<b>Maintain Mobile</b>
Clean Water, Clean Choices
C

**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL IN	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	04/21/2022	2 at 02:57 PM	Regulated Outfa	II:	Yes	
Watershed:	Bolton Bra	nch	Land Use:		Residential	
Latitude:	30.640716	;	Accuracy (m):		0.8	
Longitude:	-88.10378	7				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Bar	rels:	2	Depth (ft):			
Diameter (in):		42&36	Top Width (ft):			
Width (in):			Bottom Width (f	Bottom Width (ft):		
Height (in):			Inlet:			
Submerged in	Water?	No	Туре:	Туре:		
Submerged in Sediment?		No	Drop Inlet?:	Drop Inlet?:		
Outfall Under Structure?		No	Outlet Pipe Dia	Outlet Pipe Diameter:		
Passtrough Cu	lvert?	Yes	Side of Ditch?	Side of Ditch?		
FLOW OBSE	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	Green Alg	ae; 1 barrel is 42", 1	l barrel is 36"			
PHYSICAL IN	DICATORS	5				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	8:		
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:			Poor Pool Qualit	Poor Pool Quality:		
Flotables:		Pipe Benthic Gro	Pipe Benthic Growth:			
Floatables Seve	rity:		Turbidity:			
Comments:						
FIELD SCREE	ENING					
pH:		Temperature (°F)	Temperature (°F):			

Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Hydro Engineering Solutions

Copper (mg/L):

Nitrite (mg/L):

Nitrate (mg/L):

Phosphate (mg/L):

Detergents (mg/L):



IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	04/21/2022	2 at 02:26 PM	Regulated Outfa	ll:	Yes
Watershed:	Bolton Brai	nch	Land Use:	Land Use:	
Latitude:	30.645561		Accuracy (m):	Accuracy (m):	
Longitude:	-88.102952	2			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	RCP	
Pipe:			Swale:		
Number of Barrels: 1		1	Depth (ft):		
Diameter (in): 36		Top Width (ft):	Top Width (ft):		
Width (in):			Bottom Width (	ft):	
Height (in):			Inlet:	Inlet:	
Submerged in	Water?	No	Туре:	Туре:	
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	No	Side of Ditch?		Right
FLOW OBSE	RVATION				
Flow Present:	Yes		Suspect Illicit Di	ischarge:	No

**Comments:** Iron Oxidizing Bacteria (Algae and Sheen); ,Backwater into outfall;

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

#### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:







IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INI	FORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	04/21/2022	2 at 03:35 PM	Regulated Outf	all:	Yes
Watershed:	Bolton Bra	nch	Land Use:	Land Use:	
Latitude:	30.6436		Accuracy (m):		0.9
Longitude:	-88.11730	5			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	PVC	
Pipe:			Swale:		
Number of Bar	rels:	2	Depth (ft):		
Diameter (in):		30	Top Width (ft):		
Width (in):			Bottom Width	(ft):	
Height (in):			Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in	Sediment?	No	Drop Inlet?:	Drop Inlet?:	
Outfall Under Structure? No		Outlet Pipe Dia	ameter:		
Passtrough Cu	lvert?	Yes	Side of Ditch?		Right
FLOW OBSE	RVATION				
Flow Present:	Ves		Suspect Illicit D	lischargo.	No

Flow Present: Yes

Suspect Illicit Discharge: No

Comments: Green Algae; One pipe is partially covered by concrete and fabric

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



Hydro Engineering Solutions















**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		BB - 008
Date & Time:	04/21/2022 at 01:59 PM		Regulated Outfa	all:	Yes
Watershed:	Bolton Bra	nch	Land Use:	Land Use:	
Latitude:	30.644136		Accuracy (m):		0.9
Longitude:	-88.10949				
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	CMP	
Pipe:			Swale:		
Number of Barrels: 1		Depth (ft):			
Diameter (in):		48	Top Width (ft):		
Width (in):		Bottom Width (ft):			
Height (in):			Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	No	Side of Ditch?		Left
FLOW OBSE	RVATION				
Flow Present:	Yes		Suspect Illicit D	ischarge:	No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):









IDDE Program Outfall Screening Form











**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATION			
Investigator:	C. Parker	Outfall ID:		BB - 010
Date & Time:	04/21/2022 at 02:36 PM	Regulated Outfa	Regulated Outfall:	
Watershed:	Bolton Branch	Land Use:		Residential
Latitude:	30.645605	Accuracy (m):		0.8
Longitude:	-88.104944			
OUTFALL TY	PE			
Outfall Type:	Swale	Condition:	Good	
Shape:	Trapezoid	Material:	Concrete	е
Pipe:		Swale:		
Number of Barrels:		Depth (ft):		2.0
Diameter (in):		Top Width (ft):		9.0
Width (in):		Bottom Width (	Bottom Width (ft):	
Height (in):		Inlet:		
Submerged in \	Water?	Туре:	Туре:	
Submerged in S	Sediment?	Drop Inlet?:		
Outfall Under S	tructure?	Outlet Pipe Dia	meter:	
Passtrough Cul	lvert?	Side of Ditch?		Right
FLOW OBSER	RVATION			
Flow Present:	No	Suspect Illicit D	ischarge:	No
Comments:	Iron Oxidizing Bacteria (Algae and Sheen);			

PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





PHOTOGRAPHS

IDDE Program Outfall Screening Form

Wet bottom, no flow









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker			Outfall ID:		BB - 011
Date & Time:	04/21/2022	at 01:52 PM		Regulated Outfa	all:	Yes
Watershed:	Bolton Brar	ich		Land Use:		Residential
Latitude:	30.644368			Accuracy (m):		0.8
Longitude:	-88.10801					
OUTFALL TYP	PE					
Outfall Type:	Pipe			Condition:	Good	
Shape:	Circular			Material:	RCP	
Pipe:				Swale:		
Number of Barre	els:	1		Depth (ft):		
Diameter (in):	Diameter (in): 42			Top Width (ft):		
Width (in):				Bottom Width (ft):		
Height (in):	Height (in): Inlet:					
Submerged in V	Submerged in Water? No Type:					
Submerged in S	ediment?	No		Drop Inlet?:		
Outfall Under St	ructure?	No		Outlet Pipe Dia	ameter:	
Passtrough Culv	vert?	Yes		Side of Ditch?		Left
FLOW OBSER	VATION					
Flow Present:	Yes			Suspect Illicit D	ischarge:	No
Comments:	None					
PHYSICAL INI	DICATORS					
Odor:				Outfall Damage	:	
Oder Severity:	Oder Severity:			Deposits / Stains:		
Color:				Abnormal Vegetation:		
Color Severity:				Poor Pool Quality:		
Flotables:				Pipe Benthic Growth:		
Floatables Severity:				Turbidity:		

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATION			
Investigator:	C. Parker	Outfall ID:	HMC-010	
Date & Time:	05/05/2022 at 01:57 PM	Regulated Outfall:	Yes	
Watershed:	Halls Mill Creek	Land Use:	Commercial	
Latitude:	30.599448	Accuracy (m):	0.8	
Longitude:	-88.140148			
OUTFALL TY	PE			
Outfall Type:	Swale	Condition:	Good	
Shape:	Trapezoid	Material:	Earthen	
Pipe:		Swale:		
Number of Barr	rels:	Depth (ft):	6.0	
Diameter (in):		Top Width (ft):	14.0	
Width (in):		Bottom Width (ft):	2.0	
Height (in):		Inlet:		
Submerged in \	Water?	Туре:		
Submerged in S	Sediment?	Drop Inlet?:		
Outfall Under S	tructure?	Outlet Pipe Diame	ter:	
Passtrough Cul	lvert?	Side of Ditch?	Left	
FLOW OBSER	RVATION			
Flow Present:	No	Suspect Illicit Discl	narge: No	
Comments:	Backwater into outfall;			
PHYSICAL IN	DICATORS			
Odor:		Outfall Damage:		
Oder Severity:		Deposits / Stains:		
Color:		Abnormal Vegetation	on:	
Color Severity:		Poor Pool Quality:		
Flotables:		Pipe Benthic Grow	th:	
Floatables Seve	rity:	Turbidity:		
Comments:				
FIELD SCREE	ENING			

pH:

Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATION					
Investigator:	C. Parker	Outfall ID:	HMC-011			
Date & Time:	05/05/2022 at 01:43 PM	Regulated Outfall:	Yes			
Watershed:	Halls Mill Creek	Land Use:	Undeveloped			
Latitude:	30.599524	Accuracy (m):	0.9			
Longitude:	-88.142883					
<b>OUTFALL TY</b>	PE					
Outfall Type:	Swale	Condition: Goo	bd			
Shape:	Trapezoid	Material: Cor	ncrete			
Pipe:		Swale:				
Number of Bar	rels:	Depth (ft):	3.0			
Diameter (in):		Top Width (ft):	13.0			
Width (in):		Bottom Width (ft):	6.0			
Height (in):		Inlet:	Inlet:			
Submerged in V	Water?	Туре:				
Submerged in S		Drop Inlet?:	•			
Outfall Under S	Structure?	Outlet Pipe Diameter:				
Passtrough Cu	lvert?	Side of Ditch?	Right			
FLOW OBSEI	RVATION					
Flow Present:	No	Suspect Illicit Dischar	ge: No			
Comments:	None					
PHYSICAL IN	DICATORS					
Odor:		Outfall Damage:				
Oder Severity:		Deposits / Stains:				
Color:		Abnormal Vegetation:				
Color Severity:		Poor Pool Quality:	Poor Pool Quality:			
Flotables:		Pipe Benthic Growth:				

Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form











**MS4** Program

IDDE Program Outfall Screening Form

Date & Time:05/05/2022 at 01:21 PMRegulated Outfall::YesWatershed:Halls Mill CreekLand Use:UndevelopedLatitude:30.601464Accuracy (m):0.8Longitude:-88.148919	OUTFALL INF	ORMATIO	N			
Watershed:       Halls Mill Creek       Land Use:       Undeveloped         Latitude:       30.601464       Accuracy (m):       0.8         Longitude:       -88.148919       0         OUTFALL TYPE         Outfall Type:       Pipe       Condition:       Good         Shape:       Arch       Material:       RCP         Pipe:       Swale:       Number of Barrels:       1       Depth (ft):         Diameter (in):       Top Width (ft):	Investigator:	C. Parker Outfall ID:			HMC-014	
Latitude:30.601464Accuracy (m):0.8Longitude:-88.148919OUTFALL TYPEOutfall Type:PipeOutfall Type:PipeArchMaterial:RCPPipe:Swale:Number of Barrels:1Diameter (in):Top Width (ft):Diameter (in):51Bottom Width (ft):Height (in):51Submerged in Water?NoSubmerged in Sediment?NoOutfall Under Structure?NoOutfall Under Structure?NoSide of Ditch?LeftFLOW OBSERVATIONSuspect Illicit Discharge:PhysiCAL INDEXSuspect Illicit Discharge:Odor:NoneOdor:Outfall Damage:Odor:Courting:Odor:Outfall:Odor:Outfall:Odor:Outfall:Odor:Outfall:Odor:Deposits / Stains:	Date & Time:	05/05/2022 at 01:21 PM		Regulated Outfa	Regulated Outfall:	
Longitude:       -88.148919         OUTFALL TYPE       Condition:       Good         Shape:       Arch       Material:       RCP         Pipe:       Swale:       RCP         Number of Barrels:       1       Depth (ft):       Top Width (ft):         Diameter (in):       Top Width (ft):       Top Width (ft):       Miterial:       RCP         Width (in):       51       Bottom Width (ft):       Height (in):       Inlet:       Submerged in Water?       No       Type:         Submerged in Water?       No       Drop Inlet?:       Outfall Under Structure?       No       Outlet Pipe Diameter:         Passtrough Culvert?       No       Side of Ditch?       Left         FLOW OBSERVATION         PHYSICAL INDICATORS         Odor:       None       Outfall Damage:       No         Outfall Damage:         Odor:       Outfall Damage:       Deposits / Stains:	Watershed:	Halls Mill 0	Creek	Land Use:		Undeveloped
OUTFALL TYPE         Outfall Type:       Pipe       Condition:       Good         Shape:       Arch       Material:       RCP         Pipe:       Swale:       Number of Barrels:       1       Depth (ft):         Diameter (in):       Top Width (ft):       Utfth (in):       51       Bottom Width (ft):         Width (in):       51       Bottom Width (ft):       Height (in):       31       Inlet:         Submerged in Water?       No       Type:       Submerged in Sediment?       No       Drop Inlet?:         Outfall Under Structure?       No       Outlet Pipe Diameter:       Left         FLOW OBSERVATION       Eft       Flow Present:       No       Suspect Illicit Discharge:       No         PHYSICAL INDICATORS       Outfall Damage:       Outfall Damage:       Outfall Damage:       Outfall Damage:         Odor:       Outfall Damage:       Deposits / Stains:       Utfall Damage:       Deposits / Stains:	Latitude:	30.601464		Accuracy (m):		0.8
Outfall Type:PipeCondition:GoodShape:ArchMaterial:RCPPipe:Swale:Number of Barrels:1Depth (ft):Diameter (in):Top Width (ft):Width (in):51Bottom Width (ft):Height (in):31Inlet:Submerged in Water?NoType:Submerged in Sediment?NoDorop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culver?NoSide of Ditch?LeftFLOW OBSERVATIONSuspect Illicit Discharge:NoPHYSICAL INDICATORSOutfall Damage:Outfall Damage:Odor:Outfall Damage:Outfall Damage:Odor:Comments:Suspect / Stains:	Longitude:	-88.14891	9			
Shape: Arch Material: RCP   Pipe: Swale:   Number of Barrels: 1 Depth (ft):   Diameter (in): Top Width (ft):   Width (in): 51 Bottom Width (ft):   Height (in): 31 Inlet:   Submerged in Water? No Type:   Submerged in Sediment? No Drop Inlet?:   Outfall Under Structure? No Outlet Pipe Diameter:   Passtrough Culvert? No Side of Ditch?   Elow Present: No Suspect Illicit Discharge:   None Suspect Illicit Discharge: No   PHYSICAL INDICATORS Outfall Damage:   Odor: Outfall Damage:   Odor: Deposits / Stains:	OUTFALL TY	PE				
Pipe:       Swale:         Number of Barrels:       1       Depth (ft):         Diameter (in):       Top Width (ft):         Width (in):       51       Bottom Width (ft):         Height (in):       31       Inlet:         Submerged in Water?       No       Type:         Submerged in Sediment?       No       Drop Inlet?:         Outfall Under Structure?       No       Outlet Pipe Diameter:         Passtrough Culvert?       No       Side of Ditch?       Left         FLOW OBSERVATION         Flow Present:       No       Suspect Illicit Discharge:       No         PhYSICAL INDICATORS       Vertfall Damage:       Coder:       Outfall Damage:         Odor:       Comments:       Suspects / Stains:       Stains:	Outfall Type:	Pipe		Condition:	Good	
Number of Barrels:1Depth (ft):Diameter (in):Top Width (ft):Width (in):51Bottom Width (ft):Height (in):31Inlet:Submerged in Water?NoType:Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONESuspect Illicit Discharge:NoFlow Present:NoSuspect Illicit Discharge:NoPHYSICAL INDICATORSOutfall Damage:Outfall Damage:Odor:Outfall:Deposits / Stains:Oder Severity:Deposits / Stains:	Shape:	Arch		Material:	RCP	
Diameter (in):Top Width (ft):Width (in):51Bottom Width (ft):Height (in):31Inlet:Submerged in Water?NoType:Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?Elow Present:NoSuspect Illicit Discharge:NoneSuspect Illicit Discharge:NoPHYSICAL INDICATORSOutfall Damage:Odor:Outfall Damage:Oder Severity:Deposits / Stains:	Pipe:			Swale:		
Width (in):51Bottom Width (ft):Height (in):31Inlet:Submerged in Water?NoType:Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONFlow Present:NoSuspect Illicit Discharge:NoneSuspect Illicit Discharge:NoOdor:Outfall Damage:Odor:Outfall Damage:Oder Severity:Deposits / Stains:	Number of Barrels: 1		Depth (ft):			
Height (in):31Inlet:Submerged in Water?NoType:Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONFlow Present:NoSuspect Illicit Discharge:NoComments:NoneVVVOdor:Outfall Damage:Odor:Outfall Damage:Deposits / Stains:	Diameter (in):		Top Width (ft):			
Submerged in Water?NoType:Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONFlow Present:NoSuspect Illicit Discharge:NoComments:NoneVertical SubmergeVertical SubmergeVertical SubmergeOdor:Outfall Damage:Odor:Outfall Damage:Deposits / Stains:	Width (in): 51		Bottom Width (ft):			
Submerged in Sediment?NoDrop Inlet?:Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONFlow Present:NoSuspect Illicit Discharge:NoComments:NoneVVVPHYSICAL INDICATORSOdor:Outfall Damage:Outfall Damage:Oder Severity:Deposits / Stains:V	Height (in):		31	Inlet:		
Outfall Under Structure?NoOutlet Pipe Diameter:Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONSuspect Illicit Discharge:NoFlow Present:NoSuspect Illicit Discharge:NoComments:NoneVVPHYSICAL INDICATORSOutfall Damage:Odor:Outfall Damage:Deposits / Stains:	Submerged in Water? No		Туре:			
Passtrough Culvert?NoSide of Ditch?LeftFLOW OBSERVATIONSuspect Illicit Discharge:NoFlow Present:NoSuspect Illicit Discharge:NoComments:NoneSuspect Illicit Discharge:NoPHYSICAL INDICATORSOutfall Damage:Outfall Damage:Odor:Outfall Damage:Deposits / Stains:	Submerged in S	Sediment?	No	Drop Inlet?:		
FLOW OBSERVATION         Flow Present:       No         Suspect Illicit Discharge:       No         Comments:       None         PHYSICAL INDICATORS       Outfall Damage:         Odor:       Outfall Damage:         Oder Severity:       Deposits / Stains:	Outfall Under S	tructure?	No	Outlet Pipe Diameter:		
Flow Present:NoSuspect Illicit Discharge:NoComments:NoneVoneVonePHYSICAL INDICATORSOdor:Outfall Damage:Oder Severity:Deposits / Stains:	Passtrough Cul	vert?	No	Side of Ditch?		Left
Comments:       None         PHYSICAL INDICATORS         Odor:       Outfall Damage:         Oder Severity:       Deposits / Stains:	FLOW OBSER	RVATION				
PHYSICAL INDICATORS         Odor:       Outfall Damage:         Oder Severity:       Deposits / Stains:	Flow Present:	No		Suspect Illicit Di	ischarge:	No
Odor:Outfall Damage:Oder Severity:Deposits / Stains:	Comments:	None				
Oder Severity: Deposits / Stains:	PHYSICAL IN	DICATORS	S			
	Odor:			Outfall Damage:		
Color: Abnormal Vegetation:	Oder Severity:			Deposits / Stain	s:	
	Color:			Abnormal Veget	ation:	

Color Severity:

Flotables:

Floatables Severity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

Turbidity:

**Pipe Benthic Growth:** 





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	05/05/2022	at 10:24 AM	Regulated Outfal	l:	Yes
Watershed:	Halls Mill C	reek	Land Use:		Undeveloped
Latitude:	30.606978		Accuracy (m):		0.9
Longitude:	-88.188635	i			
OUTFALL TY	PE				
Outfall Type:	Box Culver	t	Condition:	Good	
Shape:			Material:	RCP	
Pipe:			Swale:		
Number of Barr	els:	3	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		120	Bottom Width (ft	Bottom Width (ft):	
Height (in):		66	Inlet:	Inlet:	
Submerged in \	Water?	No	Туре:	Туре:	
Submerged in S	Sediment?	No	Drop Inlet?:	Drop Inlet?:	
Outfall Under S	all Under Structure? No Outlet Pipe Diameter:		neter:		
Passtrough Cul	vert?	Yes	Side of Ditch?	Side of Ditch?	
FLOW OBSEI	RVATION				
Flow Present:	Yes		Suspect Illicit Dis	charge:	No
Comments:	None				
	DICATORS	;			
PHYSICAL IN					
PHYSICAL IN Odor:			Outfall Damage:		
			Outfall Damage: Deposits / Stains	:	
Odor:			-		
Odor: Oder Severity:			Deposits / Stains	tion:	

Flotables: Floatables Severity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		HMC-018
Date & Time:	05/05/202	2 at 10:09 AM	Regulated Out	fall:	Yes
Watershed:	Halls Mill (	Creek	Land Use:		Residential
Latitude:	30.60833		Accuracy (m):		0.6
Longitude:	-88.19209	9			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	RCP	
Pipe:			Swale:		
Number of Barr	rels:	2	Depth (ft):		
Diameter (in):		42	Top Width (ft):		
Width (in):			Bottom Width (ft):		
Height (in):			Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Di	ameter:	
Passtrough Cu	lvert?	Yes	Side of Ditch?		Left
FLOW OBSEI	RVATION				
Flow Present:	Yes		Suspect Illicit I	Discharge:	No
Comments:	Backwater	r into outfall;			
PHYSICAL IN	DICATOR	S			
Odor:			Outfall Damage	): 	

mage:
Stains:
Vegetation:
Quality:
nic Growth:

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program** Outfall Screening Form

<b>OUTFALL INF</b>	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		HMC-020	
Date & Time:	05/05/2022	at 09:57 AM	Regulated Outfa	II:	Yes	
Watershed:	Halls Mill C	reek	Land Use:		Residential	
Latitude:	30.615212		Accuracy (m):		0.7	
Longitude:	-88.193696	i				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in): 42		Top Width (ft):	Top Width (ft):			
Width (in):		Bottom Width (ft):				
Height (in):		Inlet:				
Submerged in Water? No		Туре:				
Submerged in S	Sediment?	No	Drop Inlet?:	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:		
Passtrough Cul	vert?	No	Side of Ditch?	Side of Ditch? Right		
FLOW OBSEF	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS					
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:			Poor Pool Qualit	y:		

Flotables:

Floatables Severity:

Comments:

#### FIELD SCREENING

pH:	
Conductivity (µS/cm):	
Total Diss. Solids (mg/L):	
Potassium (mg/L):	
Ammonia (mg/L):	
Chlorine (mg/L):	

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION								
Investigator:	C. Parker		Outfall ID:	HMC-021				
Date & Time:	04/22/2022 at 02:14 PM		Regulated Outfal	: Yes				
Watershed:	Halls Mill C	Creek	Land Use:	Commercial				
Latitude:	30.61826		Accuracy (m):	0.7				
Longitude:	-88.190577	7						
OUTFALL TY	PE							
Outfall Type:	Pipe		Condition:	Good				
Shape:	Arch		Material:	Concrete				
Pipe:			Swale:					
Number of Bar	els:	1	Depth (ft):					
Diameter (in):			Top Width (ft):					
Width (in):	Width (in): 58			Bottom Width (ft):				
Height (in):		36	Inlet:					
Submerged in Water? No			Туре:					
Submerged in Sediment? No			Drop Inlet?:					
Outfall Under S	structure?	Yes	Outlet Pipe Diameter:					
Passtrough Culvert?		No	Side of Ditch?	Right				
FLOW OBSEI	RVATION							
Flow Present:	Yes		Suspect Illicit Dis	charge: No				
Comments:	None							
PHYSICAL IN	DICATORS	5						
Odor:			Outfall Damage:					
Oder Severity:			Deposits / Stains:					
Color: Abnormal Vegetation:								
Color Severity:			Poor Pool Quality:					
Flotables:			Pipe Benthic Growth:					

Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form







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**IDDE Program** Outfall Screening Form

OUTFALL INFORMATION							
Investigator:	C. Parker		Outfall ID:	HMC-023			
Date & Time:	05/05/2022	at 09:01 AM	Regulated Outfall:	Yes			
Watershed:	Halls Mill C	reek	Land Use:				
Latitude:	30.62452		Accuracy (m):	0.5			
Longitude:	-88.190413						
OUTFALL TYP	PE						
Outfall Type:	Pipe		Condition:	Good			
Shape:	Circular		Material:	Concrete			
Pipe:			Swale:				
Number of Barre	els:	1	Depth (ft):				
Diameter (in): 42		Top Width (ft):					
Width (in):			Bottom Width (ft):				
Height (in):			Inlet:				
Submerged in Water? No			Туре:				
Submerged in Sediment? No			Drop Inlet?:				
Outfall Under Structure? No			Outlet Pipe Diame	eter:			
Passtrough Culvert? No			Side of Ditch?				
FLOW OBSER	RVATION						
Flow Present:	No		Suspect Illicit Disc	harge: No			
Comments:	None						
PHYSICAL INI	DICATORS						
Odor:			Outfall Damage:				
Oder Severity:			Deposits / Stains:				
Color:			Abnormal Vegetation:				
Color Severity:			Poor Pool Quality:				
Flotables:			Pipe Benthic Growth:				
Floatables Sever	rity:		Turbidity:				

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form







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**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker Outfall ID:			HMC-024		
Date & Time:	05/05/2022 at 09:30 AM		Regulated Outfall	:	Yes	
Watershed:	Halls Mill C	Creek	Land Use:		Residential	
Latitude:	30.617605		Accuracy (m):	Accuracy (m):		
Longitude:	-88.197426	3				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Fair		
Shape:	Arch		Material:	CMP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):			Top Width (ft):			
Width (in):		44	Bottom Width (ft)	Bottom Width (ft):		
Height (in):		27	Inlet:	Inlet:		
Submerged in Water? Partially		Туре:	Туре:			
Submerged in Sediment? Partially		Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Diam	eter:			
Passtrough Culvert? Yes Sid		Side of Ditch?		Right		
FLOW OBSEI	RVATION					
Flow Present:	No		Suspect Illicit Dis	charge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS	5				
Odor:		Outfall Damage:				
Oder Severity:		Deposits / Stains:				
Color:			Abnormal Vegetation:			
Color Severity:			Poor Pool Quality:			
Flotables:			Pipe Benthic Growth:			
Floatables Severity:			Turbidity:			
Comments:						

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INFORMATION								
Investigator:	C. Parker		Outfall ID:	Outfall ID:				
Date & Time:	05/05/2022	2 at 09:36 AM	Regulated Outfa	II:	Yes			
Watershed:	Halls Mill (	Creek	Land Use:	Land Use:				
Latitude:	30.618212		Accuracy (m):	Accuracy (m):				
Longitude:	-88.19707	7						
OUTFALL TY	PE							
Outfall Type:	Pipe		Condition:	Good				
Shape:	Circular		Material:	RCP				
Pipe:			Swale:					
Number of Barrels: 1		1	Depth (ft):					
Diameter (in): 42		42	Top Width (ft):					
Width (in):			Bottom Width (ft):					
Height (in):			Inlet:	Inlet:				
Submerged in Water? No		Туре:						
Submerged in Sediment? No		Drop Inlet?:						
Outfall Under S	Structure?	No	Outlet Pipe Diar					
Passtrough Cu	lvert?	No	Side of Ditch?		Right			
FLOW OBSE	RVATION							
Flow Present: Yes		Suspect Illicit Discharge:		No				
Comments:	None							
PHYSICAL INDICATORS								
Odor:			Outfall Damage:					
Oder Severity:			Deposits / Stains:					
Color:			Abnormal Veget	Abnormal Vegetation:				

Color Severity:

Flotables:

Floatables Severity:

**Comments:** 

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

**Turbidity:** 

**Pipe Benthic Growth:** 





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION							
Investigator:	C. Parker		Outfall ID:	HMC-026			
Date & Time:	05/05/2022	2 at 09:12 AM	Regulated Outfa	II: Yes			
Watershed:	Halls Mill C	Creek	Land Use:	Residential			
Latitude:	30.620882		Accuracy (m):	0.7			
Longitude:	-88.19851						
<b>OUTFALL TY</b>	PE						
Outfall Type:	Pipe		Condition:	Good			
Shape:	Circular		Material:	Concrete			
Pipe:			Swale:				
Number of Bar	rels:	1	Depth (ft):				
Diameter (in):	Diameter (in): 48		Top Width (ft):				
Width (in):	Width (in):			Bottom Width (ft):			
Height (in):		Inlet:					
Submerged in	ubmerged in Water? No						
Submerged in S	Submerged in Sediment? No		Drop Inlet?:				
Outfall Under S	structure?	No	Outlet Pipe Dia	meter:			
Passtrough Culvert? Yes		Side of Ditch?	Right				
FLOW OBSEI	RVATION						
Flow Present:	Yes		Suspect Illicit Di	scharge: No			
Comments:	None						
PHYSICAL IN	DICATORS	;					
Odor:			Outfall Damage:				
Oder Severity:			Deposits / Stains	Deposits / Stains:			
Color: Abnormal Vegetation:							
Color Severity:			Poor Pool Qualit	Poor Pool Quality:			
Flotables:			Pipe Benthic Gro	Pipe Benthic Growth:			
Floatables Severity:			Turbidity:				

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form











**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION								
Investigator:	C. Parker		Outfall ID	Outfall ID:		HMC-097		
Date & Time:	04/22/2022	at 09:46 AM	Regulate	d Outfall	:	Yes		
Watershed:	Halls Mill C	reek	Land Use	):		Residential		
Latitude:	30.622592		Accuracy	/ (m):		0.8		
Longitude:	-88.161037	, 						
OUTFALL TY	PE							
Outfall Type:	Pipe		Conditio	Condition: Good				
Shape:	Circular		Material:		RCP			
Pipe:			Swale:					
Number of Barr	els:	1	Depth (1	't):				
Diameter (in):		42	Top Wid	lth (ft):				
Width (in):		Bottom	Width (ft)	:				
Height (in):			Inlet:	Inlet:				
Submerged in Water? No		Туре:						
Submerged in Sediment? No		No	Drop Inl	Drop Inlet?:				
Outfall Under Structure? Yes		Yes	Outlet P	Outlet Pipe Diameter:				
Passtrough Culvert?		No	Side of D	Side of Ditch?		Right		
FLOW OBSER	RVATION							
Flow Present:	No		Suspect	Illicit Dis	charge:	No		
Comments:	None							
PHYSICAL INDICATORS								
Odor:		Outfall D	Outfall Damage:					
Oder Severity:		Deposits	Deposits / Stains:					
Color:			Abnorma	Abnormal Vegetation:				
Color Severity:			Poor Poo	Poor Pool Quality:				
Flotables:			Pipe Ben	Pipe Benthic Growth:				

**Floatables Severity:** 

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Turbidity:





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		HMC-122	
Date & Time:	05/05/2022 at 10:47 AM		Regulated Outfa	all:	Yes	
Watershed:	Halls Mill C	reek	Land Use:		Residential	
Latitude:	30.607787		Accuracy (m):		0.9	
Longitude:	-88.16999					
OUTFALL TYP	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	Metal		
Pipe:			Swale:			
Number of Barro	els:	1	Depth (ft):			
Diameter (in):		36	Top Width (ft):			
Width (in):	Width (in):		Bottom Width (	ft):		
Height (in):			Inlet:			
Submerged in Water? Partially		Туре:				
Submerged in Sediment? No		Drop Inlet?:	Drop Inlet?:			
Outfall Under Structure? No		Outlet Pipe Dia	meter:			
Passtrough Culvert? Yes		Side of Ditch?		Right		
FLOW OBSEF	RVATION					
Flow Present:	Yes		Suspect Illicit D	ischarge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS					
Odor:			Outfall Damage	:		
Oder Severity:			Deposits / Stain	Deposits / Stains:		
Color:			Abnormal Vege	Abnormal Vegetation:		
Color Severity: Poor Pool Quality:						
Flotables:			Pipe Benthic Gr	Pipe Benthic Growth:		
Floatables Severity: Turbidity:						
Comments:						
FIELD SCREE	NING					

pH: Conductivity (μS/cm):

Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		HMC-125	
Date & Time:	05/05/2022 at 08:43 AM		Regulated Outfa	Regulated Outfall:		
Watershed:	Halls Mill C	Creek	Land Use:		Residential	
Latitude:	30.625674		Accuracy (m):	Accuracy (m):		
Longitude:	-88.18043	7				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		42	Top Width (ft):			
Width (in):	Width (in):		Bottom Width (ft):			
Height (in):			Inlet:	Inlet:		
Submerged in	Submerged in Water? No		Туре:			
Submerged in	Sediment?	No	Drop Inlet?:			
Outfall Under S	Structure?	No	Outlet Pipe Diameter:			
Passtrough Cu	lvert?	No	Side of Ditch?		Left	
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit D	ischarge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	8				
Odor:			Outfall Damage	:		
Oder Severity:			Deposits / Stains:			

Color:

Color Severity:

Flotables:

Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Abnormal Vegetation:** 

**Pipe Benthic Growth:** 

**Poor Pool Quality:** 

Turbidity:





IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	Ν				
Investigator:	C. Parker		C	outfall ID:		HMC-126
Date & Time:	04/22/2022	2 at 03:07 PM	R	legulated Out	fall:	Yes
Watershed:	Halls Mill C	Creek	L	and Use:		Residential
Latitude:	30.628468		Α	ccuracy (m):		0.8
Longitude:	-88.181199	9				
OUTFALL TY	PE					
Outfall Type:	Pipe		C	ondition:	Good	
Shape:	Arch		N	laterial:	Concrete	e
Pipe:			S	wale:		
Number of Bar	els:	1		Depth (ft):		
Diameter (in):				Top Width (ft)	):	
Width (in):		44		Bottom Width	(ft):	
Height (in):		27	Ir	nlet:		
Submerged in V	Water?	Fully		Туре:		
Submerged in S	Sediment?	Partially		Drop Inlet?:		
Outfall Under S	structure?	No		Outlet Pipe D	iameter:	
Passtrough Cul	lvert?	No	S	ide of Ditch?		Left
FLOW OBSEI	RVATION					
Flow Present:	Yes		S	uspect Illicit	Discharge:	No

Comments: Backwater into outfall; Pipe measurement taken from going down into inlet at road

#### **PHYSICAL INDICATORS**

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### **FIELD SCREENING**

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

**Comments:** 



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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	HMC-130	
Date & Time:	05/05/202	2 at 12:46 PM	Regulated Outfall	I: Yes	
Watershed:	Halls Mill (	Creek	Land Use:	Residential	
Latitude:	30.62797		Accuracy (m):	0.8	
Longitude:	-88.17940	7			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concrete	
Pipe:			Swale:		
Number of Bar	rels:	2	Depth (ft):		
Diameter (in): 48		Top Width (ft):			
Width (in):		Bottom Width (ft):			
Height (in):			Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Diameter:		
Passtrough Cu	lvert?	No	Side of Ditch?	Right	
FLOW OBSEI	RVATION				
Flow Present:	Yes		Suspect Illicit Dis	scharge: No	
Comments:	Backwater	r into outfall;			
PHYSICAL IN	DICATOR	S			
Odor:			Outfall Damage:		
			Demosite / Otaina	_	

Oder Severity: Color: Color Severity: Flotables: Floatables Severity: Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity:

Comments:

### FIELD SCREENING

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):















**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF		N				
Investigator:	C. Parker		Outfall ID:		HMC-138	
Date & Time:	04/22/2022 at 10:17 AM		Regulated Outfa	II:	Yes	
Watershed:	Halls Mill (	Creek	Land Use:		Residential	
Latitude:	30.625442	1	Accuracy (m):	Accuracy (m):		
Longitude:	-88.16815	2				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Arch		Material:	RCP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):			Top Width (ft):			
Width (in):	Width (in): 51		Bottom Width (ft):			
Height (in):	Height (in): 31		Inlet:	Inlet:		
Submerged in Water? No		Туре:				
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Dia	Outlet Pipe Diameter:			
Passtrough Cu	lvert?	Yes	Side of Ditch?			
FLOW OBSE	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS	S				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Veget	ation:		

**Color Severity:** 

Flotables:

**Floatables Severity:** 

**Comments:** 

#### FIELD SCREENING

pH: Conductivity (µS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

Turbidity:

**Pipe Benthic Growth:** 





IDDE Program Outfall Screening Form









**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL IN		N			
Investigator:	C. Parker		Outfall ID:		HMC-139
Date & Time:	04/22/2022	2 at 10:26 AM	Regulated Outf	all:	Yes
Watershed:	Halls Mill C	Creek	Land Use:		Residential
Latitude:	30.625298		Accuracy (m):		0.9
Longitude:	-88.169849	9			
OUTFALL TY	ΡE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	RCP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		51	Bottom Width	(ft):	
Height (in):		31	Inlet:		
Submerged in	Water?	No	Type:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Dia	ameter:	
Passtrough Cu	lvert?	Yes	Side of Ditch?		Right
FLOW OBSE	RVATION				
Flow Present:	Yes		Suspect Illicit D	)ischarge:	No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



 $H_{E_{S^{\underline{OLUTIONS}}}}^{\underline{y}\underline{D}RO}$ 



IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	HMC-140	
Date & Time:	04/22/2022	2 at 01:59 PM	Regulated Outfa	II: Yes	
Watershed:	Halls Mill (	Creek	Land Use:	Residential	
Latitude:	30.618587	,	Accuracy (m):	0.9	
Longitude:	-88.18111	6			
OUTFALL TYP	ЪЕ				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concrete	
Pipe:			Swale:		
Number of Barre	els:	1	Depth (ft):		
Diameter (in):		42	Top Width (ft):		
Width (in):			Bottom Width (ft):		
Height (in):			Inlet:		
Submerged in W	Vater?	No	Туре:		
Submerged in S	ediment?	No	Drop Inlet?:		
Outfall Under St	ructure?	No	Outlet Pipe Diar	meter:	
Passtrough Culv	/ert?	No	Side of Ditch?	Left	
FLOW OBSER	VATION				
Flow Present:	No		Suspect Illicit Di	scharge: No	
Comments:	Backwater	into outfall;			
PHYSICAL INI	DICATORS	8			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains	8:	

Color:

Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Abnormal Vegetation:** 

**Pipe Benthic Growth:** 

**Poor Pool Quality:** 

Turbidity:





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	05/05/202	2 at 12:14 PM	Regulated Out	fall:	Yes
Watershed:	Halls Mill (	Creek	Land Use:		Residential
Latitude:	30.61978		Accuracy (m):		0.8
Longitude:	-88.18073	5			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	CPP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):	Depth (ft):	
Diameter (in):		42	Top Width (ft)	Top Width (ft):	
Width (in):			Bottom Width	Bottom Width (ft):	
Height (in):			Inlet:		
Submerged in	Water?	Partially	Type:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Di	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	No	Side of Ditch?	Side of Ditch?	
FLOW OBSE	RVATION				
Flow Present:	Yes		Suspect Illicit I	Discharge:	No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

Temperature (°F):
Copper (mg/L):
Nitrite (mg/L):
Nitrate (mg/L):
Phosphate (mg/L):
Detergents (mg/L):

Comments:



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IDDE Program Outfall Screening Form

Investigator:	C. Parker		Outfall ID:	HMC-142
Date & Time:	04/22/202	2 at 01:46 PM	Regulated Out	fall: Yes
Watershed:	Halls Mill (	Creek	Land Use:	Residential
Latitude:	30.621298	3	Accuracy (m):	0.9
Longitude:	-88.18118	6		
OUTFALL TY	ΈE			
Outfall Type:	Pipe		Condition:	Good
Shape:	Circular		Material:	Concrete
Pipe:			Swale:	
Number of Bar	rels:	1	Depth (ft):	
Diameter (in):		48	Top Width (ft)	:
Width (in):			Bottom Width	(ft):
Height (in):			Inlet:	
Submerged in	Water?	No	Type:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under S	Structure?	No	Outlet Pipe Di	ameter:
Passtrough Cu	Ilvert?	No	Side of Ditch?	Left
FLOW OBSE	RVATION			
Flow Present:	Yes		Suspect Illicit I	Discharge: No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

Temperature (°F):
Copper (mg/L):
Nitrite (mg/L):
Nitrate (mg/L):
Phosphate (mg/L):
Detergents (mg/L):

Comments:







IDDE Program Outfall Screening Form







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IDDE Program Outfall Screening Form

OUTFALL IN	FORMATIO	N				
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	04/22/2022	04/22/2022 at 12:28 PM Regulated Outfall:		Yes		
Watershed:	Halls Mill C	Creek	Land Use:	Land Use:		
Latitude:	30.619387	,	Accuracy (m):		0.7	
Longitude:	-88.168479	9				
OUTFALL TY	ΈE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		48	Top Width (ft):			
Width (in):			Bottom Width	Bottom Width (ft):		
Height (in):			Inlet:	Inlet:		
Submerged in	Water?	Fully	Type:	Туре:		
Submerged in	Sediment?	Fully	Drop Inlet?:	Drop Inlet?:		
Outfall Under S	Structure?	Yes	Outlet Pipe Di	Outlet Pipe Diameter:		
Passtrough Cu	Ilvert?	No	Side of Ditch?	Side of Ditch?		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit I	Suspect Illicit Discharge:		
Comments:	None					
PHYSICAL IN	DICATORS	8				
Odor:			Outfall Damage	):		
Oder Severity:			Deposits / Stair	ns:		
Color:			Abnormal Vegetation:			
Color Severity:	ity: Poor Pool Quality:					
Flotables: Pipe Benthic Growth:						
Floatables Severity: Turbidity:						
Comments:						

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





### PHOTOGRAPHS



Measured pipe from this inlet







IDDE Program Outfall Screening Form



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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	04/22/2022	2 at 11:14 AM	Regulated Outfa	II:	Yes
Watershed:	Halls Mill C	reek	Land Use:		Commercial
Latitude:	30.618232		Accuracy (m):		0.8
Longitude:	-88.168348	3			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	RCP	
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		48	Top Width (ft):		
Width (in):			Bottom Width (f	Bottom Width (ft):	
Height (in):			Inlet:		
Submerged in \	Nater?	No	Type:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cul	vert?	No	Side of Ditch?	Side of Ditch? Right	
FLOW OBSER	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge:	No

Comments: None Concrete ditch: 5' top width, 3' bottom width, 1.5' depth

#### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

#### FIELD SCREENING

pH:	Те
Conductivity (μS/cm):	Co
Total Diss. Solids (mg/L):	Nit
Potassium (mg/L):	Nit
Ammonia (mg/L):	Ph
Chlorine (mg/L):	De

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





PHOTOGRAPHS





48"







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IDDE Program Outfall Screening Form

OUTFALL INF	OUTFALL INFORMATION					
Investigator:	C. Parker	C. Parker		Outfall ID:		HMC-156
Date & Time:	05/05/2022	2 at 11:07 AM	Regulate	d Outfall	:	Yes
Watershed:	Halls Mill C	creek	Land Use	):		Residential
Latitude:	30.610804		Accuracy	/ (m):		0.9
Longitude:	-88.164163	3				
OUTFALL TY	PE					
Outfall Type:	Box Culver	t	Condition	า:	Good	
Shape:			Material:		RCP	
Pipe:			Swale:			
Number of Barr	els:	1	Depth (f	ťt):		
Diameter (in):	Diameter (in):		Top Wid	Top Width (ft):		
Width (in):		12	Bottom	Bottom Width (ft):		
Height (in):		4	Inlet:	Inlet:		
Submerged in \	Nater?	Partially	Туре:	Туре:		
Submerged in S	Sediment?	No	Drop Inl	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Diamete		eter:	
Passtrough Cul	vert?	No	Side of D	Side of Ditch?		Right
FLOW OBSER	RVATION					
Flow Present:	Yes		Suspect	llicit Dis	charge:	No
Comments:	Backwater into outfall;					
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Da	Outfall Damage:		
Oder Severity:			Deposits	Deposits / Stains:		
Color:	Color:			Abnormal Vegetation:		
Color Severity:			Poor Poo	Poor Pool Quality:		
Flotables:		Pipe Ben	Pipe Benthic Growth:			

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH:	
Conductivity (µS/cm):	
Total Diss. Solids (mg/L):	
Potassium (mg/L):	
Ammonia (mg/L):	
Chlorine (mg/L):	

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Turbidity:





IDDE Program Outfall Screening Form











**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		HMC-159	
Date & Time:	05/05/2022	at 01:04 PM	Regulated Outfa	II:	Yes	
Watershed:	Halls Mill C	reek	Land Use:		Residential	
Latitude:	30.613252		Accuracy (m):		0.9	
Longitude:	-88.154145	5				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	HDPE		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in):		42	Top Width (ft):	Top Width (ft):		
Width (in):		Bottom Width (f	Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in Water? No		Туре:				
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Dia	Outlet Pipe Diameter:			
Passtrough Cul	ough Culvert?NoSide of Ditch?		Right			
FLOW OBSEF	RVATION					
Flow Present:	No		Suspect Illicit Di	scharge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS					
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	Deposits / Stains:		
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:			Poor Pool Qualit	Poor Pool Quality:		

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH:	
Conductivity (µS/cm):	
Total Diss. Solids (mg/L):	
Potassium (mg/L):	
Ammonia (mg/L):	
Chlorine (mg/L):	

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFO		۱			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	05/05/2022	at 11:04 AM	Regulated Outfa	dl:	Yes
Watershed:	Halls Mill C	reek	Land Use:	Land Use:	
Latitude:	30.610814		Accuracy (m):	Accuracy (m):	
Longitude:	-88.164169				
OUTFALL TYP	E				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	RCP	
Pipe:			Swale:		
Number of Barrel	rrels: 1		Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):	65		Bottom Width (ft):		
Height (in):		40	Inlet:		
Submerged in W	d in Water? No		Туре:		
Submerged in Se	ediment?	No	Drop Inlet?:		
Outfall Under Str	ucture?	No	Outlet Pipe Dia	meter:	
Passtrough Culve	ert?	No	Side of Ditch?		Right
FLOW OBSER	VATION				
Flow Present:	No		Suspect Illicit Di	ischarge:	No
Comments:	Backwater	nto outfall;			
PHYSICAL IND	ICATORS				
Odor:			Outfall Damage:		
Oder Severity:		Deposits / Stains:			

Color:

Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Abnormal Vegetation:** 

**Pipe Benthic Growth:** 

**Poor Pool Quality:** 

Turbidity:





IDDE Program Outfall Screening Form







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OUTFALL INF						
Investigator:	C. Parker	Outfall ID:	LCC-041			
Date & Time:	05/13/2022 at 10:09 AM	Regulated Outfall:	Yes			
Watershed:	Lower Chasaw Creek	Land Use:	Residential			
Latitude:	30.622823	Accuracy (m):	0.8			
Longitude:	-88.072959					
OUTFALL TY	PE					
Outfall Type:	Swale	Condition: Good				
Shape:	Trapezoid	Material: Earth	en			
Pipe:		Swale:				
Number of Bar	rels:	Depth (ft):	7.0			
Diameter (in):		Top Width (ft):	22.0			
Width (in):		Bottom Width (ft):	13.0			
Height (in):		Inlet:				
Submerged in Water?		Туре:	Туре:			
Submerged in Sediment?		Drop Inlet?:				
Outfall Under Structure?		Outlet Pipe Diameter:				
Passtrough Cu	lvert?	Side of Ditch?	Right			
FLOW OBSEI	RVATION					
Flow Present:	No	Suspect Illicit Discharge	e: No			
Comments:	None					
PHYSICAL IN	DICATORS					
Odor:		Outfall Damage:				
Oder Severity:		Deposits / Stains:				
Color:		Abnormal Vegetation:	Abnormal Vegetation:			
Color Severity:		Poor Pool Quality:	Poor Pool Quality:			

Flotables:

Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIC	N			
Investigator:	C. Parker		Outfall ID:	LCC-042	
Date & Time:	05/10/202	2 at 03:20 PM	Regulated Out	fall: Yes	
Watershed:	Lower Cha	asaw Creek	Land Use:	Residential	
Latitude:	30.608141	l	Accuracy (m):	0.9	
Longitude:	-88.05896	1			
OUTFALL TY	PE				
Outfall Type:	Box Culve	rt	Condition:	Good	
Shape:			Material:	Concrete	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		144	Bottom Width (ft):		
Height (in):		60	Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Di	ameter:	
Passtrough Cu	lvert?	No	Side of Ditch?	Left	
FLOW OBSE	RVATION				
Flow Present:	No		Suspect Illicit I	Discharge: No	
Comments:	Backwater	r into outfall;			
PHYSICAL IN	DICATOR	S			
Odor:			Outfall Damage	9:	

Odor:	
Oder Severity:	
Color:	
Color Severity:	
Flotables:	
Floatables Severity:	

Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity:

Comments:

#### FIELD SCREENING

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





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**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		LCC-043
Date & Time:	05/10/2022 at 03:05 PM		Regulated Outfa	all:	Yes
Watershed:	Lower Chasaw Creek		Land Use:		Industrial
Latitude:	30.601705		Accuracy (m):		0.8
Longitude:	-88.06005	1			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	Concret	e
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		44	Bottom Width (	(ft):	
Height (in):		27	Inlet:		
Submerged in Water? Partially		Туре:			
Submerged in Sediment? No		Drop Inlet?:			
Outfall Under Structure? Yes		Outlet Pipe Dia	ameter:		
Passtrough Cul	Passtrough Culvert? No Side of Ditch? Left		Left		
FLOW OBSER	RVATION				
Flow Present:	Yes		Suspect Illicit D	ischarge:	No
Comments:	Nearest Ac	ccessible Point;			
PHYSICAL IN	DICATORS	\$			
Odor:			Outfall Damage	:	
Oder Severity:	Dder Severity:		Deposits / Stain	Deposits / Stains:	
Color:		Abnormal Vege	Abnormal Vegetation:		
Color Severity:		Poor Pool Qual	Poor Pool Quality:		

**Color Severity:** 

Flotables:

**Floatables Severity:** 

**Comments:** 

#### FIELD SCREENING

pH: Conductivity (µS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





IDDE Program Outfall Screening Form







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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N		
Investigator:	C. Parker		Outfall ID:	LCC-044
Date & Time:	05/10/2022	2 at 02:00 PM	Regulated Outfa	all: Yes
Watershed:	Lower Cha	saw Creek	Land Use:	Residential
Latitude:	30.598732		Accuracy (m):	0.9
Longitude:	-88.060808	3		
OUTFALL TY	PE			
Outfall Type:	Pipe		Condition:	Good
Shape:	Circular		Material:	Concrete
Pipe:			Swale:	
Number of Bar	rels:	1	Depth (ft):	
Diameter (in):		42	Top Width (ft):	
Width (in):			Bottom Width (	ft):
Height (in):			Inlet:	
Submerged in	Water?	No	Туре:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under S	Structure?	No	Outlet Pipe Dia	ameter:
Passtrough Cu	lvert?	No	Side of Ditch?	Left
FLOW OBSE	RVATION			
Flow Present:	Yes		Suspect Illicit D	ischarge: No

Comments:

None Debris is halfway blocking pipe

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

#### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





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OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	05/10/2022 at 01:34 PM		Regulated Outfa	all:	Yes	
Watershed:	Lower Chasaw Creek		Land Use:	Land Use:		
Latitude:	30.591589		Accuracy (m):	Accuracy (m):		
Longitude:	-88.064045					
OUTFALL TYP	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Barre	Number of Barrels: 1		Depth (ft):			
Diameter (in): 36		Top Width (ft):				
Width (in):		Bottom Width (ft):				
Height (in):		Inlet:				
Submerged in Water? No		Туре:				
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? Yes		Outlet Pipe Diameter:				
Passtrough Culvert? No		Side of Ditch?		Left		
FLOW OBSERVATION						
Flow Present:	No		Suspect Illicit Discharge:		No	
Comments:	Nearest Accessible Point;					
PHYSICAL INI	DICATORS	;				
Odor:		Outfall Damage:				
Oder Severity:		Deposits / Stains:				
Color:			Abnormal Vegetation:			
Color Severity:			Poor Pool Quality:			
Flotables:			Pipe Benthic Growth:			
Floatables Severity:			Turbidity:			

Comments:

#### FIELD SCREENING

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

Investigator:	C. Parker		Outfall ID:	LCC-047
Date & Time:	05/10/2022 at 01:00 PM		Regulated Out	fall: Yes
Watershed:	Lower Chasaw Creek		Land Use:	Residential
Latitude:	30.586003		Accuracy (m):	0.7
Longitude:	-88.06761			
OUTFALL TY	ΈE			
Outfall Type:	Pipe		Condition:	Good
Shape:	Arch		Material:	Concrete
Pipe:			Swale:	
Number of Barrels:		2	Depth (ft):	
Diameter (in):			Top Width (ft)	:
Width (in): 51		51	Bottom Width	(ft):
Height (in): 31		31	Inlet:	
Submerged in Water?		Partially	Туре:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under Structure? No		No	Outlet Pipe Diameter:	
Passtrough Cu	Ilvert?	Yes	Side of Ditch?	Left
FLOW OBSE	RVATION			
Flow Present:	No		Suspect Illicit I	Discharge: No

Comments: Backwater into outfall; Sediment blocks one pipe about halfway down the pipe

#### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



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IDDE Program Outfall Screening Form







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## **City of Mobile**

**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL IN	FORMATIO	N		
Investigator:	C. Parker		Outfall ID:	LCC-056
Date & Time:	05/10/2022 at 01:26 PM		Regulated Outf	all: Yes
Watershed:	Lower Chasaw Creek		Land Use:	Residential
Latitude:	30.590772		Accuracy (m):	0.9
Longitude:	-88.06453	7		
OUTFALL TY	ΡE			
Outfall Type:	Pipe		Condition:	Good
Shape:	Arch		Material:	Concrete
Pipe:			Swale:	
Number of Barrels:		1	Depth (ft):	
Diameter (in):			Top Width (ft):	
Width (in):		44	Bottom Width	(ft):
Height (in):		27	Inlet:	
Submerged in	Water?	No	Type:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under Structure? Y		Yes	Outlet Pipe Dia	ameter:
Passtrough Cu	lvert?	No	Side of Ditch?	Left
FLOW OBSE	RVATION			
Flow Present:	No		Suspect Illicit D	Discharge: No

Flow Present:

Suspect Illicit Discharge: No

Comments: Nearest Accessible Point; Picture taken at inlet across the street from NAP

#### **PHYSICAL INDICATORS**

Odor:
Oder Severity:
Color:
Color Severity:
Flotables:
Floatables Severity:

**Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality:** Pipe Benthic Growth: Turbidity:

Comments:

#### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIC	N			
Investigator:	C. Parker		Outfall ID:		LCC-058
Date & Time:	05/10/202	2 at 03:14 PM	Regulated Outf	all:	Yes
Watershed:	Lower Cha	asaw Creek	Land Use:		Residential
Latitude:	30.60321		Accuracy (m):		0.7
Longitude:	-88.05947				
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	Concret	e
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		Top Width (ft):			
Width (in):		58	Bottom Width	(ft):	
Height (in):		36	Inlet:		
Submerged in Water? No		Туре:			
Submerged in Sediment? No		Drop Inlet?:			
Outfall Under Structure? No		No	Outlet Pipe Diameter:		
Passtrough Culvert?		No	Side of Ditch?		Left
FLOW OBSER	RVATION				
Flow Present:	Yes		Suspect Illicit D	)ischarge:	No
Comments:	None				
PHYSICAL IN	DICATOR	5			
Odor:			Outfall Damage	:	
Oder Severity:		Deposits / Stains:			
Color:		Abnormal Vegetation:			
Color Severity:		Poor Pool Quality:			

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Pipe Benthic Growth:

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		LDR - 001	
Date & Time:	05/11/2022 at 10:57 AM		Regulated Outfal	I:	Yes	
Watershed:	Dog River	Lower	Land Use:	Land Use:		
Latitude:	30.604011		Accuracy (m):	Accuracy (m):		
Longitude:	-88.071709	)				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Arch		Material:	CMP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):	Depth (ft):		
Diameter (in):	Diameter (in):		Top Width (ft):	Top Width (ft):		
Width (in):	(in): 65		Bottom Width (ft	Bottom Width (ft):		
Height (in): 40		Inlet:	Inlet:			
Submerged in Water? No		Туре:	Туре:			
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Dian	neter:			
Passtrough Culvert? No		Side of Ditch?		Right		
FLOW OBSERVATION						
Flow Present:	Yes		Suspect Illicit Dis	scharge:	No	
Comments:	None Actua	al pipe measureme	ent 60"×40"			
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:		Deposits / Stains	Deposits / Stains:			
Color:		Abnormal Vegeta	Abnormal Vegetation:			
Color Severity:		Poor Pool Qualit	Poor Pool Quality:			
Flotables:		Pipe Benthic Gro	Pipe Benthic Growth:			
Floatables Severity:		Turbidity:	Turbidity:			
Comments:						

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:







IDDE Program Outfall Screening Form









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**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	05/05/2022 at 03:00 PM		Regulated Outfal	II:	Yes	
Watershed:	Lower Dog	River	Land Use:	Land Use:		
Latitude:	30.554181		Accuracy (m):	Accuracy (m):		
Longitude:	-88.125208					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	HDPE		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):	Depth (ft):		
Diameter (in):		36	Top Width (ft):	Top Width (ft):		
Width (in):			Bottom Width (ft):			
Height (in):		Inlet:	Inlet:			
Submerged in Water? No		No	Type:	Туре:		
Submerged in Sediment?		Partially	Drop Inlet?:	-		
Outfall Under Structure?		No	Outlet Pipe Diameter:			
Passtrough Culvert?		No	Side of Ditch?		Left	
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit Dis	scharge:	No	
Comments:	None					
PHYSICAL IN	DICATORS					
Odor:		Outfall Damage:				
Oder Severity:		Deposits / Stains	Deposits / Stains:			
Color:		Abnormal Vegeta	Abnormal Vegetation:			
Color Severity:		Poor Pool Quality:				
Flotables:			Pipe Benthic Gro	Pipe Benthic Growth:		

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Turbidity:





IDDE Program Outfall Screening Form







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**MS4** Program

**IDDE Program** Outfall Screening Form

Investigator:C. ParkerDate & Time:05/11/2022 at 10:0Watershed:Lower Dog RiverLatitude:30.600406	Outfall ID: 04 AM Regulated Outfa Land Use: Accuracy (m):	LDR-004 all: Yes Residential		
Watershed: Lower Dog River	Land Use:			
5		Residential		
Latitude: 30.600406	Accuracy (m):			
		0.9		
Longitude: -88.071865				
OUTFALL TYPE				
Outfall Type: Pipe	Condition:	Good		
Shape: Arch	Material:	Concrete		
Pipe:	Swale:			
Number of Barrels: 1	Depth (ft):			
Diameter (in):	Top Width (ft):	Top Width (ft):		
Width (in): 73	Bottom Width (	ft):		
Height (in): 45	Inlet:			
Submerged in Water? Parti	ially Type:	Туре:		
Submerged in Sediment? Parti	ially Drop Inlet?:			
Outfall Under Structure? Yes	Outlet Pipe Dia	imeter:		
Passtrough Culvert? No	Side of Ditch?	Left		
FLOW OBSERVATION				
Flow Present: No	Suspect Illicit D	ischarge: No		
<b>Comments:</b> Backwater into ou	tfall;			
PHYSICAL INDICATORS				
Odor:	Outfall Damage	:		
Oder Severity:	Deposits / Stain	Deposits / Stains:		
Color:	Abnormal Vege	Abnormal Vegetation:		
Color Severity:	Poor Pool Quali	Poor Pool Quality:		
Flotables:	Pipe Benthic Gr	Pipe Benthic Growth:		
Floatables Severity:	Turbidity:	Turbidity:		
Comments:				

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	LDR-005		
Date & Time:	05/05/2022	2 at 03:07 PM	Regulated Outfal	II: Yes		
Watershed:	Lower Dog River		Land Use:	Residential		
Latitude:	30.553964		Accuracy (m):	0.9		
Longitude:	-88.13038					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Fair		
Shape:	Arch		Material:	Concrete		
Pipe:			Swale:			
Number of Barr	els:	2	Depth (ft):			
Diameter (in):			Top Width (ft):	Top Width (ft):		
Width (in):		65	Bottom Width (f	t):		
Height (in):		40	Inlet:			
Submerged in Water? No		Туре:	Туре:			
Submerged in Sediment? Partially		Drop Inlet?:				
Outfall Under Structure? Yes		Outlet Pipe Diar	neter:			
Passtrough Culvert? Yes		Side of Ditch?	Right			
FLOW OBSERVATION						
Flow Present:	Yes		Suspect Illicit Dis	scharge: No		
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:		Deposits / Stains:				
Color:		Abnormal Vegetation:				
Color Severity:		Poor Pool Quality:				
Flotables:		Pipe Benthic Growth:				
Floatables Severity:		Turbidity:				
Comments:						

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):







Headwall damage







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION					
Investigator:	C. Parker		Outfall ID:	LDR-006	
Date & Time:	05/11/2022	2 at 10:16 AM	Regulated Outfa	II: Yes	
Watershed:	Lower Dog	River	Land Use:	Residential	
Latitude:	30.598784		Accuracy (m):	0.7	
Longitude:	-88.072817	7			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concrete	
Pipe:			Swale:		
Number of Bar	els:	1	Depth (ft):		
Diameter (in):		48	Top Width (ft):		
Width (in):			Bottom Width (f	t):	
Height (in):			Inlet:		
Submerged in V	Water?	Partially	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	structure?	No	Outlet Pipe Diar	neter:	
Passtrough Cu	lvert?	No	Side of Ditch?	Right	
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge: No	

**Comments:** Iron Oxidizing Bacteria (Algae and Sheen); ,Backwater into outfall;

#### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



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IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N					
Investigator:	C. Parker		Outfall ID:		LDR-007		
Date & Time:	05/11/2022 at 09:34 AM		Regulated Ou	tfall:	Yes		
Watershed:	Lower Dog	l River	Land Use:		Residential		
Latitude:	30.595677	,	Accuracy (m)	:	0.8		
Longitude:	-88.07416	5					
OUTFALL TY	PE						
Outfall Type:	Pipe		Condition:	Good			
Shape:	Circular		Material:	Concret	te		
Pipe:			Swale:				
Number of Bar	rels:	1	Depth (ft):				
Diameter (in):		48	Top Width (fl	):			
Width (in):			Bottom Width (ft):				
Height (in):			Inlet:	Inlet:			
Submerged in	Water?	No	Туре:				
Submerged in	Sediment?	No	Drop Inlet?:				
Outfall Under S	structure?	No	Outlet Pipe D	Outlet Pipe Diameter:			
Passtrough Cu	lvert?	No	Side of Ditch?	)	Right		
FLOW OBSE	RVATION						
Flow Present:	Yes		Suspect Illicit	Discharge:	No		
Comments:	Backwater	into outfall;					
PHYSICAL IN	DICATORS	\$					
Odor:			Outfall Damag	je:			
Oder Severity:			Deposits / Sta	ins:			
Color:			Abnormal Veg	getation:			

Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

**Turbidity:** 

Pipe Benthic Growth:





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

<b>OUTFALL INF</b>	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		LDR-008
Date & Time:	05/11/2022 at 09:15 AM		Regulated Outfa	all:	Yes
Watershed:	Lower Dog	g River	Land Use:		Residential
Latitude:	30.597109	1	Accuracy (m):		0.8
Longitude:	-88.07812	7			
OUTFALL TY	PE				
Outfall Type:	Box Culve	rt	Condition:	Good	
Shape:			Material:	Concrete	е
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		132	Bottom Width (	ft):	
Height (in):		36	Inlet:		
Submerged in \	Nater?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Dia	ameter:	
Passtrough Cul	vert?	Yes	Side of Ditch?		Left
FLOW OBSER	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No
Comments:	Backwater	into outfall;			
PHYSICAL IN	DICATORS	8			
Odor:			Outfall Damage	:	
Oder Severity:			Deposits / Stain	IS:	

Color:

Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Abnormal Vegetation:** 

Pipe Benthic Growth:

**Poor Pool Quality:** 

Turbidity:





IDDE Program Outfall Screening Form









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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	LDR-013		
Date & Time:	05/12/2022	2 at 02:11 PM	Regulated Outfall:	Yes		
Watershed:	Lower Dog	River	Land Use:	Residential		
Latitude:	30.597189		Accuracy (m):	0.9		
Longitude:	-88.092901					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition: Fair			
Shape:	Circular		Material: Conc	crete		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in): 42		42	Top Width (ft):			
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:	Inlet:		
Submerged in Water? No		No	Туре:			
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diameter:			
Passtrough Cul	vert?	No	Side of Ditch?	Left		
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit Discharg	e: No		
Comments:	None					
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:	Deposits / Stains:		
Color:			Abnormal Vegetation:	Abnormal Vegetation:		
Color Severity:			Poor Pool Quality:	Poor Pool Quality:		
Flotables:			Pipe Benthic Growth:			

Flotables: Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





### PHOTOGRAPHS



Headwall damage







IDDE Program Outfall Screening Form



**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		LDR-019
Date & Time:	05/12/202	2 at 08:31 AM	Regulated Outfa	II:	Yes
Watershed:	Lower Dog	g River	Land Use:		Residential
Latitude:	30.594538	3	Accuracy (m):		0.9
Longitude:	-88.09913	6			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	Concret	e
Pipe:			Swale:		
Number of Barrels: 1		Depth (ft):			
Diameter (in):		Top Width (ft):			
Width (in): 58		Bottom Width (f	t):		
Height (in): 36		Inlet:			
Submerged in	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	structure?	Yes	Outlet Pipe Diameter:		
Passtrough Cu	lvert?	No	Side of Ditch?		Left
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge:	No
Comments:	Nearest A	ccessible Point;			
PHYSICAL IN	DICATORS	5			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains	s:	
Color:			Abnormal Veget	ation:	

**Color Severity:** 

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

Turbidity:

Pipe Benthic Growth:





IDDE Program Outfall Screening Form











**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INI	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		LDR-020	
Date & Time:	05/12/2022 at 08:52 AM		Regulated Outf	all:	Yes	
Watershed:	Lower Dog	River	Land Use:		Residential	
Latitude:	30.594621		Accuracy (m):		0.8	
Longitude:	-88.099130	6				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Arch		Material:	CMP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):			Top Width (ft):			
Width (in):	Width (in): 65			Bottom Width (ft):		
Height (in):	Height (in): 40 Inle			Inlet:		
Submerged in Water? No		No	Туре:			
Submerged in Sediment? No		No	Drop Inlet?:			
Outfall Under S	Structure?	Yes	Outlet Pipe Dia	ameter:		
Passtrough Cu	lvert?	No	Side of Ditch?			
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit I	Discharge:	No	
Comments:	None Plas	tic coating on CMP				
PHYSICAL IN	DICATORS	3				
Odor:			Outfall Damage	):		
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Vegetation:			
Color Severity:			Poor Pool Qual	•		
Flotables:			Pipe Benthic Growth:			
Floatables Seve	erity:		Turbidity:			
Comments:						

#### FIELD SCREENING

pH:	Tempe
Conductivity (μS/cm):	Сорре
Total Diss. Solids (mg/L):	Nitrite
Potassium (mg/L):	Nitrate
Ammonia (mg/L):	Phosp
Chlorine (mg/L):	Deterg

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF		N				
Investigator:	C. Parker		0	utfall ID:		LDR-021
Date & Time:	05/12/2022	05/12/2022 at 08:55 AM		Regulated Outfall:		Yes
Watershed:	Lower Dog	l River	La	and Use:		Residential
Latitude:	30.594636	;	A	ccuracy (m):		0.9
Longitude:	-88.099104	4				
OUTFALL TY	PE					
Outfall Type:	Pipe		C	ondition:	Good	
Shape:	Arch		М	aterial:	Concret	e
Pipe:			S	wale:		
Number of Bar	rels:	1		Depth (ft):		
Diameter (in):				Top Width (ft)	:	
Width (in):		73		Bottom Width	(ft):	
Height (in):		45	In	let:		
Submerged in Water? No			Туре:			
Submerged in Sediment? No			Drop Inlet?:			
Outfall Under S	Structure?	Yes		Outlet Pipe Di	ameter:	
Passtrough Cu	lvert?	No	Si	de of Ditch?		Right
FLOW OBSE	RVATION					
Flow Present:	No		Si	uspect Illicit I	Discharge:	No
Comments:	None					
PHYSICAL IN	DICATORS	\$				
Odor:			0	utfall Damage	e:	
Oder Severity:			De	Deposits / Stains:		
Color: Abnormal Vegetation:						
Color Severity:			Po	oor Pool Qua	lity:	
Flotables:			Pi	pe Benthic G	irowth:	

Floatables Severity:

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		LDR-022
Date & Time:	05/05/2022	2 at 02:46 PM	Regulated Outfa	II:	Yes
Watershed:	Lower Dog	River	Land Use:		Commercial
Latitude:	30.576549		Accuracy (m):		0.8
Longitude:	-88.142506	3			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	RCP	
Pipe:			Swale:		
Number of Barrels: 1		Depth (ft):			
Diameter (in): 48		Top Width (ft):			
Width (in):		Bottom Width (ft):			
Height (in):		Inlet:			
Submerged in \	Water?	Partially	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Diar	Outlet Pipe Diameter:	
Passtrough Cul	vert?	No	Side of Ditch?		Left
FLOW OBSEF	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge:	No
Comments:	Backwater	into outfall;			
PHYSICAL IN	DICATORS	;			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains:		
Color:			Abnormal Vegetation:		
Color Severity:			Poor Pool Quality:		
Flotables:			Pipe Benthic Gro	owth:	
	•.		<b>—</b> • • • • •		

Floatables Severity:

Comments:

#### FIELD SCREENING

pH:	
Conductivity (µS/cm):	
Total Diss. Solids (mg/L):	
Potassium (mg/L):	
Ammonia (mg/L):	
Chlorine (mg/L):	

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form











**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION				
Investigator: C. Parker		Outfall ID:		8-023
Date & Time: 05/11/2022	at 12:40 PM	Regulated Outfa	II: Yes	
Watershed: Lower Dog F	River	Land Use:		idential
Latitude: 30.592234		Accuracy (m):	0.9	
Longitude: -88.103875				
OUTFALL TYPE				
Outfall Type: Pipe		Condition:	Fair	
Shape: Arch		Material:	Concrete	
Pipe:		Swale:		
Number of Barrels:	1	Depth (ft):		
Diameter (in):		Top Width (ft):		
Width (in):	65	Bottom Width (1	t):	
Height (in):	40	Inlet:		
Submerged in Water?	No	Type:		
Submerged in Sediment?	No	Drop Inlet?:		
Outfall Under Structure? No		Outlet Pipe Dia	meter:	
Passtrough Culvert?	No	Side of Ditch?	Righ	nt
FLOW OBSERVATION				
Flow Present: No		Suspect Illicit Di	scharge: No	
<b>Comments:</b> Backwater in	nto outfall;			
PHYSICAL INDICATORS				
Odor:		Outfall Damage:		
Oder Severity:		Deposits / Stain	s:	

Color:

Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Abnormal Vegetation:** 

Pipe Benthic Growth:

**Poor Pool Quality:** 

Turbidity:





### PHOTOGRAPHS



Headwall damage









**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INFORMATION					
Investigator:	C. Parker Outfall ID:		LDR-024		
Date & Time:	05/11/2022	at 12:32 PM	Regulated Outfa	all:	Yes
Watershed:	Lower Dog	River	Land Use:		Residential
Latitude:	30.588799		Accuracy (m):		0.6
Longitude:	-88.106321				
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	CMP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		60	Bottom Width (	ft):	
Height (in):		45	Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:	Drop Inlet?:	
Outfall Under S	structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	Yes	Side of Ditch?		Right
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL IN	FORMATIO	N				
Investigator:	C. Parker		Outfall ID:	LDR-025		
Date & Time:	05/11/202	2 at 12:04 PM	Regulated Outfa	II: Yes		
Watershed:	Lower Dog	g River	Land Use:	Residential		
Latitude:	30.580689	)	Accuracy (m):	0.9		
Longitude:	-88.09930	4				
OUTFALL TY	ΈE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	Concrete		
Pipe:			Swale:			
Number of Bar	rels:	4	Depth (ft):			
Diameter (in):		36	Top Width (ft):			
Width (in):			Bottom Width (f	ít):		
Height (in):			Inlet:			
Submerged in	Submerged in Water? Fully		Туре:			
Submerged in Sediment?		Partially	Drop Inlet?:			
Outfall Under Structure?		No	Outlet Pipe Dia	meter:		
Passtrough Cu	Ilvert?	Yes	Side of Ditch?	Right		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit Di	scharge: No		
Comments:	Backwater	r into outfall;				
PHYSICAL IN	DICATOR	S				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	Deposits / Stains:		
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:			Poor Pool Qualit	Poor Pool Quality:		
Flotables:			Pipe Benthic Gre	Pipe Benthic Growth:		
Floatables Seve	erity:		Turbidity:			
Comments:						
FIELD SCRE	ENING					
pH:			Temperature (°F):			
Conductivity (Clam);		Connor (mg/l)	$C_{annor}(mall)$			

Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:		LDR-028	
Date & Time:	05/10/2022 at 12:49 PM		Regulated Outf	all:	Yes	
Watershed:	Lower Dog	River	Land Use:		Residential	
Latitude:	30.58476		Accuracy (m):		0.8	
Longitude:	-88.086072	2				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	Concret	e	
Pipe:			Swale:			
Number of Barr	els:	3	Depth (ft):			
Diameter (in):		48	Top Width (ft):	Top Width (ft):		
Width (in):		Bottom Width (ft):				
Height (in):			Inlet:			
Submerged in Water? Partially		Туре:				
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Diameter:				
Passtrough Culvert?		Yes	Side of Ditch?		Right	
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit I	)ischarge:	No	
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS	8				
Odor:			Outfall Damage	):		
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Vegetation:			
Color Severity:			Poor Pool Qual	Poor Pool Quality:		

Flotables:

**Floatables Severity:** 

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF		N			
Investigator:	C. Parker		Outfall ID:		LDR-029
Date & Time:	05/05/2022	2 at 02:14 PM	Regulated Outfa	all:	Yes
Watershed:	Lower Dog	River	Land Use:		Residential
Latitude:	30.589042		Accuracy (m):	Accuracy (m):	
Longitude:	-88.128526	ò			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	RCP	
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		51	Bottom Width (	(ft):	
Height (in):		31	Inlet:		
Submerged in Water?		No	Туре:	Туре:	
cusinerged in t					
Submerged in S		Partially	Drop Inlet?:		
U U	Sediment?	Partially No	Drop Inlet?: Outlet Pipe Dia	ameter:	
Submerged in S	Sediment? tructure?	-	•	ameter:	Right
Submerged in S Outfall Under S	Sediment? tructure? vert?	No	Outlet Pipe Dia	ameter:	Right

**Comments:** Iron Oxidizing Bacteria (Algae and Sheen); ,Backwater into outfall;

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



(mg/L): nate (mg/L): ents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:		LDR - 030	
Date & Time:	05/13/2022 at 02:03 PM		Regulated Outfall	:	Yes	
Watershed:	Dog River Lower		Land Use:	Land Use:		
Latitude:	30.623682		Accuracy (m):	Accuracy (m):		
Longitude:	-88.103323					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Fair		
Shape:	Arch		Material:	CMP		
Pipe:			Swale:			
Number of Barrels:		1	Depth (ft):			
Diameter (in):			Top Width (ft):			
Width (in):		58	Bottom Width (ft)	Bottom Width (ft):		
Height (in): 3		36	Inlet:			
Submerged in Water?		No	Туре:			
Submerged in Sediment?		No	Drop Inlet?:	Drop Inlet?:		
Outfall Under Structure?		No	Outlet Pipe Diam	Outlet Pipe Diameter:		
Passtrough Cu	lvert?	No	Side of Ditch?	Side of Ditch?		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit Dis	charge:	No	
Comments:	Nearest A	ccessible Point; Ca	annot see through to Dog Ri	ver		
PHYSICAL IN	DICATOR	S				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:	Deposits / Stains:		
Color:			Abnormal Vegeta	tion:		

Color:

Color Severity:

Flotables:

Floatables Severity:

Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity:

Comments:

### FIELD SCREENING

pH:	Temp
Conductivity (μS/cm):	Сорр
Total Diss. Solids (mg/L):	Nitrit
Potassium (mg/L):	Nitrat
Ammonia (mg/L):	Phos
Chlorine (mg/L):	Deter

Comments:







IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INI	FORMATION				
Investigator:	C. Parker	Outfall ID:	LDR-031		
Date & Time:	05/11/2022 at 10:37 AM	Regulated Outfall:	Yes		
Watershed:	Lower Dog River	Land Use:	Residential		
Latitude:	30.602316	Accuracy (m):	0.7		
Longitude:	-88.072126				
OUTFALL TY	Έ				
Outfall Type:	Swale	Condition:	Good		
Shape:	Trapezoid	Material:	Earthen		
Pipe:		Swale:			
Number of Bar	rels:	Depth (ft):	6.0		
Diameter (in):		Top Width (ft):	20.0		
Width (in):		Bottom Width (ft):	5.0		
Height (in):		Inlet:			
Submerged in	Water?	Туре:			
Submerged in Sediment?		Drop Inlet?:			
Outfall Under Structure?		Outlet Pipe Diame	eter:		
Passtrough Culvert?		Side of Ditch?	Right		
FLOW OBSE	RVATION				
Flow Present:	No	Suspect Illicit Disc	<b>:harge:</b> No		
Comments:	None				
PHYSICAL IN	IDICATORS				
Odor:		Outfall Damage:			
Oder Severity:		Deposits / Stains:			
Color:		Abnormal Vegetati	Abnormal Vegetation:		
Color Severity:		-	Poor Pool Quality:		
Flotables:		-	Pipe Benthic Growth:		
Floatables Seve	erity:	Turbidity:			
Comments:					

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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IDDE Program Outfall Screening Form

OUTFALL IN	-ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	LDR-032		
Date & Time:	05/11/2022 at 10:09 AM		Regulated Outfall:	Yes		
Watershed:	Lower Dog River		Land Use:	Residential		
Latitude:	30.600435	i	Accuracy (m):	0.7		
Longitude:	-88.07180	3				
<b>OUTFALL TY</b>	PE					
Outfall Type:	Pipe		Condition: G	ood		
Shape:	Circular		Material: C	oncrete		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		36	Top Width (ft):			
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in	Water?	No	Туре:			
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under S	Structure?	Yes	Outlet Pipe Diamete	er:		
Passtrough Cu	lvert?	No	Side of Ditch?	Right		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit Disch	arge: No		
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATORS	6				
Odor:			Outfall Damage:			
Oder Severity:		Deposits / Stains:				
Color:			Abnormal Vegetatio	n:		
Color Severity:			Poor Pool Quality:			
Flotables:			Pipe Benthic Growth	Pipe Benthic Growth:		
Floatables Severity:		Turbidity:				
Comments:						

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:







PHOTOGRAPHS



At inlet upstream of outfall



Outfall under road





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IDDE Program Outfall Screening Form

	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	LDR-033	
Date & Time:	05/05/2022 at 02:29 PM		Regulated Outfa	II: Yes	
Watershed:	Lower Dog River		Land Use:	Residential	
Latitude:	30.586647		Accuracy (m):	0.8	
Longitude:	-88.130958	3			
OUTFALL TYPE					
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concrete	
Pipe:			Swale:		
Number of Barr	els:	3	Depth (ft):		
Diameter (in):		48	Top Width (ft):		
Width (in):		Bottom Width (ft):			
Height (in):		Inlet:			
Submerged in Water? Partially		Туре:			
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Dia	meter:	
Passtrough Cul	vert?	Yes	Side of Ditch?	Right	
FLOW OBSER	RVATION				
			Suspect Illicit Di	scharge: No	
Flow Present:	No		•	scharge. No	
Flow Present: Comments:		into outfall;	·	Scharge. NO	
	Backwater		·		
Comments:	Backwater		Outfall Damage:	-	
Comments: PHYSICAL IN	Backwater			-	
Comments: PHYSICAL IN Odor:	Backwater		Outfall Damage:	S:	
Comments: PHYSICAL IN Odor: Oder Severity:	Backwater		Outfall Damage: Deposits / Stains	s: ation:	

Floatables Severity:

Comments:

### FIELD SCREENING

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Turbidity:





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL IN	FORMATIC	N				
Investigator:	C. Parker		Outfall ID:	UDR-001		
Date & Time:	05/12/202	2 at 02:44 PM	Regulated Outfa	II: Yes		
Watershed:	Upper Dog River		Land Use:	Residential		
Latitude:	30.603944	ŀ	Accuracy (m):	0.8		
Longitude:	-88.10826	8				
OUTFALL TY	ΈE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	Concrete		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		54	Top Width (ft):			
Width (in):	Width (in):		Bottom Width (f	ít):		
Height (in):		Inlet:				
Submerged in	Water?	Partially	Туре:			
Submerged in Sediment? Pa		Partially	Drop Inlet?:			
Outfall Under S	Outfall Under Structure? Yes		Outlet Pipe Dia	meter:		
Passtrough Cu	Ilvert?	No	Side of Ditch?	Right		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit Di	scharge: No		
Comments:	Backwater	into outfall;				
PHYSICAL IN	DICATOR	6				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	Deposits / Stains:		
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:		Poor Pool Quality:				
Flotables:		Pipe Benthic Growth:				
Floatables Seve	erity:		Turbidity:	Turbidity:		
Comments:						
FIELD SCRE	ENING					
pH:			Temperature (°F)	Temperature (°F):		
Conductivity (uS/cm):			Copper (mg/L):	Copper (mg/L):		

Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form









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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-003
Date & Time:	05/12/2022 at 10:15 AM		Regulated Outfa	all:	Yes
Watershed:	Upper Dog River		Land Use:		Residential
Latitude:	30.624645		Accuracy (m):	Accuracy (m):	
Longitude:	-88.131884				
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	CMP	
Pipe:			Swale:		
Number of Barr	els:	2	Depth (ft):		
Diameter (in): 42		Top Width (ft):			
Width (in):		Bottom Width (ft):			
Height (in):		Inlet:			
Submerged in Water? No		Туре:			
Submerged in Sediment? No		Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diameter:		
Passtrough Culvert? Yes		Side of Ditch?		Right	
FLOW OBSER	RVATION				
Flow Present:	Yes		Suspect Illicit D	ischarge:	No
Comments:	Backwater	into outfall;			
PHYSICAL IN	DICATORS	\$			
Odor:		Outfall Damage	:		
Oder Severity:		Deposits / Stains:			
Color:			Abnormal Vegetation:		
Color Severity:			Poor Pool Quality:		
Flotables:		Pipe Benthic Growth:			
Flandalla a Oracia di tara			Trank falltere		

Comments:

**Floatables Severity:** 

### FIELD SCREENING

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

	ORMATION			
Investigator:	K. Chandler	Outfall ID:	UDR-005	
Date & Time:	06/30/2022 at 08:55 AM	Regulated Outfall:	Yes	
Watershed:	Upper Dog River	Land Use:	Residential	
Latitude:	30.606868	Accuracy (m):	0.9	
Longitude:	-88.100325			
OUTFALL TYP	ΡE			
Outfall Type:	Inlet	Condition: Good		
Shape:		Material:		
Pipe:		Swale:		
Number of Barre	els: 1	Depth (ft):		
Diameter (in):	36	Top Width (ft):		
Width (in):		Bottom Width (ft):		
Height (in):		Inlet:		
Submerged in W	/ater?	Туре:	Area / Pedestal	
Submerged in		Drop Inlet?:	No	
Sediment?Outfa	ll Under	Outlet Pipe Diameter:36		
Structure?Passt	rough	Side of Ditch?	Right	
FLOW OBSER				
FLOW OBSER	VATION			
Flow Present:	No	Suspect Illicit Discharge:	No	
Flow Present:	No Nearest Accessible Point; ,Cannot access actual outfall.			
Flow Present: Comments:	No Nearest Accessible Point; ,Cannot access actual outfall.			
Flow Present: Comments: PHYSICAL IND	No Nearest Accessible Point; ,Cannot access actual outfall.	access to measure; Could not		
Flow Present: Comments: PHYSICAL IND Odor:	No Nearest Accessible Point; ,Cannot access actual outfall.	access to measure; Could not Outfall Damage:		
Flow Present: Comments: PHYSICAL IND Odor: Oder Severity:	No Nearest Accessible Point; ,Cannot access actual outfall.	access to measure; Could not Outfall Damage: Deposits / Stains:		
Flow Present: Comments: PHYSICAL INE Odor: Oder Severity: Color:	No Nearest Accessible Point; ,Cannot access actual outfall.	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation:		
Flow Present: Comments: PHYSICAL INT Odor: Oder Severity: Color: Color Severity:	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality:		
Flow Present: Comments: PHYSICAL INT Odor: Oder Severity: Color: Color Severity: Flotables:	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth:		
Flow Present: Comments: PHYSICAL INT Odor: Oder Severity: Color: Color Severity: Flotables: Flotables Sever	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth:		
Flow Present: Comments: PHYSICAL INT Odor: Oder Severity: Color: Color Severity: Flotables: Floatables Sever Comments:	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth:		
Flow Present: Comments: PHYSICAL INE Odor: Oder Severity: Color: Color Severity: Flotables: Floatables Sever Comments: FIELD SCREE	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS ity:	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity:		
Flow Present: Comments: PHYSICAL INT Odor: Oder Severity: Color: Color Severity: Flotables: Flotables: Floatables Sever Comments: FIELD SCREE pH:	No Nearest Accessible Point; ,Cannot access actual outfall. DICATORS ity: NING /cm):	access to measure; Could not Outfall Damage: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity: Temperature (°F):		

Ammonia (mg/L):

Chlorine (mg/L):

Comments:



Phosphate (mg/L): Detergents (mg/L):





PHOTOGRAPHS

IDDE Program Outfall Screening Form

Pedestal Inlet



36 inch inlet junction box across street







**MS4** Program

### IDDE Program Outfall Screening Form

K. Chandler	Outfall ID:		UDR-007
06/30/2022 at 09:30 AM	Regulated Outfall:		Yes
Upper Dog River	Land Use:	Land Use:	
30.606687	Accuracy (m):	Accuracy (m):	
-88.083021			
PE			
Swale	Condition:	Fair	
Parabolic	Material:	Earthen	
	Swale:		
Number of Barrels:		Depth (ft):	
Diameter (in): Top Width (ft):		20.0	
Bottom Width (ft):		0.0	
	Inlet:		
Water?	Туре:		
Submerged in Sediment?		Drop Inlet?:	
Outfall Under Structure?		Outlet Pipe Diameter:	
Passtrough Culvert? Side of Ditch?			Right
RVATION			
No	Suspect Illicit D	ischarge:	No
	K. Chandler 06/30/2022 at 09:30 AM Upper Dog River 30.606687 -88.083021 PE Swale Parabolic rels: Water? Sediment? Structure? Ivert? RVATION	06/30/2022 at 09:30 AM       Regulated Outfat         Upper Dog River       Land Use:         30.606687       Accuracy (m):         -88.083021       Accuracy (m):         PE         Swale       Condition:         Parabolic       Material:         Swale:       Depth (ft):         Top Width (ft):       Bottom Width (ft):         Bottom Width (ft):       Bottom Width (ft):         Water?       Type:         Sediment?       Outlet Pipe Dia         Ivert?       Side of Ditch?	K. Chandler       Outfall ID:         06/30/2022 at 09:30 AM       Regulated Outfall:         Upper Dog River       Land Use:         30.606687       Accuracy (m):         -88.083021       -88.083021         PE         Swale       Condition:       Fair         Parabolic       Material:       Earthen         Swale:       Depth (ft):       Top Width (ft):         Inlet:       Type:       Sediment?         Water?       Type:       Drop Inlet?:         Structure?       Outlet Pipe Diameter:         Ivert?       Side of Ditch?

Comments:

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L):

Chlorine (mg/L):

Comments:



Turbidity: Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L):

Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form







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**MS4 Program** 

IDDE Program Outfall Screening Form

Date & Time: 05/12		Outfall ID:		UDR-009
	2/2022 at 12:30 PM	Regulated Outfall:		Yes
Watershed: Uppe	er Dog River	Land Use:		Industrial
Latitude: 30.62	25643	Accuracy (m):		0.6
Longitude: -88.1	33922			
OUTFALL TYPE				
Outfall Type: Pipe		Condition:	Good	
Shape: Circu	ılar	Material:	CMP	
Pipe:		Swale:		
Number of Barrels:	1	Depth (ft):		
Diameter (in): 21		Top Width (ft):		
Width (in):		Bottom Width (ft):		
Height (in):		Inlet:		
Submerged in Water?	No	Type:		
Submerged in Sedimer	nt? No	Drop Inlet?:		
Outfall Under Structure	? No	Outlet Pipe Diameter:		
Passtrough Culvert?	No	Side of Ditch?		Right
FLOW OBSERVATI	ON			
Flow Present: Yes		Suspect Illicit D	ischarge:	No
Comments: Back	water into outfall;			
PHYSICAL INDICAT				

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	-
Conductivity (μS/cm):	(
Total Diss. Solids (mg/L):	I
Potassium (mg/L):	I
Ammonia (mg/L):	I
Chlorine (mg/L):	I

Comments:







IDDE Program Outfall Screening Form









**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-010
Date & Time:	05/12/2022 at 11:54 AM		Regulated Outfa	ıll:	Yes
Watershed:	Upper Dog	River	Land Use:		Industrial
Latitude:	30.625755		Accuracy (m):		0.8
Longitude:	-88.134116	3			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	HDPE	
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		18	Top Width (ft):		
Width (in):			Bottom Width (	Bottom Width (ft):	
Height (in):			Inlet:		
Submerged in Water? No Type:					
Submerged in Sediment? No Drop Inlet?:					
Outfall Under S	tructure?	No	Outlet Pipe Dia	meter:	
Passtrough Cul	vert?	Yes	Side of Ditch?		Right
FLOW OBSER	RVATION				
Flow Present:	No		Suspect Illicit Di	ischarge:	No

Comments:

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4 Program** 

IDDE Program Outfall Screening Form

Investigator:	C. Parker		Outfall ID:	UDR-011
Date & Time:	05/13/202	2 at 09:59 AM	Regulated Out	fall: Yes
Watershed:	Upper Dog	g River	Land Use:	Residential
Latitude:	30.612015	5	Accuracy (m):	0.8
Longitude:	-88.07720	5		
OUTFALL TY	ΈE			
Outfall Type:	Pipe		Condition:	Good
Shape:	Circular		Material:	Concrete
Pipe:			Swale:	
Number of Bar	rels:	1	Depth (ft):	
Diameter (in):		36	Top Width (ft)	:
Width (in):			Bottom Width	(ft):
Height (in):			Inlet:	
Submerged in	Water?	No	Type:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under S	Structure?	Yes	Outlet Pipe Di	ameter:
Passtrough Cu	Ilvert?	No	Side of Ditch?	Right
FLOW OBSE	RVATION			
Flow Present:	Yes		Suspect Illicit I	Discharge: No

Comments: Iron Oxidizing Bacteria (Algae and Sheen);

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

Comments:



Hydro Engineering Solutions



IDDE Program Outfall Screening Form

PHOTOGRAPHS

Taken at inlet east of location point







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION							
Investigator:	C. Parker		Outfall ID:	Outfall ID:			
Date & Time:	04/22/2022 at 09:07 AM		Regulated Outfa	II:	Yes		
Watershed:	Upper Dog	River	Land Use:		Residential		
Latitude:	30.622826		Accuracy (m):	Accuracy (m):			
Longitude:	-88.145641						
OUTFALL TY	PE						
Outfall Type:	Pipe		Condition:	Good			
Shape:	Circular		Material:	RCP			
Pipe:			Swale:				
Number of Barr	els:	1	Depth (ft):				
Diameter (in):		36	Top Width (ft):	Top Width (ft):			
Width (in):			Bottom Width (ft):				
Height (in):			Inlet:				
Submerged in Water? No		Туре:					
Submerged in S	Sediment?	Partially	Drop Inlet?:				
Outfall Under Structure? No		Outlet Pipe Diameter:					
Passtrough Culvert? No		Side of Ditch?		Right			
FLOW OBSEF	RVATION						
Flow Present:	No		Suspect Illicit Di	scharge:	No		
Comments:	None						
PHYSICAL IN	DICATORS	:					
Odor:			Outfall Damage:				
Oder Severity:			Deposits / Stains	6:			
Color:			Abnormal Vegetation:				
Color Severity:			Poor Pool Quality:				
Flotables:			Pipe Benthic Growth:				
Floatables Seve	rity:		Turbidity:	Turbidity:			

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:	UDR-014		
Date & Time:	04/22/2022 at 09:35 AM		Regulated Outfall:	Yes		
Watershed:	Upper Dog	River	Land Use:	Residential		
Latitude:	30.62463		Accuracy (m):	0.7		
Longitude:	-88.144799					
OUTFALL TYPE						
Outfall Type:	Pipe		Condition: Go	od		
Shape:	Circular		Material: Co	ncrete		
Pipe:			Swale:			
Number of Barro	els:	1	Depth (ft):			
Diameter (in):		48	Top Width (ft):			
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in Water? No		Туре:				
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under St	tructure?	No	Outlet Pipe Diameter:			
Passtrough Cul	vert?	No	Side of Ditch?	Right		
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit Discha	rge: No		
Comments:	None					
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Vegetation	:		
Color Severity:			Poor Pool Quality:			
Flotables:			Pipe Benthic Growth:			
Floatables Severity:			Turbidity:			

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION						
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	04/22/2022 at 08:38 AM		Regulated Outfall	:	Yes	
Watershed:	Upper Dog	River	Land Use:		Residential	
Latitude:	30.62572		Accuracy (m):	Accuracy (m):		
Longitude:	-88.144321					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in):		48	Top Width (ft):	Top Width (ft):		
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in Water? No		Туре:				
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diameter:			
Passtrough Cul	vert?	No	Side of Ditch?		Right	
FLOW OBSEF	RVATION					
Flow Present:	No		Suspect Illicit Dis	charge:	No	
Comments:	None					
PHYSICAL IN	DICATORS					
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Vegetation:			
Color Severity:			Poor Pool Quality:			
Flotables:			Pipe Benthic Growth:			
Floatables Severity:			Turbidity:			

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	UDR-016	
Date & Time:	05/13/2022	05/13/2022 at 11:02 AM		II: Yes	
Watershed:	Upper Dog	River	Land Use:	Residentia	al
Latitude:	30.621283	30.621283		0.9	
Longitude:	-88.085657	7			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concrete	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):		42	Top Width (ft):		
Width (in):			Bottom Width (	it):	
Height (in):			Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	structure?	No	Outlet Pipe Diameter:		
Passtrough Cu	lvert?	No	Side of Ditch?		
FLOW OBSE	RVATION				
Flow Present:	No		Suspect Illicit D	scharge: No	
Comments:	None				
PHYSICAL IN	DICATORS	;			
Odor:			Outfall Damage		
Oder Severity:			Deposits / Stain	5:	
Color:			Abnormal Vege	ation:	
Color Severity:			Poor Pool Quali	ty:	
Flotables:			Pipe Benthic Gr	owth:	

**Floatables Severity:** 

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4 Program** 

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-018
Date & Time:	05/13/2022	2 at 12:37 PM	Regulated Outfa	all:	Yes
Watershed:	Upper Dog	l River	Land Use:		Residential
Latitude:	30.623199	)	Accuracy (m):		0.9
Longitude:	-88.093424	4			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Other: 1 a	rch, 1 circular	Material:	Other:	Arch: concrete. Circle: CP
Pipe:			Swale:		
Number of Barr	rels:	2	Depth (ft):		
Diameter (in):			Top Width (ft):		
Width (in):		65	Bottom Width (	(ft):	
Height (in):		40	Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	structure?	No	Outlet Pipe Dia	ameter:	
Passtrough Cu	lvert?	No	Side of Ditch?		Left
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No
Comments:	None				

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4 Program** 

IDDE Program Outfall Screening Form

<b>OUTFALL INI</b>	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	UDR-021	
Date & Time:	05/13/2022 at 01:36 PM		Regulated Outfall:	Yes	
Watershed:	Upper Dog	g River	Land Use:	Commercial	
Latitude:	30.637526	i	Accuracy (m):	0.8	
Longitude:	-88.09056	7			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition: Go	od	
Shape:	Circular		Material: Co	ncrete	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):		72	Top Width (ft):		
Width (in):			Bottom Width (ft):		
Height (in):			Inlet:		
Submerged in	Submerged in Water? Partially		Туре:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Diameter		
Passtrough Cu	lvert?	No	Side of Ditch?	Left	
FLOW OBSE	RVATION				
Flow Present:	No		Suspect Illicit Discha	rge: No	
Comments:	Backwater	into outfall;			
PHYSICAL IN	DICATORS	6			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains:		
Color:			Abnormal Vegetation:		
Color Severity:			Poor Pool Quality:		
Flotables:			Pipe Benthic Growth:		

**Floatables Severity:** 

Comments:

### FIELD SCREENING

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Turbidity:





IDDE Program Outfall Screening Form









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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		UDR-043	
Date & Time:	05/10/2022	at 09:42 AM	Regulated Outfa	II:	Yes	
Watershed:	Upper Dog	River	Land Use:		Residential	
Latitude:	30.635173		Accuracy (m):		0.8	
Longitude:	-88.117726	i				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):	Depth (ft):		
Diameter (in):		36	Top Width (ft):	Top Width (ft):		
Width (in):		Bottom Width (ft):				
Height (in):	Height (in):		Inlet:			
Submerged in V	Submerged in Water? No		Туре:			
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diar	Outlet Pipe Diameter:		
Passtrough Cul	vert?	No	Side of Ditch?	Side of Ditch?		
FLOW OBSEF	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	;				
Odor:	Odor:		Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Veget	Abnormal Vegetation:		
Color Severity:			Poor Pool Qualit	Poor Pool Quality:		
Flotables:			Pipe Benthic Gro	Pipe Benthic Growth:		
Floatables Severity:			Turbidity:	Turbidity:		

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	05/10/2022	2 at 09:42 AM	Regulated Outfa	Regulated Outfall:		
Watershed:	Upper Dog	River	Land Use:		Residential	
Latitude:	30.636942		Accuracy (m):		0.8	
Longitude:	-88.117968					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Arch		Material:	RCP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in):			Top Width (ft):			
Width (in): 65		65	Bottom Width (ft):			
Height (in): 40		Inlet:				
Submerged in V	Vater?	No	Туре:			
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diameter:			
Passtrough Cul	vert?	No	Side of Ditch?	Side of Ditch?		
FLOW OBSER	RVATION					
Flow Present:	Yes		Suspect Illicit D	ischarge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	;				
			Outfall Damage	:		
Odor:			-	Deposits / Stains:		
Odor: Oder Severity:			Deposits / Stain	s:		
			Deposits / Stain Abnormal Vege			

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Pipe Benthic Growth:

**Turbidity:** 





IDDE Program Outfall Screening Form











**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker	C. Parker		Outfall ID:		UDR-046
Date & Time:	04/21/2022	04/21/2022 at 01:26 PM		Regulated Outfa	all:	Yes
Watershed:	Upper Dog	g River		Land Use:		Residential
Latitude:	30.628815	i		Accuracy (m):		0.9
Longitude:	-88.13589	-88.13589				
OUTFALL TY	PE					
Outfall Type:	Pipe			Condition:	Good	
Shape:	Arch			Material:	RCP	
Pipe:				Swale:		
Number of Barr	Number of Barrels: 1			Depth (ft):		
Diameter (in):				Top Width (ft):		
Width (in): 40			Bottom Width (ft):			
Height (in): 65			Inlet:			
Submerged in \	Nater?	Partially		Туре:		
Submerged in S	Sediment?	No		Drop Inlet?:		
Outfall Under S	structure?	No		Outlet Pipe Diameter:		
Passtrough Cul	lvert?	No		Side of Ditch?		Left
FLOW OBSE	RVATION					
Flow Present:	No			Suspect Illicit D	ischarge:	No
Comments:	None					
PHYSICAL IN	DICATORS	\$				
Odor:				Outfall Damage	:	
Oder Severity:				Deposits / Stains:		
Color:				Abnormal Vegetation:		

Color: Color Severity:

Flotables:

**Floatables Severity:** 

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

Turbidity:

Pipe Benthic Growth:





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		UDR-047	
Date & Time:	04/21/2022	2 at 01:12 PM	Regulated Outfa	dl:	Yes	
Watershed:	Upper Dog	g River	Land Use:		Residential	
Latitude:	30.628884		Accuracy (m):		0.7	
Longitude:	-88.135149	9				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Exceller	nt	
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in):	Diameter (in): 42		Top Width (ft):	Top Width (ft):		
Width (in):			Bottom Width (	ft):		
Height (in):			Inlet:			
Submerged in Water? No		Туре:				
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Dia	meter:		
Passtrough Cul	vert?	No	Side of Ditch?		Left	
FLOW OBSEF	RVATION					
Flow Present:	Yes		Suspect Illicit Di	ischarge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	5				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Oder Severity:	Color:			Abnormal Vegetation:		
-			Abnormal Veget	auon:		
-			Abnormal Veget Poor Pool Quali			
Color:			-	ty:		

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker			Outfall ID:		UDR-048
Date & Time:	04/21/2022	at 01:03 PM	l	Regulated Out	fall:	Yes
Watershed:	Upper Dog	River	l	Land Use:		Residential
Latitude:	30.62905			Accuracy (m):		0.6
Longitude:	-88.135066	;				
OUTFALL TY	PE					
Outfall Type:	Pipe		(	Condition:	Good	
Shape:	Circular		ļ	Material:	CMP	
Pipe:			:	Swale:		
Number of Barr	els:	1		Depth (ft):		
Diameter (in):		48		Top Width (ft)	:	
Width (in):				Bottom Width	(ft):	
Height (in):			I	Inlet:		
Submerged in \	Water?	No		Туре:		
Submerged in S	Sediment?	No		Drop Inlet?:		
Outfall Under S	tructure?	No		Outlet Pipe Di	ameter:	
Passtrough Cul	vert?	No	:	Side of Ditch?		Left
FLOW OBSER	RVATION					
Flow Present:	Yes		:	Suspect Illicit I	Discharge:	No

Comments: Green Algae; ,Backwater into outfall; Some washout around outfall

### **PHYSICAL INDICATORS**

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### **FIELD SCREENING**

pH:	Temperature (°F):
Conductivity (μS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L)

**Comments:** 



(mg/L): mg/L): (mg/L): ate (mg/L): ents (mg/L):

















**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF		N				
Investigator:	C. Parker		Outfall ID:	UDR-049		
Date & Time:	04/21/2022	2 at 12:40 PM	Regulated Outfall:	Yes		
Watershed:	Upper Dog	g River	Land Use:	Residential		
Latitude:	30.631055	i	Accuracy (m):	0.8		
Longitude:	-88.13365	3				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Excellent		
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		36	Top Width (ft):			
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in	Water?	No	Туре:			
Submerged in	Sediment?	No	Drop Inlet?:			
Outfall Under S	Structure?	? No Outlet Pipe		er:		
Passtrough Cu	lvert?	No	Side of Ditch?	Left		
FLOW OBSE	RVATION					
Flow Present:	No		Suspect Illicit Disch	narge: No		
Comments:	None					
PHYSICAL IN	DICATORS	8				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Vegetation	on:		
Color Severity: Poor Pool Quality:						
Flotables:			Pipe Benthic Growt	Pipe Benthic Growth:		

Floatables Severity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form









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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	UDR-051	
Date & Time:	04/21/2022	2 at 12:53 PM	Regulated Outfall:	Yes	
Watershed:	Upper Dog	River	Land Use:	Residential	
Latitude:	30.631715		Accuracy (m):	0.7	
Longitude:	-88.133266	6			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition: Go	od	
Shape:	Circular		Material: CM	1P	
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		48	Top Width (ft):		
Width (in):			Bottom Width (ft):		
Height (in):			Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under Structure? No		Outlet Pipe Diameter	:		
Passtrough Cu	lvert?	No	Side of Ditch?	Left	
FLOW OBSEI	RVATION				
Flow Present:	Yes		Suspect Illicit Discha	rge: No	
Comments:	None				
PHYSICAL IN	DICATORS	;			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains:		
Color:	Abnormal Vegetation:			:	
Color Severity: Poor Pool Quality:					
Flotables: Pipe Benthic Growth:					

**Floatables Severity:** 

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program** Outfall Screening Form

OUTFALL IN	FORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	04/21/2022	2 at 11:06 AM	Regulated Outfa	all:	Yes
Watershed:	Upper Dog	River	Land Use:		Commercial
Latitude:	30.636454		Accuracy (m):	Accuracy (m):	
Longitude:	-88.129837	7			
OUTFALL TY	ΈE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Arch		Material:	RCP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):	Depth (ft):	
Diameter (in):			Top Width (ft):	Top Width (ft):	
Width (in):		44	Bottom Width (	ft):	
Height (in):		27	Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	Ilvert?	No	Side of Ditch?	Side of Ditch? Right	
FLOW OBSE	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No

Comments: Iron Oxidizing Bacteria (Algae and Sheen); ,Green Algae;

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:
Color Severity: Flotables:	Poor Pool Quality: Pipe Benthic Growth:

Comments:

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):

**Comments:** 







IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	04/21/2022	2 at 10:29 AM	Regulated Outfa	11:	Yes
Watershed:	Upper Dog	River	Land Use:		Residential
Latitude:	30.637656		Accuracy (m):		0.7
Longitude:	-88.128773	3			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	CMP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):		42	Top Width (ft):		
Width (in):			Bottom Width (1	t):	
Height (in):			Inlet:		
Submerged in	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:	Drop Inlet?:	
Outfall Under S	structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	Yes	Side of Ditch?	Side of Ditch? Left	
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge:	No

Flow Present:

**Comments:** 

### **PHYSICAL INDICATORS**

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

#### FIELD SCREENING

pH: Conductivity (µS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		UDR-057	
Date & Time:	04/21/2022	2 at 10:57 AM	Regulated Outfal	I:	Yes	
Watershed:	Upper Dog	River	Land Use:		Industrial	
Latitude:	30.637557		Accuracy (m):	Accuracy (m):		
Longitude:	-88.128371	1				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Fair		
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Barr	rels:	1	Depth (ft):	Depth (ft):		
Diameter (in):		18	Top Width (ft):			
Width (in):			Bottom Width (ft):			
Height (in):			Inlet:			
Submerged in \	Nater?	No	Туре:			
Submerged in S	Sediment?	No	Drop Inlet?:			
Outfall Under S	structure?	No	Outlet Pipe Dian	neter:		
Passtrough Cul	lvert?	No	Side of Ditch?		Right	
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit Dis	scharge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	Deposits / Stains:		
Color:			Abnormal Vegetation:			

Color Severity:

Flotables: Floatables Severity: Deposits / Stains: Abnormal Vegetation: Poor Pool Quality: Pipe Benthic Growth: Turbidity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:















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**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	Outfall ID:		
Date & Time:	04/21/2022	2 at 10:50 AM	Regulated Outfa	Regulated Outfall:		
Watershed:	Upper Dog	g River	Land Use:	Land Use:		
Latitude:	30.638191		Accuracy (m):	Accuracy (m):		
Longitude:	-88.12752					
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	RCP		
Pipe:			Swale:			
Number of Bar	rels:	1	Depth (ft):			
Diameter (in):		21	Top Width (ft):			
Width (in):		Bottom Width (ft):				
Height (in):		Inlet:				
Submerged in Water? No		Туре:				
Submerged in Sediment? No		No	Drop Inlet?:			
Outfall Under Structure?		No	Outlet Pipe Dia	Outlet Pipe Diameter:		
Passtrough Culvert?		No	Side of Ditch?	Side of Ditch?		
FLOW OBSEI	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	\$				
Odor:			Outfall Damage:			
Oder Severity:		Deposits / Stains	Deposits / Stains:			
Color:			Abnormal Veget	Abnormal Vegetation:		

**Color Severity:** 

Flotables:

**Floatables Severity:** 

**Abnormal Vegetation: Poor Pool Quality:** Pipe Benthic Growth: Turbidity:

**Comments:** 

### FIELD SCREENING

pH: Conductivity (µS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







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**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:		UDR-062	
Date & Time:	04/21/2022	2 at 10:29 AM	Regulated Outfa	II:	Yes	
Watershed:	Upper Dog	River	Land Use:		Residential	
Latitude:	30.640239		Accuracy (m):	Accuracy (m):		
Longitude:	-88.125516	6				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Fair		
Shape:	Circular		Material:	CMP		
Pipe:			Swale:			
Number of Barrels: 1		1	Depth (ft):			
Diameter (in): 48		Top Width (ft):				
Width (in):		Bottom Width (ft):				
Height (in):			Inlet:			
Submerged in Water? No		Туре:				
Submerged in Sediment? No		Drop Inlet?:				
Outfall Under Structure? No		No	Outlet Pipe Diameter:			
Passtrough Cu	lvert?	No	Side of Ditch?		Left	
FLOW OBSEI	RVATION					
Flow Present:	Yes		Suspect Illicit Di	scharge:	No	
Comments:	None					
PHYSICAL IN	DICATORS	<b>S</b>				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains:			
Color:			Abnormal Veget	Abnormal Vegetation:		
			Describer 10	<b>.</b>		

Color Severity: Flotables:

Floatables Severity:

Comments:

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Poor Pool Quality:** 

**Turbidity:** 

Pipe Benthic Growth:

















**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL IN	ORMATIO	N		
Investigator:	C. Parker		Outfall ID:	UDR-063
Date & Time:	04/21/2022	2 at 10:29 AM	Regulated Outfa	III: Yes
Watershed:	Upper Dog	River	Land Use:	Residential
Latitude:	30.642063		Accuracy (m):	0.6
Longitude:	-88.124287	,		
OUTFALL TY	PE			
Outfall Type:	Pipe		Condition:	Excellent
Shape:	Circular		Material:	СМР
Pipe:			Swale:	
Number of Bar	rels:	1	Depth (ft):	
Diameter (in):		48	Top Width (ft):	
Width (in):			Bottom Width (	ft):
Height (in):			Inlet:	
Submerged in	Water?	No	Туре:	
Submerged in	Sediment?	No	Drop Inlet?:	
Outfall Under S	structure?	No	Outlet Pipe Dia	meter:
Passtrough Cu	lvert?	No	Side of Ditch?	Left
FLOW OBSE	RVATION			
Flow Present:	Yes		Suspect Illicit D	i <b>scharge:</b> No

**Comments:** 

### **PHYSICAL INDICATORS**

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### FIELD SCREENING

pH:
Conductivity (µS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form











**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:	Outfall ID:	
Date & Time:	05/10/2022	at 08:19 AM	Regulated Outfa	dl:	Yes
Watershed:	Upper Dog	River	Land Use:	Land Use:	
Latitude:	30.633385		Accuracy (m):		0.8
Longitude:	-88.116279	)			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	RCP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):		36	Top Width (ft):		
Width (in):			Bottom Width (	ft):	
Height (in):			Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	structure?	No	Outlet Pipe Dia	Outlet Pipe Diameter:	
Passtrough Cu	lvert?	No	Side of Ditch?		Right
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No

**Comments:** Iron Oxidizing Bacteria (Algae and Sheen); ,Backwater into outfall;

### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

**Comments:** 

### FIELD SCREENING

Temperature (°F):
Copper (mg/L):
Nitrite (mg/L):
Nitrate (mg/L):
Phosphate (mg/L):
Detergents (mg/L):





IDDE Program Outfall Screening Form







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IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N				
Investigator:	C. Parker		Outfall ID:	UDR-170		
Date & Time:	05/10/2022	2 at 10:21 AM	Regulated Outfal	I: Yes		
Watershed:	Upper Dog	River	Land Use:	Residential		
Latitude:	30.6098		Accuracy (m):	0.9		
Longitude:	-88.125544	1				
OUTFALL TY	PE					
Outfall Type:	Pipe		Condition:	Good		
Shape:	Circular		Material:	Concrete		
Pipe:			Swale:			
Number of Barr	els:	1	Depth (ft):			
Diameter (in):		42	Top Width (ft):			
Width (in):		Bottom Width (ft):				
Height (in):		Inlet:				
Submerged in Water? No		Туре:				
Submerged in Sediment? No		No	Drop Inlet?:			
Outfall Under Structure?		No	Outlet Pipe Dian	neter:		
Passtrough Culvert?		No	Side of Ditch?	Right		
FLOW OBSER	RVATION					
Flow Present:	No		Suspect Illicit Dis	scharge: No		
Comments:	None					
PHYSICAL IN	DICATORS	;				
Odor:			Outfall Damage:			
Oder Severity:			Deposits / Stains	:		
Color:			Abnormal Vegeta	Abnormal Vegetation:		
Color Severity:			Poor Pool Quality	y:		

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

Pipe Benthic Growth:

Turbidity:





IDDE Program Outfall Screening Form







**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INFORMATION							
Investigator:	C. Parker			Outfall ID:		UDR-171	
Date & Time:	05/12/2022 at 02:40 PM			Regulated Outfall:		Yes	
Watershed:	Upper Dog River			Land Use:		Residential	
Latitude:	30.603945			Accuracy (m):		0.6	
Longitude:	-88.108249						
OUTFALL TYPE							
Outfall Type:	be: Box Culvert			Condition:	on: Good		
Shape:	hape:			Material:	Concret	Concrete	
Pipe:				Swale:			
Number of Barrels:		1		Depth (ft):			
Diameter (in):				Top Width (ft):			
Width (in):		72		Bottom Width (ft):			
Height (in):		84		Inlet:			
Submerged in Water?		Partially		Туре:			
Submerged in Sediment?		Partially		Drop Inlet?:			
Outfall Under Structure?		No		Outlet Pipe Diameter:			
Passtrough Culvert?		Yes		Side of Ditch?		Right	
FLOW OBSERVATION							
Flow Present:	No		Suspect Illicit Discharge:		No		
Comments:	Backwater into outfall;						
PHYSICAL INDICATORS							
Odor:				Outfall Damage:			
Oder Severity:				Deposits / Stains:			
Color:				Abnormal Vegetation:			
Color Severity:				Poor Pool Quality:			
Flotables:				Pipe Benthic Growth:			
Floatables Severity:				Turbidity:			
Comments:							

### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:







IDDE Program Outfall Screening Form







Maintain Mobile
Clean Water, Clean Choices
0.0

**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-173
Date & Time:	05/13/2022	2 at 09:39 AM	Regulated Outfa	11:	Yes
Watershed:	Upper Dog	River	Land Use:		Residential
Latitude:	30.612287		Accuracy (m):		0.6
Longitude:	-88.077136	5			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	Concret	te
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		60	Top Width (ft):		
Width (in):			Bottom Width (f	t):	
Height (in):			Inlet:		
Submerged in Water? Partially		Type:			
Submerged in Sediment? No		Drop Inlet?:			
Outfall Under S	tructure?	No	Outlet Pipe Diar	neter:	
Passtrough Cul	vert?	Yes	Side of Ditch?		
FLOW OBSER	RVATION				
Flow Present:	No		Suspect Illicit Di	scharge:	No
Comments:	Backwater	into outfall;			
PHYSICAL IN	DICATORS	5			
Odor:			Outfall Damage:		
Oder Severity:			Deposits / Stains	5:	
Color:			Abnormal Vegetation:		
Color Severity:			Poor Pool Quality:		
Flotables:			Pipe Benthic Growth:		
Flotables:			Pipe Benthic Gro	owth:	

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form











**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-174
Date & Time:	05/12/2022	at 12:42 PM	Regulated Outfa	all:	Yes
Watershed:	Upper Dog	River	Land Use:		Residential
Latitude:	30.626449		Accuracy (m):		0.6
Longitude:	-88.135406	5			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Fair	
Shape:	Circular		Material:	CMP	
Pipe:			Swale:		
Number of Barr	els:	1	Depth (ft):		
Diameter (in):		30	Top Width (ft):		
Width (in):			Bottom Width (	ft):	
Height (in):			Inlet:		
Submerged in \	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	tructure?	No	Outlet Pipe Dia	meter:	
Passtrough Cul	vert?	No	Side of Ditch?		Right
FLOW OBSER	RVATION				
Flow Present:	Yes		Suspect Illicit D	ischarge:	No

**Comments:** Iron Oxidizing Bacteria (Algae and Sheen); ,Green Algae;

#### PHYSICAL INDICATORS

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

**Comments:** 

### FIELD SCREENING

pH:	Temperature (°F):
Conductivity (µS/cm):	Copper (mg/L):
Total Diss. Solids (mg/L):	Nitrite (mg/L):
Potassium (mg/L):	Nitrate (mg/L):
Ammonia (mg/L):	Phosphate (mg/L):
Chlorine (mg/L):	Detergents (mg/L):







### PHOTOGRAPHS



Joints fell into creek







IDDE Program Outfall Screening Form

<b>Maintain Mobile</b>
Clean Water, Clean Choices

**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATION	J				
Investigator:	C. Parker			Outfall ID:		UDR-175
Date & Time:	05/12/2022	at 01:28 PM		Regulated Outfa	all:	Yes
Watershed:	Upper Dog	River		Land Use:		Commercial
Latitude:	30.626274			Accuracy (m):		0.5
Longitude:	-88.135853					
OUTFALL TYP	ΡE					
Outfall Type:	Pipe			Condition:	Good	
Shape:	Circular			Material:	CMP	
Pipe:				Swale:		
Number of Barre	els:	1		Depth (ft):		
Diameter (in):		42		Top Width (ft):		
Width (in):				Bottom Width (	ft):	
Height (in):				Inlet:		
Submerged in Water? Partially			Туре:			
Submerged in Sediment? No			Drop Inlet?:			
Outfall Under Structure? No			Outlet Pipe Diameter:			
Passtrough Culv	/ert?	No		Side of Ditch?		Left
FLOW OBSER	VATION					
Flow Present:	No			Suspect Illicit D	ischarge:	No
Comments:	Backwater i	nto outfall;				
PHYSICAL INI	DICATORS					
Odor:				Outfall Damage	:	
Oder Severity:				Deposits / Stains:		
Color:				Abnormal Vegetation:		
Color Severity:	Color Severity:			Poor Pool Quality:		
Flotables:				Pipe Benthic Growth:		
Floatables Sever	ity:			Turbidity:		

Comments:

#### FIELD SCREENING

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

IDDE Program Outfall Screening Form

OUTFALL INF	ORMATIO	N		
Investigator:	C. Parker		Outfall ID:	UDR-176
Date & Time:	05/13/202	2 at 10:44 AM	Regulated Outfall:	Yes
Watershed:	Upper Dog	g River	Land Use:	Residential
Latitude:	30.61644		Accuracy (m):	0.8
Longitude:	-88.08186	6		
OUTFALL TY	PE			
Outfall Type:	Pipe		Condition: Fa	air
Shape:	Arch		Material: Co	oncrete
Pipe:			Swale:	
Number of Barı	rels:	1	Depth (ft):	
Diameter (in):			Top Width (ft):	
Width (in):		51	Bottom Width (ft):	
Height (in):		31	Inlet:	
Submerged in V	Water?	No	Туре:	
Submerged in S	Sediment?	No	Drop Inlet?:	
Outfall Under S	structure?	No	Outlet Pipe Diamete	er:
Passtrough Cu	lvert?	No	Side of Ditch?	Center
FLOW OBSEI	RVATION			
Flow Present:	No		Suspect Illicit Discha	arge: No
Comments:	None			
PHYSICAL IN	DICATOR	6		
Odor:			Outfall Damage:	
Oder Severity:			Deposits / Stains:	
Color:			Abnormal Vegetation	n:
Color Severity:			Poor Pool Quality:	

Flotables:

**Floatables Severity:** 

Comments:

#### FIELD SCREENING

pH: Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):

**Pipe Benthic Growth:** 

**Turbidity:** 





IDDE Program Outfall Screening Form









**MS4** Program

**IDDE Program Outfall Screening Form** 

OUTFALL INF	ORMATIO	N			
Investigator:	C. Parker		Outfall ID:		UDR-177
Date & Time:	04/22/2022	2 at 07:38 AM	Regulated Outfa	all:	Yes
Watershed:	Upper Dog	River	Land Use:		Residential
Latitude:	30.627453		Accuracy (m):		0.8
Longitude:	-88.143506	3			
OUTFALL TY	PE				
Outfall Type:	Pipe		Condition:	Good	
Shape:	Circular		Material:	CMP	
Pipe:			Swale:		
Number of Bar	rels:	1	Depth (ft):		
Diameter (in):		42	Top Width (ft):		
Width (in):			Bottom Width (	ft):	
Height (in):			Inlet:		
Submerged in V	Water?	No	Туре:		
Submerged in S	Sediment?	No	Drop Inlet?:		
Outfall Under S	Structure?	No	Outlet Pipe Dia	meter:	
Passtrough Cu	lvert?	No	Side of Ditch?		Right
FLOW OBSEI	RVATION				
Flow Present:	No		Suspect Illicit D	ischarge:	No

Suspect Illicit Discharge: No

Comments:

None Bottom has partially rusted away

### **PHYSICAL INDICATORS**

Odor:	Outfall Damage:
Oder Severity:	Deposits / Stains:
Color:	Abnormal Vegetation:
Color Severity:	Poor Pool Quality:
Flotables:	Pipe Benthic Growth:
Floatables Severity:	Turbidity:

Comments:

### **FIELD SCREENING**

pH:
Conductivity (μS/cm):
Total Diss. Solids (mg/L):
Potassium (mg/L):
Ammonia (mg/L):
Chlorine (mg/L):

Comments:



Temperature (°F): Copper (mg/L): Nitrite (mg/L): Nitrate (mg/L): Phosphate (mg/L): Detergents (mg/L):





IDDE Program Outfall Screening Form









**MS4** Program

### IDDE Program Outfall Screening Form

OUTFALL IN	FORMATION			
Investigator:	C. Parker	Outfall ID:	Outfall ID:	
Date & Time:	05/13/2022 at 01:02 PM	Regulated Outfall:		Yes
Watershed:	Upper Dog River	Land Use:		Other: Cemetery
Latitude:	30.635699	Accuracy (m):		0.8
Longitude:	-88.087517			
OUTFALL TY	ΈE			
Outfall Type:	Swale	Condition:	Good	
Shape:	Rectangle	Material:	Earthen	
Pipe:		Swale:		
Number of Barrels:		Depth (ft):		2.0
Diameter (in):		Top Width (ft):	Top Width (ft):	
Width (in):	Width (in):Bottom Width (ft):		:	12.0
Height (in):		Inlet:		
Submerged in Water?		Туре:		
Submerged in Sediment?		Drop Inlet?:		
Outfall Under Structure?		Outlet Pipe Diam	eter:	
Passtrough Culvert?		Side of Ditch?		Right
FLOW OBSE	RVATION			
Flow Present:	No	Suspect Illicit Disc	charge:	No
Comments:	Backwater into outfall;			
PHYSICAL IN	IDICATORS			
Odor:		Outfall Damage:		
Oder Severity:		Deposits / Stains:	Deposits / Stains:	
Color:		Abnormal Vegetat	Abnormal Vegetation:	
Color Severity:		Poor Pool Quality	Poor Pool Quality:	
Flotables:		Pipe Benthic Grov	Pipe Benthic Growth:	
Floatables Severity:		Turbidity:		
Comments:				
FIELD SCREI	ENING			
pH:		Temperature (°F):	Temperature (°F):	
Conductivity (μS/cm):		Copper (mg/L):	Copper (mg/L):	

Conductivity (μS/cm): Total Diss. Solids (mg/L): Potassium (mg/L): Ammonia (mg/L): Chlorine (mg/L):

Comments:



H<sup>ydro</sup> E<sup>NGINEERING</sup>

Nitrite (mg/L):

Nitrate (mg/L):

Phosphate (mg/L):

Detergents (mg/L):



IDDE Program Outfall Screening Form





