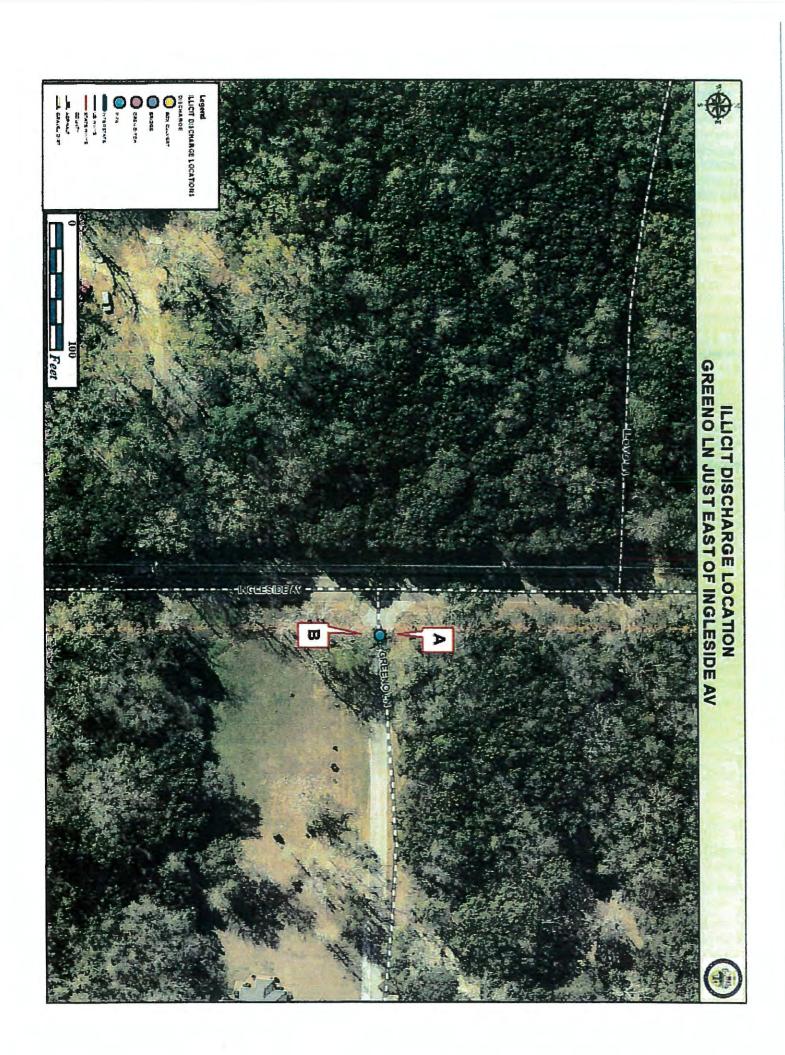
### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	RCP CMP PVC HDPE Steel Other:	☐ Circular ☐ Single ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other: ☐	Diameter/Dimensions:  /2' v 7'  **R. B.	In Water:  No Partially Fully  With Sediment: No Partially Fully
Open drainage	Concrete  Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	; samples)		
Flow Present?	☑ Yes □ No	o If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☑ Moderat	te Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PARAMETER		METER RESULT		EQUIPMENT
	Flow depth	24	ĺn	Tape measure
	Flow width	21' "	Ft, In	Tape measure
Flow	Measured length	10 ' 21	Ft, In	Tape measure
	Time of travel	20	S	Stop watch
1	Temperature		°F	Thermometer
	рН		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

INDICATOR	CHECK if Present		DESCRIPT	ION	- 1	RELATIVE SEVERITY INDEX (1-3)		
Odor		Sewage	Rancid/sour Petro	olcuπ/gas	☐ 1 — Faint	2 - Easily detected	3 - Noticeable from a distance	
Color	Ø	☐ Clear ☐ Green	☐ Brown ☐ Gray	Yellow Other:	☐ 1 — Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity	E/		See severi	ity	☐ 1 – Slight cloudiness	2 - Cloudy	☐√3 – Opaque	
Floatables -Does Not Include Trash!!	_	See Charles	(Toilet Paper, etc.) Suds m (oil sheen) Othe		l – Few/slight; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)	
Outfall Damage		3	Spalling, Cracking or	Chipping Peelin	g Paint			
Outfall Damage	E	]		Chipping Peelin	g Paint			
Deposits/Stains	[2	7	Oily Flow Line	Paint Other:				
		1	☐ Excessive ☐ Inhibit	ed				
Abnormal Vegetation				☐ Floatables ☐ Oil	Sheen			
Poor pool quality			Odors Colors Suds Excess					
				ive Algae Oth	her:			
Poor pool quality Pipe benthic growth ection 6: Overall	Outfall Cha	racterizat	Suds Excess Brown Orange	cive Algae	her:			
Poor pool quality Pipe benthic growth  ection 6: Overall Unlikely	Outfall Cha	racterizat	Suds Excess Brown Orange	cive Algae	her:	y of 3)		
Poor pool quality Pipe benthic growth ection 6: Overall	Outfall Cha Potential (pres	racterizat	Suds Excess Brown Orange	e Green Ott	her:	y of 3) 🔲 Obvious		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RO TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5,895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.6955
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.4805	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	870 53M 55.0415
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.0175
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPĘ	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.6985	87D 46M 48.2395
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M \$5,314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42,566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 03 Greeno Lane #2



MS4 Discharge ID 03 Greeno Lane

### Section 1: Background Data

Subwatershed:		Outfall ID: 0	3	
Today's date: 3-9-15		Time (Military): 1/27		
Investigators: Mile Sharp		Form completed by: Jevery Hokvel		
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 30 3 m 39, 672 Longitude: 87053 m 24, 95 s		GPS Unit:	GPS LMK #:	
Camera:		Photo #s: // + / 7		
Land Use in Drainage Area (Check all that a	pply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional Other:		
Suburban Residential				
☐ Commercial		Knowa Industries:		
Notes (e.g, origin of outfall, if known):				$\overline{}$

### Section 2: Outfall Description

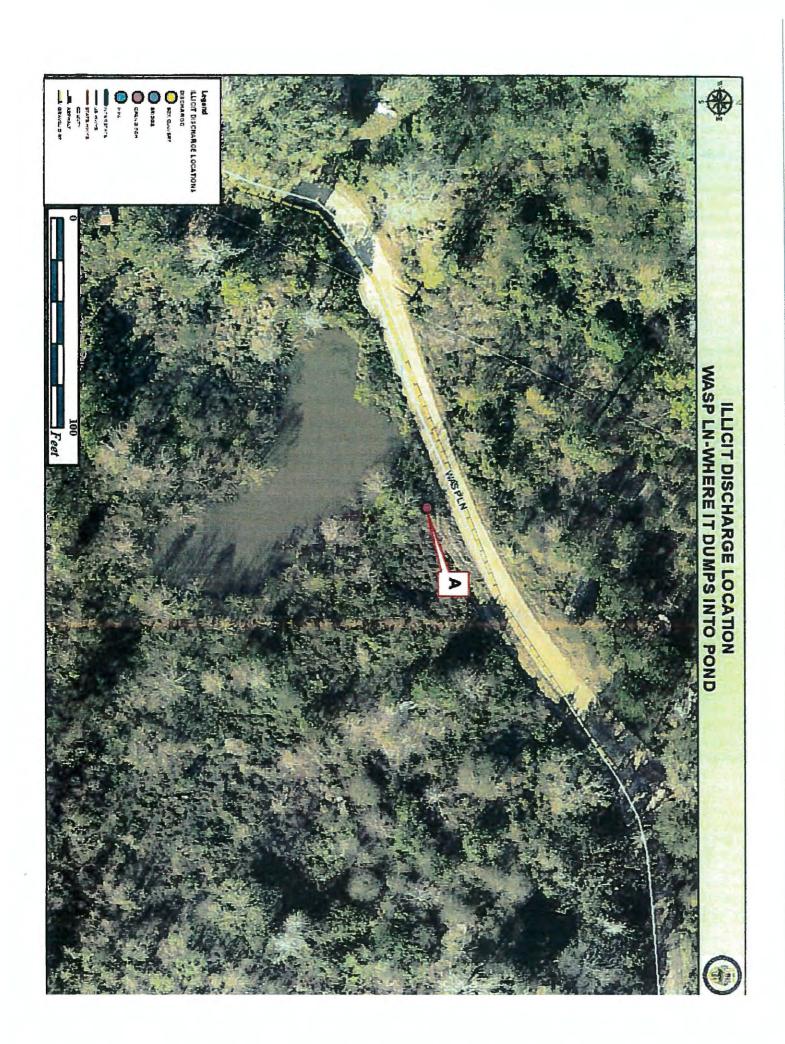
LOCATION	MATERIAL	V 2	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	CMP  PVC HDP  Steel  Other:		☐ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment:  No Partially  Partially  Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecti	ing samples)			
Flow Present?	☐ Yes ☐	No If No,	Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mode	rate Substantial			

		FIELD DATA FOR FLOWIN	G OUTFALLS	
P/	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth		In	Tape measure
□Flow	Flow width	, ,	Ft, la	Tape measure
U. 10#	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
Т	'emperature		°F	Thermometer
	рH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

INDICATOR	CHECK if Present			DESCRIPTIO	N			RE	LATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage	Rancid/	sour 🔲 Petroleu	m/gas		□ 1 – Faint		2 - Essily detected	3 - Noticeable from a distance
Color		☐ Clear ☐ Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:		1 - Faint colo		2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity			☐ 1 - Slight clo	udiness	2 - Cloudy	☐ 3 — Opaque
Floutables -Does Not Include Trash!	0		(Toilet Paper, etc m (oil sheen)	:.) Suds			1 - Few/sligh	t; origin	2 - Some, indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage	CHECK		☐ Spalling	, Cracking or Ch					COMMEN	TS
INDICATOR	CHECK If		☐ Spalling	Cracking or Ch	DESCRIPTION				COMMEN	TS
Outlan Damage			☐ Corrosio							
Deposits/Stains			Oily	Flow Line	Paint	Other:				
Abnormal Vegetation		)	☐ Excessive	☐ Inhibited						
Poor pool quality			Odors Suds	☐ Colors ☐ Excessive	☐ Floatables Algae	Oil Sheen Other:				
Pipe benthic growth			☐ Brown	Orange	, 🔲 Green	Other:				
ection 6: Overall	Outfall Cha	racteriza	ion							
_/ _	Potential (pre			ators)	] Cussost for		J		52) [] (I) (I)	
- Cillikely	rotential (pre	rence of two	of more maid	ators)	J Suspect (on	ie or more m	dicators with a	severity	of 3) 🗌 Obvious	
ection 7: Data Co	llection									
. Sample for the lab?			Yes	□/No					****	
2. If yes, collected from	m:		Flow	Pool						
3. Intermittent flow tra			7 Yes	TYNO	****	type: $\Box$ C	-	ulk dam		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.6935	87D S1M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18\$
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S

.





MS4 Discharge ID 04-Wasp Pl. (2)



MS4 Discharge ID 04-Wasp Pl.

### Section 1: Background Data

Subwatershed: Mosice / P.	CLEAR CF.	Outfall ID: Time (Military): 13/5		
Today's date: 3/6/15				
Investigators: W. MACKEY	D. THNEATT	Town constant to	MACKEY	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 30° ZR' ZL. ZG/	Longitude: 87 39 38 297	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 21, 22		
Land Use in Drainage Area (Check	all that apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
	wn):			

### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	□ RCP □ CMP □ PVC □ HDP! □ Steel □ Other: □	E DEliptical DE	Single Diameter/Dimensions:  Double  Triple  Other:	In Water:    \( \text{No} \)   Partially   Fully  With Sediment:   No   \( \text{Yeartially} \)   Fartially   Fully
☐ Open drainage	Concrete  Earthen  rip-rap  Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecti	ng samples)		
Flow Present?	☐ Yes	No If No, Skip to S	Section 5	
Flow Description (If present)	☐ Trickle ☐ Mode	rate		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P/	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth		In	Tape measure
□Flow	Flow width	, n	Ft, In	Tape measure
IL IOW	Measured length	, "	Ft, In	Tape measure
	Time of travel		S	Stop watch
1	Temperature		°F	Thermometer
	рH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

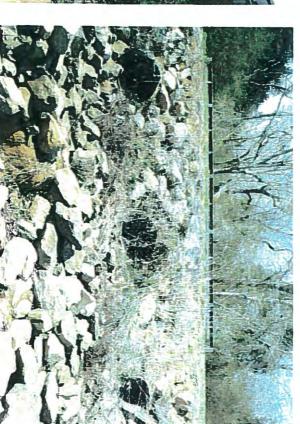
Odor  Color  Turbidity  Floatables -Does Not Include Trashil	0	Sewage Sulfide Clear Green	☐ Rancid/si ☐ Other: ☐ Brown ☐ Orange	□ Petroleur □ Gray □ Red	Yellow	☐ 1 — Faint	2 - Easily detected	3 - Noticeable from a distance
Turbidity  Floatables -Does Not Include	0	Green		Red	-			
Floatables -Does Not Include					Other:	☐ 1 — Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
-Does Not Include				See severity		☐ 1 — Slight cloudiness	2 - Cloudy	☐ 3 — Opaque
			(Toilet Paper, etc. m (oil sheen)	) Suds	•	1 – Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage	<b>13</b>		Spalling, Corrosio	Cracking or Chi	ipping Peeling	Paint		
Outfall Damage	Ø		Spalling,		ipping Peeling	Paint		
Deposits/Stains	Ø		Oily 🗗	Flow Line	Paint Other:			
Abnormal Vegetation	<b>2</b>		Excessive	☐ Inhibited				
Poor pool quality			Odors Suds	Colors Excessive	Floatables Oil S			
Pipe benthic growth			Brown	Orange	Green Othe			
ection 6: Overall O	outfall Char	rantarina	tion					
	otential (prese			ators) D	Suspect (one or mor	e indicators with a severity	of 3) Obvious	
_ Chirkely	otentiai (presi	ance of two	or more mare	41013)	J Suspect (one of mor	o marca or	,	******
ection 7: Data Coll	lection							
. Sample for the lab?			Yes	ØN₀				
2. If yes, collected from:			☐ Flow	Pool				

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M S6.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S

# ILLICIT DISCHARGE LOCATION **BOOTHE RD-BETWEEN LAKE VIEW DR & NORMAN LN** LAKE VIEW DR ILLICIT DISCHARGE LOCATIONS DICHARGE O acr CJU-487



MS4 Discharge ID 05-Boothe Rd. (2)



MS4 Discharge ID 05-Boothe Rd.

### Section 1: Background Data

Subwatershed: MOBILE / COMP	EN CE	Outfall ID: 5		
Today's date: 3/6/15		Time (Military): // 00		
Investigators: El. MACKEY	O. THUEATT	Form completed by:	MACKEY	
Temperature (°F): 35	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 30° 30' 14 00Z	Longitude: 87°52' 59. 695	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 13, 14		
Land Use in Drainage Area (Check all the	nat apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Otiser:		
Commercial		Known industries:		
Notes (e.g, origin of outfall, if known):				
Notes (e.g, origin of outfall, if known):				

### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	RCP CMP PVC HDPE Steel	☐ Circular ☐ Single ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other: ☐	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
□ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collectin	g samples)		
Flow Present?	☐ Yes ☑ N	lo If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Modera	ate 🔲 Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P/	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth		In	Tape measure
Flow	Flow width	) 11	Ft, in	Tape measure
Mea	Measured length	"	Ft, In	Tape measure
	Time of travel		S	Stop watch
1	l'emperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

INDICATOR	CHECK if Present		DESCRIPTIO	N		RELATIVE SEVERITY INDEX (1-3)				
Odor			☐ Rancid/sour ☐ Petroleum/gas ☐ 1 — Faint				2 - Easily detected	3 – Noticeable from a distance		
Color			rown Gray	☐ Yellow ☐Other:	☐ 1 — Faint colors in sample bottle		2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow		
Turbidity			See severity		☐ 1 - Slight cloudi	ness	2 - Cloudy	3 - Opaque		
Floatables -Does Not include Trashi!	0	Sewage (Toilet Pa	Li 1 - rewisignt, or				2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin, sanitary materials)		
Outfall Damage	CHECK If	□ s	oalling, Cracking or Chorrosion	DESCRIPTION  ipping	Paint	· · · · ·	COMMEN			
Outfall Damage				ipping	Paint					
Deposits/Stains	₹	Oil	Flow Line	Paint Other:						
Abnormal Vegetation	C.	☐ Exc	essive   Inhibited							
Poor pool quality		□ Ode	rs Colors Excessive	☐ Floatables ☐ Oil Algae ☐ Ott						
Pipe benthic growth	Ø	☐ Bro	wn 🗌 Orange	☐ Green ☐ Ott	er:					
ection 6: Overall Unlikely		racterization ence of two or more	indicators)	Suspect (one or me	ore indicators with a se	everity	of 3) 🔲 Obvious			
ection 7: Data Co	llection									
. Sample for the lab?		☐ Yes	☑ No							
. If yes, collected from	n:	☐ Flow	Pool							
Intermittent flow trap set?				If Yes, type:	☐ OBM ☐ Caul	k dam				

<u> </u>	<u> </u>	OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.9975
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.S12S
BRIDGE	10	SCENIC 98-FLY CRK, SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.3745	87D 52M 19.352\$
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29,019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.7975	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D S5M 56,413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48,239S
OX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
IPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42,566S
OX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S



MS4 Discharge ID 06 Jimmy Faulkner Rd. #2



MS4 Discharge ID 06 Jimmy Faulkner Rd.

6

### MS4 OUTFALL INSPECTION FORM

### Section 1: Background Data

Subwatershed:		Outfall ID: 06			
Today's date: 3 - 6 - 15		Time (Military): 13-37			
Investigators: Mile Shorp		Form completed by:	stored		
Temperature (°F): 50	Rainfall (in.): Last 24 hours:	Last 48 hours:			
Latitutde: 30 41m 6,6935   Long	gitude: 870 5/m 5,6115	GPS Unit:	GPS LMK #:		
Camera:		Photo #s: 3 4 4			
Land Use in Drainage Area (Check all that appl	ly):				
☐ Industrial		Open Space			
Ultra-Urban Residential		☐ Institutional			
Suburban Residential		Other:			
☐ Commercial		Known Industries:			
Notes (e.g, origin of outfall, if known):					

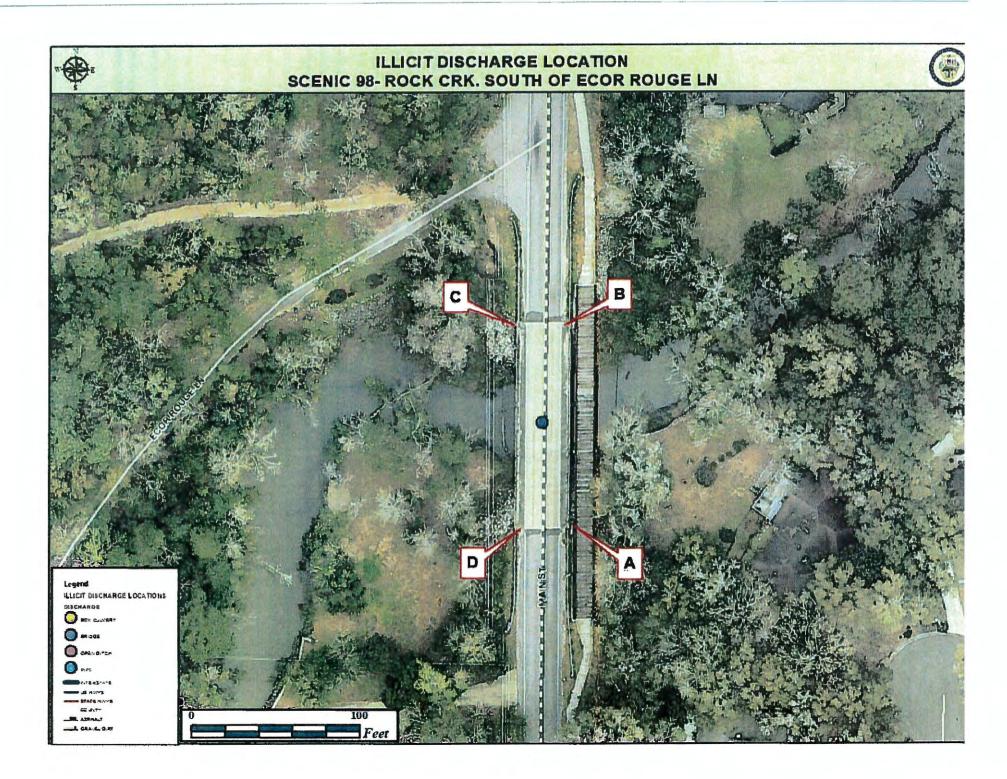
### Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel Other:	□ Circular     □ Single       □ Eliptical     □ Double       □ Box     □ Triple       □ Other:     □ Other:		In Water:    No   Partially   Fully  With Sediment:   No   Partially   Fully
Open drainage	☐ Earthen ☐ rip-rap ☐ Other:	□ Trapezoid □ Parabolic □ Other: Boy Culver+	Depth: 41/2 Top Width: 6X2 Bottom Width: 6X2	
In-Stream	(applicable when collecting	(samples)		
Flow Present?	☐Yes ☐ No	If No, Skip to Section	5	
Flow Description (If present)	Trickle Modera	te 🔲 Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS		
P/	ARAMETER	RESULT	UNIT	EQUIPMENT	
	Flow depth	8"	În	Tape measure	
	Flow width 10 -		Ft, In	Tape measure	
□Flow	Measured length	10. 0.	Ft, in	Tape measure	
	Time of travel		S	Stop watch	
1	l'emperature		°F	Thermometer	
pН			pH Units	Test strip/Probe	
Ammonia			mg/L	Test strip	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes □ No (If No, Skip to Section 5) **CHECK If** DESCRIPTION **RELATIVE SEVERITY INDEX (1-3)** INDICATOR Present ☐ Scwage ☐ Rancid/sour ☐ Petroleum/gas 3 - Noticeable from a ☐ 1 - Faint 2 - Easily detected Odor distance ☐ Sulfide Other: Clear ☐ Yellow ☐ Brown ☐ Gray 2 - Clearly visible in ☐ 1 - Faint colors in ☐ 3 — Clearly visible in Color sample bottle sample bottle outfall flow Green Orange Red Other: ☐ 1 - Slight cloudiness 2-Cloudy 3 - Opaque See severity Turbidity 2 - Some; indications 3 - Some; origin clear Floatables ☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ I — Few/slight; origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trash|1 sheen) sanitary materials) Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls (If No. Skip to Section 6) INDICATOR **CHECK If Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corresion Oily Flow Line Paint ☐ Other: Deposits/Stains Excessive Dahibited Abnormal Vegetation C Odors ☐ Calors ☐ Floatables Oil Sheen Poor pool quality Excessive Algae ☐ Suds Other: ☐ Green Other: Pipe benthic growth ☐ Brown Orange Section 6: Overall Outfall Characterization Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) ☐ Obvious Section 7: Data Collection ØN₀ ☐ Yes Sample for the lab? Pool 2. If yes, collected from: ☐ Flow ☐ Yes Ū⁄w. If Yes, type: OBM Caulk dam Intermittent flow trap set?

		OUTFALL INVENTORY SCHEDULE		[	
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5,895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.6265	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 07-Scenic 98 (2)



MS4 Discharge ID 07-Scenic 98

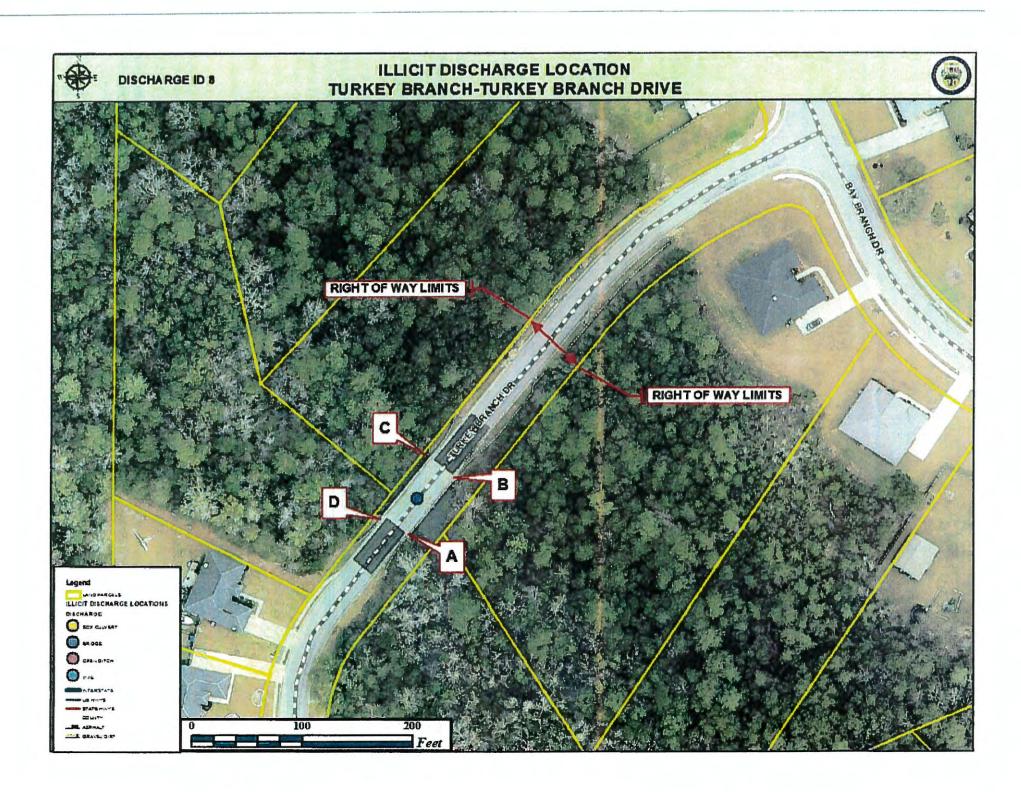
Subwatershed:	BUS / BOCK	CE.		Outfall ID:				
Today's date:	3/4/15			Time (Military)	1000			
Inventiontom	HOCKEY 10.7			Form completes		,		
Temperature (°F): 30 Rainfall (in.): Last 24 hours				: Last 48 hor				
Latitutde: 50°35	29.932	Longitude:	87°53 58.874	GPS Unit:	4-	GPS LMK#	:	
Camera:				Photo #s:	7, 8			
☐ Industrial ☐ Ultra-Urban Residential ☐ Suburban Residential ☐ Commercial				☐ Open Space ☐ Institutional Other: Known Industries:				
	. BRIDGE	X						
ection 2: Outf	all Description	on						
LOCATION	MATE	RIAL	SHAPE		DIMENSIO	NS (IN.)	SUBMERGED	
	RCP	CMP	Circular	Single	Diameter/Dimens	ions:	In Water:	

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel	☐ Circular ☐ Single ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other: ☐	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	; samples)		
Flow Present?	☑ Yes □ No	o If No, Skip to Section 5		
Flow Description	☐ Trickle ☐ Modera	te Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS		
P/	ARAMETER	RESULT	UNIT	EQUIPMENT	
	Flow depth	18	In	Tape measure	
-{Flow	Flow width	35'	Ft, in	Tape measure	
-110W	Measured length	<u>/0 1                                   </u>	Ft, In	Tape measure	
	Time of travel	10	S	Stop watch	
1	emperature		°F	Thermometer	
рН		4	pH Units	Test strip/Probe	
Ammonia			mg/L	Test strip	

INDICATOR	CHECK If Present		DESCRIPTION				RELATIVE SEVERITY INDEX (1-3)			
Odor		Sewage	☐ Rancid/sour ☐ Petroleum/gas			1 – Faint		2 - Easily detected	3 - Noticeable from a distance	
Color	ď	Clear	☐ Brown         ☐ Gray         ☐ Yellow           ☐ Orange         ☐ Red         ☐ Other:		1 – Faint co		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow		
Turbidity	G⁄			See severity			☐ I ~ Slight o	loudiness	☑2 – Cloudy	3 - Opaque
Floatables -Does Not include Trashii		Sewage (T	'oilet Paper, etc. (oil sheen)	) Suds			1 – Few/sli	ght; origin	2 – Some; indications of origin (e.g., possible auds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
ection 5: Physica re physical indicators INDICATOR		ted to flow pr		I Non-Flow Yes ☑ No		Skip to Sect	tion 6)		COMMEN	ve
Outfall Damage			Spalling. Corresion	Cracking or Ch					COMMEN	15
Deposits/Stains			Oily 🔲	Flow Lipe 🔲	Paint 🔲	Other;	··········			
Abnormal Vegetation			☐ Excessive	☐ Inhibited			<del> </del>			· · · · · · · · · · · · · · · · · · ·
Poor pool quality			Odors Suds	Colors Excessive	Floatables	Oil Sheen				
Pipe benthic growth			☐ Brown	☐ Orange	☐ Green	Other:				
ection 6: Overail	Outfall Char	acterizatio	on							
-/	Potential (prese		V.1.1	ntors)	Suspect (or	e or more in	dicators with	a severity o	of 3) Dovious	
ection 7: Data Co	ollection	•								
. Sample for the lab?			] Yes	□ No					· · · · · · · · · · · · · · · · · · ·	<u></u>
2. If yes, collected fro	m:		Flow	₽‡ool	···	7				
3. Intermittent flow to	ap set?		Yes	□Z'No	lfYe	i, type: 🔲 C	овм 🗆	Caulk dam		<del></del>

	<u> </u>	OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.6935	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27,932S	87D 53M 58.8745
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D SOM 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55,041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D S2M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.4195	87D 54M 29.019S
RIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
OX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769\$	87D 51M 9.728S
IPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 08-Turkey Br. Dr. (2)



MS4 Discharge ID 08-Turkey Br. Dr.

# Section 1: Background Data

Subwatershed: MOBILE / TUR	KAY BE.	Outfall ID:		
Today's date: 3/9/13		Time (Military): 1030		
Investigators: W. MACKEY.	D. THEISATT	Form completed by:	MACKEY	
Temperature (°F):	Rainfall (in.): Last 24 hours:			
Latitutde: 30°58'59.83	Longitude: 87 50' 3.334	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: /, Z		
Land Use in Drainage Area (Check all the	nat apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g, origin of outfall, if known):				
68' R.C. BRIDGE				

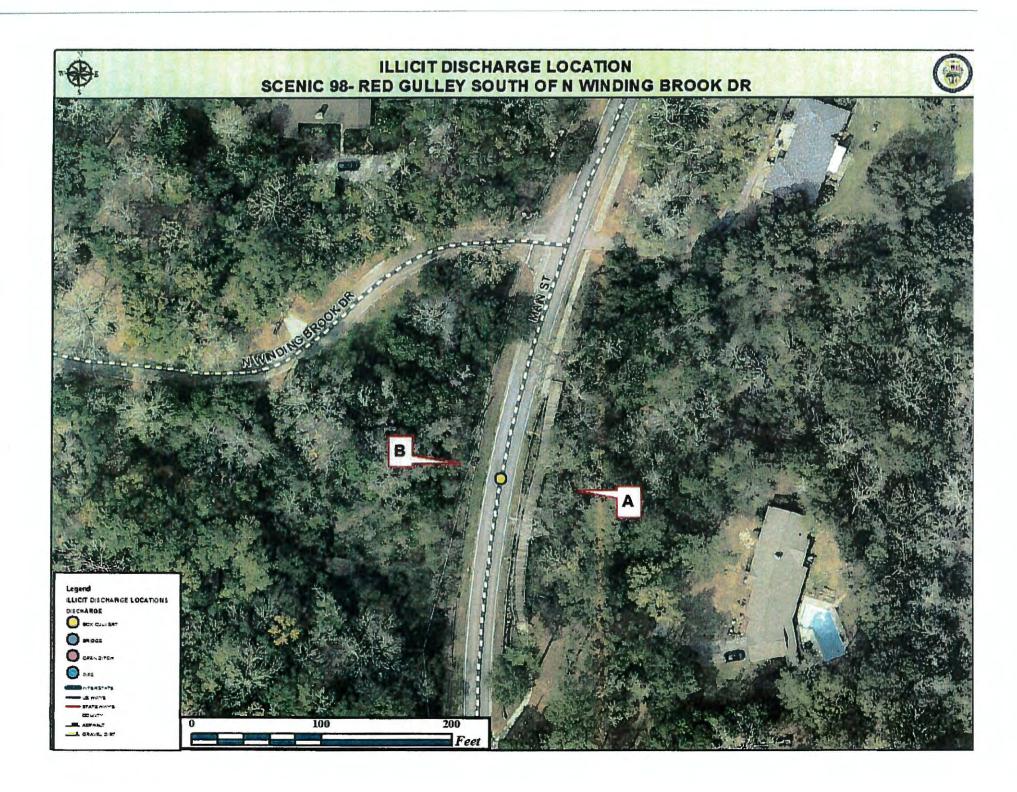
# Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	☐ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderat	e Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PA	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth	24"	ĺn	Tape measure
	Flow width	20'	Ft, In	Таре птеаѕите
□Flow	Measured length	16 ' "	Ft, In	Tape measure
	Time of travel	no 5	S	Stop watch
1	Cemperature		°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

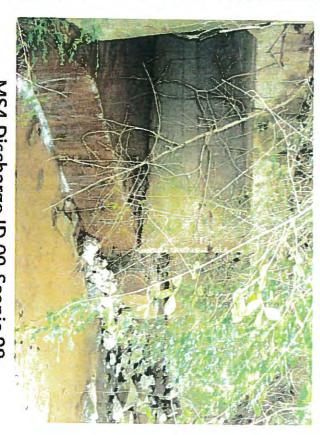
INDICATOR	CHECK if Present		DESCRIPTION				RE	LATIVE SEVERITY INDEX	(1-3)
Odor		☐ Sewage	☐ Rancid/	sour 🗌 Petroleu	m/gas	☐ 1 — Faint		2 - Easily detected	3 - Noticeable from a distance
Color	ď	☐ Clear ☐ Green	☐ Brown ☐ Orange	in the ball		2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow		
Turbidity				See severity		☐ 1 — Sligh	L cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	0	Sewage (	Toilet Paper, et n (oil sheen)	c.) Suds		1 - Few/s	alight; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage		3	Spalling Corresi	, Cracking or Ch on	ipping	ing Paint			
Outfall Damage		3	Corrosi	Off	pping rec	ang rana			
Deposits/Stains		1	Oily [	Flow Line	Paint Other				
Abnormal Vegetation		)	☐ Excessive	☐ Inhibited					
Poor pool quality			Odors Suds	☐ Colors ☐ Excessive		Oil Sheen Other:			
Pipe benthic growth			☐ Brown	☐ Orange	, 🗆 Green 🔲	Other:			
ection 6: Overall	Outfall Cha	•		cators)	Suspect (one or	more indicators wi	th a severity	of 3) Obvious	
ection 7: Data Co	ollection				1, 1, 1,				
. Sample for the lab			Yes	₽No					
2. If yes, collected fro	m:		Flow	Pool					
Intermittent flow trap set?			Yes	₽No		: ПОВМ Г			

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.7975	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK, NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.6985	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 09-Scenic 98 (2)



MS4 Discharge ID 09-Scenic 98

# Section 1: Background Data

Subwatershed: Hosice /FE	D GULLRY	Outfall ID: 9		
Today's date: \$/4/15		Time (Military): 0930		
Investigators: M. MACKEY	D. THEEATT	F	MACKEY	
Temperature (°F):	Rainfell (in.): Last 24 hours		16154.536	
Latitutde: 30 34' 12.180	Longitude: 87°54 17.512	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 5, 6		
Land Use in Drainage Area (Check a	li that apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g, origin of outfall, if know	n):			
(2)661 12'86' R.	C. BOK CULYERT			
Λ.	L. DOG LIVEY COM			

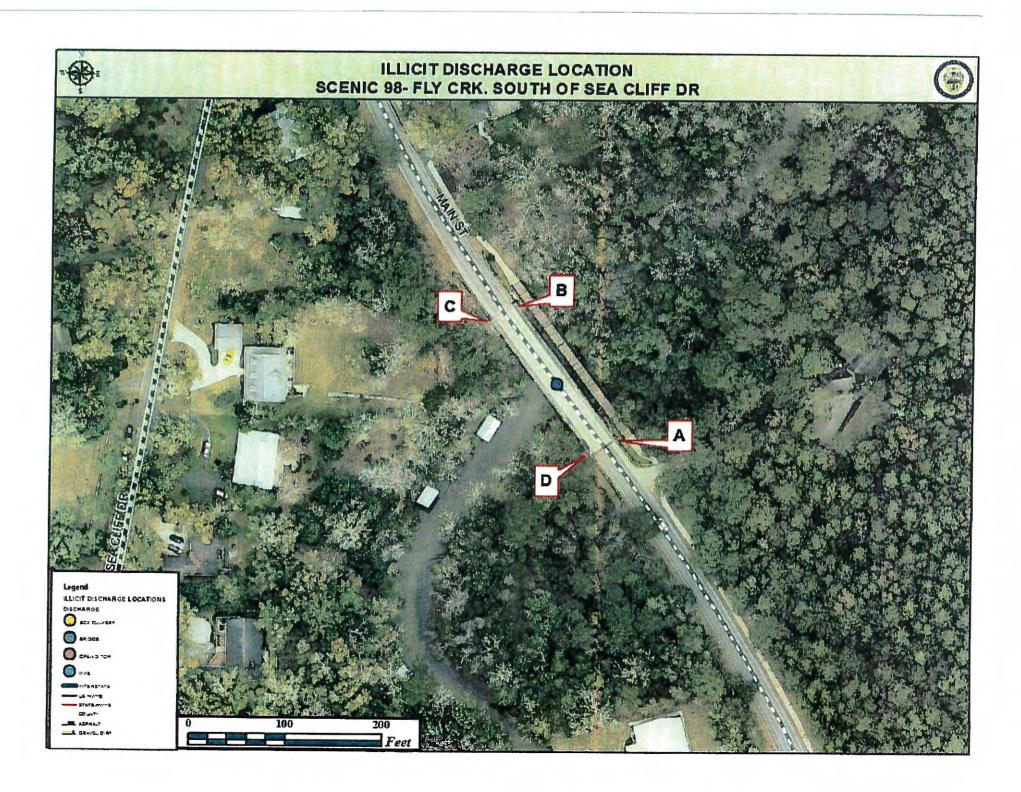
# Section 2: Outfall Description

LOCATION	MATERIAL	SH	IAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Pratially Fully
☐ Open drainage	Concrete  Earthen  rip-rap  Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)			
Flow Present?	☑ Yes ☐ No	If No, Sk	cip to Section 5		
Flow Description (If present)	☐ Trickle ☑ Moderate	te Substantial			

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth	36	ln .	Tape measure
<b>☑</b> Flow	Flow width	_15_'"	Ft, In	Tape measure
	Measured length	10 "	Ft, In	Tape measure
	Time of travel	10	S	Stop watch
Temperature			°F	Thermometer
рН			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes ☐ No (If No, Skip to Section 5) CHECK IF DESCRIPTION **RELATIVE SEVERITY INDEX (1-3)** INDICATOR Present Rancid/sour Petroleum/gas Scwage 3 - Noticeable from a ☐ 1 ~ Faint 2 - Easily detected Odor distance ☐ Sulfide Cther. ☐ Gray ☐ Yellow Clear ☐ Brown 1 - Faint colors in 2 - Clearly visible in ☐ 3 – Clearly visible in Ø Color sample bottle sample bottle outfall flow Red Other: ☐ Green 12 I − Slight cloudiness 2 - Cloudy 3 - Opaque See severity Turbidity 2 - Some, indications 3 - Some; origin clear Floatables Sewage (Toilet Paper, etc.) Suda 🗌 of origin (c.g., ☐ 1 — Few/slight, origin (e.g., obvious oil -Does Not Include possible suds or oil sheen, suds, or floating not obvious Petroleum (oil sheen) Other. Trashii sanitary materials) sheen) Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6) DESCRIPTION COMMENTS **CHECK if Present** INDICATOR Spalling, Cracking or Chipping ☐ Peeling Paint Outfall Damage Corrosion B' Oily Flow Line Paint Other: Deposits/Stains ☐ Excessive ☐ Inhibited Ahnormal Vegetation Colors 
Excessive Algae ☐ Floatables Oil Sheen ☐ Odors Poor pool quality Suds 🗍 Other. Green  $\square$ Orange Other: Pipe benthic growth ☐ Brown Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) ☐ Obvious Unlikely Section 7: Data Collection ☑ No 1. Sample for the lab? Yes -Pool Flow 2. If yes, collected from: W/No If Yes, type: 🔲 OBM Caulk dam ☐ Yes Intermittent flow trap set?

		OUTFALL INVENTORY SCHEDULE		1	
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.8335
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE		GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.9515
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.5125
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.0175
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 5SM 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.2395
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 10-Scenic 98 (2)



MS4 Discharge ID 10-Scenic 98

# Section 1: Background Data

Subwatershed: MOBILE!	FLY CE.	Outfall ID:			
Today's date: \$/6/1		Time (Military): 1015			
Investigators: W. MACKEY		Form completed by	MACKEY		
Temperature (°F):	Rainfall (in.): Last 24 hour				
Latitutde: 30° 33' 4.	Longitude: 87°53 '53.041	GPS Unit:	GPS LMK #:		
Camera:		Photo #s: 9 10	Photo #s:		
Land Use in Drainage Area (Check	all that apply):				
☐ Industrial		☐ Open Space			
Ultra-Urban Residential		☐ Institutional			
Suburban Residential		Other:			
☐ Commercial		Known Industries:			
Notes (e.g., origin of outfall, if kno	own):				
175' R.C. BEI					
ITS R.C. BEI	068				

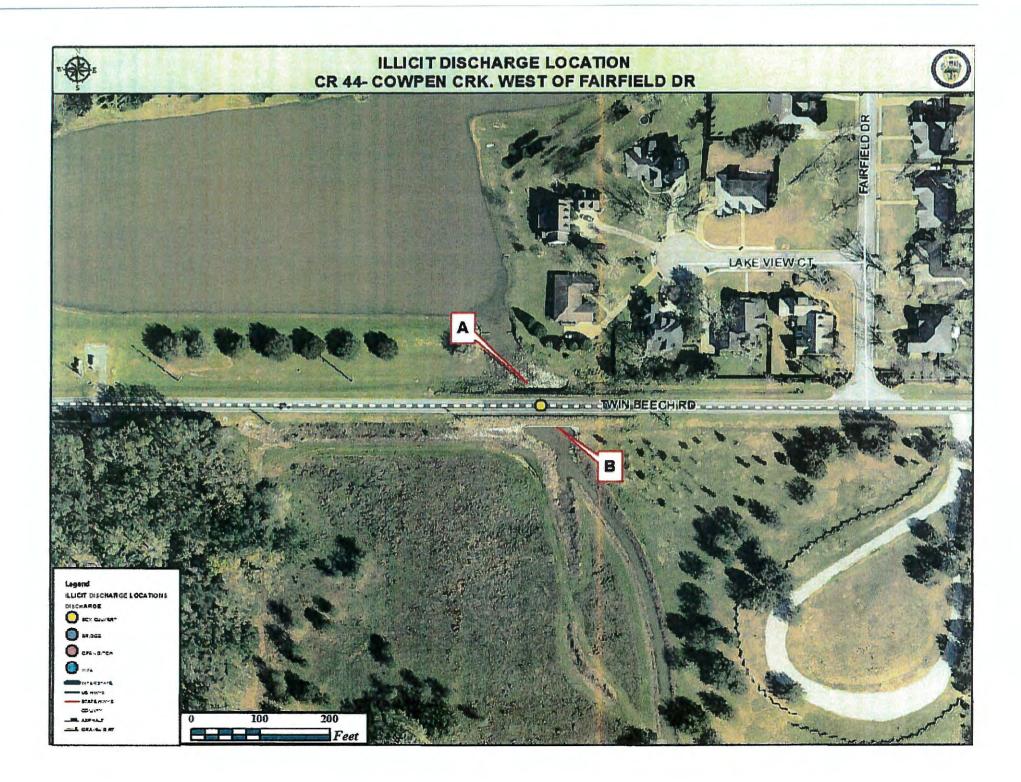
# Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Doubl ☐ Box ☐ Triple ☐ Other: ☐ Other:	le	In Water: No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☑ In-Stream	(applicable when collecting	samples)		
Flow Present?	☑ Yes □ No	If No, Skip to Section	n 5	
Flow Description (If present)	Trickle Moderat	e □ Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS		
P	ARAMETER	RESULT	UNIT	EQUIPMENT	
	Flow depth	36	La .	Tape measure	
Fiow	Flow width 60 " "  Measured length 11 "	80 "	Ft, In	Tape measure Tape measure	
(S) L 10 W			Ft, In		
	Time of travel	mg 10	S	Stop watch	
7	emperature		°F	Thermometer	
	рН		pH Units	Test strip/Probe	
	Ammonia		mg/L	Test strip	

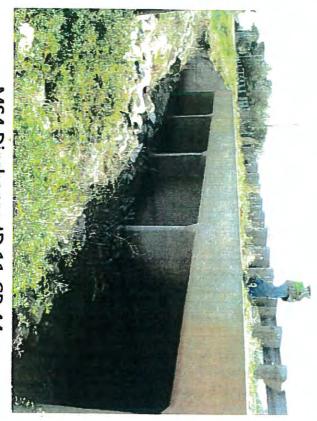
INDICATOR	CHECK If Present			DESCRIPTIO	N			RE	LATIVE SEVERITY INDEX	(1-3)
Odor		Sewage	☐ Rancid/s	our Petroleu	ım/gas		☐ 1 Faint		2 - Easily detected	3 - Noticeable from a distance
Color	ď	☐ Clear ☐ Green	☑ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:		1 - Faint colors i sample bottle	n	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	<b>a</b>			See severity			☐ 1 – Slight cloudi	ness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trashii	0		(Toilet Paper, etc m (oil sheen)	.) Suds			l – Few/slight; o	rigin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
		10.700.700	☐ Spalling,	Cracking or Ch			ıt		COMMEN	rs
INDICATOR	CHECK if	Present			DESCRIPTIO	N			COMMEN	rs
Outfall Damage		]	Corrosio		ibbing	Pecling Pain	it .			
Deposits/Stains			Oily	Flow Line	Paint	Other:				
Abnormal Vegetation		]	Excessive	☐ Inhibited						
Poor pool quality			Odors Suds	☐ Colors ☐ Excessive	☐ Floatables Algae	Oil Sheer	n		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-
Pipe benthic growth			Brown	☐ Orange	☐ Green	Other:			w.	
ection 6: Overall	O-46-11 CL-				3					
					-					
✓ Unlikely	Potential (pre:	ence of two	or more indica	ators)	Suspect (or	ne or more ir	ndicators with a se	verity (	of 3) Dovious	
ection 7: Data Co	llection									
. Sample for the lab?			Yes	☑ No					- W	
. If yes, collected from	in:		Flow	☐ Pool	-					
Intermittent flow tra	an set?	r	7 Yes	DZ No.	IfVe	s type:	OBM Coul	dom		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.9895	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.7695	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25,095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 11-CR 44 (2)



MS4 Discharge ID 11-CR 44

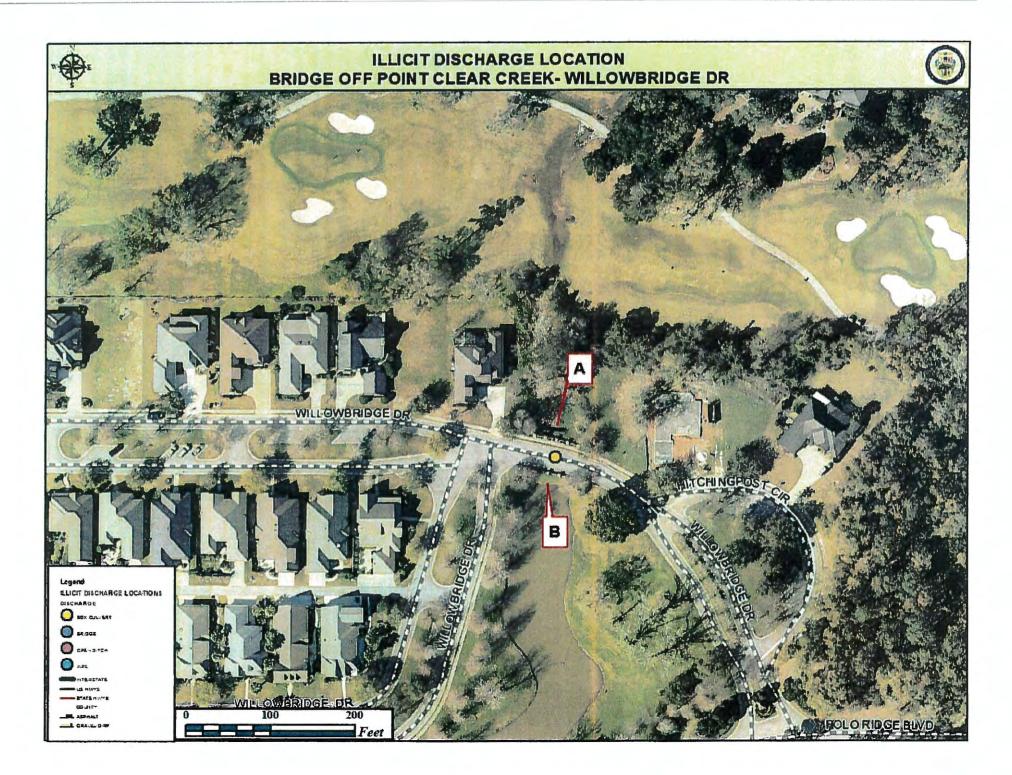
Subwatershed:	OBILE / COL	VPEN CR		Outfall ID:	//			
Today's date:	3/4/10		,	Time (Military		·····		
Investigators:	MACKEY	O. THE	COTT	Form complete				
Temperature (°F):	31		fall (in.): Lest 24 ho	ırs: Last 48 he				
Latitutde: 30 50	6.371	Longitude:	87°52' 19.352	GPS Unit:	GPS LMK	#;		
Camera:				Photo #s:	Photo #s:			
Land Use in Drainage	Area (Check all	that apply):						
☐ Industrial				Open Space	•			
Ultra-Urban Reside	ential			☐ Institutiona	1			
Suburban Resident	ial			Other:				
Commercial				Known Industr	ies:			
Notes (e.g, origin of	outfall, if known)	:						
	_	S. Bak						
ection 2: Outf			Em.Veki					
LOCATION	MA	TERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGED		
	<b>☑</b> RCP	□ СМР	☐ Circular	Single	Diameter/Dimensions:	In Water:		
	PVC	HDPE	☐ Eliptical	☐ Double		No Partially		

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Doubl ☐ Box ☐ Triple ☐ Other: ☐ Other:	ie	In Water:  No Partially Fully  With Sediment: No Partially Fully
□ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
□n-Stream	(applicable when collecting	samples)		
Flow Present?	₽ Yes ☑ No	If No, Skip to Section	n S	
Flow Description (If present)	☐-Trickle ☐ Modera	te Substantial	*	

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth		In .	Tape measure
₽Flow	Flow width	, n	Ft, In	Tape measure
11111011	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
1	l'emperature		°F	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

INDICATOR	CHECK if Present			DESCRIPTION	N.		RE	LATIVE SEVERITY INDEX	(1-3)
Odor		☐ Scwage	☐ Rancid/so☐ Other:	our Petroleu	m/gas	☐ 1 — Faint		2 - Easily detected	3 - Noticeable from a distance
Color	Ø	☐ Clear ☐ Green	☐ Brown	☐ Gray	☐ Yellow ☐Other:	☐ 1 — Faint co		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	Ø			See severity		☐ 1 - Slight c	loudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trashil			(Toilet Paper, etc.)	Suds		1 - Few/slig not obvious	ght; origin	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage		]	Spalling, Corrosion	Cracking or Ch	ipping	Paint			
Outfall Damage		]			ipping L Peeling	Paint			
Deposits/Stains	6	2	Oily 🗹	Flow Line	Paint Other:				31000
Abnormal Vegetation		)	☐ Excessive	☐ Inhibited					
Poor pool quality			Odors Suds	☐ Colors ☐ Excessive	☐ Floatables ☐ Oil S Algae ☐ Othe				
Pipe benthic growth	•	1	Brown	Orange	☐ Green ☐ Othe	7			
ection 6: Overall Unlikely	Potential (pre			ators)	Suspect (one or mor	e indicators with	a severity	of 3) Dovious	
. Sample for the lab?			☐ Yes	No				***************************************	
. If yes, collected fro			☐ Flow	Pool	- t - t	***	******	PARTIES AND ADMINISTRATION OF THE PARTIE	
1-1			7 ٧	C/No	If Ves type:		Caulk dam		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.0415
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.0195
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.0179
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.2395
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.5465	87D 51M 47.7S2S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 12-Willowbridge Dr.



MS4 Disharge ID 12-Willowbridge Dr. (2)

Section 1: Background Data

Subwatershed: MOBILE/PT.	CLEAR CK.	Outfall ID: /2				
Today's date: 3/6/15		Time (Military): 1500				
Investigators: W. MACKEY	Q. THINEATT	Form completed by: W. Ma	CKEY			
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:				
Latitutde: 30° 28' 58419	Longitude: 87 34 W 2019	GPS Unit:	GPS LMK #:			
Camera:		Photo #s: /9 Zo				
Land Use in Drainage Area (Check al	that apply):					
☐ Industrial		Open Space				
Ultra-Urban Residential		☐ Institutional				
Suburban Residential		Other:				
☐ Commercial		Known Industries:				

Section 2: Outfall Description

LOCATION	MATERIAL		SHAPE.	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CI ☐ PVC ☐ H ☐ Steel ☐ Other;		Single Double Triple Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment:  No Fartially Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☑In-Stream	(applicable when coll	ecting samples)			
Flow Present?	☑ Yes	□No IfN	o, Skip to Section 5		
Flow Description (If present)	☑ Trickle ☐ M	oderate Substantial			

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth	36	ln	Tape measure
Flow	Flow width	30'	Ft, In	Tape measure
□1.10.W	Measured length	<u>// "</u>	Ft, In	Tape measure
	Time of travel	sre 21	S	Stop watch
7	Геmperature		°F	Thermometer
	pН		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes □ No (If No. Skip to Section 5) **CHECK If RELATIVE SEVERITY INDEX (1-3)** DESCRIPTION INDICATOR Present ☐ Rancid/sour ☐ Petroleum/gas ☐ Sewage 3 - Noticeable from a 1 - Faint 2 - Easily detected Odor distance Sulfide Other: Brown ☐ Gray ☐ Yellow ☐ Clear 2-Clearly visible in ☐ 1 - Faint colors in 3 - Clearly visible in P Color sample bottle sample bottle outfall flow Red ☐ Green Orange Other: 1 2-Cloudy See severity ☐ 1 - Slight cloudiness 3 - Opaque Turbidity 2 - Some; indications 3 - Some; origin clear Floatables Sewage (Toilet Paper, etc.) ☐ Suds ☐ 1 - Few/slight, origin of origin (e.g., (e.g., obvious oil -Does Not Include not obvious possible suds or oil sheen, suds, or floating Petroleum (oil sheen) Other: Trashit sheen) sanitary materials) Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Yes No (If No. Skip to Section 6) INDICATOR **CHECK if Present** DESCRIPTION COMMENTS Spalling, Cracking or Chipping Peeling Paint Outfall Damage Corresion Ø Oily Flow Line Paint Other: Deposits/Stains Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors
Suds ☐ Floatables Oil Sheen ☐ Colors Poor pool quality Excessive Algae Other: Ø Z Green ☐ Brown ☐ Orange Pipe benthic growth Other: Section 6: Overall Outfall Characterization Suspect (one or more indicators with a severity of 3) Unlikely Potential (presence of two or more indicators) ☐ Obvious Section 7: Data Collection MNO 1. Sample for the lab? ☐ Yes Flow Pool 2. If yes, collected from: Intermittent flow trap set? Yes No If Yes, type: OBM Caulk dam

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.6935	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.4135
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.6985	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
OX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S



# ILLICIT DISCHARGE LOCATION CR 3- BAILEY CRK. SOUTH OF COUNTY RD 32







MS4 Discharge ID 13-CR 3 (2)



MS4 Discharge ID 13-CR 3

# Section 1: Background Data

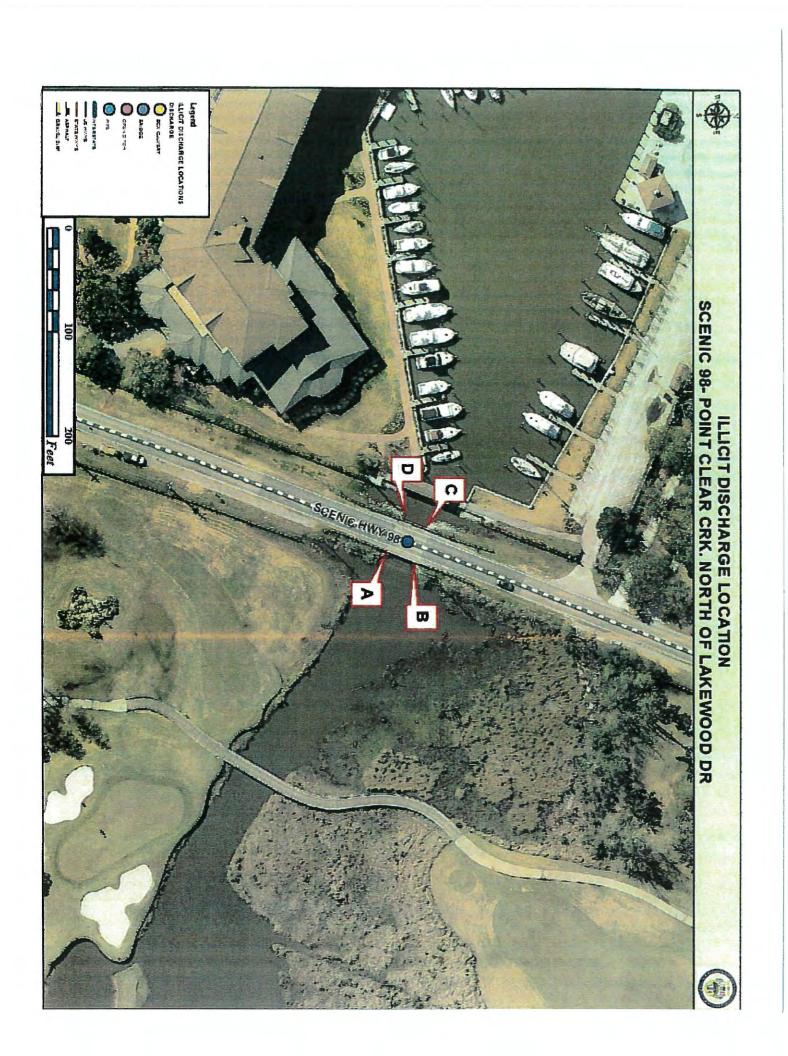
LOCATION	I PLAN	ERLANL			I DIMENSIONS (IN.)	SUBMERGED
	MAT	TERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGED
ection 2: Outfa	ll Descrip	tion				
68' K.	C. BRIDGE					
lotes (e.g, origin of o	utfall, if known):					
Commercial				Known Industr	ies:	
Suburban Residentia	al			Other:		
Ultra-Urban Residen	ntial			☐ Institutiona	1	
Industrial				Open Space	e	
and Use in Drainage	Area (Check all t	hat apply):				
amera:				Photo #s:	17.18	
atitutde: 30°28'	14.797	Longitude:	87 54 11.00	GPS Unit:	GPS LMK	#:
Cemperature (°F):	10		infall (in.): Last 24 ho	ours: Last 48 he		
numetiontown	YACKEY L		7	Form complete		
	1/15			Time (Military		
subwatershed: MOB	ME   BAN	EY CE.		Outfall ID:	13	

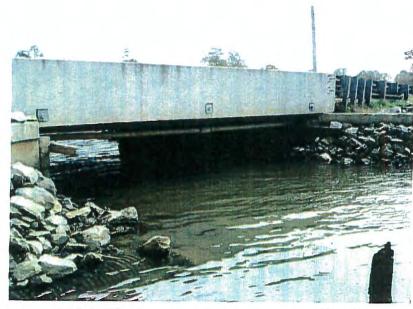
LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel	☐ Circular         ☐ Single           ☐ Eliptical         ☐ Double           ☐ Box         ☐ Triple           ☐ Other:         ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	Concrete  Earthen  rip-rap  Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	; samples)		
Flow Present?	☐ Yes ☐ Yo	o If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderat	te 🗌 Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS			
P	ARAMETER	RESULT	UNIT	EQUIPMENT		
	Flow depth		Ĭn .	Tape measure		
Flow	Flow width	, ,,	Ft, In	Tape measure		
	Measured length	Measured length	Measured length'	, n	Ft, In	Tape measure
	Time of travel		S	Stop watch		
1	[emperature		°F	Thermometer		
рН			pH Units	Test strip/Probe		
Ammonia			mg/L	Test strip		

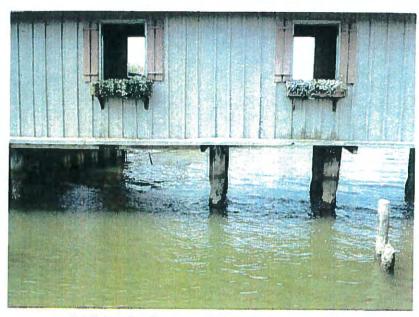
INDICATOR	CHECK if Present		DI	SCRIPTION	1			RE	LATIVE SEVERITY INDEX	(1-3)
Odor	0	☐ Sewage	☐ Rancid/sou	r 🔲 Petroleum	n/gas		] 1 – Faint		2 - Easily detected	3 – Noticeable from a distance
Color		☐ Clear ☐ Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:		l – Faint o		2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity				See severity		1	1 - Slight	cloudiness	2 - Cloudy	☐ 3 - Opaque
Floatables -Does Not Include Trashli	0	Sewage (	Toilet Paper, etc.)	Suds Other:			] 1 – Few/s ot obvious	light; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage			Spalling, C. Corrosion	racking or Chi	pping 🛚	Peeling Paint				
Outfall Damage			Corrosion	racking or Chi	pping 🗀	reening raint				
Deposits/Stains			Oily Fi	ow Line 🔲	Paint 🔲	Other;				
Abnormal Vegetation			☐ Excessive	☐ Inhibited			2000			
Poor pool quality				Colors Excessive	☐ Floatables Algae	Oil Sheen Other;				
Pipe benthic growth			☐ Brown	Orange	☐ Green	Other:				
ection 6: Overall	Outfall Cha	ractorizat	on							
				_\	1.6				т Пог	
Unlikely	Potential (pres	ence of two	or more indicate	ors) _	Suspect (on	e or more ind	cators wit	n a severity	of 3) Obvious	
ection 7: Data Co	llection									
. Sample for the lab?			Yes	Ø No						***************************************
. If yes, collected from	n:	1	Flow	Pool						a bathan
Intermittent flow tra	·n		] Yes	No	7037	s, type: OI		Caulk dam		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.8755
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.S36S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.4195	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.1875
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.0955	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 14-Scenic 98 (2)



MS4 Discharge ID 14-Scenic 98

# Section 1: Background Data

Subwatershed: Nosus   PT.	CLEAR OF	Outfall ID:		
Today's date: 3/4 /15		Time (Military): /2/5		
Investigators: W.Mackey	D. THESATT	Para samulated by	MACKEY	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 3029 8.725	Longitude: 87 55 56.413 "	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 15, 16		
Land Use in Drainage Area (Check all	that apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		_
Commercial		Known Industries:		
Notes (e.g., origin of outfall, if known	):			
34 R.C. BRID	O.E.			

# Section 2: Outfall Description

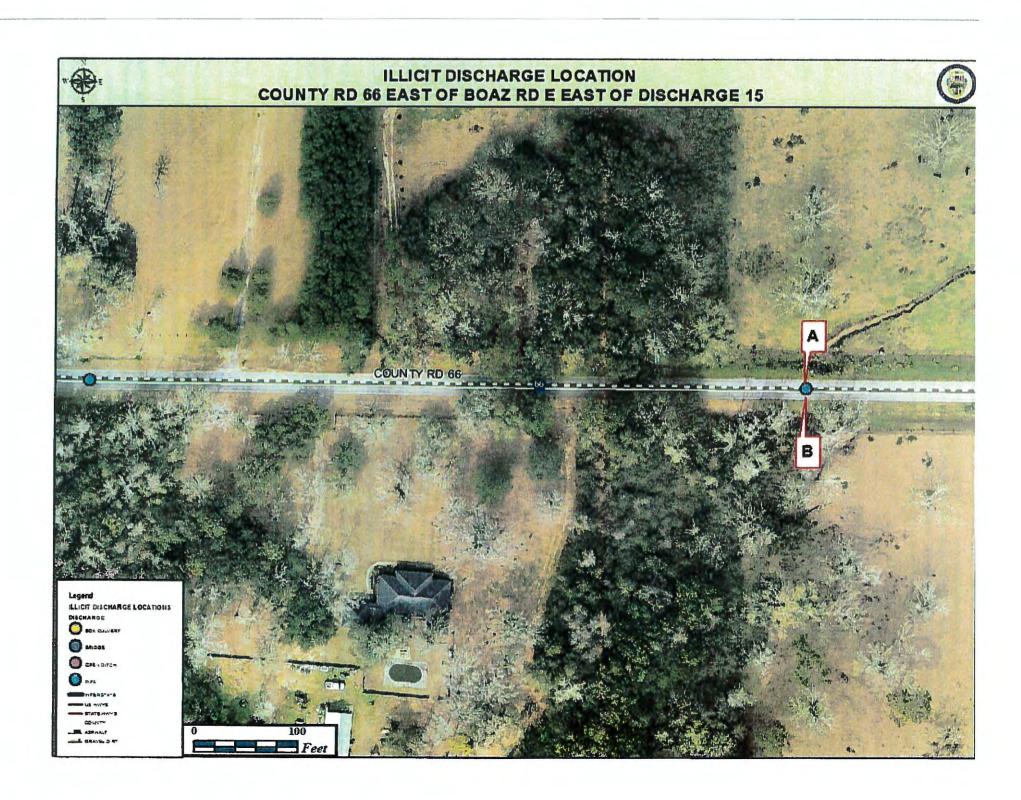
LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	□ RCP □ CMP □ PVC □ HDPE □ Steel □ Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other.	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collectin	g samples)		the state of the s
Flow Present?	☑ Yes □N	o If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle	ate Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS			
P/	ARAMETER	RESULT	UNIT	EQUIPMENT		
	Flow depth	18	ln .	Tape measure		
<b>☑</b> flow	Flow width Measured length	v	JL	Ft, In	Tape measure	
No Link			10 "	Ft, In	Tape measure	
	Time of travel	July 5	S	Stop watch		
1	l'emperature		°F	Thermometer		
рН			pH Units	Test strip/Probe		
Ammonia			mg/L	Test strip		

# MS4 Outfall Inspection Form

Color Clear Grown Gray Yellow 1 - Faint colors in sample bottle  Turbidity See severity 1 - Slight cloudiness	ATIVE SEVERITY INDE	(1-3)
Turbidity	2 - Easily detected	3 - Noticeable from a distance
Sewage (Toilet Paper, etc.)   Suds   1 - Few/slight; origin not obvious   Petroleum (oil sheen)   Other:     1 - Few/slight; origin not obvious     1 - Few/slight; origin n	2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Sewage (Toilet Paper, etc.)   Suds     1 - Few/slight; origin not obvious     1 - Few/slight;	☑ 2 - Cloudy	3 - Opaque
re physical indicators that are not related to flow present?	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Abnormal Vegetation		
Deposits/Stains	COMME	
Abnormal Vegetation		
Price pool quality	<u> </u>	
ection 6: Overall Outfall Characterization  Unlikely  Potential (presence of two or more indicators)  Suspect (one or more indicators with a severity of 3) ection 7: Data Collection		
Unlikely  Potential (presence of two or more indicators)  Suspect (one or more indicators with a severity of 3)		
	f3) 🗌 Obvious	
t. If yes, collected from:		

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE		TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4,416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S







Section 1: Background Data

Subwatershed:		Outfall ID: 15 Time (Military): 14:18		
Today's date: 3-6-15				
Investigators: mile Shap			eny Hovers	
Temperature (°F): 50	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 300,32m 32.6265	Longitude: 87046m 56.1875	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 7 + 8		
Land Use in Drainage Area (Check all the	t apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
D Suburban Residential		Other:		
Commercial		Known Industries:		

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	PVC HDPE Steel	☐ Circular ☐ Sin ☐ Eliptical ☐ Do ☐ Box ☐ Tri ☐ Other: ☐ Oth	uble 28	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	(samples)		
Flow Present?	☐ Yes ☑ No	If No, Skip to Sec	tion 5	
Flow Description (If present)	☐ Trickle ☐ Modera	te 🔲 Substantial		

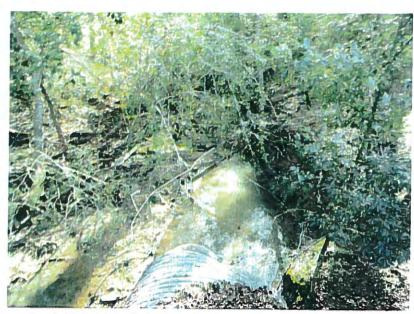
		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PARAMETER		RESULT	UNIT	EQUIPMENT
	Flow depth		ĺn	Tape measure
Flow	Flow width		Ft, In	Tape measure
- It low	Measured length	_'"	Ft, In	Tape measure
	Time of travel		S	Stop watch
Temperature			°F	Thermometer
рH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

INDICATOR	CHECK if Present		DESCRIPTION				RE	RELATIVE SEVERITY INDEX (1-3)		
Odor	П	Sewage	☐ Rancid/so	ur Petroleur	n/gas	□ 1 – Fa	int	2 - Easily detected	3 – Noticeable from a distance	
Color		☐ Clear ☐ Green	☐ Brown ☐ Orange					2 - Clearly visible in sample bottle	3 ~ Clearly visible in outfall flow	
Turbidity				See severity		☐ 1 - Sli	ght cloudiness	2 - Cloudy	3 - Opaque	
Floatables -Does Not Include Trash!!		2 2 2 2 2 2	Toilet Paper, etc. n (oil sheen)	Toilet Paper, etc.) Suds				2 - Some; indications of origin (e.g., possible suds or oil sheen)	☐ 3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)	
Outfall Damage	C	3	Spalling, Corresion	Cracking or Chi	pping 🗌 Peel	ng Paint		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Outfall Damage		]	Spalling,	Spalling, Cracking or Chipping Peeling Paint		ng Paint				
Deposits/Stains		]	□ Oily □	Flow Line	Paint Other:					
Abnormal Vegetation			☐ Excessive	☐ Inhibited		N-M				
Poor pool quality		1	Odors Suds	Colors Excessive		il Sheen ther:				
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ C	ther:				
ection 6: Overall	Outfall Ch	aracteriza	ion							
Unlikely				itors)	Suspect (one or i	nore indicators	with a severity	of3) 🔲 Obvious		
ection 7: Data Co	ollection				a time					
I. Sample for the lab	?		Yes	ŪN₀						
2. If yes, collected fro	om:		Flow	Pool						
				No			Caulk dam			



210011420122		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D S2M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45,989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D SOM 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S
					77 5 55111 2010375





MS4 Discharge ID 16 Co. Rd. 66 #2



MS4 Discharge ID 16 Co. Rd. 66

Section 1: Background Data

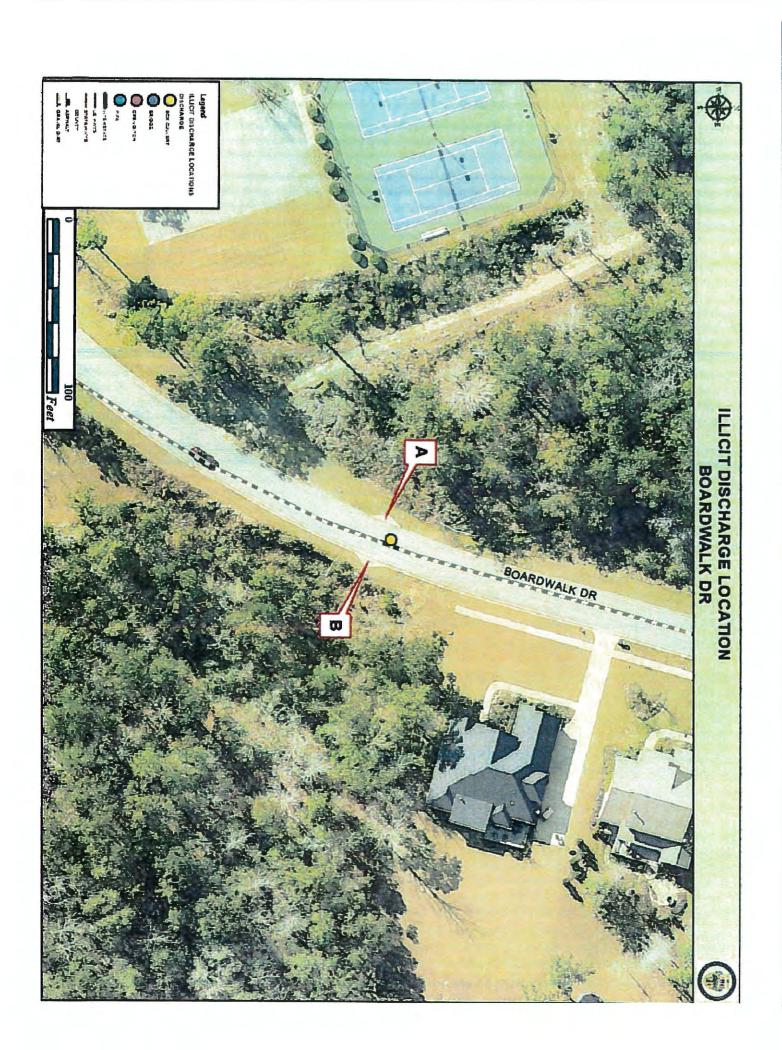
Subwatershed:		Outfall ID: 16		
Today's date: 3-6-15		Time (Military): 14:10		
Investigators: Terem Howe	U		com Hoberle	
Temperature (°F): 50	Rainfall (in.): Last 24 hours:	Last 48 hours:	- Constant	
Latitutde: 300 37m 32.6985 Lo	ngitude: 870 46m 48,2309	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 5+ %		
Land Use in Drainage Area (Check all that ap)	oly):		· · · · · · · · · · · · · · · · · · ·	
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g.,, origin of outfall, if known):				

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	□ RCP □ CMP □ PVC □ HDPE □ Steel □ Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Triple ☐ Box ☐ Triple ☐ Other: ☐ Other: ☐	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
□ Open dralnage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	☑ Yes ———————————————————————————————————	If No, Skip to Section 5		
Flow Description (If present)	Trickle   Moderate	e Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PARAMETER		RESULT	UNIT	EQUIPMENT
	Flow depth		ln .	Tape measure
□Flow	Flow width		Ft, In	Tape measure
	Measured length	j ts	Ft, In	Tape measure
	Time of travel		S	Stop watch
1	'emperature		°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

INDICATOR	CHECK if Present		DESCRIPTION RELATIVE SEVERITY INDEX					(1-3)
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/sour ☐ Petrol ☐ Other:	eum/gas	☐ 1 – Faint		2 - Easily detected	3 - Noticeable from a distance
Color	Ø	☐ Clear ☐ Green	☐ Gray ☐ Yellow ☐ 1 — Faint co ☐ Orange ☐ Red ☐ Other: sample bo				2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity			See severity	у	☐ 1 - Slight c	oudiness	2 - Cloudy	☐ 3 — Opaque
Floatables -Does Not Include Trashii	0		cwage (Toilet Paper, etc.) Suds			ht; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
INDICATOR Outfall Damage	CHECK If				eeling Paint		COMMEN	TS .
Outfall Damage			☐ Spalling, Cracking or C ☐ Corrosion	Chipping P	eeling Paint			
Deposits/Stains			Oily Flow Line	☐ Paint ☐ Oth	er:			
Abnormal Vegetation			☐ Excessive ☐ Inhibite	d				
Poor pool quality	0		Odors Colors Suds Excessive	Floatables	Oil Sheen Other:			
7 dos poor quanty		- 1 1						*
Pipe benthic growth			☐ Brown ☐ Orange	☐ Green ☐	Other:			
Pipe benthic growth				☐ Green [	Other:			
Pipe benthic growth	Outfall Chai	racterizatio	on		Other:	a severity	of 3) 🔲 Obvious	
Pipe benthic growth  ection 6: Overall  Unlikely	Outfall Char Potential (prese	racterizatio	on			a severity	of 3)	
Pipe benthic growth  ection 6: Overall Unlikely	Outfall Char Potential (prese	racterizatio	on more indicators)			a severity	of 3)	V
ection 6: Overall Unlikely	Outfall Char Potential (prese	racterization	on	Suspect (one o		a severity	of 3)	

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE 1-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.6955
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.5129
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.0419
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.3529
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.0199
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.0175
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D SSM 56.4139
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 1S	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 17-Boardwalk Dr. (2)



MS4 Discharge ID 17-Boardwalk Dr.

Section 1: Background Data

Subwatershed: HOBILE / MUL	DAY BR.	Outfall ID:			
Today's date: 3/9/15		Time (Military): 1100			
Investigation.	D. THIN BATT	From completed by	J. MOCKEY		
Temperature (°F): 56	Rainfall (in.): Last 24 hours	****			
Latitutde: 30° 12' 55. 314	Longitude: 87'53' 40.18	GPS Unit:	GPS LMK #:		
Camera:		Photo #s: 5,4			
Land Use in Dminage Area (Check a	il that apply):				
☐ Industrial		☐ Open Space			
Ultra-Urban Residential		☐ Institutional Other:			
Suburban Residential					
Commercial		Known Industries:			
Notes (e.g, origin of outfall, if know	n): 1' R.O. Box Cuwert				
Section 2: Outfall Descri					
LOCATION	ATEDIAL	HADE	DIMENSIONS /TN 1	CHRMEDGE	

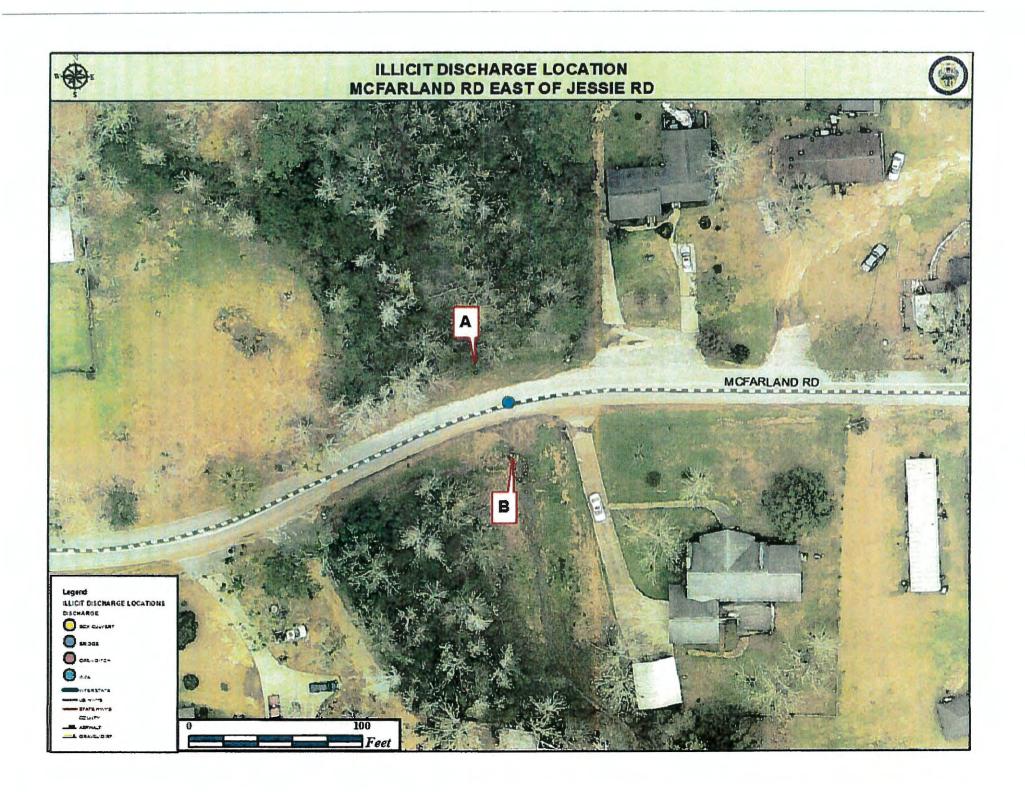
LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Single ☐ Eliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	Yes No	If No, Skip to Section 5		
Flow Description (If present)	Trickle   Modera	te 🗍 Substantial		

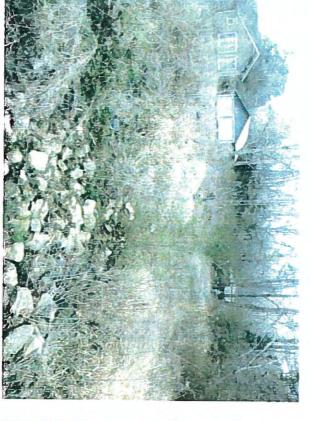
		FIELD DATA FOR FLOWIN	G OUTFALLS	
P/	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth	6	ln .	Tape measure
□Flow	Flow width	6' "	Ft, In	Tape measure
L tow	Measured length	10'	Ft, In	Tape measure
	Time of travel	45 10	S	Stop watch
1	l'emperature		°F	Thermometer
рН			pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

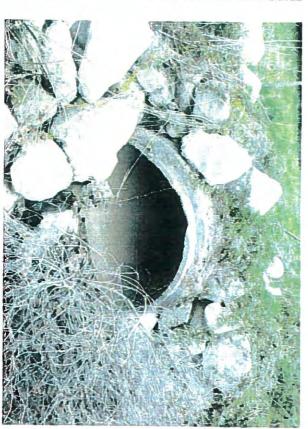
### MS4 Outfall Inspection Form

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? Yes (If No, Skip to Section 5) CHECK If INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3)** Present ☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ 3 - Noticeable from a Ordor ☐ 1 - Faint 2 - Easily detected ☐ Sulfide Other: distance ☐ Clear [] Brown ☐ Gnav ☐ Yellow 1 - Faint colors in 2 - Clearly visible in 3 - Clearly visible in ₫ Color sample bottle ☐ Green Orange ☐ Red Other: sample bottle outfall flow Ø Turbidity See severity ☐ 1 - Slight cloudiness 2 - Cloudy ☐ 3 ~ Opaque 2 - Some; indications 3 - Same; origin clear Flootablex Sewage (Toilet Paper, etc.) Suds ☐ I - Few/slight, origin of origin (e.g., -Does Not Include (e.g., obvious oil Petroleum (oil sheen) not obvious Other: possible suds or oil Trashii sheen, suds, or floating sheen) sunitary materials) Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Yes No (If No. Skip to Section 6) INDICATOR CHECK if Present DESCRIPTION COMMENTS B Spalling, Cracking or Chipping . Pecling Paint Outfall Damage Corrosion Deposits/Stains Oily Flow Line Paint Other: Abnormal Vegetation ☐ Excessive ☐ Inhibited Odors Culora ☐ Floatables Oil Sheen Poor pool quality Suds Excessive Algae Other: Ø Pipe benthic growth ☐ Brown Green Orange Other: Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) ☐ Unlikely Suspect (one or more indicators with a severity of 3) ☐ Obvious Section 7: Data Collection 1. Sample for the lab? ☐ Yes ☑ No 2. If yes, collected from: ☐ Flow Pool ₩<sub>o</sub> Intermittent flow trap set? Yes Yes If Yes, type: OBM Caulk dam

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.8335
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.8755
PIPE	. 3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.5125
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR		30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8,725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32,698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45,989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
SOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S







Subwatershed: 1000160   BAY OF.			Outfall ID: 18			
Today's date: 3/9/13			Time (Military):	1045		
Investigators	Y. D. THA	'an TT	Form completed by:	W. MAGKEY		
Temperature (°F):	,	Rainfall (in.): Last 24 hours:	Last 48 hours:			
Latitutde: 50 10 15.989	Longitu	ie: 87° 19° 20 671	GPS Unit:	GPS LMK #:		
Camera:						
Land Use in Drainage Area (Checo Industrial  Ultra-Urban Residential  Suburban Residential  Commercial	an un appay).		☐ Open Space ☐ Institutional Other: Known Industries:			
Notes (e.g, origin of outfall, if kn	- RIERA	W CHACE				
ection 2: Outfall Desc	ription					

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	PVC HDPE Steel	Circular Single  Eliptical Double  Box Triple  Other: Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
□ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth:  Top Width:  Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	☐ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Modern	te 🔲 Substantial		

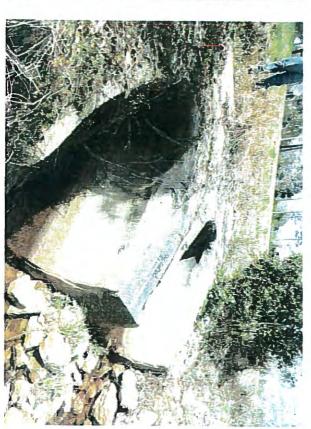
		FIELD DATA FOR FLOWIN	G OUTFALLS		
P/	ARAMETER	RESULT	TINU	EQUIPMENT	
	Flow depth		ln .	Tape measure	
	Flow width		Ft, In	Tape measure	
Flow	Measured length		Ft, In	Tape measure	
	Time of travel		S	Stop watch	
1	l'emperature		°F	Thermometer	
pH			pH Units	Test strip/Probe	
Ammonia			mg/L	Test strip	

Section 4: Physical Indicators for Flowing Outfalls Only Are Any Physical Indicators Present in the flow? 

Yes (If No. Skip to Section 5) CHECK If INDICATOR DESCRIPTION **RELATIVE SEVERITY INDEX (1-3)** Present ☐ Rancid/sour ☐ Petroleum/gas ☐ Sewage 3 - Noticeable from a 1 - Faint 2 - Easily detected Odor distance Sulfide Other: ☐ Gray Yellow Clear ☐ Brown ☐ 1 — Faint colors in. 2 - Clearly visible in ☐ 3 - Clearly visible in Color sample bottle sample bottle outfall flow ☐ Green Orange Red Red Olher: 3 - Opaque See severity □ 1 - Slight cloudiness 2 - Cloudy Turbidity 2 - Some; indications 3 - Some; origin clear Flootables Sewage (Toilet Paper, etc.) ☐ Suds 1 - Few/slight, origin (e.g., obvious oil of origin (e.g., -Does Not Include possible suds or oil not obvious sheen, suds, or floating Petroleum (oil sheen) Other: Trasbil sheen) sanitary materials) Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Yes No (If No. Skip to Section 6) COMMENTS INDICATOR **CHECK if Present** DESCRIPTION Pecling Paint Spalling, Crecking or Chipping . Outfall Damage Corresion d Deposits/Stains Oily Flow Line Paint Other: ☐ Excessive ☐ Inhibited Abnormal Vegetation Odors ☐ Floatables Oil Sheen Colors Poor pool quality Suda 🔲 Excessive Algae Other: ď Orange Green Other: ☐ Brown Pipe benthic growth Section 6: Overall Outfall Characterization Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) ☐ Obvious Unlikely Section 7: Data Collection I No Yes 1. Sample for the lab? Flow Pool 2. If yes, collected from: Ø No If Yes, type: OBM ☐ Caulk dam 3. Intermittent flow trap set? Yes

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.B75S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.3745	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.6265	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.0955	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





Section 1: Background Data

Subwatershed:		Outfall ID: 19		
Today's date: 3-6-2018		Time (Military): /3/26		
Investigators: Secrety How	1(	Form completed by: Jereny	Adver 1	
Temperature (°F): 50	Rainfall (in.): Last 24 hours:	Last 48 hours:	77.50	
Latitutde: 30041m 7695	Longitude: 870 51m 9,7285	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 1 + 2-		
Land Use in Drainage Area (Check all th	at apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g., origin of outfall, if known):				

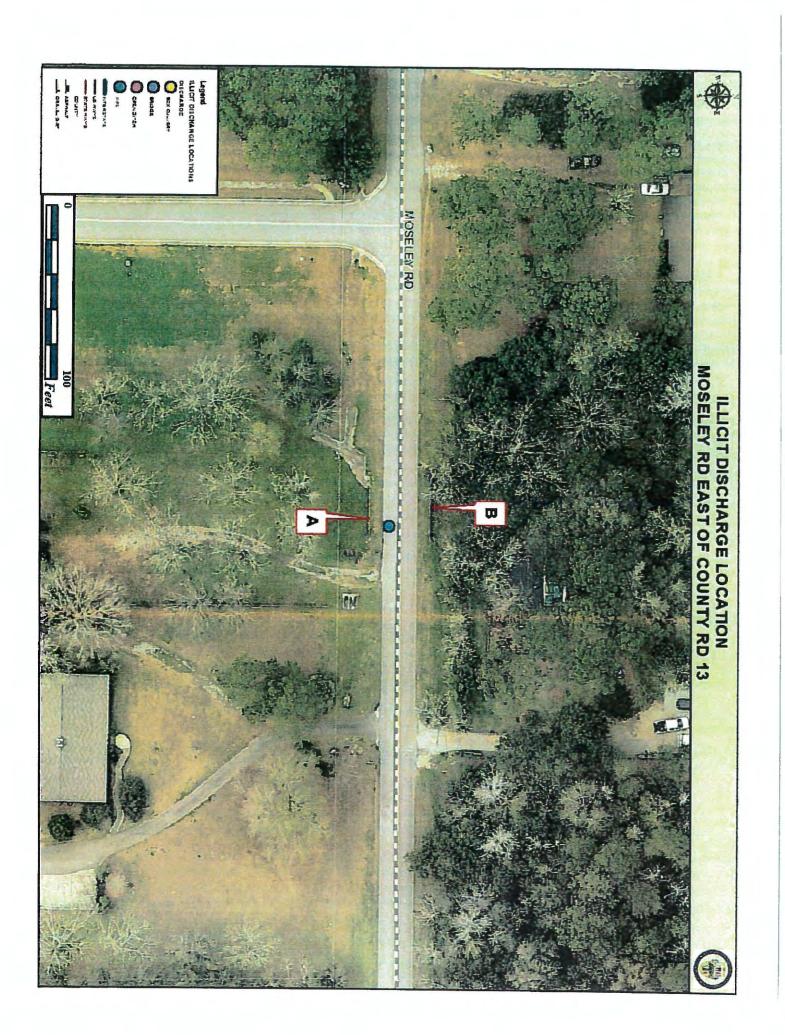
Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	RCP CMP PVC HDPE Steel	Circular Single Double Box Triple Other: Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment:  No Partially Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	☑ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☑ Trickle ☐ Moderate	e □ Substantial		

		FIELD DATA FOR FLOWIN	IG OUTFALLS				
P	ARAMETER	RESULT	UNIT	EQUIPMENT			
	Flow depth	1'1/2	In	Tape measure			
Flow	Flow width	16. 0"	Ft, In	Tape measure			
Jriow	Measured length	Measured length	Measured length 46 "	16. 0 "	Ft, In	Tape measure	
	Time of travel	16	S	Stop watch			
1	l'emperature		°F	Thermometer			
рН			pH Units	Test strip/Probe			
	Ammonia		mg/L	Test strip			

INDICATOR	CHECK If Present		DES	CRIPTIO	N		- ياك	RE	ELATIVE SEVERITY INDEX	(1-3)
Odor	٥	☐ Sewage	☐ Rancid/sour ☐ Petroleum/gas ☐ I			☐ 1 Faint		2 - Easily detected	3 - Noticeable from a distance	
Color	0	Clear Green				☐ 1 — Faint c		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity			Se	e severity			☐ 1 - Slight o	cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!				Suds Other;		☐ 1 — Few/slight, origin not obvious			2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Outfall Damage			Spalling, Crac	king or Chi	nipping 🔲	Peeling Paint				
INDICATOR	CHECK IF		DESCRIPTION  Spalling, Cracking or Chipping Peeling Paint		-	COMMENT	rs			
			☐ Corrosion							
Deposits/Stains			Oily Flow		Paint	Other:				
Abnormal Vegetation			☐ Excessive ☐	Inhibited						
Poor pool quality				Colors Excessive	☐ Floatables Algae	oil Sheen Other:				
Pipe benthic growth			☐ Brown ☐	Orange	☐ Green	Other:				
	~									
ection 6: Overall	Outtall Cha	racterizat	ion							
Unlikely	Potential (pres	ence of two	or more indicators	) [	Suspect (on	ne or more in	dicators with	a severity	of 3) Dovious	
ection 7: Data Co	llection									
1. Sample for the lab?			☐ Yes [	□ No						
<ol><li>If yes, collected from</li></ol>	n:		] Flow	Pool						

		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.695S
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.9325	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK, NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56,187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.6985	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.6745
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42,566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D SSM 18.894S





MS4 Discharge ID 20 Moseley Rd. #2



MS4 Discharge ID 20 Moseley Rd.

### Section 1: Background Data

Subwatershed:		Outfall ID: ZO		
Today's date: 5 9 - 2015		Time (Military): 17)	10	
Investigators: Mike Sharp		Form completed by:		
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 300 32 m 17 5465   Longitude: 870 51m 47, 2525		GPS Unit:	GPS LMK #:	
Camera:		Photo #s:		
Land Use in Drainage Area (Check all th	at apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g., origin of outfall, if known):		MIOWII INDUSTRIES:		

### Section 2: Outfall Description

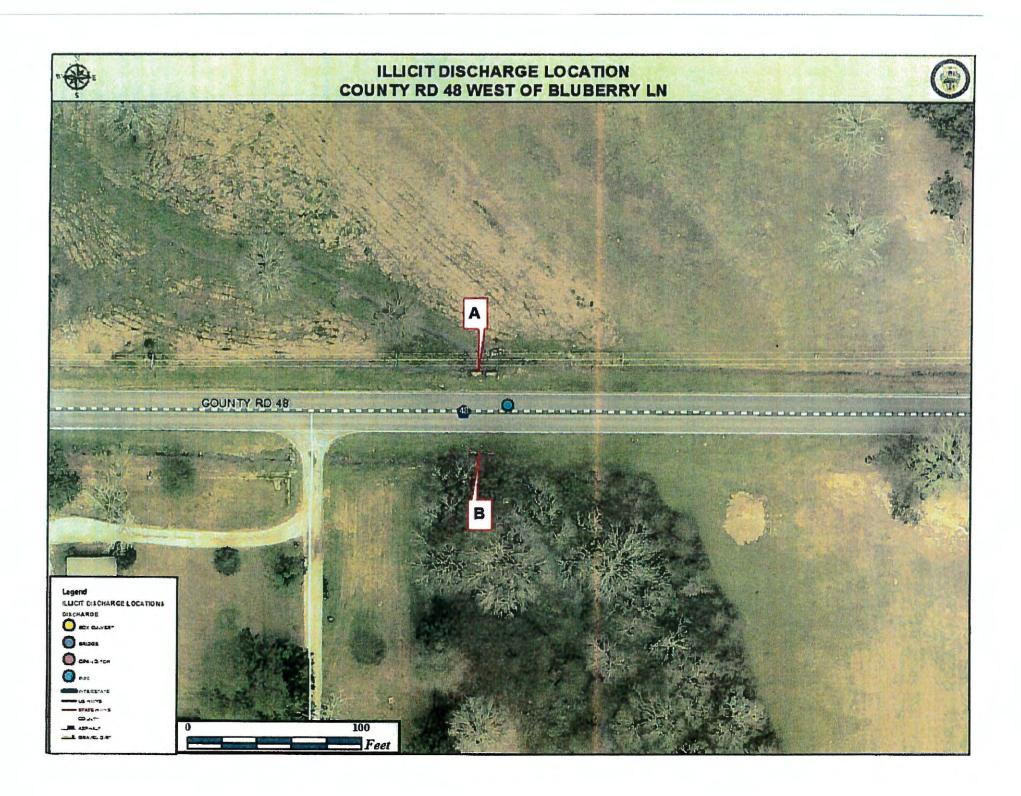
LOCATION	MATERIAL		HAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	PVC HDPE Steel	☐ Circular (1) ☐ Eliptical (3) ☐ Box ☐ Other:	Double Triple	Diameter/Dimensions:  EX 40x 27 CMP  17" Found Stee  40x27 RCP	
☐ Open drainage	Concrete  Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)			
Flow Present?	☐ Yes ☐ Ki	If No,	Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Modern	te Substantial			

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
PA	ARAMETER	RESULT	UNIT	EQUIPMENT
	Flow depth		ln	Tape measure
_	Flow width	"	Ft, In	Tape measure
Flow	Measured length	, n	Ft, In	Tape measure
	Time of travel		S	Stop watch
1	Cemperature		°F	Thermometer
На			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

INDICATOR	CHECK if Present		DE	SCRIPTION				RE	RELATIVE SEVERITY INDEX (1-3)		
Odor		☐ Sewage ☐ Sulfide	☐ Rancid/sour ☐ Petroleum/gas ☐ Other:				□ 1 – Faint		2 – Easily detected	3 - Noticeable from a distance	
Color	0	☐ Clear ☐ Green	☐ Brown         ☐ Gray         ☐ Yellow           ☐ Orange         ☐ Red         ☐ Other:				] 1 – Faint co sample be		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity				See severity			1 – Slight c	loudiness	2 - Cloudy	☐ 3 — Opaque	
Floatables -Does Not Include Trash!!		☐ Sewage (T	oilet Paper, etc.) (oil sheen)	Suds Other:			] 1 — Few/slip ot obvious	ght; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	
INDICATOR Outfall Damage	CHECK IF		DESCRIPTION  Spalling, Cracking or Chipping Peeling Pa						COMMEN	rs	
			Corrosion								
Deposits/Stains				w Line	Paint 🔲	Other:					
Abnormal Vegetation			☐ Excessive [	Inhibited				1			
Poor pool quality				Colors Excessive A	☐ Floatables	Oil Sheen Other:					
				3.2				+	* * · · · · · · · · · · · · · · · · · ·		
Pipe benthic growth			☐ Brown ☐	Orange	, Green	Other:					
Pipe benihic growth		racterizatio	on			Other:	cators with	a severity	of3) 🗌 Obvious		
Pipe benihic growth ection 6: Overall Unlikely	Outfall Cha	racterizatio	on				cators with	a severity	of 3) 🔲 Obvious		
Pipe benihic growth ection 6: Overall Unlikely	Outfall Cha Potential (pres	racterizatio	on				cators with	a severity	of3) 🗌 Obvious		
Pipe benihic growth ection 6: Overall Unlikely	Outfall Cha Potential (pres	racterization	on r more indicato	ors) 🗌			cators with	a severity	of 3) Obvious		



		OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.8335
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.6955
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.8745
BRIDGE		TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.5125
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M S5.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 15	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.18S
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D SOM 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





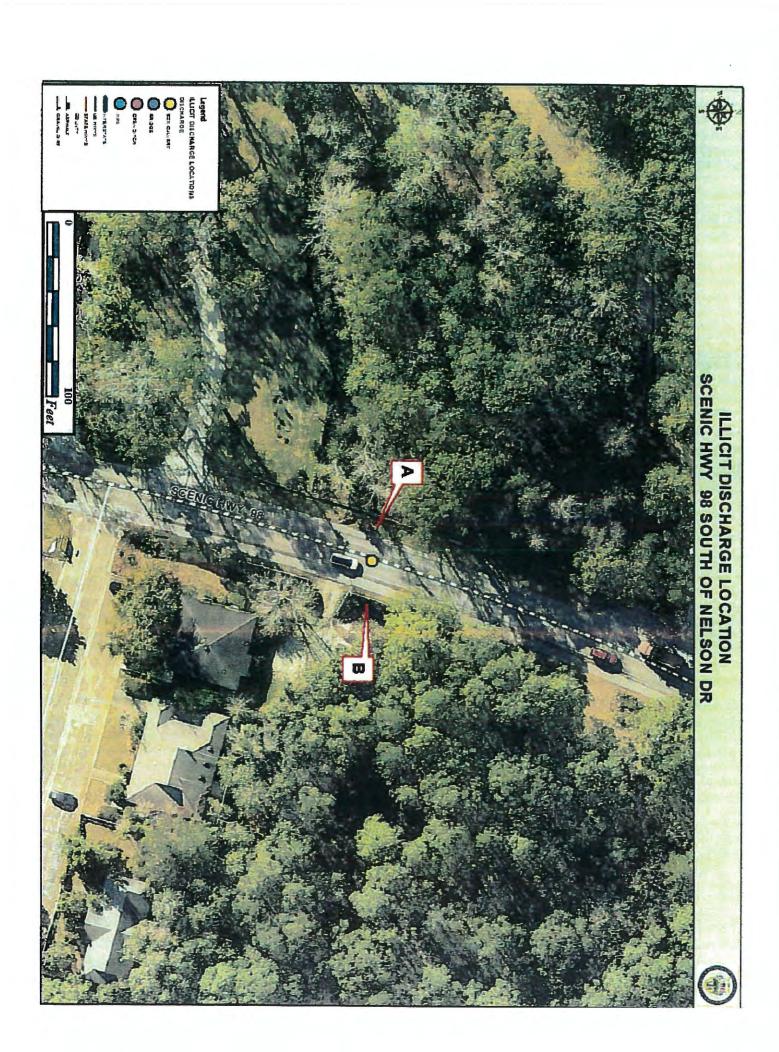


Subwatershed:			Outfull ID:	21			
Today's date: 3 -	9-2015		Time (Military	11			
Investigators: mil	e Sharo		Form complete	- 17	well		
Temperature (°F):	Rain	fall (in.): Last 24 hours:	Last 48 ho				
Latitutde: 30031	m 25.0955 Longitude:	8700m4256	GPS Unit:	G	PS LMK #:		
Сатета:			Photo #s:	5+16			
Land Use in Drainage	Area (Check all that apply):						
☐ Industrial			Open Space	•			
Ultra-Urban Reside	ential		☐ Institutional	1			
Suburban Resident	ial		Other:				
☐ Commercial				ies:			
Notes (e.g, origin of o	all Description						
LOCATION	MATERIAL	SH	APE	PE DIMENSIONS (IN.)			
Closed Pipe	PVC HDPE Steel Other:	Eliptical  Box  Other:	Single Double Triple	Diameter/Dimension			
Concrete  Earthen  Parabolic  rip-rap  Other:				Depth: Top Width: Bottom Width:	-		
In-Stream	(applicable when collecting samples)						
Flow Present?	Yes No	If No, Sk	ip to Section 5				
Flow Description If present)	☐ Trickle ☐ Modera	te 🗌 Substantial					
Section 3: Quar	ntitative Characteriz	ation					
		FIELD DATA FOR F	LOWING OUTFA	LLS			
	METER	PESILIT		HNTT	FOUTPMENT		

		FIELD DATA FOR FLOWIN	G OUTFALLS		
P/	ARAMETER	RESULT	UNIT	EQUIPMENT	
	Flow depth		ln	Tape measure	
	Flow width _	, , , ,	Ft, In	Tape measure	
Flow	Measured length _	, ,	Ft, In	Tape measure	
	Time of travel		S	Stop watch	
Temperature			°F	Thermometer	
рН			pH Units	Test strip/Probe	
Ammonia			mg/L	Test strip	

Sulfide   Other:	INDICATOR	CHECK if Present		DESCRIPTION				RE	LATIVE SEVERITY INDEX	(1-3)
Color   Green   Orange   Red   Other:   Sample bottle   Sample	Odor						☐ 1 Faint	****	2 - Easily detected	3 - Noticeable from a distance
Floatables   Sewage (Toilet Paper, etc.)   Suds   1 - Few/slight; origin of origin (e.g., possible suds or oil sheen)   Other:     1 - Few/slight; origin of origin (e.g., possible suds or oil sheen)   Other:     1 - Few/slight; origin of origin (e.g., possible suds or oil sheen)   Other:     1 - Few/slight; origin of origin (e.g., possible suds or oil sheen)   Other:       Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:     Other:       Other:       Other:	Color								3 – Clearly visible in outfall flow	
Does Not Include   Petroleum (oil sheen)   Other:   Oth	Turbidity				See severity		☐ 1 – Slight cl	oudiness	2 - Cloudy	☐ 3 – Opaque
Are physical indicators that are not related to flow present?   Yes   No   (If No, Skip to Section 6)  INDICATOR CHECK if Present   DESCRIPTION   COMMENTS  Outfall Damage   Spalling, Cracking or Chipping   Peeling Paint   Deposits/Stains   Oily   Flow Line   Paint   Other:  Abnormal Vegetation   Sexessive   Inhibited   Poor pool quality   Odors   Suds   Excessive Algae   Other:  Pipe benthic growth   Brown   Orange   Green   Other:  Section 6: Overall Outfall Characterization  Unlikely   Potential (presence of two or more indicators)   Suspect (one or more indicators with a severity of 3)   Obvious  Section 7: Data Collection  1. Sample for the lab?   Yes   No	-Does Not Include							ht; origin	of origin (e.g., possible suds or oil	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)
Deposits/Stains	INDICATOR	CHECK IF	Present	esent DESCRIPTION				j.	COMMEN	TS .
Deposits/Stains	Outfall Damage	С		Spalting, Cracking or Chipping . Peelin		ng Paint				
Poor pool quality	Deposits/Stains			Oily [	Flow Line	Paint Other:				
Pipe benthic growth	Abnormal Vegetation			☐ Excessive	☐ Inhibited	1				
ection 6: Overall Outfall Characterization  Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious  ection 7: Data Collection  Sample for the lab? Yes No	Poor pool quality	0								
Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious  ection 7: Data Collection  1. Sample for the lab? Yes No	Pipe benthic growth			☐ Brown	Orange	, Green G	her:			
Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious Section 7: Data Collection  1. Sample for the lab? Yes No	ention & Overall (	Jutfall Cha	ua ataulaa							The state of the s
ection 7: Data Collection  1. Sample for the lab?						10				
1. Sample for the lab?		otentiai (pres	ence of two	or more indic	ators) L	Suspect (one or r	ore indicators with	a severity	of 3) Dovious	
1. Sample for the lab?	ection 7: Data Col	lection								
2. If yes, collected from:				Yes	□No					
THE PARTY OF THE P	2. If yes, collected from	:		Flow	Pool					

	1	OUTFALL INVENTORY SCHEDULE			
DISCHARGE TYPE	DISCHARGE ID	LOCATION	BASIN	LATITUDE	LONGITUDE
PIPE	1	THREE MILE CREEK RD TURNS NORTH BEFORE I-10	MOBILE/FISH RIVER	30D 39M 9.164S	87D 47M 30.833S
BOX CULVERT	2	CR 64 - CORN BR. EAST OF HALL RD	MOBILE/CORN BRANCH	30D 47M 5.895S	87D 47M7.875S
PIPE	3	GREENO LN JUST EAST OF INGLESIDE AVE	MOBILE/COWPEN CREEK	30D 30M 39.672	87D 53M 24.951S
OPEN DITCH	4	WASP LN-WHERE IT DUMPS INTO POND	MOBILE/POINT CLEAR CREEK	30D 28M 26.261S	87D 54M 38.997S
PIPE	5	BOOTHE RD-BETWEEN LAKE VIEW & NORMAN LN	MOBILE/COWPEN CREEK	30D 30M 16.002S	87D 52M 39.6955
BOX CULVERT	6	JIMMY FAULKNER RD- NORTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 6.693S	87D 51M 5.611S
BRIDGE	7	SCENIC 98-ROCK CRK. SOUTH OF ECOR ROUGE LN	MOBILE/ROCK CREEK	30D 33M 27.932S	87D 53M 58.874S
BRIDGE	8	TURKEY BRANCH-TURKEY BRANCH DR	MOBILE/TURKEY BRANCH	30D 38M 33.83S	87D 50M 3.536S
BOX CULVERT	9	SCENIC 98-RED GULLY SOUTH OF N WINDING BROOK DR	MOBILE/RED GULLEY	30D 34M 42.480S	87D 54M 17.512S
BRIDGE	10	SCENIC 98-FLY CRK. SOUTH OF SEA CLIFF DR	MOBILE/FLY CREEK	30D 33M 4.416	87D 53M 55.041S
BOX CULVERT	11	CR 44-COWPEN CRK. WEST OF FAIRFIELD DR	MOBILE/COWPEN CREEK	30D 30M 6.374S	87D 52M 19.352S
BOX CULVERT	12	BR. OFF POINT CLEAR CR. WILLOWBRIDGE DR	MOBILE/POINT CLEAR CREEK	30D 28M 58.419S	87D 54M 29.019S
BRIDGE	13	CR 3 BAILEY CRK SOUTH OF COUNTY RD 32	MOBILE/BAILEY CREEK	30D 28M 14.797S	87D 54M 11.017S
BRIDGE	14	SCENIC 98-POINT CLEAR CRK. NORTH OF LAKEWOOD DR	MOBILE/POINT CLEAR CREEK	30D 29M 8.725S	87D 55M 56.413S
PIPE	15	COUNTY RD 66 EAST OF BOAZ RD E	MOBILE/CORN BRANCH	30D 37M 32.626S	87D 46M 56.187S
PIPE	16	COUNTY RD 66 EAST OF BOAZ RD E EAST OF DISCHARGE 1S	MOBILE/CORN BRANCH	30D 37M 32.698S	87D 46M 48.239S
BOX CULVERT	17	BOARDWALK DR	MOBILE/MUDDY BRANCH	30D 42M 55.314S	87D 53M 40.185
PIPE	18	MCFARLAND RD EAST OF JESSIE RD	MOBILE/BAY BRANCH	30D 40M 45.989S	87D 49M 20.674S
PIPE	19	JIMMY FAULKNER RD SOUTH OF PLAZA DE TOROS DR	MOBILE/SIBLEY CREEK	30D 41M 0.769S	87D 51M 9.728S
PIPE	20	MOSELEY RD EAST OF COUNTY RD 13	MOBILE/FLY CREEK	30D 32M 17.546S	87D 51M 47.752S
PIPE	21	COUNTY RD 48 WEST OF BLUEBERRY LN	MOBILE/FISH RIVER	30D 31M 25.095S	87D 50M 42.566S
BOX CULVERT	22	SCENIC HWY 98 SOUTH OF NELSON DR	MOBILE/TITI SWAMP	30D 30M 14.532S	87D 55M 18.894S





MS4 Discharge ID 22 Scenic 98 #2



MS4 Discharge ID 22 Scenic 98



Section 1: Background Data

Subwatershed:		Outfall ID: 22		
Today's date: 3-9-15		Time (Military): / O. 1)		
Investigators: Mile Sharp			com Hower	
Temperature (°F):	Rainfall (in.): Last 24 hours:	Last 48 hours:		
Latitutde: 30030m 145325	Longitude: 87055m B. 8945	GPS Unit:	GPS LMK #:	
Camera:		Photo #s: 9 + 10		
Land Use in Drainage Area (Check all that	apply):			
☐ Industrial		Open Space		
Ultra-Urban Residential		☐ Institutional		
Suburban Residential		Other:		
☐ Commercial		Known Industries:		
Notes (e.g., origin of outfall, if known):				

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	PVC HDPE Steel	☐ Circular ☐ Single ☐ Eliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions:	In Water:  No Partially Fully  With Sediment: No Partially Fully
☑ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	□ Trapezoid □ Parabolic □ Other: Box Culver+	Depth: 6  Top Width: 8  Bottom Width: 8	
☐ In-Stream	(applicable when collecting	samples)		
Flow Present?	☐ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderal	e Substantial		

# Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWIN	IG OUTFALLS		
P	ARAMETER	RESULT	UNIT	EQUIPMENT	
7	Flow depth	8"	ln .	Tape measure	
Flow	Flow width	4.0.	Ft, In	. Tape measure	
[NI LIOM	Measured length 10 ' D"		Ft, In	Tape measure	
	Time of travel	5	S	Stop watch	
Temperature pH			•F	Thermometer	
		pH	pH Units	Test strip/Probe	
Ammonia			mg/L	Test strip	

INDICATOR	CHECK if Present		DESCRIPTION				RELATIVE SEVERITY INDEX (1-3)			
Odor		Sewage	☐ Rancid/s	our Petroleu	m/gas	☐ 1 — Faint		2 - Easily detected	3 – Noticeable from a distance	
Color		☐ Clear ☐ Green	☐ Brown ☐ Orange	☐ Gray	☐ Yellow ☐Other:	1 - Fuint co		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity				See severity		☐ 1 – Slight c	oudiness	2 - Cloudy	☐ 3 — Opaque	
Floatables -Does Not Include Trashi!		Sewage (	Toilet Paper, etc.	) Suds		1 - Few/slig not obvious	ht; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some, origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	
INDICATOR	CHECK IF	Present		Yes No	DESCRIPTION			COMMEN	TS	
INDICATOR	CHECK IF	Present	,	( diameter )				COMMEN	TS	
INDICATOR Outfall Damage	CHECK if		Spalling,	Cracking or Ch	DESCRIPTION	eling Paint		СОММЕН	TS	
		1		Cracking or Ch	DESCRIPTION Popping P			СОММЕН	TS	
Outfall Damage		1		Cracking or Ch	DESCRIPTION  pping			СОММЕН	TS	
Outfall Damage Deposits/Stains	C	1	Oily 🗔	Cracking or Chi	DESCRIPTION  Ipping Period Oth  Floatables			СОММЕН	TS	
Outfull Damage Deposits/Stains Abnormal Vegetation	E	1	Oily Can	Cracking or Ch	pping Description  Paint Doth  Floatables Algae	or:		СОММЕН	TS	
Outfull Damage Deposits/Stains Abnormal Vegetation Poor pool quality Pipe benthic growth ection 6: Overall Unlikely	Outfall Cha	i i iracterizat	Oily Care Excessive Odors Suds	Cracking or Chi	DESCRIPTION  ipping □ Po  Paint □ Oth  □ Floatables □  Algae □  , □ Green □	or; ] Oil Sheen ] Other:	a severity		TS	
Outfull Damage Deposits/Stains Abnormal Vegetation Poor pool quality Pipe benthic growth ection 6: Overall Unlikely Data Co	Outfall Cha	racterizat	Oily Care Excessive Odors Suds Suds The Brown  Or more indicate	Cracking or Chi Flow Line  Inhibited Colors Excessive Orange	DESCRIPTION  ipping □ Po  Paint □ Oth  □ Floatables □  Algae □  , □ Green □	Oil Sheen Other:	a severity		TS	
Outfull Damage Deposits/Stains Abnormal Vegetation Poor pool quality Pipe benthic growth ection 6: Overall Unlikely	Outfall Cha	racterizat	Oily Care Excessive Odors Suds	Cracking or Chi	DESCRIPTION  ipping □ Po  Paint □ Oth  □ Floatables □  Algae □  , □ Green □	Oil Sheen Other:	a severity		TS	

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

### OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Subwatershed:				Outfall ID:					
Foday's date:				Time (Military):					
nvestigators:				Form completed b	у:				
Temperature (°F):		Rainfall (in.):	Last 24 hour	s: Last 48 hours	8				
Latitude:	Longi	tude:		GPS Unit:	GPS Unit: GPS LMK #:				
Сатега:				Photo #s:					
Land Use in Drainag	ge Area (Check all that apply	):							
☐ Industrial				Open Space					
Ultra-Urban Resi	idential			☐ Institutional					
Suburban Reside	ntial			Other:					
☐ Commercial				Known Industries					
Notes (e.g., origin o	foutfall if known):								
ection 2: Outfal	ll Description								
LOCATION	MATERIAL			SHAPE	DIMENSIONS (IN.)	SUBMERGED			
	□ RCP □ C	CMP Cir	cular	☐ Single	Diameter/Dimensions:	In Water:			
	□PVC □1	IDPE   Elij	ptical	☐ Double		☐ No ☐ Partially			
Closed Pipe	☐ Steel	Box	x	☐ Triple		Fully			
	Other:		ner	Other:		With Sediment:			
	- Omai.	_				Partially Fully			
	Concrete					L ruly			
		☐ Tra	ipezoid		Depth:				
Open drainage	☐ Earthen	☐ Par	☐ Parabolic		Top Width:				
	□ гір-гар	□ Oti	her:		Bottom Width:				
	Other:		1117-0-1-02						
☐ In-Stream	(applicable when co	llecting sample:	s)						
Flow Present?	☐ Yes	□No	If No.	Skip to Section 5					
Flow Description (If present)	☐ Trickle ☐ [	Moderate	Substantial						
Section 3: Quan	titative Characterizat								
		FIEL		R FLOWING OUTFAL					
PAI	RAMETER		RESULT			EQUIPMENT			
□Flow#1	Volume				Liter	Bottle			
	Time to fill				Sec				
1	Flow depth				ln	Tape measure			
□Flow #2	Flow width				Ft, In	Tape measure			
1	Measured length				Ft, In	Tape measure			
Time of travel					S Stop watch				
Те	emperature				°F Thermometer				
	pH				pH Units	Test strip/Probe			
	Ammonia			1	mg/I Test strin				

# **Outfall Reconnaissance Inventory Field Sheet**

INDICATOR	CHECK if Present		DESCRIPTION				RELATIVE SEVERITY INDEX (1-3)			
Odor		☐ Sewage				☐ 1 — Faint		2 – Easily detected	3 - Noticeable from a distance	
Color		☐ Clear ☐ Green				☐ ! — Faint cold sample both		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity				See severity		☐ 1 – Slight clo	udiness	2 - Cloudy	☐ 3 – Opaque	
Floatables -Does Not Include Trash!!		200	(Toilet Paper, etc m (oil sheen)	Suds Other:		1 - Few/sligh	it; origin	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)	
INDICATOR	CHECK if				DESCRIPTION			COMMENT	'S	
Outfall Damage			Spalling, Corrosion	Cracking or Chip	pping	aint				
Deposits/Stains					Paint					
Abnormal Vegetation			☐ Excessive	☐ Inhibited						
Poor pool quality			Odors Suds	Colors Excessive A	☐ Floatables ☐ Oil S					
Pipe benthic growth			☐ Brown	Orange	☐ Green ☐ Othe					
ction 6: Overall Out	fall Characteri	zation								
_	Potential (pres	****	or more indica	torn)	Support (and on man	. I II		· co		
	otential (presi	siec of two	or more murea	(OIS)	Suspect (one or mor	indicators with a	severity	of 3) Obvious		
ction 7: Data Collect	ion									
Sample for the lab?			Yes	☐ No						
If yes, collected from:			Flow	Pool		-		24 . nr		
Intermittent flow trap	47		Yes	П №	If Yes type:	OBM Caul				

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

Section 1: Background Data

Subwatershed:			Outfall ID:				
Today's date:			Time (Military):				
Investigators:			Form completed b	py:			
Temperature (°F):	Raini	all (in.): Last 24 hou	rs: Last 48 hours	S:			
Latitutde:	Longitude:		GPS Unit:	GPS Unit: GPS LMK #:			
Camera:			Photo #s:				
Land Use in Drainage	Area (Check all that apply):						
☐ Industrial			Open Space				
Ultra-Urban Reside	ential		☐ Institutional				
☐ Suburban Residenti	ial		Other:				
☐ Commercial			Known Industries	s:			
rection z. Chitte							
	all Description		CHADE	DIMENSIONS (IN )	SUBMEDCE		
LOCATION	MATERIAL  RCP CMP  PVC HDPE  Steel Other:	Circular Eliptical Box Other:	SHAPE  Single Double Triple Other:	DIMENSIONS (IN.)  Diameter/Dimensions:	SUBMERGED  In Water:  No Partially Fully  With Sediment: No Partially Fully		
	MATERIAL  RCP CMP PVC HDPE Steel	☐ Circular ☐ Eliptical ☐ Box	☐ Single ☐ Double ☐ Triple		In Water: No Partially Fully With Sediment:		
LOCATION  Closed Pipe  Open drainage	MATERIAL  RCP CMP  PVC HDPE  Steel Other: Concrete Earthen rip-rap	☐ Circular ☐ Eliptical ☐ Box ☐ Other: ☐ Trapezoid ☐ Parabolic ☐ Other:	☐ Single ☐ Double ☐ Triple	Depth:	In Water:  No Partially Fully  With Sediment:		
LOCATION  Closed Pipe	MATERIAL  RCP CMP  PVC HDPE  Steel Other:	Circular  Eliptical  Box  Other:  Trapezoid  Parabolic  Other:  Samples)	☐ Single ☐ Double ☐ Triple	Depth:	In Water:  No Partially Fully  With Sediment:		

		FIELD DATA FOR FLOWIN	G OUTFALLS		
PA	RAMETER	RESULT	UNIT	EQUIPMENT	
	Flow depth		ln	Tape measure	
□Flow	Flow width	- r	Ft, In	Tape measure	
LIFIOW	Measured length	,	Fı, İn	Tape measure	
	Time of travel		S	Stop watch	
Temperature			°F	Thermometer	
	pH		pH Units	Test strip/Probe	
Aioinonia			mg/L	Test strip	

Odor Sulfide Other:	INDICATOR	CHECK if Present	DES	CRIPTION	1		RE	LATIVE SEVERITY INDEX	(1-3)
Color   Green   Orange   Red   Other:   Sample bottle   Sauds   Sauds   Sauds   Closers   Sauds   Closers   Sample bottle   Sauds   Sauds   Closers   Sample bottle   Sauds   Closers   Sauds   Closers   Sample bottle   Sauds   Closers   Sample bottle   Sauds   Closers   Sauds   Closers   Sauds   Closers   Sauds   Closers   Sauds   Closers   Sauds   Closers   Sauds	Офог				☐ 1 – Faint		2 – Easily detected	3 – Noticeable from a distance	
Sewage (Toilet Paper, etc.)   Suds     1 - Few/slight, origin   2 - Some, indications of Origin (e.g., obvious oil sheen)   3 - Some; origin (e.g., obvious oil sheen)   6 - Some; origin (e.g., obvious oil sheen   6 - Some; origin (e.g., obvious oil sheen)   7 - Some; origin (e.g., obvious oil sheen   6 - So	Color				-				3 - Clearly visible in outfall flow
Sowage (Tolet Paper, etc.)   Suds     1 - Few/slight, origin   not obvious   of origin (e.g., possible suds or oil sheen, suds, or fi sanitary material     1 - Few/slight, origin   not obvious   of origin (e.g., possible suds or oil sheen, suds, or fi sanitary material     1 - Few/slight, origin   not obvious     1 - Few/slight, origin   not obvious     1 - Few/slight, origin     1 - Few/slight, origin   not obvious     1 - Few/slight, origin       1 - Few/slight, origin         1 - Few/slight, origin	Turbidity		S	ee severity		☐ 1 — Slight o	loudiness	2 - Cloudy	3 – Opaque
re physical indicators that are not related to flow present?	-Does Not Include						ght: origin	of origin (e.g., possible suds or oil	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin, sanitary materials)
Abnormal Vegetation   Excessive   Inhibited   Poor pool quality   Odors   Colors   Floatables   Oil Sheen   Suds   Excessive Algae   Other:   Pipe benthic growth   Brown   Orange   Green   Other:	Outfall Damage		Spalling, Cra	cking or Chi	pping Peelin	Paint			
Deposits/Stains	Outfall Damage		Spalling, Cra	cking or Chi	pping Peelin	Paint			
Poor pool quality	Deposits/Stains		Oily Flow	w Line 🔲	Paint Other:				
Pipe benthic growth	Abnormal Vegetation		☐ Excessive ☐	Inhibited					
ection 6: Overall Outfall Characterization  Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious  ection 7: Data Collection  Sample for the lab? Yes No	Poor pool quality								
Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious  ection 7: Data Collection  Sample for the lab? Yes No	Pipe benthic growth		☐ Brown ☐	Orange	☐ Green ☐ Oth	er:			
. Sample for the lab?	Unlikely 🗌	Potential (pres		rs)	Suspect (one or mo	re indicators with	a severity	of 3) Dovious	
			TVes	□No					
. If yes, conceded from:	. Sample for the lab?								

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

# Illicit Discharge Inspection Form

**Purpose:** The purpose of this form is to document the observations made during an investigation of a potential non-storm water discharge into the County's MS4.

nspection Info	orm	ation							
nspection Type:							Date:		Complaint
Organization:									
Phone:			_ t-ma	11: <u></u>					
					e:				
Name(s) of others a									
Name:									
Name:									
Name: Weather Conditions								·	
Previous Rainfall: _						Sc	MILCE.		
		<del></del> '''	o.,						
Incident Locat	tion								
Stream:							titude:		, ,,
Address:						_ Long	gitude:		" "
Nearby Landmark							7 (. )		D
Property Type:			-						Residential
Primary Location:			:						
Secondary Location.						147	□ Naar Sto	rm Drain	
Secondary Locatio	711.								
Comments:									
<u>Observations</u>									
1. Upland Problem	m ind	icators							
		None		Dumping		□ Oil	/ Chemical		Sewage
		Wash Water		Suds		□ Ot	her:		
Comments:									
2. Stream Corrido	or Pro	blem Indicat	ors						
Odor		None		Sewage		□ 0i	/ Chemical		] Sour
-		Sulfide							
		Normal		Cloudy			/ Chemical		Suds
Appearance		-	_				-	_	
Appearance		Turbid		Other:					
.,		Turbid None	_	Other: Sewage					Algae
Appearance Floatables		None		Sewage		□ De	ad Fish		] Algae
.,		None Other:		Sewage		□ De	ead Fish		] Algae

3. Field Screening Data

# Illicit Discharge Inspection Form

Paran	neters		Results	Cor	nments		
1. T	Temperature	°C _					
2. p	θH	s.u.					
3. 0	Conductivity	μS/cm	_				
4. T	Total Dissolved Solids	mg/L _					
5. P	Potassium	mg/L _					
6. A	Аттопіа	mg/L _					
7. (	Chlorine	mg/L _			<u> </u>		
8. E	Coli	mg/L					
9. 7	Total Coliform	mg/L _					
10. F	Fluoride	mg/L _					
11. 5	Surfactants	mg/L					
12.	Detergents	mg/L _					
13. H	Hardness	mg/L _					
Comr	ments: (These results	will come from lab	oratory test	:)			
D-4-	ential Source of No	on Storm Water	r Discharge	е			
POTE							Makiala Mtaalii.
	anitan Cause	Captic System		C Oil / Chr	Ilia2 Icaide		
☐ Si	,	☐ Septic System		☐ Oil / Che			Vehicle Washing
□ S	onstruction Activity	☐ Industrial Act	t <b>iv</b> ity	☐ Building	Maintenan	ce 🗵	Drain Pipe
□ S	,	☐ Industrial Act	t <b>iv</b> ity	☐ Building	Maintenan	ce 🗵	Drain Pipe
□ S: □ C	onstruction Activity	☐ Industrial Act	t <b>iv</b> ity	☐ Building	Maintenan	ce 🗵	Drain Pipe
Si C N	ionstruction Activity Iatural Source	☐ Industrial Act	tivity	□ Building	Maintenand	ce 🗵	Drain Pipe
Si   C   N   Spec	construction Activity Intural Source	☐ Industrial Act	tivity	□ Building	Maintenand	ce 🗵	Drain Pipe
Since	ionstruction Activity Iatural Source	☐ Industrial Act	tivity	□ Building	Maintenand	ce 🗵	Drain Pipe
Signal Si	onstruction Activity latural Source ct Violator	☐ Industrial Act	tivity	□ Building	Maintenand	ce ⊠ Zip Co	Drain Pipe
Signal Si	construction Activity latural Source ct Violator	☐ Industrial Act ☐ Other:  County	tivity  Stat	□ Building	Maintenand	ce ⊠ Zip Co	Drain Pipe
Sides:sides:	ct Violator  Type:	☐ Industrial Act	tivity  Stat	□ Building	Maintenand	ce ⊠ Zip Co	Drain Pipe
Since	onstruction Activity latural Source  ct Violator  / Type:	Other:	tivity  Stat	□ Building	Maintenand	ce ⊠ Zip Co	Drain Pipe
Side Side Side Side Side Side Side Side	onstruction Activity latural Source  ct Violator  / Type:	☐ Industrial Act ☐ Other:  County Other: s are required.	Stat	□ Building	Maintenand	zip Co	Drain Pipe  de: Residentia
Since	ct Violator  Type:  V-up Actions  No follow-up actions  Notify Facility of No	☐ Industrial Act ☐ Other:  County Other: s are required. n-Storm Water Disc	Stat	Building  Building	Maintenand	Zip Co strial	Drain Pipe  de: Residentia
Since	Type:   No follow-up actions  Notify Facility of No Conduct Follow-up I	Other:  County Other:  s are required. n-Storm Water Disconvestigation	Stat	□ Building	Maintenand	Zip Co strial	Drain Pipe  de: Residentia
Since	Type:  No follow-up action Notify Facility of No Refer to County Dep	☐ Industrial Act ☐ Other:  County Other: s are required. n-Storm Water Disconvestigation partment	Stat	Building	☐ Indu	Zip Co strial Date:	Drain Pipe  de: Residentia
Since	Type:   Y-up Actions  No follow-up action: Notify Facility of No. Conduct Follow-up lefter to County Dep	Other:  County Other:  s are required. n-Storm Water Districted to the control of the	Stat	Building Building  Building	Indu	Zip Co strial  Date: Date:	de: Residentia
Since	Type:  No follow-up action Notify Facility of No Refer to County Dep	Other:  County Other:  s are required. n-Storm Water Districted to the control of the	Stat	Building	☐ Indu	Zip Co strial  Date: Date:	Drain Pipe  de: Residentia
Since	Type:   Y-up Actions  No follow-up action: Notify Facility of No. Conduct Follow-up lefter to County Dep	Other:  County Other:  s are required. n-Storm Water Disconvestigation partment 06	Stat	Building Building  Building	Indu	Zip Co strial  Date: Date: Date:	de: Residentia
Since	Type:   Type:   Type:   Type:   Type:   Todator   Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Todator  Type:   Type:   Todator  Type:   Type:   Type:	☐ Industrial Act ☐ Other:  County Other: s are required. n-Storm Water Disconvestigation partment 06 71 7-3557	Stat  Comm	Building  Building  Period  Yes  Yes  Yes  Yes	No   No   No   No   No   No   No   No	Zip Co strial  Date: Date: Date: Date: Date:	de: Residentia
Signature Signat	rup Actions No follow-up action Notify Facility of No Conduct Follow-up I Refer to County Dep EMA (251) 972-68 HWY (251) 937-03 Health DP (251) 947	☐ Industrial Act ☐ Other:  County Other: s are required. n-Storm Water Disconvestigation partment 06 71 7-3557	Stat  Comm	Building  Building  See:  Percial  Yes  Yes  Yes  Yes  Yes	No   No   No   No   No   No   No   No	Zip Co strial  Date: Date: Date: Date: Date: Date: Date:	de: Residentia
Signature Signat	ronstruction Activity latural Source  t Violator  Type:  rup Actions  No follow-up action Notify Facility of No Conduct Follow-up I Refer to County Dep EMA (251) 972-688 HWY (251) 937-03 Health DP (251) 947 Non-Storm Water D	☐ Industrial Act ☐ Other:  County Other: s are required. n-Storm Water Disconvestigation partment 06 71 7-3557	Stat  Comm	Building Building  Building  Se: Se: Se: Ses	No   No   No   No   No   No   No   No	Zip Co strial  Date: Date: Date: Date: Date: Date: Date:	de: Residentia

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Hazardous Materials

Activity Code Number: 503

Administered by: Operations Section

**Definition/Scope:** This process is used by Baldwin County Highway Department employee(s) for dealing with spills that may contain hazardous materials. Any dangerous good (solid, liquid or gas) that can harm people, other living organisms, property or the environment is considered a hazardous material.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

#### Objectives: LIFE SAFETY FIRST - I'M SAFE, YOU'RE SAFE, WE'RE SAFE

- If safe to do so, remove any victim(s) from the immediate vicinity of the spill, remembering that they are contaminated
- Consider evacuation

Please refer to the 1996 North American Emergency Response Guidebook

#### Implementation Plan: (for spills containing petroleum based products)

- Spill only less than 25 gallons, not in water notify supervisor, dyke product to prevent runoff and initiate clean up procedures
- Spill only in excess of 25 gallons or in water notify 911 and request EMA, notify supervisor, notify ADEM, dyke product to prevent runoff, and notify hazmat contractor for clean up
- Spill with injury call 911 and request EMS, Fire Department and EMA, notify supervisor to notify HR, dyke product to prevent runoff (quantities still apply)

#### Critical Information:

- On Scene Contact Name
- On Scene Contact Number
- Location –physical address, street, mile marker, direction (East, West etc.)
- City or County
- Road/Lane closures
- Type of material spilled

Please refer to the attached contractor contact list for cleanup contractors needed during spills.

Follow-up Plan: Actions shall be taken to minimize the spill location

#### Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department shall take immediate precautionary measures to ensure the spill is contained and the appropriate authorities have been notified.

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Sewer Detection

**Activity Code Number: 503** 

Administered by: Operations Section

**Definition/Scope:** This process is used by Baldwin County Highway Department employee(s) for dealing with detection of sewer leakage / spills.

**Customer:** The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

#### Objectives:

- County Employee performs routine site inspection
- The following parameters shall be looked for during the inspection:
   Grayish Turbidity, Odor, Floatables, Algae-growth and Bacterial growth.
- If any of the above are detected during the inspection, sanitary sewer or a failing septic system may be the root of the problem.
- The County shall immediately notify the Baldwin County Health Department at 251-947-3618.

#### Implementation Plan:

- In the event that sewer spill is detected, the following parties shall be notified:
  - Supervisor
  - Health Department
  - ADEM
  - Utility / Facility Owner (as applicable)

Please refer to the contractor contact list for cleanup contractors needed during spills.

#### Follow-up Plan:

#### Procedure to Accomplish:

**Responsibilities Summary:** The Baldwin County Highway Department employee responsible for performing inspection to determine if sewer spill has occurred.

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination / Dry Weather Screening

Activity Code Number: 503

Administered by: Operations Section

**Definition/Scope:** This process is used by Baldwin County Highway Department employee(s) dry weather screening.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

#### Objectives:

- Conduct inspections during dry weather periods
- Characterize and record observations on basic sensory and physical indicators

#### Implementation Plan:

• If an illicit discharge is detected, please follow the Illicit Discharge Standard Operating Procedure

#### Follow-up Plan:

- Perform inspections of MS4 area at least once per permit cycle.
- If dry weather flow is present at the outfall, and the flow does not appear to be an obvious illicit discharge, attempt to identify the source of the flow then document the discharge for future comparison.
- Fill out MS4 Outfall Inspection Form
- Take photos for record.

#### Procedure to Accomplish:

Responsibilities Summary: The Baldwin County Highway Department employee responsible for performing dry weather screenings shall be responsible for implementing this SOP.

Activity/Sub-Activity Description: Illicit Discharge Detection and Elimination

Activity Code Number: 503

Administered by: Operations Section

**Definition/Scope:** This process is used by Baldwin County Highway Department employee(s) for dealing with illicit discharges. According to the EPA an illicit discharge is defined as any discharge to the municipal separate storm sewer system that is not composed entirely of storm water, except for discharges allowed under a NPDES permit or waters used for firefighting operations.

Customer: The customers for this process are the County Commission, the County Engineer, Department Heads, Citizens, Environmental Agencies and Highway Department staff.

#### Objectives:

- · Document observations using the outfall reconnaissance field sheet
- Document site location
- Visually inspect general area for possible sources of discharge
- Take photos
- · Collect samples if possible
- Complete the Illicit Discharge Inspection Form

#### Implementation Plan:

- In the event that illicit discharges do occur, the following parties shall be notified:
  - Supervisor
  - Health Department
  - ADEM
  - Utility / Facility Owner (as applicable)

Please refer to the contractor contact list for cleanup contractors needed during spills.

#### Follow-up Plan:

#### Procedure to Accomplish:

 Actions shall be taken to minimize illicit discharges. These actions shall include good construction practices as well as the installation and maintenance of BMP's.

**Responsibilities Summary:** The Baldwin County Highway Department employee responsible for performing dry weather screenings shall be responsible for implementing this SOP.

Activity/Sub-Activity Description: Outfall Reconnaissance Inventory

Activity Code Number: 523

Administered by: Operations Section

Definition/Scope: This process is used by Baldwin County Highway Department employee(s)

for Identifying & collecting at the Outfall Reconnaissance

Customer: The customers for this process are the County Commission, the County Engineer,

Department Heads, Citizens, Environmental Agencies and Highway Department staff.

Objectives: Find Outfall Reconnaissance points and map locations

Implementation Plan: Follow this procedure for Outfall Reconnaissance points.

Follow-up Plan: Use maps as a guide for locations to take samples at Outfall Reconnaissance

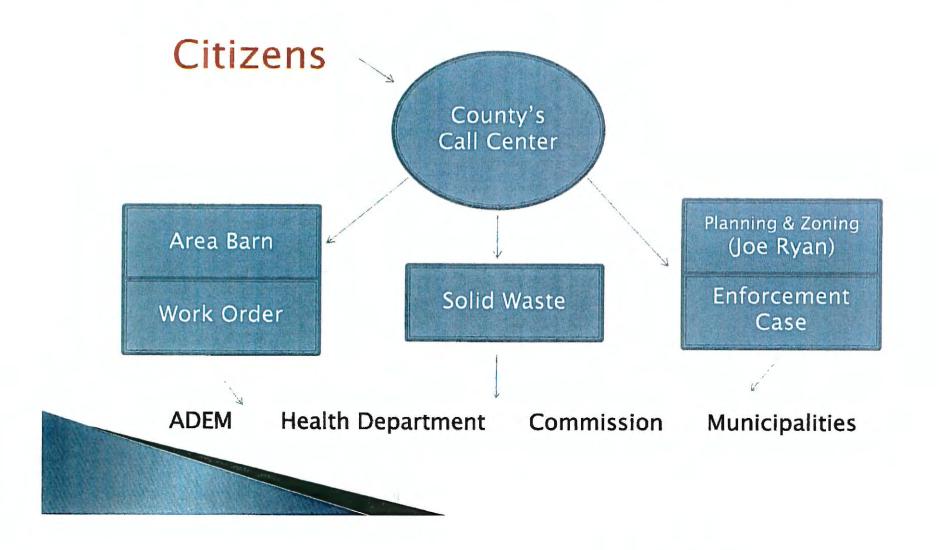
points.

#### Procedure to Accomplish: See below

Use USGS maps to identify perennial and intermediate streams in the MS4 area

- Use the county GIS database to overlay the USGS map with the county maintained road system
- Identify the locations where the two intersect. These are your outfall locations
- Label the outfall locations numerically
- If more than one of their points intersects state waters at the same location, identify those additional location's with sub letters i.e. A,B,C,D
- Field verify all locations to ensure conditions are accurately captured
- Capture subwatershed, latitude, longitude, and fill out Outfall Inspection form
- Create a location map of each inspection point to attach to the Outfall Inventory Inspection form
- Inspect the outfall every <u>5 years</u>

# Complaint Tracking System



# MS4 Area Report From 04/01/18 to 03/31/19

Complaint			3 Cases
Case Num	Date Received	Parcel Num	
C-180080	07/12/18	05-42-06-14-2-000-006.000	
C-180089	08/22/18	05-43-09-30-0-000-121.002	
C-180119	11/05/18	05-43-09-30-0-000-040.000	
C-180119	11/05/18	05-43-09-30-0-000-074.000	

www.Commission.co.bal	dwin.al.us How Do I?	✓ Departments & Services ✓
Baldwin County Alabama	COUNTY COMMISSION	You are logged in as vjackson
> Home > New Form V Edit Forms	P	BALDWIN COUNTY COMMISSION  LANNING AND ZONING DEPARTMENT  COMPLAINT ENTRY FORM
> Reports > Administration	- Property Location	
The state of the s	Planning District:	District 12
> Change Password	Zoning:	B-1 - Professional Bus.
> Logout  Edit General Info	General Location:	Corner of St Hwy 59 in Loxley at the red light at 55.
Edit General Info		Y Y
General Info	MS4 Area:	
05-42-06-14-2-000-006.000	- Complaint Info	•
Case#: C-180080 Received: 7/12/2018 Staff: Crystal Bates Applicant Info Company: Reliable Properties	Nature of Complaint:	Car lot located in a Bl zoning permitted by right in B4 or B3 with conditional use.  Also in violation of 5.1.6 Lighting standards.
LLC	Assigned To:	Joe Ryan
Adress: PO Box 301 City: Loxley State: Al	Inspection Date:	
City: 36551  Owner Info  Company: Reliable Properties  LLC	Results:	Ŷ
Address: PO Box 301	Violation:	П
City: Loxley		
State: Al	Complainant Info	
Zip: 36551	Anonymous:	
e911 Info Address: 26520 Holley St City: Loxley	Complaint Date:	
State: Al Zip: 36551	Comments:	
	- Attachments Currently there are no attac	Update Reset  New Attachment chments associated with this form.
Coun		enue   Sheriff   Privacy Policy   Legal Disclaimer , AL   e911 Design by CED and <rim></rim>

www.Commission.co.baldwir	n.al.us How Do I?	Departments & Services V		
Baldwin County Alabama	COUNTY COMMISSIO	COUNTY COMMISSION  PROBATE REVENUE COMMISSIONER SHERIFF OTHER AGENCIES		
> Home > New Form V Edit Forms	P	Pou are logged in as vjackson  BALDWIN COUNTY COMMISSION  LANNING AND ZONING DEPARTMENT  COMPLAINT ENTRY FORM		
> Reports	Property Location			
> Administration		District 16		
> Change Password	Zoning:	RSF-2 Single Family		
> Logout	Zonnig.	Main St Historic Montrose		
		Main St Historic Montrose		
Edit General Info	General Location:	i i		
		The state of the s		
General Info	MS4 Area:	$\checkmark$		
05-43-09-30-0-000-121.002	Complaint Info			
Case#: C-180089  Received: 8/22/2018  Staff: Crystal Bates  Applicant Info  First Name: John & Katey	Nature of Complaint:	Landscape Company landscaping rear yard and dirt leaving the scene filling the creek.		
Last Name: Renz	Assigned To:	Joe Ryan		
Adress: PO Box 370 City: Montrose State: Al	Inspection Date:	08/23/2018		
City: 36559		I issued a stop work notice.		
Owner Info	Results:			
First Name: John & Katey Last Name: Renz Address: PO Box 370	Violation:			
City: Montrose	Complainant Info			
State: Al Zip: 36559	Anonymous:	abla		
e911 Info				
Address: 24047 Main St	Complaint Date:			
City: Daphne				
State: Al	Comments:	^		
Zip: 36526		· · · · · · · · · · · · · · · · · · ·		
		Update Reset		
- Attachments New Attachment				
Currently there are no attachments associated with this form.				
County La	ma I Commission   Drahata   David	nua   Shariff   Privacy Policy   Logal Disclaires		
		nue   Sheriff   Privacy Policy   Legal Disclaimer AL   e911 Design by CED and <rim></rim>		

www.Commission.co.ba	Idwin.al.us How Do I?	✓ Departments & Services ✓
Baldwin County Alabama	COUNTY COMMISSION	COMMISSION  PROBATE REVENUE COMMISSIONER SHERIFF OTHER AGENCIES You are logged in as vjacksor
> Home > New Form V Edit Forms > Reports		BALDWIN COUNTY COMMISSION  LANNING AND ZONING DEPARTMENT  COMPLAINT ENTRY FORM
> Administration	- Property Location	
> Change Password	Planning District:	District 16
> Logout	Zoning:	RSF-2 Single Family
Logout		S Winding Dr.
Edit General Info	General Location:	
General Info	100	
05-43-09-30-0-000-040.000	MS4 Area:	⊻
05-43-09-30-0-000-074.000	Complaint Info	
Case#: C-180119 Received: 11/5/2018 Staff: Crystal Bates	Nature of Complaint:	Heavy Equipment Construction Company
Applicant Info		
First Name: Thomas	Assigned To:	Joe Ryan
Last Name: Davis	Inspection Date:	11/05/2018
Adress: 6805 S Winding Brook Dr		I have sent NOV's and Cease and Abate
City: Daphne State: Al City: 36526	Results:	orders. The county attorney will have to pursue compliance. Joe Ryan
Owner Info	-	
First Name: Thomas	Violation:	
Last Name: Davis	- Complainant Info	
Address: 6805 S Winding Brook Dr	Anonymous:	$\square$
City: Daphne		
State: Al Zip: 36526	Complaint Date:	
e911 Info Address: 6805 S Winding Brook Dr	Comments:	\$
City: Daphne State: Al Zip: 36526		Update Reset
	_	Treset
	- Attachments	New Attachment
	File Name Add	ed By Added Time Delete
		led By         Added Time         Delete           al Bates         11/5/2018 10:14:41 AM         Delete
1 1 1 A	Crysta	THE PAGE TO LETTE FAIT
Coun		enue   Sheriff   Privacy Policy   Legal Disclaimer AL   e911 Design by CED and <rim></rim>

November 5, 2018

Mr. Joe Ryan Code Enforcement Baldwin County Alabama

RE: Thomas H. Davis III Construction, Inc.
Parcels No. 05-43-09-30-0-000-040.000 PIN 3449
05-43-09-30-0-000-074.000

Dear Mr. Ryan:

I am a resident homeowner on South Winding Brook Drive in Planning District 16 and I am writing to register a compliant regarding ongoing violation of the zoning code ordinances occurring at 6855 and 6805 South Winding Brook Drive in the Red Gulley Subdivision. Mr. Thomas H. Davis III is the owner of a construction company conducting commercial business activities on South Winding Brook Drive which are beyond any authorized by RSF-2 zoning.

Mr. Davis lives in the home at 6805 South Winding Brook Drive, a property owned by his father, but in which he operates a home business from a back office on the premises. www.thdayisconstruction.com Home Occupation Application may be approved with the Baldwin County to authorize this home to be used as a business, but has the County approved a specific variance to allow him to conduct a commercial construction business in a RSF-2 neighborhood? Mr. Davis does not confine the business use of his home to 6805 South Winding Brook address only. Presently, the adjoining lot at 6855 South Winding Brook Drive is being used for storage and continuous movement of heavy construction equipment and materials. There are no limits to the hours of operation, no limits to the size of the equipment, noise, trucks, delivery of materials, and accumulation of unsightly trash piles and construction debris. Mr. Davis also employs subcontractors who may routinely park their vehicles on the site. In a never ending parade, heavy equipment and trailers are routinely moved in and out, and are being parked on the lot, with construction materials and debris delivered and rotated to and from his various construction jobs. A small silt fence attempts to contain the mud and erosion but muddy water washes down our narrow roadway with every rain. The equipment yard is a sprawling raw open mud field. The commercial use of South Winding Brook access by heavy equipment is subjecting this roadway pavement to stresses and increased wear and tear on asphalt.

There is an attempt to make this appear an authorized use by the posting of a construction permit at the residence, and a For Sale sign on the lot advertising a home Mr. Davis offers to build there.

#### This commercial use is

- 1) Not in harmony with the general purpose, goals, objectives, and standards of the Baldwin County RSF-2 ordinances
- 2) Inconsistent with the residential community welfare and detracts from homeowners rights to peaceful enjoyment of their homestead properties
- 3) An adverse effect which unduly decreases the market value of all properties on South Winding Brook and Blake Lane

- 4) Incompatible with the surrounding residential area and imposes an excessive burden on the only single lane access into the Red Gulley neighborhood
- 5) A substantial negative impact with injurious effect upon the neighborhood

I have attached photos taken during the course of the last month such that you can see the movement of equipment and construction materials.

I am asking that you deem this commercial use of these lands, 6805 and 6855 South Winding Brook, to be a violation of the ordinances, that they cease and desist from the parking of any commercial vehicle or trailer, from the storage or rotational delivery of any construction materials used in his commercial business, or dumping of construction debris, that you hold Mr. Davis, and his father, responsible for the violation, that they be subject to the penalties and remedies as provided by law, that they be informed that each day that any violation continues to exist shall constitute an additional and separate violation, and that this commercial use is declared unlawful.

Please issue them a written notice of Violation, a Cease and Abate Order, and inform that any failure to comply with the requirements of the order will result in enforcement procedures, including fines.

Thomas H. Davis III Construction, Inc. 6805 South Winding Brook Drive Fairhope, Al 36532

Thomas H. Davis Jr. and Anne W. Davis P.O. Box 4
Montrose, AL 36559
7188 Chapman Street, Montrose AL

Please restrain, correct, or abate this ongoing violation. Other of our neighbors have previously lodged complaints concerning Mr. Davis' activities, we did see Linda Lee at the site last year, but the situation as gotten progressively worse since his purchase of the vacant lot, such that this becomes an ongoing repeat violation, perhaps more appropriately forwarded to the County Legal Department and/or the Baldwin County District Attorney's Office for further action.











