2021 Financial Assurance Estimate Form

(with pre-plat construction)

	PROJECT INFORMATION	
MVEA SADDLEHORN RANCH	10/20/2021	
Project Name	Date	PCD File No. CDR-21-011

Updated: 12/22/2020

		11-15-	Unit			Total	(with Pre- % Complete		emaining
escription	Quantity	Units	Cost			Total	% Complete		emanning
ECTION 1 - GRADING AND EROSION CONTRO	L (Construction a	ind Perma	nent BMPs)	1000					
* Earthwork		0.7) =	1.	······		\$	
less than 1,000; \$5,300 min		CY	\$ 8.0		\$		CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	\$	
1,000-5,000; \$8,000 min		CY	\$ 6.0	····•	\$		A THE RESIDENCE OF THE PARTY OF		
5,001-20,000; \$30,000 min		CY	\$ 5.0		\$	-	-	\$	
20,001-50,000; \$100,000 min		CY	\$ 3.5		\$		The second secon	\$	-
50,001-200,000; \$175,000 min		CY	\$ 2.5		\$		· Water Charles and American Company	\$	
greater than 200,000; \$500,000 min		CY	\$ 2.0) =	\$		******************************	\$	
* Permanent Seeding (inc. noxious weed mgmnt.)	4	AC	\$ 828.0) =	\$	3,378.24	The second control of	\$	3,378.2
* Mulching		AC	\$ 777.0) =	\$		2000	\$	-
* Permanent Erosion Control Blanket		SY	\$ 6.0) =	\$:•		\$	-
* Permanent Pond/BMP Construction		CY	\$ 21.0) =	\$	~		\$	-
* Permanent Pond/BMP (provide engineer's estimate)		EA	17 18 18 18	=	\$.=		\$	¥:
		EA	18 Page	=	\$	-	02072	\$	-
Safety Fence		LF	\$ 3.0) =	\$	-	117	\$	-
Temporary Erosion Control Blanket		SY	\$ 3.0) =	\$		7760	\$	-
Vehicle Tracking Control	3	EA	\$ 2,453.0) =	\$	7,359.00	5757.5	\$	7,359.0
Silt Fence	and the second second	LF	\$ 2.6		\$	-	100	\$	-
Temporary Seeding	TOTAL P	AC	\$ 650.0		\$	······································		\$	-
HI CHITTING TO THE TOTAL CONTROL OF THE TOTAL CONTR		AC	\$ 777.0		\$	-	200	\$	
Temporary Mulch	-	EA	\$ 26.0		\$	_	1000	\$	
Erosion Bales	842	LF	\$ 20.0		\$	4,210.00		\$	4,210.0
Erosion Logs/Straw Waddle	842		\$ 518.0		\$	7,210.00	1007	\$	7,210.0
Rock Check Dams		EA					-	\$	
Inlet Protection		EA	\$ 173.0		\$				
Sediment Basin		EA	\$ 1,824.0		\$			\$	
Concrete Washout Basin	0.00	EA	\$ 932.0		\$		112	\$	
				=	\$			\$	
[insert items not listed but part of construction plans]					\$	-	2.19	\$	
MA	INTENANCE (35%	6 of Const	ruction BMPs) =	\$	4,049.15		\$	4,049.
		Secti	on 1 Subtot	al –	4	18 996 39		- 75	18.996.3
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	PROJECT INFORMATION	
MVEA SADDLEHORN RANCH	10/20/2021	4000 STY 1129 PA
Project Name	Date	PCD File No. CDR-21-011

		Ouantity Units Cost			Total			(with Pre-Plat Construction) % Complete Remaining		
	cription	Quantity	Units	Cost				% Complete		
Commonte Box Cuburt (1) Standard), Size (W x H)	accept itams not listed but part of construction plans?									
Concrete Disc Culvert (M. Standard), Size (W. X. H.) LF S				Lesien et au marie						
167 Reinforced Concrete Pipe			I F	The state of the s		· \$	-		\$	-
Section Sect			S	\$ 67.00					and minimum	-
24 Reniforced Concrete Pipe										
Second contracter Pulpe			A						***************************************	-
Section Sect						aaaa kaa ka k				
1	VIII.VIII. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		CONTRACTOR						**************************************	
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See	4" Reinforced Concrete Pipe		LF	\$ 254.00	=	\$				-
See	0" Reinforced Concrete Pipe		LF	\$ 298.00	=	\$				
1	6" Reinforced Concrete Pipe		LF	\$ 344.00	=	\$	-		\$	-
18" Corrupated Steel Pipe	2" Reinforced Concrete Pipe		LF	\$ 393.00	=	\$	-		\$	
24" Corrupated Steel Pipe			LF	\$ 87.00	=	\$	-	2000	\$	_
Section Sect			LF	\$ 99.00	=	\$	4	A Property	\$	-
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Sat Corrugated Steel Pipe								- 15	0000-0000000000000000000000000000000000	
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EA								10000	1 +	
End Treatment - Cutoff Wall EA			EA		=	\$	-	THE STATE OF STATE OF	\$	-
EA	nd Treatment- Headwall		EA	100	=	\$			\$	-
End Treatment - Cutoff Wall Curb Inlet (Type R) L=5', Depth < 5' Curb Inlet (Type R) L=5', Depth < 10' EA \$ 5,736.00 = \$ - \$ \$ Curb Inlet (Type R) L=5', 10' 5 Depth < 10' EA \$ 7,440.00 = \$ - \$ \$ Curb Inlet (Type R) L=6', 10' 5 Depth < 15' EA \$ 8,637.00 = \$ - \$ \$ Curb Inlet (Type R) L=10', Depth < 5' EA \$ 7,894.00 = \$ - \$ \$ Curb Inlet (Type R) L=10', Depth < 5' EA \$ 10,185.00 = \$ - \$ \$ Curb Inlet (Type R) L=10', 10' 5 Depth < 15' EA \$ 10,185.00 = \$ - \$ \$ Curb Inlet (Type R) L=15', Depth < 10' EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L=15', 5' 5 Depth < 10' EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L=15', 5' 5 Depth < 10' EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L=15', 5' 5 Depth < 10' EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L=15', 5' 5 Depth < 10' EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L=20', Depth < 5' EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L=20', Depth < 15' EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L=20', Depth < 5' EA \$ 10,340.00 = \$ - \$ \$ Curb Inlet (Type R) L=20', S' 5 Depth < 10' EA \$ 12,075.00 = \$ - \$ \$ Storm Sewer Manhole, Box Base EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Box Base EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Siab Base EA \$ 6,619.00 = \$ - \$ \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ \$ Prainage Channel Construction, Size (W x H) Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ \$ Prainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ \$ Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ \$ Drainage Channel Lining, Other Stabilization			EA		=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5'			\$		=				\$	-
Curb Inlet (Type R) L = 5, 5' ≤ Depth < 10' Curb Inlet (Type R) L = 5, 10' ≤ Depth < 15' EA \$ 7,440.00 = \$ - \$ \$ Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' EA \$ 8,637.00 = \$ - \$ \$ Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' EA \$ 10,185.00 = \$ - \$ \$ Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', Depth < 5' Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' EA \$ 11,205.00 = \$ - \$ \$ Curb Inlet (Type R) L = 20', Depth < 15' EA \$ 12,034.00 = \$ - \$ \$ Curb Inlet (Type R) L = 20', Depth < 5' EA \$ 12,075.00 = \$ - \$ \$ Curb Inlet (Type D), Depth < 5' EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Slab Base EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Slab Base EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Slab Base EA \$ 16,69.00 = \$ - \$ \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ \$ Prainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ \$ Drainage Channel Lining, Rip Rap AC \$ 11,520.00 = \$ - \$ \$ Drainage Channel Lining, Grass Drainage Channel Lining, Other Stabilization			Name and Address of the Owner, where the owner,	\$ 5,736,00	=		-	MANUAL CO.	A mirani minimi minimi	-
Curb Inlet (Type R) L = 5', 10' ≤ Depth < 15' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', Depth < 5' Curb Inlet (Type R) L = 10', 5' ≤ Depth < 10' EA \$ 8,136.00 = \$ - \$ Curb Inlet (Type R) L = 10', 10' ≤ Depth < 10' EA \$ 10,185.00 = \$ - \$ Curb Inlet (Type R) L = 15', Depth < 5' EA \$ 10,265.00 = \$ - \$ Curb Inlet (Type R) L = 15', 5' ≤ Depth < 10' EA \$ 11,005.00 = \$ - \$ Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' EA \$ 11,005.00 = \$ - \$ Curb Inlet (Type R) L = 15', 10' ≤ Depth < 15' EA \$ 12,034.00 = \$ - \$ Curb Inlet (Type R) L = 20', Depth < 5' Curb Inlet (Type R) L = 20', 5' ≤ Depth < 10' EA \$ 12,075.00 = \$ - \$ Grated Inlet (Type C), Depth < 5' EA \$ 12,034.00 = \$ - \$ Storm Sewer Manhole, Box Base EA \$ 12,034.00 = \$ - \$ Storm Sewer Manhole, Slab Base EA \$ 12,034.00 = \$ - \$ Storm Sewer Manhole, Slab Base EA \$ 12,034.00 = \$ - \$ Storm Sewer Manhole, Slab Base EA \$ 6,619.00 = \$ - \$ St							-		100	
Curb Inlet (Type R) L =10°, Depth < 5° EA \$ 7.894.00 = \$ - \$ \$ Curb Inlet (Type R) L =10°, 5° ≤ Depth < 10° EA \$ 8,136.00 = \$ - \$ \$ Curb Inlet (Type R) L =10°, 10° ≤ Depth < 15° EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L =15°, Depth < 10° EA \$ 10,265.00 = \$ - \$ \$ Curb Inlet (Type R) L =15°, 5° ≤ Depth < 10° EA \$ 11,005.00 = \$ - \$ \$ Curb Inlet (Type R) L =15°, 10° ≤ Depth < 15° EA \$ 12,034.00 = \$ - \$ \$ Curb Inlet (Type R) L =20°, 5° ≤ Depth < 10° EA \$ 12,034.00 = \$ - \$ \$ Curb Inlet (Type R) L =20°, 5° ≤ Depth < 10° EA \$ 12,075.00 = \$ - \$ \$ Grated Inlet (Type R) L =20°, 5° ≤ Depth < 10° EA \$ 12,075.00 = \$ - \$ \$ Grated Inlet (Type D), Depth < 5° EA \$ 4,802.00 = \$ - \$ \$ Storm Sewer Manhole, Box Base EA \$ 12,034.00 = \$ - \$ \$ Storm Sewer Manhole, Slab Base EA \$ 12,034.00 = \$ - \$ \$ Geotextile (Erosion Control) SY \$ 6,20 = \$ - \$ \$ Rip Rap, Grouted Tons \$ 83.00 = \$ - \$ \$ Prainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ Drainage Channel Lining, Rip Rap CY \$ 116.00 = \$ - \$ Drainage Channel Lining, Grass AC \$ 1,520.00 = \$ - \$ Storm Sewer Manhole, Independent Lining, Other Stabilization EA \$ 5.90.00 = \$ - \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ - \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ - \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ - \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ - \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA \$ 5.90.00 = \$ Storm Sewer Lining, Other Stabilization EA			S					The same		-
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Curb Inlet (Type R) L = 15', Depth < 5'			(()							
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'									HANDSHIELD COOK	
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'								and the second)
Curb Inlet (Type R) L =20', Depth < 5'	Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'						——————————————————————————————————————		Maria Comment Comment	
Curb Inlet (Type R) L = 20', 5' ≤ Depth < 10'	Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA		=		-			= !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
Grated Inlet (Type C), Depth < 5'	Curb Inlet (Type R) L =20', Depth < 5'		EA		=		-		-	
Grated Inlet (Type D), Depth < 5' Storm Sewer Manhole, Box Base EA \$ 5,932.00 = \$ - \$ Storm Sewer Manhole, Slab Base EA \$ 6,619.00 = \$ - \$ Geotextile (Erosion Control) SY \$ 6.20 = \$ - \$ Rip Rap, d50 size from 6" to 24" Tons \$ 83.00 = \$ - \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ Drainage Channel Lining, Rip Rap Drainage Channel Lining, Rip Rap Drainage Channel Lining, Grass AC \$ 1,520.00 = \$ - \$ STORM	Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 12,075.00	=	\$		1000	S	
Storm Sewer Manhole, Box Base EA \$ 12,034.00 = \$ - \$ Storm Sewer Manhole, Slab Base EA \$ 6,619.00 = \$ - \$ Geotextile (Erosion Control) SY \$ 6.20 = \$ - \$ Rip Rap, d50 size from 6" to 24" Tons \$ 83.00 = \$ - \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ Drainage Channel Construction, Size (W x H) LF = \$ - \$ Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ Drainage Channel Lining, Rip Rap CY \$ 116.00 = \$ - \$ Drainage Channel Lining, Grass AC \$ 1,520.00 = \$ - \$ Drainage Channel Lining, Other Stabilization = \$ - \$ - \$	Grated Inlet (Type C), Depth < 5'		EA	\$ 4,802.00	=	\$	-		\$	Anno menorana and an ana
Storm Sewer Manhole, Slab Base EA \$ 6,619.00 = \$ - \$ Geotextile (Erosion Control) SY \$ 6.20 = \$ - \$ Rip Rap, d50 size from 6" to 24" Tons \$ 83.00 = \$ - \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ Drainage Channel Construction, Size (W x H) LF = \$ - \$ Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ Drainage Channel Lining, Rip Rap CY \$ 116.00 = \$ - \$ Drainage Channel Lining, Grass AC \$ 1,520.00 = \$ - \$ Drainage Channel Lining, Other Stabilization = \$ - \$ - \$	Grated Inlet (Type D), Depth < 5'		EA	\$ 5,932.00	=	\$	-		\$	-
Storm Sewer Manhole, Slab Base EA \$ 6,619.00 = \$ - \$ Geotextile (Erosion Control) SY \$ 6.20 = \$ - \$ Rip Rap, d50 size from 6" to 24" Tons \$ 83.00 = \$ - \$ Rip Rap, Grouted Tons \$ 98.00 = \$ - \$ Drainage Channel Construction, Size (W x H) LF = \$ - \$ Drainage Channel Lining, Concrete CY \$ 590.00 = \$ - \$ Drainage Channel Lining, Rip Rap CY \$ 116.00 = \$ - \$ Drainage Channel Lining, Grass AC \$ 1,520.00 = \$ - \$ Drainage Channel Lining, Other Stabilization = \$ - \$ \$	Storm Sewer Manhole, Box Base		EA	\$ 12,034.00	=	\$	-		\$	-
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Insert items not listed but part or construction plans) = \$ - \$	insert items not listed but part of construction plans]				=	\$	-		\$	

CONTROL OF THE PROPERTY OF THE	PROJECT INFORMATION	
MVEA SADDLEHORN RANCH	10/20/2021	
Project Name	Date	PCD File No. CDR-21-011

				Unit			(with Pr	e-Plat Construction)
Description	Quantity	Units		Cost		Total	% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPR	OVEMENTS (Priv	vate or Dis	stric	t and NOT	Mainta	ined by EPC)**	37/87 (57.88)	
ROADWAY IMPROVEMENTS						A CONTRACTOR OF THE PARTY OF TH		
A STATE OF THE PARTY OF THE PAR		NO.			=	\$ -		\$ -
	(m) (2 × 2 × 1 × 1 × 1 × 1				=	\$ -		\$ -
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		-		796	=	\$ -		 \$ -
					=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS (Exc	eption: Permanent Po	nd/RMP shall	he ite	emized under !				And I make a summer of the sum
STORM DRAIN IMPROVEMENTS	epaon, r crinariener of	indicion on an	DO INC	ittiized aradir .	=	\$ -		\$ -
				752	=	\$ -		\$ -
	The second section of the second					\$	Water Committee	
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						\$ -		\$
						\$ -		\$ -
WATER SYSTEM IMPROVEMENTS	San Allen and the san and the	L						
WATER SYSTEM IMPROVEMENTS		LF	\$	66.00	=	\$		\$
Water Main Pipe (PVC), Size 8"		LF	\$	78.00		\$		s .
Water Main Pipe (Ductile Iron), Size 8"		EA		1,923.00		\$		\$
Gate Valves, 8"			\$	6,828.00		\$		\$
Fire Hydrant Assembly, w/ all valves		EA	\$				Change Control of the	} \$
Water Service Line Installation, inc. tap and valves		EA	\$	1,370.00	=			
Fire Cistern Installation, complete		EA	-				The state of the s	
					=	7		1.7
[insert items not listed but part of construction plans]					=	\$ ·		\$
SANITARY SEWER IMPROVEMENTS		4						
Sewer Main Pipe (PVC), Size 8"	-927	LF	\$	66.00				\$
Sanitary Sewer Manhole, Depth < 15 feet	- C. 177	EA	\$	4,540.00	=		-	\$
Sanitary Service Line Installation, complete	The second second second	EA	\$	1,451.00				\$
Sanitary Sewer Lift Station, complete		EA			=	\$		\$
					=		-	\$
[insert items not listed but part of construction plans]					=	\$	-	\$
ANDSCAPING IMPROVEMENTS	(For subdivision sp	ecific condition	on of a	approval, or P	JD)			
		EA			=			\$
		EA			=			\$
		EA			=	\$	- 1000	\$
		EA			=	\$	-	\$
		EA			=	\$	- 1	\$
* - Section 3 is not subject to defect warranty requirements		Secti	on 3	Subtotal	=	\$ -		\$ -

	PROJECT INFORMATION	
MVEA SADDLEHORN RANCH	10/20/2021	
Project Name	Date	PCD File No. CDR-21-011

			Unit			(with Pre-Plat Construction)		
Description	Quantity	Units	Cost		Total	% Complete	Remaining	
AS-BUILT PLANS (Public Improvements inc	. Permanent WQCV BMPs)	LS		=	\$ -	\$	_	
POND/BMP CERTIFICATION (inc. elevations	and volume calculations)	LS		=	\$ 	\$	-	

Total Construction Financial Assurance \$

18,996.39

18,996.39

(Sum of all section subtotals plus as-builts and pond/BMP certification)

Total Remaining Construction Financial Assurance (with Pre-Plat Construction) \$

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

Total Defect Warranty Financial Assurance \$ 675.65

(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)

Approvals

I hereby certify that the inaccurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.

32339

Engineer (P.E. Sea

Amy Carlsen

Approved by Owner / Applicant

10/20/2021

APPROVED
Engineering Department

Approved by El Paso County Engineer / ECM Administrator

11/23/2021 2:52:01 PM dsdnijkamp

EPC Planning & Community Development Department