Appendix A:

Stormwater Facility Inventory

Basin A: No Name Slough

Basin B: Joe Leary Slough

Bay View Watershed Stormwater Management Plan Phase 2
Appendix A: Stormwater Facility Inventory

BASIN A: No Name Slough Basin										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
A-OUT	24"	74 LF	Coated Metal FM with Tide Gate		0.4			33, 34	1164	
	24"	74 LF	Coated Metal FM with Tide Gate			0.6		33, 34	1165	
	18"	73 LF	Coated Metal FM with Tide Gate		0.3			33, 34	1163	
	18"	73 LF	Coated Metal FM with Tide Gate			0.0		33, 34	1166	
A-C1	10 FT.	30 LF	CMP	4.4	-5.6	-5.6		33, 34	1160, 1161	
A-C2	13' W X 10' H	50 LF	Arched CMP		-9.5	-7.5	-0.040	33, 34	1159	
A-C64	36"									
A-C88	18"	40 LF	Concrete							
A-C87	24"	31 LF	Concrete							
A-C85	24"	54 LF	Concrete							
A-C86	24"	30 LF	CMP							
A-C72										
A-C84										
A-C71										
A-C83	10"		Ductile Iron							
A-C82	12"	40 LF	CPE							
A-C81										
A-C3	48"	30 LF	CMP							
A-X1	Cross Section									
			Top =	10' to 12'						
			Width at Water Surface =	5'						
			Freeboard =	2.5'-3'						
			Depth =	2.5'						
A-C4	36"	40 LF	CPE							
A-X2	Cross Section									

BASIN A: No Name Slough Basin										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Top =	14' to 15'						
			Width at Water Surface =	7'						
			Freeboard =	2.5'-3'						
			Depth =	2.5'						
A-X3	Cross Section									
			Top =	10' to 12'						
			Width at Water Surface =	5'						
			Freeboard =	2'						
			Depth =	2'						
A-C5	30"	30 LF	CPE							
A-C6	3.0' W X 2.5' H	6 LF	Box Culvert							
A-C7	30"	31 LF	CPE with 5' Wide Wingwalls							
A-C8	24"	80 LF	CPE							
	18"	75 LF	Concrete							
A-C9	24"	37 LF	Concrete							
	18"	35 LF	Concrete							
A-C10	24"	16 LF	CMP							
A-C11	24"	22 LF	CMP							
A-C12	24"	22 LF	CMP							
A-CB1			Type 2							
A-CB2			Type 2							
A-C13	24"	39 LF	CMP							
A-C14	4.0' W X 4.0' H	31 LF	Box Culvert / 24" CMP							
A-C15	12"	31 LF	Concrete							
A-C16	12"	30 LF	Concrete							
A-C17	18"	93 LF	Concrete							
A-C18	18"	63 LF	Concrete							
A-C19	12"	43 LF	Concrete							
A-CB3										
A-C20										
A-C21	36"	94 LF	Concrete							

BASIN A: No Name Slough Basin										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
	36"	94 LF	Concrete							
A-C22	36"	41 LF	Concrete							
A-C23	30"	53 LF	Concrete							
A-C24	18"	37 LF	Concrete							
A-C25	12"	31 LF	CPE							
A-C26	18" / 12"		Concrete							
A-C27	12"	63 LF	CPE							
A-C28	24"	69 LF	CPE / Concrete							
A-C29	12"		CPE							
A-C30										
A-CB4										
A-CB5										
A-C31										
A-CB6										
A-CB7										
A-CB8										
A-CB9										
A-C32										
A-C33	18"	43 LF	Concrete							
A-C34	18"	53 LF	Concrete							
A-C80	12"									
A-C35	12"	115 LF	Concrete							
A-C36	12"	71 LF	Concrete							
A-CB9										
A-C37	12"	116 LF	CMP							
A-C38	18"	87 LF	Concrete							
A-C39	18"	35 LF	CMP							
A-C40	12"	39 LF	Concrete							
A-C41	18"	31 LF	Concrete							
A-C41	10"	32 LF	Clay Tile							
A-C42	18"	40 LF	CPE							
A-C43	18"	40 LF	CPE							
A-C44	18"	48 LF	CPE							

BASIN A: No Name Slough Basin										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
A-C45	12"	34 LF	Concrete							
A-C46	18"	45 LF	Concrete							
A-C47	18"	24 LF	Concrete							
A-C48	12"	43 LF	Concrete							
A-C49	24"	45 LF	Concrete							
A-C50	18"	40 LF	CMP							
A-C51	18"	120 LF	Concrete							
A-C52	12"	45 LF	Concrete/Wood							
A-C53	18"	63 LF	Concrete							
A-CB10			Type 1							
A-C54	14"		CMP							
A-C55	12"	63 LF	Concrete							
A-C56	18"	48 LF	Concrete							
A-C57	30"	48 LF	CPE							
A-C88	36"		CPE							
A-C59	18"	49 LF	Concrete							
A-C81	30"		CPE							
A-C82	30"		CPE							
A-C83	30"									
A-C87	30"		CPE							
A-C64	36"									
A-C71	18"	40 LF	Concrete							
A-C84	24"	31 LF	Concrete (submerged)							
A-C72	24"	54 LF	Concrete							
A-C85	24"	30 LF	Buried CMP							
A-C86	18"	40 LF	Concrete							

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
Joe Leary Slough										
B-C1	(12) 4' dia. with Tide Gates									0+00
B-B1	Bridge	100 LF	Concrete							
B-X1	Cross Section									10+00
			GS =	3.8						44.9' LT
			Top =	2.8						27.8' LT
			Grade Break =	-1.3						18.0' LT
			Toe =		-3.9					9.0' LT
										Channel Width = 17.9'
			Toe =		-4.0					8.9' RT
			Grade Break =	-1.5						16.9' RT
			Top =	3.2						23.0' RT
			GS =	3.9						43.0' RT
B-X2	Cross Section									52+60
			GS =	6.9						33.1' LT
			Top =	6.5						26.9' LT
			Grade Break =	0.0						13.0' LT
			Toe =		-4.6					9.9' LT
										Channel Width = 17.0'
			Toe =		-4.6					7.1' RT
			Grade Break =	-1.6						13.1' RT
			Top =	3.4						23.6' RT
			GS =	4.2						64.7' RT
B-C2	15' w.X 11.5'h.	30 LF	Arched CMP		-6.7	-7.3	0.0200			In = 54+40, Out = 54+10
B-X3	Cross Section									55+60
			GS =	2.5						63.9' LT
			Top =	3.2						25.8' LT
			Grade Break =	-0.5						10.6' LT
			Toe =		-5.2					6.6' LT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
										Channel Width = 17.1'
			Toe =		-4.3					10.5' RT
			Grade Break =	-0.4						13.5' RT
			Top =	3.0						19.5' RT
			GS =	4.0						46.7' RT
Branch from the Southwest - Basin B-2 (Persons Road)										
B-C14	18"		Concrete							
Return to Joe Leary Slough										
B-X4	Cross Section									115+00
			GS =	6.8						60.3' LT
			Top =	6.3						24.8' LT
			Grade Break =	2.2						18.8' LT
			Grade Break =	0.6						9.2' LT
			Toe =		-3.8					6.4' LT
										Channel Width = 12.4'
			Toe =		-3.8					5.8' RT
			Grade Break =	0.2						8.8' RT
			Grade Break =	2.8						19.0' RT
			Top =	9.5						29.9' RT
			GS =	10.0						36.4' RT
B-B2	Bridge	74 LF	Concrete	10.5						117+30
B-X5	Cross Section									121+40
			GS =	4.7						49.5' LT
			Top =	6.1						19.3' LT
			Grade Break =	2.0						10.0' LT
			Toe =		-2.8					7.0' LT
										Channel Width = 14.3'
			Toe =		-3.0					7.3' RT
			Grade Break =	0.0						11.3' RT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Grade Break =	1.0						16.4' RT
			Top =	6.2						26.2' RT
			GS =	6.7						56.4' RT
B-X6	Cross Section									155+00
			Top =	6.8						25.1' LT
			Grade Break =	1.2						10.5' LT
			Toe =		-2.8					7.0' LT
										Channel Width = 15.7'
			Toe =		-1.5					8.7' RT
			Top =	4.9						21.5' RT
B-C3	15' w.X 11.5'h.	40 LF	Arched CMP with Concrete Footing		-2.7	-2.9	0.0050			In = 158+30, Out = 157+90
										158+10 @ CL Allen West Road
B-X7	Cross Section									160+60
			GS =	5.9						69.2' LT
			Top =	5.4						21.3' LT
			Grade Break =	1.3						7.9' LT
			Toe =		-1.7					2.9' LT
										Channel Width = 8.7'
			Toe =		-3.2					5.8' RT
			Grade Break =	0.8						10.3' RT
			Top =	6.1						23.6' RT
			GS =	5.7						76.3' RT
			GS =	7.9						101.1' RT
B-B3	Bridge		Wood	9.9						203+66
B-X8	Cross Section									203+66
	Wood Bridge		GS =	11.5						60.0' LT
			Top N. Side Bridge =	9.9						7.5' LT
			Toe =		-2.8					7.0.' LT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
										Channel Width = 12.7'
			Toe =		-2.8					5.7' RT
			Top S. Side Bridge =	9.9						7.5' LT
			GS =	14.1						60' RT
B-B4			Wood	12.3						211+52
B-X9	Cross Section									216+90
			GS =	11.4						117.5' LT
			Top =	10.9						19.3' LT
			Grade Break =	1.6						10.0' LT
			Toe =		-2.4					5.0' LT
										Channel Width = 11.4'
			Toe =		-2.3					6.4' RT
			Grade Break =	0.7						11.4' RT
			Top =	6.9						27.9' RT
			GS =	12.4						80.4' RT
B-C4	15' W. X 9' H.	24 LF	Arched CMP		-2.4	-2.4	0.0000			In = 219+21, Out 218+97
										219+09 @ CL Benson Heights Place
B-X10	Cross Section									220+20
			GS =	13.4						75.8' LT
			Top =	8.7						28.0' LT
			Grade Break =	1.3						12.4' LT
			Toe =		-1.2					7.4' LT
										Channel Width = 13.9'
			Toe =		-0.6					6.5' RT
			Grade Break =	1.4						9.5' RT
			Top =	8.0						19.5' RT
			GS =	10.4						42.1' RT
B-B5	Bridge		Wood	10.0						225+55

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
B-B6	Bridge		Wood							242+72
B-X11	Cross Section		Top Bridge (N. End) =	13.0						20.5' LT
			Toe =		-0.4					7.1' LT
										Channel Width = 14.3'
			Toe =		-0.4					7.2' RT
			Top Bridge (S. End) =	13.0						20.5' RT
B-X12	Cross Section									247+60
			GS =	13.1						53.9' LT
			Top =	13.4						25.3' LT
			Grade Break =	2.3						9.3' LT
			Toe =		-0.4					6.3' LT
										Channel Width = 11.3'
			Toe =		0.0					5.0' RT
			Grade Break =	2.0						7.0' RT
			Top =	13.7						25.0' RT
			GS =	12.2						63.5' RT
Joe Leary Slough Splits into Maiben Road Ditch and South Spur Ditch										249+25 = 500+00 @ Fork
South Spur Ditch										500+00 @ Fork
B-B7			Wood	17.4						500+97
B-X13	Cross Section									501+10
			GS =	13.7						73.5' LT
			Top =	13.3						24.0' LT
			Grade Break =	4.0						9.7' LT
			Toe =		0.0					6.7' LT
			Water Depth (date) =		1.4					Channel Width = 13.2'
			Toe =		0.0					6.5' RT
			Grade Break =	3.3						10.5' RT
			Top =	16.2						23.0' RT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			GS =	15.7						74.0' RT
B-X14	Cross Section									508+60
			GS =	15.7						56.0' LT
			Top =	16.2						23.8' LT
			Grade Break =	13.7						7.4' LT
			Toe =		-0.8					3.7' LT
			WaterDepth (date) =		1.4					Channel Width = 10.7'
			Toe =		0.2					7.0' RT
			Grade Break =	2.7						11.5' RT
			Top =	14.9						31.4' RT
B-X15	Cross Section									515+30
			GS =	9.6						67.8' LT
			Top =	8.6						17.1' LT
			Toe =		0.5					7.6' LT
			Water Depth (date) =		1.2					Channel Width = 13.4'
			Toe =		0.2					5.8' RT
			Top =	12.1						21.5' RT
			GS =	11.5						70.0' RT
B-X16	Cross Section									529+00
			GS =	6.0						61.3' LT
			Top =	6.6						11.8' LT
			Toe =		-0.3					4.3' LT
			Water Depth =		1.2					Channel Width = 10.9'
			Toe =		0.0					6.6' RT
			Top =	7.3						15.5' RT
			GS =	8.9						66.3' RT
B-X17	Cross Section									535+00
			GS =	6.6						65.9' LT
			Top =	7.3						14.3' LT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Toe =		0.5					7.8' LT
			Water Depth (date) =		1.2					Channel Width = 16.5'
			Toe =		0.5					8.7' RT
			Grade Break =	5.5						11.9' RT
			Top =	7.8						17.7' RT
			GS =	7.9						68.3' RT
B-X18	Cross Section									547+00
			GS =	6.1						60.7' LT
			Top =	6.3						10.6' LT
			Toe =		0.3					1.7' LT
			Water Depth (date) =		1.5					Channel Width = 3.9'
			Toe =		0.3					2.2' RT
			Grade Break =	4.5						6.5' RT
			Top =	7.4						13.0' RT
			GS =	8.4						65.3' RT
B-X30	Cross Section							64/65		553+71
			GS =	5.6						35.0' LT
			Top =	5.7						10.0' LT
			Toe =		-1.0					3.5' LT
			Water Depth (13JUL05) =		2.0					Channel Width = 7.0'
			Toe =		-1.0					3.5' RT
			Top =	6.4						12.0' RT
			GS =	7.2						40.0' RT
B-C5	14' w.X 9'h.	85 LF	Arched CMP @ Josh Wilson Road		0.8	1.8	-0.0118			555+14 @ C.L. Josh Wilson Rd
Branch from West (Josh Wilson Road)										
B-C8										
B-C9	12"	39 LF	CMP							
B-C10	18"	43 LF	Concrete							
B-C11	18"	250A LF	CMP							

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
Return to South Spur Ditch										
B-X31	Cross Section									556+38
			Top @ E.P. =	12.3						35.0' LT
			GS =	12.2						32.5' LT
			GS =	5.7						12.0' LT
			Top =	3.9						8.0' LT
			Toe =		0.2					7.5' LT
			Water Depth (13JUL05) =		1.9					Channel Width = 7.5'
			Toe =		0.2					0' LT-RT
			Top =	5.5						3.5' RT
			GS =	7.2						46.0' RT
B-X33	Cross Section									575+15
			Top @ E.P. =	11.7						29.5' LT
			Grade Break =	11.5						24.5' LT
			Top =	5.1						7.5' LT
			Toe =		0.4					5.0' LT
			Water Depth (13JUL05) =		1.8					Channel Width = 9.0'
			Toe =		0.4					4.0' RT
			Top =	7.0						9.5' RT
			GS =	7.9						49.5' RT
B-C6	13.5' w.X 9.5'h.	80 LF	Arched CMP @ Michael Place		-0.5	-0.1	-0.0050			576+00 @ C.L. Michael Road
B-X34	Cross Section									576+79
			Top @ E.P. =	12.0						29.0' LT
			Grade Break =	11.4						25.0' LT
			Top =	4.7						5.0' LT
			Toe =		0.5					3.0' LT
			Water Depth (13JUL05) =		1.7					Channel Width = 8.0'
			Toe =		0.5					5.0' RT
			Top =	7.5						10.0' RT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			GS =	8.1						51.0' RT
B-X19	Cross Section									589+40
			E.P. =	12.0						60.8' LT
			Top @ E.P. =	12.4						27.4' LT
			Grade Break =	5.4						4.2' LT
			Toe =		1.2					2.7' LT
			Water Depth =		2.3					Channel Width = 7.5'
			Toe =		1.1					4.8' RT
			Top =	8.9						11.8' RT
			GS =	9.0						61.8' RT
B-X35	Cross Section							58/59		594+87
			Top @ E.P. =	14.0						27.0' LT
			Grade Break =	13.6						23.5' LT
			Grade Break =	9.4						9.7' LT
			Top =	5.3						0.0' LT
			Toe =		2.3					2.0' RT
			Water Depth (13JUL05) =		0.4					Channel Width = 5.5'
			Toe =		2.3					7.5' RT
			Top =	9.3						15.5' RT
			GS =	9.9						55.0' RT
Field Ditch from South										
B-C16	36"	42 LF	CPE		2.30	2.38	-0.0019	58/59		0+08 on South Field Ditch
B-X37	Cross Section							62/63		1+38
			GS =	8.3						34.0' E
			Top =	9.2						9.0' E
			Toe =		3.1					1.0' E
			Water Depth (13JUL05) =		0.0					Channel Width = 2.0'
			Toe =		3.1					1.0' W

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Top =	9.2						8.0' W
			GS =	9.1						33.0' W
B-X38	Cross Section							62/63		9+21
			GS =	8.1						35.0' E
			Top =	8.9						11.0' E
			Toe =		3.0					3.0' E
			Water Depth (13JUL05) =		0.0					Channel Width = 6.0'
			Toe =		3.0					3.0' W
			Top =	7.9						8.5' W
			GS =	8.2						34.0' W
B-X39	Cross Section							62/63		12+79
			GS =	8.3						35.0' LT
			Top =	9.0						10.0' LT
			Toe =		2.9					2.0' LT
			Water Depth (13JUL05) =		0.0					Channel Width = 4.0'
			Toe =		2.9					2.0' RT
			Top =	8.6						9.0' RT
			GS =	8.6						34.0' RT
B-C17	18"	38 LF	Concrete		3.41	3.93	-0.0137	64/65		12+89 on South Field Ditch
Return to South Spur Ditch										
B-X36	Cross Section							58/59		596+56
			Top @ E.P. =	13.8						26.5' LT
			Grade Break =	13.3						23.0' LT
			Grade Break =	10.5						11.5' LT
			Top =	5.4						2.0' LT
			Toe =		1.9					0.5' RT
			Water Depth (13JUL05) =		0.8					Channel Width = 6.0'
			Toe =		1.9					6.5' RT
			Top =	9.5						15.5' RT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			GS =	9.3						53.5' RT
B-C7	14.2' w.X 10'h.	63 LF	Arched CMP @ Avon-Allen Road		3.0	3.6	-0.0095			In = 610+13, Out = 609+50
Maiben Road Ditch										249+25 @ Fork
B-X20	Cross Section									250+40
			GS =	11.9						63.6' LT
			Top =	11.1						12.7' LT
			Grade Break =	2.9						2.3' LT
			Toe =		0.4					0.7' RT
										Channel Width = 9.0'
			Toe =		0.2					9.7' RT
			Grade Break =	5.7						12.2' RT
			Top =	12.9						23.2' RT
			GS =	13.4						56.4' RT
B-B8	Bridge		Wood / Steel Cross Supports	15.3						253+60
B-X21	Cross Section									261+80
			GS =	11.7						70.0' LT
			Top =	12.4						19.7' LT
			Toe =		1.4					2.3' LT
			Water Depth (Date) =		2.5					Channel Width = 5.3'
			Toe =		1.1					3.0' RT
			Grade Break =	4.3						5.0' RT
			Top =	13.0						16.0' RT
			GS =	12.0						65.5' RT
B-X22	Cross Section									276+70
			GS =	12.8						68.2' LT
			Top =	12.2						15.5' LT
			Toe =		2.5					3.8' LT
			Water Depth =		3.5					Channel Width = 5.1'

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Toe =		1.6					1.3' RT
			Top =	13.3						12.8' RT
			GS =	12.4						47.8' RT
B-X23	Cross Section									292+25
			GS =	13.8						61.7' LT
			Top =	12.6						17.8' LT
			Grade Break =	6.0						4.1' LT
			Toe =		3.0					2.4' LT
			Water Depth (Date) =		4.7					Channel Width = 6.3'
			Toe =		3.7					3.9' RT
			Grade Break =	5.3						4.5' RT
			Top =	13.5						13.5' RT
			GS =	12.8						65.2' RT
B-X24	Cross Section									299+55
			GS =	14.4						41.3' LT
			Top =	14.0						16.7' LT
			Grade Break =	7.1						5.2' LT
			Toe =		3.7					1.0' LT
			Water Depth (Date) =		4.8					Channel Width = 6.2'
			Toe =		3.7					5.2' RT
			Top =	13.7						14.8' RT
			GS =	13.2						61.0' RT
B-B9	Bridge		Wood	15.9						306+30
B-X25	Cross Section									314+40
			GS =	17.2						60.9' LT
			Top =	17.0						22.4' LT
			Grade Break =	11.9						16.2' LT
			Grade Break =	7.0						4.0' LT
			Toe =		4.6					1.6' LT

BASIN B: Joe Leary Slough										
Desc.	Diameter/Width	Length	Material	Top	Inlet I.E.	Outlet I.E.	Slope	LL Page	Points	Station
			Water Depth (Date) =		5.2					Channel Width = 6.6'
			Toe =		4.1					5.0' RT
			Top =	16.7						16.7' RT
			GS =	16.6						60.3' RT
B-X26	Cross Section									324+60
			GS =	14.9						62.0' LT
			Top =	14.9						18.9' LT
			Grade Break =	10.5						11.1' LT
			Toe =		5.4					3.9' LT
			Water Depth =		5.9					Channel Width = 9.5'
			Toe =		5.4					5.6' RT
			Top =	16.8						20.0' RT
			GS =	16.3						58.7' RT
B-X40	Cross Section		GS =	16.0						68.9' LT
			Top =	16.7						19.7'LT
			Grade Break =	11.4						8.1' LT
			Toe =		6.2					0.3
			Water Depth =		7.4					Channel Width = 6.4'
			Toe =		6.5					6.1' RT
			Top =	15.4						15.4'RT
			GS =	15.5						66.4' RT
B-C15	14' W. X 9' H. CMP	50 LF	CMP		7.3	6.8	0.0100			In = 341+38, Out = 340+88
Basin B-3 (Persons Road)										
B-C12	18"		CMP							
B-C13	18"		Concrete							