

## Couvillion Group, LLC MC-20 Hydrocarbon Pump-Off #63 Results Report

### Document #: Couv-MC20-O&M-RPT-DOC-00087

7/26/2024

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Revision	Date	By	Check	Approve	Remarks
0	7/26/2024				Initial Document

#### Summary:

Couvillion Group's Rapid Response Collection System initiated its sixty-third collection cycle on 5/13/2024 at 09:32 and completed the cycle on 6/22/2024 at 10:58 resulting in a collection duration of 40.1 days. Using the OSV Brandon Bordelon the collected hydrocarbon fluid that was recovered from the subsea oil containment vessels was taken to the Couvillion Dock in Port Fourchon, Louisiana. Vessel to Dockside Transfer commenced on 6/24/2024, with 811.8 bbl of hydrocarbon fluids transferred to onshore frac tanks 1-3 according to NRC frac tank strapping.

On 7/9/2024, Couvillion Group confirmed the initial measurement of 811.8 bbl of hydrocarbon fluids in frac tanks 1-3 via strap measurements. After a confirmation measurement was recorded, the decanting process began. From frac tanks 1-3, a total of 57.5 bbl of water was decanted on 7/9/2024. This 57.5 bbl of water was sent to Plaquemines Processing & Recovery for disposal. A gross total of 738.6 bbl of fluids according to NRC strapping measurements was sent to Acadiana Oil using tank trucks from frac tanks 1-3. After temperature and BS&W deductions a net total of 722.1 bbl of oil was transferred from tanks 1-3 in the Port Fourchon yard to the Acadiana Oil Company.

Along with processing tank 1-3, Couvillion Group processed the 4<sup>th</sup> frac tank which is referred to as the residual tank. The residual tank had an initial volume of 41.2 of hydrocarbon fluids. A total of 41.2 bbl of water was decanted on 7/9/2024. This 41.2 bbl of water was sent to Plaquemines Processing & Recovery for disposal. After decanting was completed, 0.0 bbl of hydrocarbon fluids were left in the 4<sup>th</sup> frac tank. Total fluid reconciliation for frac tank 4 was within 0.0%.

#### **Procedures Followed:**

Couvillion Group and the associated companies participating in the collection and transportation of hydrocarbon fluids from the MC-20 site to the Acadiana Oil Company site have compiled a set of procedures that are followed throughout the process. The MC-20 Response Disposal Plan with associated documentation pertaining to custody transfer and hydrocarbon fluids measurements for this report are in Appendix I. Appendix II includes the NRC waste handling documentation.

#### **Execution:**

#### Offshore Collection of Hydrocarbon Fluids at MC-20 Site:

The Brandon Bordelon OSV moved in place on location at MC-20 on 6/21/2024 at 02:10 hrs. An asfound ROV survey was conducted prior to commencement of pump off operations. To begin pump off operations ROV's were launched and thereafter the hydraulic subsea pump and hoses were over boarded. The inlet hose to the hydraulic subsea pump was connected to the offload outlet on the subsea oil storage containers. On 6/22/2024 the ATI/BTI were closed at 10:58, marking the end of the 63<sup>rd</sup> collection cycle. Pumping commenced at 14:20 on 6/22/2024 and ended at 23:22 on 6/22/2024. Fluids were sampled on the vessel every 20 minutes for field analysis to determine the estimated oil to water ratios until water breakthrough occurred and collection operations were then stopped. **A total of 816.2 bbl of hydrocarbon fluid was collected according to the tank strap measurement taken offshore.** Upon pump off completion the hoses and pump were surfaced and flushed with saltwater that was sent to a filtration system for treatment and over boarding.

#### Vessel to Dockside Transfer

The Brandon Bordelon arrived at the Couvillion Dock in Port Fourchon, Louisiana on 6/24/2024. On the morning of 6/24/2024 hoses were run from the tanks on the vessel through a diaphragm pump and then run to 500 bbl frac tanks. The pump-off process was begun and continued until all MPT tanks aboard the Brandon Bordelon were empty. Tankermen from Team Services verified that the MPT tanks onboard the vessel were emptied, then an NRC representative strapped the dockside frac tanks to determine **the total quantity transferred which was 811.8 bbl.** With the dockside transfer complete, the fluid was allowed to settle out water from the oil over a period of time before the transfer of the oil from the frac tanks to tank trucks.

#### **Dockside Frac Tanks to Truck Transfers**

On the morning of 7/10/2024 at 07:00 hrs the first round of frac tanks to tank truck transfers commenced. A hose was attached to the frac tank and ran through a diaphragm pump into a tank truck. Pumping commenced and the first truck received 146.8 bbls and the second truck received 147.2 bbls of hydrocarbon fluids. The second day of truck transfers began on 7/11/2024 at 07:00. The third truck received 154.6 bbls, the fourth truck received 153.4 bbls, and the final truck of Pumpoff 63 received 136.6 bbls of hydrocarbon fluids. There was a total of 15.7 bbls of residual fluids which remained in frac tanks 1-3 and was later pumped into tank 4. All values were recorded in the appropriate forms in the MC-20 Response Disposal Plan (see report Appendix I). Total fluid reconciliation for frac tanks 1-3 was within 0.0%.

#### **Truck to Facility Transfer**

Upon arrival at the Acadiana Oil Company site each truck enters a loading bay. Before any fluids are transferred an Acadiana Oil Representative straps their tank for an initial measurement and then transfer of fluid begins. While the pump off is underway an Acadiana Oil Company Representative takes three fluid samples during the transfer process from the pump outlet from which hydrocarbon fluid is flowing. These samples are taken at the beginning of the transfer, mid-way through the transfer, and at the end of the transfer process to ensure a full mixture. The sample is then taken to their testing area where tests are run to determine: % BS&W content, temperature, and specific gravity. Temperature and specific gravity are recorded via the use of a hydrometer, while BS&W content is determined via the use of a centrifuge with a 50/50 mixture of the sample with mineral spirits. Once all sampling is completed and recorded (see copy in Appendix I) the Acadiana Oil Company Representative again straps their tank to obtain a post transfer level. The gross fluids that are recorded is determined by subtracting the initial pump off tank strap level from the post transfer tank strap level. This gross fluid value is corrected for temperature, specific gravity, and BS&W content to determine the net oil value that is recorded.

#### **Summary Tally and Running Totals:**

The tables below show an oil tally, a total fluid reconciliation, and a flow rate calculation. In total 811.8 bbls of hydrocarbon fluid was transferred from the Brandon Bordelon into an onshore frac tank. Tank trucks transported a gross total of 738.6 bbl to Acadiana Oil Company, which netted out to a total of 722.1 bbl. From a total fluid reconciliation standpoint, measurements at different site locations were within 0.0% for frac tanks 1-3. The calculated flow rate during the 40.1-day collection cycle offshore was 18.0 bbl/day or 756.0 gal/day. Monthly pump off collection rates reflects collection rates which are not inclusive of product that remains in the residual tank. This causes monthly collection rates to appear slightly lower than the historic average. As of the end of this pump off campaign 1,590,821.4 gallons of salvaged crude oil have been contained from the MC-20 site.

## **Oil Tally**

											-J		-							,		
0117-11-1	Data	Total Fluid	Tetel Child	r	Truck 1 Total Fluids	Takal Fluid		1	Truck 2	Take I Fluid	1	1	Truck 3	Total Florid			Truck 4	Table Fluid	<b></b>		Tatal	Running
Oil Tally	Date	Transfer	Total Fluid Frac	%	to Acadiana	Total Fluid at	%	Net	Total Fluids to Acadiana	Total Fluid at	%	Net	Total Fluids to Acadiana	Total Fluid at	%	Net	Total Fluids to Acadiana	Total Fluid at	%	Net	Total Net	Total Net
		by	Tank Strap	~	NRC Frac	Acadiana	70	INCL	NRC Frac	Acadiana	/0	INCL	NRC Frac	Acadiana	/0	Net	NRC Frac	Acadiana	/0	INCL	Net	Net
		Legends	by NRC	Diff	Strap	by strap	Diff	Oil	Strap	by strap	Diff	Oil	Strap	by strap	Diff	Oil	Strap	by strap	Diff	Oil	Oil	Oil
		(bbl)	(bbl)	1	(bbl)	(bbl)		(bbl)	(bbl)	(bbl)		(bbl)	(bbl)	(bbl)		(bbl)	(bbl)	(bbl)		(bbl)	(bbl)	(bbl)
Pump Off #1	4/26/2019	220.0	215.7	-2.0																		
	5/6/2019			<b> </b>	113.7	110.0	3.3	108.8	97.0	87.4	9.9	78.6									187.4	187.4
Pump Off #2	5/3/2019	246.3	223.5	-10.2	101.0	100.0															101.5	
Dump Off #2	5/8/2019 5/13/2019	225.0	221.2	11	101.3	102.0	-0.7	99.7	82.8	83.8	-1.2	81.9				-			$\vdash$		181.6	369.0
Pump Off #3	5/13/2019 5/16/2019	335.0	331.2	-1.1	103.2	89.1	13.7	82.9	126.4	136.4	-7.9	132.1	108.5	99.5	8.3	80.7					295.7	664.8
Pump Off #4	6/19/2019	901.7	905.5	0.4	139.4	145.8	-4.6	143.0	138.7	139.4	-0.5	137.4	100.5	55.5	0.5	00.7					255.7	001.0
	6/20/2019			1	137.7	136.2	1.1	113.0	140.7	141.4	-0.5		140.6	141.4	-0.6	134.2	144.1	141.4	1.9	138.4		
	6/21/2019			1	48.5	47.1	2.8	44.6													850.0	1,514.8
Pump Off #5	7/31/2019	1200.2	1196.6	-0.3	139.2	138.3	0.6	133.7	142.7	150.0	-5.1	146.5										
	8/1/2019			1	139.1	145.7	-4.7	135.1	140.7	138.4	1.6	131.9	146.0	142.0	2.7	81.3	138.0	142.0	-2.9	140.0		
Duran Off #C	8/2/2019	040.0	074.0	2.0	99.8	112.9	-13.1	111.0	101.1	105.6	-4.5	104.2	444.5	145.7	2.0	142.2				<b></b>	983.7	2,498.5
Pump Off #6	8/26/2019 8/27/2019	848.0	874.6	3.0	141.7 140.5	138.4 138.4	2.3 1.5	134.6 135.5	140.3 137.2	145.7 142.0	-3.8 -3.5	140.6 139.1	141.5 61.3	145.7 65.6	-3.0 -7.0	143.2 64.2						
	0,27,2015			1	140.5	150.4	1.5	155.5	137.2	142.0	5.5	155.1	01.5	05.0	7.0	04.2					757.2	3,255.7
Pump Off #7	9/23/2019	891.9	880.4	-1.3	138.0	134.7	2.4	132.4	144.3	151.8	-5.2	148.9	142.6	142.0	0.4	139.7					757.2	5,255.7
	9/24/2019			1	144.4	142.0	1.7	139.1	143.7	138.4	3.7	135.5	55.3	54.6	1.3	53.7					749.3	4,005.0
Pump off #8	10/21/2019	790.9	787.4	-0.4																		
	10/22/2019			1	143.9	131.0	9.0	129.1	154.3	151.9	1.5	149.7	144.0	136.2	5.4	134.2				, I	.	
Dealth 17	10/23/2019	<b> </b>			137.7	141.4	-2.7	139.2	130.0	125.7	3.3	123.6	105 -	425 -		400 -			┟╌╌┙	┍╍╍╍┥	700	
Residual Tank	10/23/2019	772.2	205.1	10	+	┝───┦							125.4	125.7	-0.2	123.6			$\vdash$		799.4	4,804.4
Pump off #9	11/11/2019 11/19/2019	772.3	757.8	-1.9	142.3	156.5	-10.0	153.6	143.8	131.0	8.9	128.8	145.3	142.0	2.3	139.9						
	11/20/2019			1	142.5	145.6	0.0	143.6	92.1	94.6	-2.8	93.3	143.5	142.0	2.5	135.5					659.1	5,463.5
Pump off #10	12/17/2019	940.7	942.8	0.2	142.0	138.4	2.5	136.9	71.4	69.2	3.1	68.5	146.4	145.7	0.5	144.2						
	12/18/2019			1	146.4	138.4	5.5	136.8	144.3	145.7	-1.0	144.4	144.0	142.0	1.4	140.8	47.4	47.4	0.0	47.0	818.6	6,282.1
Pump off #11	1/9/2020	697.7	691.0	-1.0	128.7	131.1	-1.9	128.3	128.0	131.1	-2.4	129.3	129.8	131.1	-1.0	129.6						
	1/10/2020	<b> </b>		<b> </b>	79.4	91.0	-14.6	90.0	92.6	91.1	1.6	90.0							]	<b>ا</b> ــــا		
Residual Tank	1/8/2020			<u> </u>	141.9	142.0	-0.1	140.0												<b>—</b>	707.2	6,989.3
Pump off #12	2/12/2020 2/13/2020	725.4	722.5	-0.4	120.8 149.5	123.8	-2.5	115.8	102.1	101.9	0.2 10.8	100.4	99.0	101.9	-2.9	97.5						
Residual Tank	2/13/2020			<u> </u>	149.5	160.2 105.6	-7 2.4	154 101.3	114.2	101.92	10.8	61.1									630.1	7,619.4
Pump off #13	3/11/2020	583.7	570.2	-2.4	100.2	105.0	2.7	101.5											+		050.1	7,015.4
	3/12/2020			1	114.5	115.2	-0.6	112.7	138.3	136.2	1.5	134.3										
	3/13/2020			1	93.6	94.3	-0.7	91.9	120.0	120.4	-0.3	117.5									456.4	8,075.8
Pumpoff #14	4/16/2020	966.7	928.8	-4.1	147.2	146.5	0.5	144.6	145.2	141.2	2.8	139.4	148.0	146.5	1.0	143.7						
	4/17/2020	<b> </b>		<b> </b>	144.9	146.5	-1.1	144.3	144.1	141.2	2.0	139.1	87.4	88.9	-1.7	87.3			]	<b>ا</b> ــــا	798.4	
Residual Tank	4/14/2020	700.4	700.4		149.9	151.9	-1.3	132.3								400 7			$\square$	<b></b>	132.3	9,006.5
Pump off #15	5/7/2020 5/8/2020	798.4	783.1	-1.9	150.3	145.8	3.0	143.4	148.0	153.1	-3.4	149.4 128.6	145.2	142.1	2.1	138.7					707.7	0 714 2
Pump off #16	5/8/2020	598.8	583.3	-2.7	147.2 142.1	149.4 140.3	-1.5 1.3	147.6 137.5	131.7	131.2	0.4	128.6							-		707.7	9,714.2
Fullip Oll #10	5/29/2020	356.6	565.5	-2.7	138.0	138.5	-0.4	137.5	135.1	134.8	0.2	131.7	115.0	116.6	-1.4	109.7					513.0	10,227.2
Pumpoff #17	7/8/2020	970.1	956.3	1.4																		
	7/9/2020			1	149.1	149.9	-0.5	146.8	148.8	145.5	2.2	142.5	149.2	149.9	-0.5	146.8						
	7/10/2020			<b> </b>	150.7	149.6	0.7	146.6	137.1	138.0	-0.7	135.2	119.9	119.0	0.8	116.5					834.4	11,061.4
Pumpoff #18	7/22/2020	658.4	642.6	-2.5																		
	7/27/2020			1	129.9	129.9	0.0	127.8	140.6	140.6	0.0	137.7	138.2	138.2	0.0	135.7	139.8	139.8	0.0	137.5	604 F	
Desidual Tank	7/28/2020 7/28/2020	<b>+</b>		┟	66.0	66.0	0.0	62.8	113	113	0.0	110.7									601.5 110.7	11,663.1 11,773.8
Residual Tank Pumpoff #19	9/1/2020	901.6	886.4	-1.7	128.2	128.2	0.0	125.6	135.5	135.5	0.0	132.6							+		110.7	11,//5.6
rumpon #15	9/2/2020	501.0	000.4	1.7	131.2	131.2	0.0	128.3	136.8	136.8	0.0	134.0	134.8	134.8	0.0	132.0	135.9	135.9	0.0	133.0	785.5	12,559.3
	.,,			1	-																	,
Pumpoff #20	9/29/2020	464.2	450.9	-2.9	144.0	140.0	2.8	137.9	143.5	140.0	2.4	137.9										
	9/30/2020	<b> </b>		<b> </b>	85.7	83.0	3.2	81.6			<b> </b>	<b> </b>		L					J	┝╌╌╌┥	357.4	12,916.7
Residual Tank	10/1/2020	caa -			136.5	131.0	4.0	128.6			0.5	4.00 -	L				L		$\vdash$		128.6	13,045.3
Pumpoff #21	10/15/2020 10/16/2020	620.9	610.1	-1.8	139.0 147.2	139.0 144.0	0.0 2.2	130.8 142.5	145.3 136.0	145.0 135.0	0.2 0.7	142.1 132.9									548.3	13,593.6
Pumpoff #22	10/16/2020	685.6	673.2	-1.8	147.2	144.0 143.0	2.2	142.5 139.7	136.0	135.0	1.0	132.9 140.1	146.4	140.0	41	128.3			+		546.5	13,393.0
. ampon #22	11/17/2020	000.0	575.2	1.0	133.2	143.0	2.4	124.3	1.0.4	1.2.0	1.0	1.0.1	1.0.4	1.0.0		120.5					532.4	14,126.0
Pumpoff #23	12/30/2020	781.7	784.3	0.3	146.1	140.0	4.2	137.3	146.8	140.0	4.6	138.6	145.2	137.0	5.6	133.9						,
	12/31/2020			L	145.3	141.0	3.0	138.4	113.9	111.0	2.5	107.2									655.4	14,781.4
Pumpoff # 24	1/27/2021	676.5	663.9	-1.9	123.9	*	*	*			1										T	
	1/28/2021			1	141.0	*	*	*	140.2	140.0	0.1	137.7	146.8	*	*	*						
Decidual Tari	2/19/2021	<b>}</b>			146.0	135.0	7.5	133.7	150.7	141.0	6.4	139.0	115.3	112.0	2.9	107.05			┟┦	<b>-</b>	517.5	15,298.9
Residual Tank Pumpoff #25	2/20/2021 3/8/2021	759.7	738.1	-2.9	100.9 144.6	101.5 143.0	-0.6 1.1	96.0 140.9	146.5	143.0	2.4	141.7	146.0	140.0	4.1	137.4			┝──┦		96.0 624.7	15,394.9 16,019.5
rump011#25	3/8/2021 3/9/2021	1.59.7	/ 30.1	-2.9	144.6	143.0	2.8	140.9	77.3	75.0	3.0	70.8	140.0	140.0	4.1	137.4					024.7	10,019.5
Pumpoff #26-27		498.2	472.6	-5.4	143.7	136.2	5.2	134.8	142.6	138.6	2.8	137.2										
	4/22/2021	553.0	544.3	-1.6	123.5	129.7	-5.0	128.0	146.4	146.7	-0.2	146.6	144.1	142.0	1.5	139.9						
L	4/23/2021	<b> </b>	L	<b>_</b>		ļ			111.4	109.1	2.1	106.3	L	L					<u>                                     </u>	L]	792.8	16,812.3
Residual Tank	4/23/2021				132.5	131	1.1	127.0											$\square$		127.0	16,939.3
Pumpoff #28	5/26/2021	716.0	706.1	-1.4		( I					1									, I	.	
	5/27/2021			1	144.5	140.6	2.7	136.3	141.1	139.0	1.5	136.6	143.3	140.4	2	137.9					565.2	17,504.5
	5/28/2021				81.1	78.0	3.8	76.1	88.7	82.0	7.6	78.3							$\vdash$			
Pumpoff #29	7/14/2021 7/15/2021	648.0	631.7	-2.6	114.7	115.3	-0.5	113.8	150.8	149.0	1.2	145.9	119.8	120.2	-0.3	118.5	155.3	151.7	23	149.2	527.4	18,031.9
. umpon #29		0-0.0	031.7	2.0	114.7	113.3	0.5	113.0	130.0	145.0	1.2	140.9	115.0	120.2	0.5	110.0	100.0	191./	2.3	173.2	527.4	10,031.3
Pumpoff #30	7/16/2021 8/5/2021	763.0	750.2	-1.7	115.3	115.0	0.3	112.9	112.6	111.0	1.4	109.0	106.8	105.0	1.7	103.2					673.4	18705.3

## **Oil Tally Contd.**

Diray         Dot Not Not Not Not Not Not Not Not Not N											J												
Image         Image <th< td=""><td>Oil Tally</td><td>Data</td><td>Total Fluid</td><td>Total Fluid</td><td></td><td>Truck 1</td><td>Total Fluid</td><td></td><td>1</td><td>Truck 2</td><td>Total Fluid</td><td></td><td></td><td>Truck 3</td><td>Total Fluid</td><td></td><td></td><td>Truck 4</td><td>Total Fluid</td><td></td><td></td><td>Total</td><td>Running</td></th<>	Oil Tally	Data	Total Fluid	Total Fluid		Truck 1	Total Fluid		1	Truck 2	Total Fluid			Truck 3	Total Fluid			Truck 4	Total Fluid			Total	Running
	Oli Taliy	Date			96			%	Net			%	Not			%	Net			96	Not		Total Net
Image         Image <t< td=""><td></td><td></td><td></td><td></td><td>76</td><td></td><td></td><td>70</td><td>iver</td><td></td><td></td><td>/0</td><td>ivet</td><td></td><td></td><td>/0</td><td>iver</td><td></td><td></td><td>/0</td><td>ivet</td><td>Net</td><td>iver</td></t<>					76			70	iver			/0	ivet			/0	iver			/0	ivet	Net	iver
Image         Image <t< td=""><td></td><td></td><td>-</td><td></td><td>Diff</td><td></td><td></td><td>Diff</td><td>Oil</td><td></td><td></td><td>Diff</td><td>Oil</td><td></td><td></td><td>Diff</td><td>Oil</td><td></td><td></td><td>Diff</td><td>Oil</td><td>Oil</td><td>Oil</td></t<>			-		Diff			Diff	Oil			Diff	Oil			Diff	Oil			Diff	Oil	Oil	Oil
ImageNumber					5			0				0				0				0			(bbl)
strategreg         strategreg        strateg	Pumpoff #31	9/23/2021		1	-3.0			2.7				0.0		(44)	(44)		(44)	(44)	()		(44.)		19236.1
110000         110000         100000        10000        10000 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>126.3</td><td>123.1</td><td></td><td></td><td>138.7</td><td>134.3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>						126.3	123.1			138.7	134.3												
Import	Pumpoff #32	11/3/2021	952.4	937.1	-1.6	147.8	147.0	0.5	145.5	148.7	148.0	0.5	146.0										
1101/1001         10001         10000         100         10000         1000         100000         100000         100000         100000         100000         1000000         1000000         1000000         1000000         1000000         1000000         10000000         10000000         10000000         100000000         10000000000         1000000000000000         1000000000000000000000000000000000000		11/4/2021				152.5	149.0	2.3	147.0	154.6	145.0	6.2	142.2										
Prome     119/9 (20)     Prome     Prome <td></td> <td>11/5/2021</td> <td></td> <td></td> <td></td> <td>150.2</td> <td>147.0</td> <td>2.1</td> <td>144.8</td> <td></td>		11/5/2021				150.2	147.0	2.1	144.8														
121/1001         1         145         145         167         170<							117.0	1.5	115.4													840.9	20077.0
Import         10/022         686         97.2         10.4 <th10.4< th="">         10.4         10.4         &lt;</th10.4<>	Pumpoff #33		787.9	786.2	-0.2									149.6	145.3	2.9	143.6						
17/022         1         6         6.0																						688.0	20765.0
Pinepris         2/A/202         4.2         5.15         1.02	Pumpoff #34		686.6	673.8	-1.9					144.0	148.3	-3.0	146.1	152.3	148.5		147.2						
numeritari         numerit																						518.5	21283.5
Simular (1)	Pumpoff #35	2/16/2022	564.2	551.9	-2.2																	5 4 Q 5	
Immed Pi         1/1/2027         PR07         PR5         1.8         PR05         PR05        PR05	Desided Tests	h								121.8	114.6	5.9	112.3										24067.4
3/24/32         b         b         1400         142.         400         142.         140<		2/22/2022	600.7	670.5	1.0					452.7	147.0	2.4	145.0									70.1	21867.1
nume         9/9070         88.7         88.7         1.7         1.86         1.4         1.4         1.1.5         1.80 <th< td=""><td>Pumpott #36</td><td></td><td>690.7</td><td>678.5</td><td>-1.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>E 70 0</td><td>22446.0</td></th<>	Pumpott #36		690.7	678.5	-1.8																	E 70 0	22446.0
j j j j j j j j j j j j j j j j j j j	Pumpoff #37		882.7	868.2	-17									156.2	153.0	2.0	150.8					378.5	22440.0
Immedfiels         6/7.020 / 6/8.4         074.0         1.7         145.2         120.2         120.3         14.7         1.2         14.4         15.2         120.4         14.6         120.2         120.4         140.4         15.0         16.0         10.0         15.0         15.0         16.0         10.0         15.0         15.0         16.0         11.0         15.0         16.0         10.0         15.0         16.0         10.0         16.0         10.0 <t< td=""><td>rumporr#37</td><td></td><td>002.7</td><td>000.2</td><td>1.7</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>768 5</td><td>23214.5</td></t<>	rumporr#37		002.7	000.2	1.7																	768 5	23214.5
6/2/202         140.2         116.0         12         136.0         12.0         2.8         136.0         12.0         2.8         136.0<	Pumpoff #38		685.4	674.0	-1.7															1			
hmmorff 8         fry2022         945         938         1.3         143         145         153         145         143         154         140         135         133         145         134         144         140         135         135         144         145         135         1469         135         135         1469         135         1469         135         1469         137         135         1455         1469         137         135         1469         137         135         1469         137         135         1469         137         145         148         155         143         155         1455         143         155         135         1455         143         155         135         135         145         135         135         135         135         135         135         135         135         135         135         135 <td></td> <td>1</td> <td></td> <td>543.0</td> <td>23757.5</td>																				1		543.0	23757.5
6/3/022         100         142         135         143         167         483         16         16         463         17.2         10         17.2         10         17.2         10         17.2         10         17.2         10         17.2         10         17.2         10         10         16.3         1	Pumpoff #39		545.5	539.3	-1.3									1							1		
Pumperfield         7/2/2022         70/2																						455.1	24212.6
17/2/022         1         148         168         102.1         40         98         1         1         37.6         37.8         38.8         1.8         37.8         38.8         1.8	Pumpoff #40		707.2	702.1	-0.7			-						135.9	133.2	2.0	130.2			1	1		
bympeff44         yryynozy         bympeff44						141.8				86.8												619.2	24831.8
Numport Hal         Synthysize         Sec. So         Sec. So         Sec. So         So         Total         So         Total         So         Total         So         So         Total         So         So <th< td=""><td>Pumpoff #41</td><td>8/26/2022</td><td>461.4</td><td>459.8</td><td>-0.3</td><td>149.6</td><td>146.2</td><td>2.3</td><td>143.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>	Pumpoff #41	8/26/2022	461.4	459.8	-0.3	149.6	146.2	2.3	143.8														
9/11/002         -         -         15.9         19.9         13.9         16.9         15.00         7.50         0.0         7.34         .         15.49           Brung/field         10/26/202         77.3         8.8         0.8         13.75         16.66         18.0         15.00         7.50         0.0         7.34         .         15.49           Brung/field         10/26/202         77.3         8.88         0.8         13.8         13.9         14.35         14.83         13.8         13.9         14.55         14.50         14.55         14.66         14.81         13.1         14.55         12.6         7         12.65         7         12.65         7         12.65         7         12.6         12.7         12.65         7         12.6         12.7         12.65         7         12.6         12.7         12.65         7         12.6         7         12.65         7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6         12.7         12.6		8/29/2022				149.9	146.6	2.2	144.0	106.3	102.1	4.0	99.8									387.6	25219.4
eschartaria         9/2/2022         Image field	Pumpoff #42	9/20/2022	565.9	563.9	-0.4	151.5	147.6	2.6	144.6														
Pumperfield         10/25/2022         97.3         St.B         0.8         133.8         139.5         30         137.5         145.6         143.4         11.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.3</td> <td>146.9</td> <td></td> <td>153.0</td> <td>0.5</td> <td></td> <td>75.0</td> <td>75.0</td> <td>0.0</td> <td>73.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>25734.3</td>								1.3	146.9		153.0	0.5		75.0	75.0	0.0	73.4						25734.3
102/2022         102/2022         5802         -         146.6         141.4         35         138.4         83.9         81.3         81.8         82.0         -         -         486.6           Umpoff 461         11/22/022         S5.2         -         -         148.0         140.0         3.1         125.6         123.2         126.5         123.2         126.5         123.2         126.5         123.2         126.5         123.2         126.5         123.2         128.5         130.0         5.7         180.5         5.7         5.5         5.2																						137.0	25871.3
Immorf H44         11/27/022         58.2         58.2         60.3         138.3         127.6         7.7         126.5         127.4         137.7         126.5         127.6         128.6         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         126.5         7.7         138.0         126.7         138.0         126.7         138.0         126.7         138.0         126.7         138.0         126.7         138.0         126.7         138.0         126.7         138.0         127.0         138.0         137.0 <t< td=""><td>Pumpoff #43</td><td></td><td>577.3</td><td>581.8</td><td>0.8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	Pumpoff #43		577.3	581.8	0.8																		
11/2/2022         c         148.0         140.4         5.1         137.0         132.2         126.6         2.7         128.5																						498.6	26369.9
Immpoff 445         12/70/7022         67.5         62.1         7         -0.6         144.9         3400         3.4         137.0         140.3         340.0         6.5         37.0         149.5         141.0         5.7         138.0          65.9         62.7         -0.0         64.5         52.7         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.6         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0         64.7         -0.0 <td>Pumpoff #44</td> <td></td> <td>583.2</td> <td>580.2</td> <td>-0.5</td> <td></td>	Pumpoff #44		583.2	580.2	-0.5																		
12/11/202          145.7         140.0         3.9         137.0          -         -         -         -         -         6.4           Pumport H46         1/16/202         719.7         709.7         1.4         137.9         10.7         10.20         10.20.8         5.3         112.4         120.1         3.4         119.2         6.1.8           Pumport H47         1/16/202         576.8         578.6         0.3         110.7         106.0         4.2         103.6         16.7         146.0         0.5         14.1         124.5         125.5         125.0         124.5         125.5         125.0         24.5         125.5         125.0         24.5         125.0         24.5         125.0         24.5         125.0         24.5         125.0         24.5         125.0         124.5         125.0         124.5         125.0         124.5         125.0         124.5 <td></td> <td></td> <td>605 F</td> <td>604 F</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>440.5</td> <td></td> <td></td> <td>100.0</td> <td></td> <td></td> <td></td> <td></td> <td>530.2</td> <td>26900.1</td>			605 F	604 F										440.5			100.0					530.2	26900.1
fertedual Tank         12/21/202	Pumpott #45		625.5	621.7	-0.6					150.3	140.0	6.9	137.0	149.5	141.0	5.7	138.0					F 40.0	27440 1
Pumporfi #45         1/26/203         715.7         709.7         -1.4         137.9         107.0         132.9         132.8         31         127.5         124.3         120.1         34         119.2         6           Pumporfi #47         2/23/203         57.8         57.8         6         0.3         110.7         106.0         4.2         103.6         145.7         1450.0         5         141.7         4         31.1         7.8         110.7         106.0         6         135.7         122.3         112.0         3.4         112.9         4         31.1         127.8         123.1         123.2         123.2         117.0         4.3         143.2         123.2         117.0         4.3         143.2         123.2         117.0         13.1         123.0         13.4         123.0         13.4         123.0         13.4         123.0         13.4         123.0         13.4         13.0         13.0         13.4         123.0         13.4         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0	Recidual Tank																						27449.1 27510.5
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			710 7	700.7	1.4					122.0	120.0	2.1	177.0	124.2	120.1	2.4	110.2					01.4	27510.5
Pumpoff #47         2/23/203         57.6         0.3         110.7         106.0         4.2         114.0         0.5         14.1.7	Fumport #40		/15./	705.7	-1.4									124.5	120.1	3.4	119.2					618.4	28128.9
2/24/023         -         139.8         139.0         0.6         135.7         122.8         117.0         4.3         114.2         -         -         -         4925           Pumpoff #48         37/2/2023         612.4         67.8         -         148.1         140.0         13         138.4         135.0         1.0         133.9         -         -         -         -         546.0           Pumpoff #49         5/10/203         651.9         647.4         -         7         147.2         146.1         0.7         144.8         157.5         15.0         4.0         149.2         149.1         145.0         2.7         143.9         155.0         4.0         149.2         140.0         192.2         150.0         140.0         149.2         150.0         140.0         149.2         145.0         140.0         150.2         140.0         150.3         140.0         150.3         140.0         150.3         140.0         150.3         140.0         150.3         140.0         150.3         143.0         152.3         140.0         150.3         150.0         140.2         140.0         150.3         150.0         140.2         140.0         150.3         150.0         160	Pumpoff #47		576.8	578.6	0.3																	010.1	20120.5
Pumpoff #43         3/28/2023         612.4         607.8         -0.8         141.8         140.0         1.3         13.4         13.2         14.2         6.8         14.0         14.3         140.0         13.3         13.3         13.2         14.2         14.2         14.0         14.2 </td <td></td> <td>495.2</td> <td>28624.1</td>																						495.2	28624.1
Pumpoff #49         \$1/1/023         651.9         647.4         -0.7         147.2         146.1         0.7         148.8         157.3         151.0         40.0         140.2         592.2           Pumpoff #50         6/6/2023         756.6         740.4         -2.2         141.3         140.0         0.9         188.1         155.4         145.0         1.7         10.0         7.8         142.0         6.8         140.0         6.57.2         657.2           Pumpoff #50         6/6/2023         551.1         545.6         -1.0         134.4         135.0         -0.4         132.2         143.5         140.1         1.7         137.6         6         657.2         657.2           Pumpoff #52         8/3/2023         743.6         740.4         -0.4         141.8         140.0         1.3         137.3         147.6         143.0         143.1         140.0         1.3         147.6         143.2         143.0         140.1         1.7         137.6         6         142.2         143.8         140.0         1.3         147.6         143.2         143.0         143.3         147.6         143.2         143.3         147.6         143.0         1.8         137.3         147.6	Pumpoff #48		612.4	607.8	-0.8	141.8	140.0			136.7		3.4											
Sf11/2023         -         150.8         150.0         0.5         148.2         155.7         152.0         2.4         150.0         -         -         592.2           Pumpoff #50         6/s/2023         75.6         740.4         -2.2         141.3         1400         49         188.1         155.4         143.0         152.3         142.0         6.8         140.0         6.7         6/s/2023           Pumpoff #51         6/z/2023         551.1         545.6         -1.0         134.4         135.0         -0.4         132.1         143.5         141.0         1.7         137.6         -         4         481.8           Pumpoff #52         8/2/2023         743.6         740.4         -0.4         141.8         130.0         1.6         17.7         143.0         183.0         140.0         5.4         137.3         148.0         145.0         1.8         142.2         8.0         4.0         8.0         6.						149.1	145.0	2.7	143.9	136.4	135.0	1.0	133.9									546.0	29170.1
Pumpoff #50         6/6/2023         756.6         740.4         -2.2         141.3         140.0         0.9         138.1         155.4         145.0         17         132.3         142.0         6.8         140.0         6.67.2           Pumpoff #51         6/2/2023         551.1         545.6         -1.0         134.4         135.0         -0.4         132.2         143.5         140.0         17         137.6         6.8         140.0         6.67.2           Pumpoff #51         6/2/2023         743.6         740.4         -0.4         144.7         138.0         -0.4         132.2         143.5         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         145.0         146.4         135.0         130.0         151.5         130.0         160         127.5         146.4         135.0         1.0         146.4         135.0         1.0         147.5         147.6         147.6         147.6         147.1         140.0         147.5         147.6         147.6         147.1         147.1         147.1         147.1         147.1         147.1         147.1         147.1         1	Pumpoff #49	5/10/2023	651.9	647.4	-0.7	147.2	146.1	0.7	144.8	157.3	151.0	4.0	149.2										
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		5/11/2023				150.8	150.0	0.5	148.2	155.7	152.0	2.4	150.0									592.2	29762.3
Pumpoff #51         6/23/2023         551.1         545.6         -1.0         134.4         135.0         -0.4         132.2         143.5         141.0         1.7         137.6         -         -         481.8           Pumpoff #52         8/3/2023         743.6         740.4         -0.4         141.8         140.0         13.73         147.6         145.0         18         142.2         -         -         -         -         481.8           Pumpoff #52         8/2/2023         419.9         410.9         -         136.0         16.1         127.8         133.0         130.0         65         127.6         104.8         87.5         84.0         40.8         80.10.9         -         327.3           Residual Tank         8/25/2023         -         136.3         135.0         1.0         129.5         -         -         1295         -         1295         -         1295         -         1295         -         1295         -         1295         -         1295         -         1295         -         1295         -         1296         1296         -         1296         1296         1296         1296         1296         1296         1296	Pumpoff #50		756.6	740.4	-2.2	141.3	140.0	0.9	138.1	155.4		4.7		152.3	142.0	6.8	140.0						
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$												_										657.2	30419.5
Pumpoff #52         8/3/2023         743.6         740.4         -0.4         141.8         140.0         1.3         137.3         147.6         145.0         1.8         142.2         141.8         87.5         84.0         4.0         82.0         640.6	Pumpoff #51		551.1	545.6	-1.0															1			
8/4/2023         -         148.0         140.0         5.4         137.3         148.3         145.0         2.2         141.8         87.5         84.0         4.0         82.0         640.6           Pumpoff #53         8/2/2/023         419.9         410.9         -2.2         132.1         130.0         16.1         127.8         130.0         6.5         127.6         104.8         104.0         0.8         101.9         77.3         77.3           Pumpoff #54         9/28/2023         639.3         637.7         -0.3         142.2         135.0         5.1         133.0         146.4         135.0         7.8         133.0         151.5         150.0         1.0         147.6         77.6         77.6         78.7         130.0         14.6         147.7         140.0         19         183.3         151.5         150.0         1.0         147.6         77.6         77.6         78.7         130.0         151.5         150.0         1.0         147.6         77.6         77.6         77.7         77.6         77.7         148.4         79.9         75.0         6.1         74.1         77.1         70.6         145.6         147.7         142.5         153.0         33.13.8	B (115-		749.6	740.4								_		<b>├</b> ──	L							481.8	30901.3
Pumpoff #53         8/24/2023         410.9         -2.2         132.1         130.0         1.6         127.8         139.0         130.0         6.5         127.6         104.8         104.0         0.8         101.9          357.3           Residual Tank         8/25/2023         -         -         -         -         -         -         -         -         -         129.5           Pumpoff #53         9/28/2023         637.7         -0.3         142.2         135.0         1.1         130.0         146.4         135.0         7.8         133.0         146.4         135.0         7.8         135.0         1.0         147.6         -         -         -         -         -         -         -         576.3         129.5         7.8         133.0         142.7         140.0         1.9         138.3         -         -         -         -         474.1           Pumpoff #55         10/24/2023         579.1         577.4         -0.6         145.6         145.0         0.4         143.7         151.1         150.0         0.7         148.4         149.7         133.8         -         -         574.7         -         -         574.7	Pumpott #52		/43.6	/40.4	-0.4									07 5	84.0	4.0	02.0			1		640.6	21641.0
Residual Tank         8/25/2023         697.         136.3         135.0         1.0         129.5           Pumpoff #54         9/28/2023         693.3         637.7         -0.3         142.2         135.0         5.1         133.0         146.4         135.0         7.8         133.0         151.5         150.0         1.0         147.6         576.3           Pumpoff #55         10/24/2023         579.1         577.4         -0.3         149.6         135.0         9.8         133.3         142.7         140.0         1.9         138.3         1.0         1.4         474.1           Pumpoff #56         11/30/2023         719.7         -0.6         145.6         145.0         0.4         143.7         151.1         150.0         0.7         148.4           11/30/2023         719.9         715.7         -0.6         145.6         145.0         0.4         143.7         151.1         150.0         5.3         133.8         -	Bumpoff #52		410.0	410.0												_		-					31541.9
Pumpoff #54 9/28/2023         639.3 9/28/2023         637.7 637.4         -0.3 -0.3         142.2 167.8         135.0 167.8         146.4 150.0         135.0 7.6         135.0         15.5         150.0         1.0         147.6         576.3           Pumpoff #55         10/24/2023         579.1         577.4         -0.3         149.6         135.0         9.8         133.3         142.7         140.0         1.9         138.3         147.1         576.3         576.3           Pumpoff #55         10/25/2023         79.9         715.7         -0.6         145.6         147.0         143.0         1.0         1.44.4         1.9         143.4         1.0         1.44.4         1.9         1.8         1.8         1.44.4         1.9         1.0         1.44.4         1.9         1.44.4         1.9         1.44.4         1.9         1.44.4         1.9         1.8         1.8         1.44.4         1.9         1.8 <td></td> <td></td> <td>419.9</td> <td>410.9</td> <td>-2.2</td> <td></td> <td></td> <td></td> <td></td> <td>123.0</td> <td>130.0</td> <td>0.5</td> <td>127.0</td> <td>104.8</td> <td>104.0</td> <td>0.8</td> <td>101.9</td> <td> </td> <td></td> <td>+</td> <td>ł</td> <td></td> <td>31899.2 32028.7</td>			419.9	410.9	-2.2					123.0	130.0	0.5	127.0	104.8	104.0	0.8	101.9			+	ł		31899.2 32028.7
9/29/2023         v         v         167.8         165.0         1.7         162.7         v			639.3	637.7	-0.3					146.4	135.0	7.8	133.0	151 5	150.0	10	147.6					125.5	32020.7
Pumpoff #55 10/22/2023         579.1 (1/32/2023         579.1 (1/32/2023         577.4 (1/32/2023)         -0.3 (1/30, 1/34, 1/30, 1/34, 1/30, 1/34, 1/30, 1/34, 1/			000.0	007.7	5.5					1.0.4	100.0	7.0	100.0	101.0	100.0	<u></u>	1.7.0			1		576.3	32605.0
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Pumpoff #55		579.1	577.4	-0.3					142.7	140.0	1.9	138.3	1								2.0.0	
Pumpoff #56         11/30/2023         719.9         715.7         -0.6         145.6         145.0         0.4         143.7         151.1         150.0         0.7         148.4         0         0.7         148.4           12/14/2023         544.9         542.2         -0.5         134.4         130.0         0.7         148.9         142.5         135.0         5.3         133.8         0.7         148.9         142.5         135.0         5.3         133.8         0.7         148.9         142.5         135.0         5.3         133.8         0.7         148.9         142.5         120.0         3.4         119.1         574.7         574.7           9umpoff #57         12/15/2023         -         -         134.4         130.0         -0.6         138.8         137.0         135.0         0.9         133.8         154.3         154.0         0.2         152.3           2/7/2024         763.6         762.7         -0.1         139.1         140.0         1.6         147.0         150.1         139.2         134.0         132.0         152.3         142.7         1227.5         142.4         149.9         148.0         13         145.2         134.0         132.0         152.																				1		474.1	33079.1
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Pumpoff #56		719.9	715.7	-0.6															1	1	1	
Pumpoff #57- 58         12/15/2023 2//2024         762.7         762.7         -0.1         140.6         140.0         0.4         137.0         145.0         138.6         135.0         10.9         138.8         154.3         154.0         0.2         152.0         122.5           2//2024         763.6         762.7         -0.0         139.1         140.0         -0.6         138.8         136.2         135.0         0.9         138.8         154.3         154.0         0.2         152.0	-					151.1		0.7		142.5						L				L		574.7	33653.8
58         2/6/2024         763.6         762.7         -0.1         139.1         140.0         -0.6         138.8         136.2         135.0         0.9         133.8         154.3         154.0         0.2         152.3         122.3         122.7           Pumpoff #59         3/11/2024         857.2         849.2         -0.9         151.4         149.0         147.0         150.1         147.9         145.7         143.0         15         149.0         149.2         134.0         149.2         150.0         15         129.4         122.7<		12/14/2023	544.9	542.2	-0.5	134.4	130.0	3.3	129.5	124.2	120.0	3.4	119.1	Γ									
2/7/2024         M<	Pumpoff #57-					140.6		0.4												1			
Pumpoff #59 3/11/2024         3/11/2024 3/12/2024         857.2         849.2         -0.9         151.4         149.0         1.6         147.0         150.1         147.9         1.5         146.0         149.2         150.0         -0.5         147.2         171.5           Pumpoff #60         4/9/2024         565.1         562.3         -0.5         121.9         10.0         119.9         120.4         120.4         120.4         147.0         143.4         140.0         2.4         137.7         143.7         147.7         147.7         148.7         147.7         147.7         147.7         148.7         147.7         147.7         147.7         147.7         <	58		763.6	762.7	-0.1															1			
3/12/2024       1/4			L													_						1227.5	34881.3
Pumpoff #60         4/9/2024         565.1         562.3         -0.5         121.9         121.9         121.9         120.4         120.4         100.1         119.7         143.4         140.0         2.4         137.7         507.7           Pumpoff #61         5/29/2024         840.8         837.8         -0.4         140.0         0.1         137.9         152.0         0.0         149.0         148.0         150.0         -1.4         147.5         507.7           62         5/30/1934         306.0         304.6         -0.5         159.3         159.0         0.2         155.7         149.5         152.0         -1.7         150.1         -1.4         147.5         970.1           ResidualTank         5/10/2024         81.8         -0.5         146.8         145.0         1.2         142.7         147.7         147.5         90.8         90	Pumpoff #59		857.2	849.2	-0.9									149.2	150.0	-0.5	147.2			1		l	
4/16/2024         1																-				-		711.5	35592.8
Pumpoff#61 62         \$/29/2024 \$/30/1934 \$/31/2024         840.8 304.6         837.8 304.6         -0.4 143.0         140.0 195.0         1         175.0 143.0         150.1 145.0         150.1 175.0         150.1 175.0 </td <td>Pumpoff #60</td> <td></td> <td>565.1</td> <td>562.3</td> <td>-0.5</td> <td></td> <td></td> <td></td> <td></td> <td>120.4</td> <td>120.4</td> <td>0.0</td> <td>119.7</td> <td>143.4</td> <td>140.0</td> <td>2.4</td> <td>137.7</td> <td></td> <td></td> <td>1</td> <td></td> <td>F 0</td> <td></td>	Pumpoff #60		565.1	562.3	-0.5					120.4	120.4	0.0	119.7	143.4	140.0	2.4	137.7			1		F 0	
Pumport #b1         5/30/1934         306.0         304.6         -0.5         159.3         159.0         0.2         155.7         149.5         152.0         -1.7         150.1         5/30/1934         5/30/1934         5/30/1934         5/30/1934         306.0         304.6         -0.5         159.3         159.0         120.1         152.0         -1.7         150.1         5/30/1934         5			040.0	0.07 0	<u>.</u>					452.0	452.0	0.0	140.0	140.0	450.0		4 47 5			-		507.7	36100.5
62       5/30/1934       30.0       30.4       -0.5       159.3       159.0       0.2       157.7       149.5       152.0       -1.7       150.1       -	Pumpoff #61-													148.0	150.0	-1.4	147.5			1			
Residual Tank         5/10/2024         Image: Signal Constraint of the system         88.9         88.2         -5.1         84.0         Image: Signal Constraint of the system         Image: Signal Constanded Constanded Constraint of the system         Image:			306.0	304.6	-0.5															1		970.1	37070 6
Pumpoff #63 7/10/2024 816.2 811.8 -0.5 146.8 145.0 1.2 142.7 147.2 148.0 -0.5 146.5	Residual Tank		<u> </u>							30.8	90.8	0.0	09.7	+		┝				+	ł		37070.6 37154.6
			816.2	811 9	-05					147.2	148.0	-05	146 5	-			-					04.0	37134.0
		7/11/2024	010.2	011.0	5.5	140.8	143.0	0.4	151.7	153.4	148.0	2.2	148.2	136.6	135.0	1.2	133.0			1		722.1	37876.7

## **Total Fluid Reconciliation**

				Truck 1	Truck 2	Truck 3	Truck 4	<b>D</b>	The second second second	1
		Total Fluid	Water Decanted	Total Fluids	Total Fluids	Total Fluids	Total Fluids	Residual	Total of Fluid	1
		Frac Tank Strap at Port Fourchon	From Frac Tank Using Strap	to Acadiana NRC	to Acadiana NRC	to Acadiana NRC	to Acadiana NRC	left in Frac	From Trucks, Residual &	
		by NRC	Measurement	Frac Strap	Frac Strap	Frac Strap	Frac Strap	Tanks	Decant	%
	Date	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	Diff
Pump Off #1	4/26/2019	215.7	0.0	(551)	(551)	(551)	(551)	(551)	(661)	Dill
	5/6/2019			113.7	97.0	0.0	0.0	5.2	215.9	0.1
Pump Off #2	5/3/2019	223.5	15.6							
	5/8/2019			101.3	82.8	0.0	0.0	17.6	217.3	-2.8
Pump Off #3	5/13/2019	331.2	0.0							
	5/16/2019			103.2	126.4	108.5	0.0	16.2	354.3	-1.6
Pump Off #4	6/19/2019	905.5	32.5	139.4	138.7	0.0	0.0		310.6	
	6/20/2019			137.7	140.7	140.6	144.1 0.0	0.6	563.1 49.1	
	6/21/2019 PO4: Total			48.5	0.0	0.0	0.0	0.6	922.8	-1.8
Pump Off #5	7/31/2019	1196.6	96.3	139.2	142.7				281.9	1.0
	8/1/2019			139.1	140.7	146.0	138.0		563.8	
	8/2/2019			99.8	101.0			45.2	246.0	-0.7
	PO5: Total								1188.0	
Pump Off #6	8/26/2019	874.6	56.8	141.7	140.3	141.5			480.3	
	8/27/2019		*	140.5	137.2	61.3		57.9	396.9	
	PO6: Total							*	877.2	0.3
Pump Off #7	9/23/2019	880.4	41.3	138.0	144.3	142.6			466.2	
	9/24/2019		*	144.4	143.7	55.3		55.3	398.7	
Duran Off #0	P07: Total	707.4	27.2					*	864.9	-1.8
Pump Off #8	10/21/2019 10/22/2019	787.4	27.2	143.9	154.2	144.0			27.2	
	10/22/2019			143.9	154.3 130.0	144.0			442.2 267.7	
Residual Tank	10/23/2019	205.1	53.5	137.7	130.0	125.4		66.4	245.3	
nesidudi runk	PO8: Total	205.1	55.5			125.4		00.4	982.4	-1.0
Pump Off #9	11/19/2019		32.0	142.3	143.8	145.3			463.4	
	11/20/2019	757.8		145.6	92.1			55.6	293.3	
	PO9: Total								756.7	-0.1
Pump Off #10	12/17/2019	942.8	33.4	142.0	71.4	146.4			393.2	
	12/18/2019			146.4	144.3	144.0	47.4	73.9	556.0	
	PO10: Total								949.2	0.7
Pump Off #11	1/9/2020	691.0	39.2	128.7	128.0	129.8		72.7	498.4	
Desidual Teals	1/10/2020	207.0	01.5	79.4	92.6			121 7	172.0	
Residual Tank	1/8/2020 PO11: Total	307.0	81.5	141.9				121.7	345.1 1015.5	1.8
Pumpoff #12	2/11/2020	722.5	49.1						49.1	1.0
	2/12/2020	_	2.7	120.8	102.1	99.0			324.6	
	2/13/2020		3.9	149.5	114.2			87.5	355.1	
	PO12: Total							*	728.8	0.9
Residual tank	2/17/2020 2/18/2020	265.8	93.6 23.5	108.2				121.7	201.8 145.2	
	Resid Total		23.5					121.7	347	-1.8
Pumpoff #13	3/11/2020	570.2	39.6						39.6	
•	3/12/2020		2.8	114.5	138.3				255.6	
	3/13/2020			93.6	120.0			63.7	277.3	
D	PO13: Total	020.0	<b>FF</b> 4	-					572.5	0.4
Pumpoff #14	4/15/2020 4/16/2020	928.8	55.1	147.2	145.2	148			55.1 440.4	
	4/17/2020			144.9	144.1	87.4		65.4	441.8	
	PO14:Total								937.3	0.9
Residual tank	4/13/2020	244.1	67.6					Γ	67.6	
	4/14/2020			149.9				26.6	176.5	
Pumpoff #15	F/6/2020	783.1	18.3						244.1	0.0
Pumpon #15	5/6/2020 5/7/2020	/03.1	18.5	150.3	148.0	145.2			18.3 444.7	
	5/8/2020		1.2	147.2	131.7	145.2		40.0	318.9	
	PO15: Total				_				781.9	-0.2
Pumpoff #16	5/27/2020	583.3	25.3						25.3	
	5/28/2020			142.1					142.1	
	5/29/2020 PO16: Total			138.0	135.1	115.0		27.8	415.9	0.0
Residual tank	5/27/2020		67.2	-}	<u> </u>	<b> </b>		153.6	583.3	0.0
Pumpoff #17	7/8/2020	956.3	23.6	1					23.6	1
	7/9/2020		2.4	149.1	148.8	149.2			449.5	1
	7/10/2020			150.7	137.1	119.9		63.3	471	1
Duma off 114.0	PO17: Total	642.0	44.0						944.1	-1.3
Pumpoff #18	7/22/2020 7/27/2020	642.6	14.3	129.9	140.6	138.2	139.8	0.0		1
	7/28/2020		13.6	66.0	140.0	130.2	135.0	0.0	642.4	0.0
Residual Tank	7/22/2020	299.6	67.2					t		†- <u></u>
	7/28/2020		31.3	113.0				84.5	296.0	-1.2
		000 4	7.8	128.2	135.5			1		1
Pumpoff #19	9/1/2020 9/2/2020	886.4	7.0	128.2	135.9	135.9	134.8	76.2	885.5	-0.1

## **Total Fluid Reconciliation Contd.**

				Truck 1	Truck 2	Truck 3	Truck 4	1		
		Total Fluid	Water Decanted	Total Fluids	Total Fluids	Total Fluids	Total Fluids	Residual	Total of Fluid	
		Frac Tank Strap	From Frac Tank	to Acadiana	to Acadiana	to Acadiana	to Acadiana	left in	From Trucks,	
		at Port Fourchon	Using Strap	NRC	NRC	NRC	NRC	Frac	Residual &	
	Data	by NRC	Measurement	Frac Strap	Frac Strap	Frac Strap	Frac Strap	Tanks	Decant	%
D	Date 9/29/2020	(bbl) 450.9	(bbl) 52.9	(bbl)	(bbl) 143.5	(bbl)	(bbl)	(bbl) 24.8	(bbl)	Diff
Pumpoff #20	9/29/2020 9/30/2020	450.9	52.9	144.0 85.7	143.5			24.8	450.9	0.0
Residual Tank	9/30/2020	273.2	116.1		<u>+</u>					
Residual funk	10/1/2020	275.2	2.7	136.5				17.9	273.2	0.0
Pumpoff #21	10/15/2020	610.1	14.0	139.0	145.3					
	10/16/2020			147.2	136.0			28.6	610.1	0.0
Residual Tank	10/14/2020	293.4	111.8					49.5	293.4	0.0
	10/15/2020		132.1	-	-	-				
Pumpoff #22	11/16/2020	673.2	68.7	146.5	143.4	146.4		22.2	(72.2	0.0
Pumpoff #23	11/17/2020 12/30/2020	784.3	2.7 30.3	133.2 146.1	146.8	145.2		32.3	673.2	0.0
Pullipuli #25	12/30/2020	764.5	50.5	145.3	140.8	145.2		56.7	784.3	0.0
	1/27/2021	663.9	23.3	1010	11010			5017	70110	0.0
Pumpoff #24	1/28/2021			140.2						
	2/19/2021		11.8	146.0	150.7	115.3		68.5	655.8	-1.2
Residual Tank	2/20/2021	164.8	31.1	100.9				32.8	164.8	0.0
Pumpoff # 25	3/3/2021	738.1	26.1							
	3/8/2021		5.7	144.6	146.5	146.0				
Duran off # 20 27	3/9/2021	1010.0	73.8	144.1	77.3			47.8	738.1	0.0
Pumpoff # 26-27	4/1/2021	1016.9								
	4/20/2021 4/21/2021		60.2	143.7	142.6					
	4/22/2021		6.4	123.5	146.4	144.1		62.2	1014.3	
	4/23/2021			111.4	1.0.7			52.2	_01.15	-0.3
Residual Tank	4/21/2021	216.9	9.4	132.5	t			23.8		
	4/22/2021		18.2							
	4/23/2021		32.6						216.5	-0.2
Pumpoff #28	5/26/2021	706.1	72.5							
	5/27/2021			144.5	141.4	143.3		24.6	706.4	
Pumpoff #29	5/28/2021 7/14/2021			81.1	88.7			34.6	706.1	0.0
Pumpon #29	7/14/2021 7/15/2021	631.7	81.4	114.7	150.8	119.8	155.3	9.7	631.7	0.0
Residual Tank	7/16/2021	371.2	219.1	114.7	150.0		133.5		371.2	0.0
	7/21/2021	07112	152.1						07112	0.0
Pumpoff #30	8/4/2021	750.2	20.4							
-	8/5/2021			115.3	112.6	106.8				
	8/6/2021			118.5	118.4	124.3		33.9	750.2	0.0
Pumpoff #31	9/22/2021	598.4	16.7							
	9/23/2021		22.2	145.6	142.9				500.4	
Pumpoff #32	9/24/2021	937.1	28.2	126.3	138.7 148.7				598.4	0.0
Pullipuli #52	11/3/2021 11/4/2021	957.1	51.7	147.8 152.5	148.7					
	11/5/2021			150.2	154.0					
	11/9/2021			118.8				32.0	936.3	-0.1
Pumpoff #33	11/29/2021	786.2	56.0							
	11/30/2021			142.9	144.0	149.6				
	12/1/2021			141.5	130.9			21.3	786.2	0.0
Pumpoff #34	1/5/2022	673.8	107.1							
	1/6/2022			149.6	144.0	152.3		24.2	672.6	0.0
Pumpoff #35	1/7/2022	551.9	6.2	86.4			l	34.2 8.3	673.6 555.4	-0.6
Pullipuli #35	2/8/2022 2/15/2022	331.9	6.2 9.3					0.3	555.4	
	2/15/2022 2/16/2022		5.5	144.1	140.2					
	2/17/2022			125.5	121.8					0.6
Residual Tank	2/8/2022	207.1	104.8	·	t					-
	2/17/2022		1.5	94.0				6.8	207.1	0.0
Pumpoff #36	2/21/2022	678.5								
	3/18/2022		54.9							
	3/23/2022		3.1	152.5	152.7			31.6	700.4	
Residual Tank	3/24/2022	27.7	27.7	148	157.6		ł	0	27.7	3.1 0.0
Pumpoff #37	3/18/2022 4/6/2022	868.2	21.1					U	21.1	0.0
1 unipoli #37	4/6/2022 4/22/2022	000.2	22.9							
	5/4/2022		2.8	146	151.5	156.2				
	5/6/2022			145.7	127.3	70.4		46.2	869.0	0.1
Pumpoff #38	5/15/2022	674		1	1	1				
-	5/31/2022		69.2							
	6/1/2022		3.9	145.2	150.3					
	6/2/2022			140.2	136.6			28.6	674.0	0.0
Pumpoff #39	6/28/2022	538.3	39.3	445 -	442.5					
	6/29/2022 6/30/2022			145.7	143.6			22.0	542.4	0.2
	n/ su/ /U//			142	49.8	1	1	22.0	544.4	U.2

## **Total Fluid Reconciliation Contd.**

				Truck 1	Truck 2	Truck 3	Truck 4	1		
		Total Fluid	Water Decanted	Total Fluids	Total Fluids	Total Fluids	Total Fluids	Residual	Total of Fluid	
		Frac Tank Strap	From Frac Tank	to Acadiana	to Acadiana	to Acadiana	to Acadiana	left in	From Trucks,	l
		at Port Fourchon	Using Strap	NRC	NRC	NRC	NRC	Frac	Residual &	l
		by NRC	Measurement	Frac Strap	Frac Strap	Frac Strap	Frac Strap	Tanks	Decant	%
	Date	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	Diff
Pumpoff #40	7/27/2022	702.1	15.4	(551)	(001)	(001)	(661)	(551)	(661)	DIII
Fullipoli #40	7/28/2022	702.1	15.4	139.1	144.9	135.9				l
	7/29/2022			141.8	86.8	155.5		38.2	702.1	0.0
Pumpoff #41	8/25/2022	459.8	36.5	141.0	00.0			50.2	702.1	0.0
Pullipuli #41	8/25/2022	459.0	50.5	149.6						ĺ
	8/29/2022			149.0	106.3			17.5	459.8	0.0
Pumpoff #42	9/5/2022	563.9	16.6	145.5	100.5			17.5	435.0	0.0
Fullipoli #42	9/20/2022	505.9	10.0	151.5						
	9/20/2022			151.9	153.7	75.0		15.5	564.2	0.1
Residual Tank	9/21/2022	203.3	16.0	74.2	86.5	, , , , , , , , , , , , , , , , , , , ,		26.6	203.3	0.0
Pumpoff #43	10/4/2022	581.8	19.5	74.2	80.5			20.0	203.5	0.0
Pumpon #45	10/4/2022	561.6	19.5	143.8	145.6					l
	10/20/2022			145.8	83.9			42.6	582.0	0.0
D		F 90 2	15.0	140.0	65.9			42.0	582.0	0.0
Pumpoff #44	11/5/2022	580.2	15.2	120.2	122.4					
	11/22/2022			138.3	132.4			10.2	F0F 2	0.0
Dumment	11/23/2022	C24 7	10 5	148.0	133.2			18.2	585.3	0.9
Pumpoff #45	12/3/2022	621.7	18.5	144.0	150.0	140 5			1	1
	12/20/2022			144.9	150.3	149.5		12.0	621 7	0.0
Desidual Tarda	12/21/2022	200 5	125.2	145.7				12.8	621.7	0.0
Residual Tank	12/21/2022	209.5	135.2	62.5				11.8	209.5	0.0
Pumpoff #46	1/7/2023	709.7	37.6	107.0	400.0					
	1/26/2023			137.9	132.9	124.3		20.2	700 7	0.0
	1/27/2023			135.2	102.5			39.3	709.7	0.0
Pumpoff #47	2/2/2023	578.6	43.4							
	2/23/2023			110.7	145.7				570.0	
	2/24/2023		2.7	139.8	122.3			14.0	578.6	0.0
Pumpoff #48	3/8/2023	607.8	22.5							
	3/28/2023		2.0	141.8	136.7					
	3/29/2023			149.1	136.4			19.3	607.8	0.0
Pumpoff #49	4/10/2023	647.4	15.5							
	5/10/2023			147.2	157.3					
	5/11/2023			150.8	155.7			20.9	647.4	0.0
Pumpoff #50	5/21/2023	740.4	12.9							
	6/6/2023			141.3	155.4	152.3				
	6/7/2023			147.2	101.7			29.6	740.4	0.0
Pumpoff #51	6/13/2023	545.6	18.5							
	6/22/2023			134.4	143.5					l
	6/23/2023			143.7	78.8			26.7	545.6	0.0
Pumpoff #52	7/21/2023	740.4	14.4							
	8/3/2023			141.8	147.6					
	8/4/2023			148.0	148.3	87.5		52.8	740.4	0.0
Pumpoff #53	8/12/2023	410.9	16					1		
	8/24/2023			132.1	139.0	104.8		19.0	410.9	0.0
Residual Tank	8/25/2023	216.1	38.5	136.3				41.3	216.1	0.0
Pumpoff #54	9/13/2023	637.7	8.1							
	9/28/2023			142.2	146.4	151.5			1	Í.
	9/29/2023			167.8				21.7	637.7	0.0
Pumpoff #55	10/10/2023	577.4	39.1							[
	10/24/2023			149.6	142.7				1	1
	10/25/2023		0.4	150.4	79.9			15.3	577.4	0.0
Pumpoff #56	11/9/2023	715.7	107.6						[	[
·	11/30/2023			145.6	151.1				1	1
	12/1/2023			151.1	142.5			17.8	715.7	0.0
Pumpoff #57-58	12/6/2023	542.2	14.8	1	-	1				
. α.προτι <del>π</del> 57 36	12/0/2023	5.2.2	110	134.4	124.2				1	1
	12/14/2023			134.4	127.2			5.3	1	1
		763 7	17.0	140.0				5.5	1	1
	1/15/2024	762.7	17.9	400.4	400.0	454.0		ļ	1	1
	2/6/2024		1.1	139.1	136.2	154.3			10515	
	2/7/2024		3.8	145.7	149.9	134.0	<b> </b>	3.6	1304.9	0.0
Residual Tank	12/13/2024	288.7	92.4					196.3	1	1
	2/5/2024	208.3	92.8					115.5	497.0	0.0
Pumpoff #59	3/1/2024	849.2	102.8					ļ	1	l
	2/11/2021		8.4	151.4	150.1	149.2			1	1
	3/11/2024 3/12/2024		011	152.2	127.4			7.8	849.3	0.0

## **Total Fluid Reconciliation Contd.**

				Truck 1	Truck 2	Truck 3	Truck 4			
		Total Fluid	Water Decanted	Total Fluids	Total Fluids	Total Fluids	Total Fluids	Residual	Total of Fluid	
		Frac Tank Strap	From Frac Tank	to Acadiana	to Acadiana	to Acadiana	to Acadiana	left in	From Trucks,	
		at Port Fourchon	Using Strap	NRC	NRC	NRC	NRC	Frac	Residual &	
		by NRC	Measurement	Frac Strap	Frac Strap	Frac Strap	Frac Strap	Tanks	Decant	%
	Date	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	(bbl)	Diff
Pumpoff #60	4/8/2024	562.3	32.6							
	4/9/2024			121.9	120.4	143.4				
	4/16/2024		3.1	134.0				6.9	562.3	0.0
Residual Tank	4/8/2024	312.0	75.7							
	4/16/2024		101.0					135.3	312.0	0.0
Pumpoff #61-62	5/28/2024	1142.4	90.4							
	5/29/2024		51.6	140.2	152.0	148.0				
	5/30/2024			159.3	149.5					
	5/31/2024			143.0	90.8			17.6	1142.4	0.0
Residual Tank	5/10/2024	157.3	73.4	83.9	[		[		157.3	0.0
Pumpoff #63	7/9/2024	811.8	57.5							
	7/10/2024			146.8	147.2					
	7/11/2024			154.6	153.4	136.6		15.7	811.8	0.0
Residual Tank	7/9/2024	42.1	42.1	T	[		Γ	0.0	42.1	0.0

## **Barrels of Oil Collected Daily**

				Conce	icu L	Juny			
					Total	Net	RRS		
					Collection	Oil	Collection Rate		on Rate
		Start Time		End Time	Duration	Collected	Of Oil		Oil
	Start Date	(hrs)	End Date	(hrs)	(Days)	(bbl)	(bbl/day)	(gallor	
Collection Duration for 1st Trip	4/12/2019	00:00	4/23/2019	01:05	11.0	187.4	17.0	715.7	gallons/day
Collection Duration for 2nd Trip	4/23/2019	01:05	4/30/2019	21:09	7.9	181.6	23.0	965.6	gallons/day
Collection Duration for 3rd Trip	4/30/2019	21:09	5/12/2019	23:20	12.1	295.7	24.4	1026.5	gallons/day
Collection Duration for 4th Trip	5/12/2019	23:20	6/13/2019	17:17	31.5	850.0	27.0	1132.3	gallons/day
Collection Duration for 5th Trip	6/13/2019	17:17	7/21/2019	01:40	37.4	983.7	26.3	1104.7	gallons/day
Collection Duration for 6th Trip	7/21/2019	01:40	8/18/2019	03:15	28.6	757.2	26.5	1112.0	gallons/day
Collection Duration for 7th Trip	8/18/2019	03:15	9/12/2019	22:30	25.8	749.2	29.0	1219.6	gallons/day
Collection Duration for 8th Trip	9/12/2019	22:30	10/9/2019	10:15	26.5	675.8	25.5	1071.1	gallons/day
Collection Duration for 9th Trip	10/9/2019	10:15	11/10/2019	01:05	31.6	659.1	20.8*	875.5	gallons/day
Collection Duration for 10th Trip	11/10/2019	01:05	12/6/2019	10:25	25.9	818.6	31.6*	1327.5	gallons/day
Collection Duration for 11th Trip	12/6/2019	10:25	12/31/2019	22:25	25.5	567.2	22.2	934.2	gallons/day
Collection Duration for 12th Trip	12/31/2019	22:25	1/30/2020	17:50	29.8	528.8	17.7	745.3	gallons/day
Collection Duration for 13th Trip	1/30/2020	17:50	3/2/2020	02:00	31.3	456.4	14.6	612.4	gallons/day
Collection Duration for 14th Trip	3/2/2020	02:00	4/2/2020	01:15	31.0	798.4	25.8	1081.7	gallons/day
Collection Duration for 15th Trip	4/2/2020	01:15	4/25/2020	15:45	23.1	707.7	30.6	1286.7	gallons/day
Collection Duration for 16th Trip	4/25/2020	15:45	5/15/2020	18:40	20.1	513.0	25.5	1071.0	gallons/day
Collection Duration for 17th Trip	5/15/2020	18:40	6/18/2020	22:55	34.2	834.4	24.4	1024.8	gallons/day
Collection Duration for 18th Trip	6/18/2020	22:55	7/12/2020	15:10	23.7	601.5	25.4	1066.8	gallons/day
Collection Duration for 19th Trip	7/12/2020	15:10	8/13/2020	06:00	33.6	785.5	23.4	982.8	gallons/day
Collection Duration for 20th Trip	8/15/2020	06:00	9/2/2020	13:25	18.3	357.4	19.5	819.0	gallons/day
Collection Duration for 21st Trip	9/2/2020	13:25	10/4/2020	15:20	32.1	548.3	17.1	718.2	gallons/day
Collection Duration for 22nd Trip	10/4/2020	15:20	11/3/2020	16:10	30.0	532.4	17.7	743.4	gallons/day
Collection Duration for 23rd Trip	11/3/2020	16:10	12/10/2020	13:00	36.9	655.4	17.8	747.6	gallons/day
Collection Duration for 24th Trip	12/10/2020	13:00	1/9/2021	09:15	29.8	517.5	17.4	730.8	gallons/day
Collection Duration for 25th Trip	1/9/2021	09:15	2/21/2021	11:30	43.1	624.7	14.5	609.0	gallons/day
Collection Duration for 26th Trip	2/21/2021	11:30	3/15/2021	22:25	22.4	-	-		-
Collection Duration for 27th Trip	3/15/2021	22:25	4/8/2021	12:35	23.6	-	-		-
Collection Duration for 26-27th	2/21/2021	11:30	4/8/2021	12:35	46.0	792.8	17.2	722.4	gallons/day
Trip									
Collection Duration for 28th Trip	4/8/2021	12:35	5/14/2021	12:14	36.0	565.2	15.7	659.4	gallons/day
Collection Duraiton for 29th Trip	5/14/2021	12:14	6/11/2021	12:08	28.0	527.4	18.8	789.6	gallons/day
Collection Duration for 30th Trip	6/11/2021	12:08	7/22/2021	13:38	41.1	673.4	16.4	688.8	gallons/day
Collection Duration for 31st Trip	7/22/2021	13:38	9/4/2021	05:40	43.7	-	-	-	gallons/day
Collection Duration for 32nd Trip	9/4/2021	05:40	10/5/2021	15:30	31.4	-	-	-	gallons/day
Collection Duration for 31-32nd	7/22/2021	13:38	10/5/2021	15:30	75.1	1371.7	18.3	768.6	gallons/day
Trip	10/5/2021	15.20	11/12/2021	22.20	20.2	600.0	17 5	725.0	an lla na (dau
Collection Duration for 33rd Trip	10/5/2021	15:30	11/13/2021	22:29	39.3	688.0	17.5	735.0	gallons/day
Collection Duration for 34th Trip	11/13/2021	22:29	12/14/2022	13:20	30.6	518.5	16.9	709.8	gallons/day
Collection Duration for 35th Trip	12/14/2022	13:20	1/13/2022	23:30	30.4	513.5	16.9	709.8	gallons/day
Collection Duration for 36th Trip	1/13/2022	23:30	2/18/2022	17:25	35.8	578.9	16.2	680.4	gallons/day
Collection Duration for 37th Trip	2/18/2022	17:25	4/4/2022	17:56	45.0	768.5	17.1	718.2	gallons/day
Collection Duration for 38th Trip	4/4/2022	17:56	5/11/2022	16:43	36.9	547.6	14.8	621.6	gallons/day
Collection Duration for 39th Trip	5/11/2022	16:43	6/7/2022		26.9	455.1	16.9	709.8	gallons/day
Collection Duration for 40th Trip	6/7/2022	15:50	7/14/2022	05:15	36.6	619.2	16.9	709.8	gallons/day
Collection Duration for 41st Trip	7/14/2022	05:15	8/5/2022	01:45	21.9	387.6	17.7	743.4	gallons/day
Collection Duration for 42nd Trip	8/5/2022	01:45	9/2/2022	14:35	28.5	514.9	18.1	760.2	gallons/day
Collection Duration for 43rd Trip	9/2/2022	14:35	10/1/2022	18:16	29.2	498.6	17.1	718.2	gallons/day
Collection Duration for 44th Trip	10/1/2022	18:16	11/2/2022	10:40	31.7	530.2	16.7	701.4	gallons/day
Collection Duration for 45th Trip	11/2/2022	10:40	12/2/2022	02:09	29.6	549.0	18.5	777.0	gallons/day
Collection Duration for 46th Trip	12/2/2022	02:09	1/5/2023	03:27	34.1	618.4	18.1	760.2	gallons/day
Collection Duration for 47th Trip	1/5/2023	03:27	1/31/2023	15:01	26.5	495.2	18.7	785.4	gallons/day
Collection Duration for 48th Trip	1/31/2023	15:01	3/5/2023	14:26	32.9	546.0	16.6	697.2	gallons/day
Collection Duration for 49th Trip	3/5/2023	14:26	4/7/2023	17:47	33.1	592.2	17.9	751.8	gallons/day
Collection Duration for 50th Trip	4/7/2023	17:47	5/14/2023	05:36	36.5	657.2	18.0	756.0	gallons/day

## **Barrels of Oil Collected Daily Contd.**

						0011			
					Total	Net	RRS		
					Collection	Oil	<b>Collection Rate</b>	Collecti	on Rate
		Start Time		End Time	Duration	Collected	Of Oil	of	Oil
	Start Date	(hrs)	End Date	(hrs)	(Days)	(bbl)	(bbl/day)	(galloi	n/day)
Collection Duration for 51st Trip	5/14/2023	05:36	6/10/2023	14:30	27.4	481.8	17.6	739.2	gallons/day
Collection Duration for 52nd Trip	6/10/2023	14:30	7/19/2023	20:38	39.3	640.6	16.3	684.6	gallons/day
Collection Duration for 53rd Trip	7/19/2023	20:38	8/10/2023	00:15	21.2	357.3	16.9	709.8	gallons/day
Collection Duration for 54th Trip	8/10/2023	00:15	9/10/2023	23:55	32.0	576.3	18.0	756.0	gallons/day
Collection Duration for 55th Trip	9/10/2023	23:55	10/8/2023	14:38	27.6	474.1	17.2	722.4	gallons/day
Collection Duration for 56th Trip	10/8/2023	14:38	11/8/2023	00:22	30.4	574.7	18.9	793.8	gallons/day
Collection Duration for 57th Trip	11/8/2023	00:22	12/4/2023	13:38	26.5	-	-	-	gallons/day
Collection Duration for 58th Trip	12/4/2023	13:38	1/13/2024	22:53	40.4	-	-	-	gallons/day
Collection Duration for 57-58th Trip	11/8/2023	00:22	1/13/2024	22:53	66.9	1227.5	18.3	768.6	gallons/day
Collection Duration for 59th Trip	1/13/2024	22:53	2/22/2024	06:50	39.3	711.5	18.1	760.2	gallons/day
Collection Duration for 60th Trip	2/22/2024	06:50	3/20/2024	19:59	27.5	507.7	18.5	777.0	gallons/day
Collection Duration for 61st Trip	3/20/2024	19:59	5/1/2024	01:31	41.2	-	-	-	gallons/day
Collection Duration for 62nd Trip	5/1/2024	01:31	5/13/2024	09:32	12.3	-	-	-	gallons/day
Collection Duration for 61-62nd									
Trip	3/20/2024	19:59	5/13/2024	09:32	53.5	970.1	18.1	760.2	gallons/day
Collection Duration for 63rd Trip	5/13/2024	09:32	6/22/2024	10:58	40.1	722.1	18.0	756.0	gallons/day

## **Barrels of Oil Collected Per Day Since RRS Install**

					Total	Net	RRS		
					Collection	Oil	<b>Collection Rate</b>	Collecti	on Rate
		Start Time		End Time	Duration	Collected	Of Oil	of	Oil
	Start Date	(hrs)	End Date	(hrs)	(Days)	(bbl)	(bbl/day)	(gallo	n/day)
Average collection to date less									
residual tank	4/12/2019	00:00	6/22/2024	10:58	1898.3	36,439.1	19.2	806.4	gallons/day
Total Collection to date	4/12/2019	00:00	6/22/2024	10:58	1898.3	37 <i>,</i> 876.7	20.0	840.0	gallons/day

	Bbl	Gal
Net Oil collected	37,876.7	1,590,821.4
Total Oily fluids collected:	42,509.3	1,785,390.6

# Appendix 1

# MC20 Product Removal and Transportation with Completed Documentation





Couvillion Group, LLC

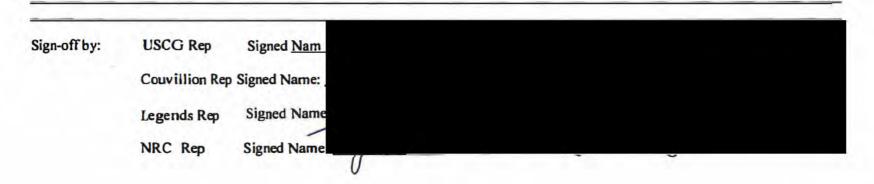
Attachment A: Dockside Transfer - Transfer of Liquid and Crude Oil in Accordance with Maintenance

Date: 6-24-24

Time Transfer Ended: \_\_\_\_\_

	Colum n A	Column B	Column C	Column D	Column E
	Residual Tank Volume From Prior Operation (bbl)	On Board the Vessel Tank Strap Measurement Prior to Start of Offloading (bbl)	Onshore Frac Tank Strap Measurement after Offloading (bbl)	Volume of Fluid (Column C-A) (bbl)	% Difference Column (D-B)/D * 100
Tank I	0	RET- 423.1	274.4	274.4	
Tank 2	0	STAR- 393.	268.5	268.5	
Tank 3	0	-	268.9	268.9	
Total	0	816.2	811.8	BII.8	- 0.5%

Note: If the % Difference is greater than 3% please attempt to explain the difference: \_



Page 7 of 15





### Attachment B: Port Fourchon Shore Base On-Site Interim Tank Storage Measurements Before Offloading to Tank Trucks (Decanting of Water)

Date: 7-9-24

+

Time:

Time Measurements begin after Vessel Offloading in hours:

	Column A	Column B	Column C	Column D
	Tank Strap from Offloading (Initially use Column C from Attach A and on subsequent decants use Column D from this form) bbl	Today's Interim Tank Strap Measurement bbl	Tank Strap Measurement after Decanting bbl	Oily Water Mixture Volume Column (B-C) bbl
Tank 1	274.4	274.4	223.5	45.9
Tank 2	268.5	268.5	262.7	5.8
Tank 3	268.9	268.9	263.	5.8
Total	811.0	811.8	754.3	57.5
Tank4	42.1	42.1	0.0	42-1

Page 8 of 15

Sign-off by: USCG Rep (optional) Signed Name:

Couvillion Rep Signed Name:

NRC Rep Signed Name:

42.1 00 42.1

Doc #: Couv-O&M-Doc-00004

Couv-MC20-O&M-RPT-DOC-00087





Couvillion Group, LLC

Attachment D: Decanted Water from Frac Tanks to Disposal Facility

Date: 7-9-24

	Column A	Column B	Column C
	Beginning Tank Strap Measurement bbl	Decant and then Tank Strap Measurement bbl	Volume of oily water transferred to Disposal Facility Column B – Colum using Strap Measurement bbl
Tank 1	274.4	228.5	45.9
Tank 2	268.5	262.7	5.8
Tank 3	268.9	263.1	5.8
Tank 4	42.5	0.0	42.1

**Residual Volume left in Tanks** 

	Strap Measurement bbl
Tank I	228.5
Tank 2	242.7
Tank 3	263.1
Tank4	0.0

Sign-off by: USCG Rep(Optional) Signed Name:

Couvillion Rep

NRC Rep

Signed Name:

Rep

Signed Name:









### **Attachment C: WASTE MANAGEMENT TRACKING FORM**

Oily Water Transportation and Net Crude Oil

Start Shipments Date: 7-10-24

Manifest Number	Transporter	Truck Number	Date	Receiving Facility	Manifested Volume loaded from Port Fourchon Frac Tank into Truck (bbl from Strap)	Volume received by Buyer ( bbt by Strap)	Net Crude Oil bbls (Acadiana Oil Ticket)
1	AOL	2001-02	7/10	AOC	146.8		
2	ADU	2001-04		AOL	47.2		sana sun taine tai
					55555555		and the second s
							9aaa aa 49a ah 49a ah
		1					
		Total V	olumes Sh	ipped by Gallons/bbls			

End of Shipments date:

Sign-off by:USCG Rep (Optional) Signed Name:

Couvillion Rep

Signed Name:

NRC Rep

Signed Name:

0









### Attachment C: WASTE MANAGEMENT TRACKING FORM <u>Residual Frac Tank Bottoms</u>

7-10-24 Date:

#### **Residual Volume left in Tanks**

	Strap Measurement after Trucks Loaded in each tank bbls
Tank 1	228.5
Tank 2	225.8
Tank 3	6.0

Sign-off by:USC	G Rep (Optional	I) Signed Name:	
Cou	villion Rep	Signed Name:	
NRC	C Rep	Signed Name:	
		C	

Page 10 of 15





### **Attachment C: WASTE MANAGEMENT TRACKING FORM**

Oily Water Transportation and Net Crude Oil

Start Shipments Date: 7-11-24

Manifest Number	Transporter	Truck Number	Date	Receiving Facility	Manifested Volume loaded from Port Fourchon Frac Tank into Truck (bbl from Strap)	Volume received by Buyer ( bbt by Strap)	Net Crude Oil bbls (Acadiana Oil Ticket)
3	ADL	2020-01	7/11	Aoc	54.6		
4	AOU	2001-04	7/11	ADL	53.4		
5	ADZ	2001-02	7/11	AOL	36.6		
		Total V	olumes Sh	ipped by Gallons/bbls			

End of Shipments date:\_

Sign-off by:USCG Rep (Optional) Signed Name:

Couvillion Rep

Signed Name:

NRC Rep

Signed Name:



Page 9 of 15





### Attachment C: WASTE MANAGEMENT TRACKING FORM <u>Residual Frac Tank Bottoms</u>

Date: 7-11-24

#### **Residual Volume left in Tanks**

	Strap Measurement after Trucks Loaded in each tank bbls
Tank 1	5.3
Tank 2	4.4
Tank 3	6.0



Page 10 of 15





### Attachment C: WASTE MANAGEMENT TRACKING FORM **Transportation Tracking of Petroleum Contaminated Solids**

Manifest Number	Transporter	Shipment Date	Receiving Facility	Manifested Volume (Yard)	Scaled Weight (Lb)	Comments (Box Numbers, etc.)
	Nta	Soli	45			
	14.					**************************************

Sign-off by: USCG Rep(Optional) Signed Name:

**Couvillion Rep** 

Signed Name:

NRC Rep

Signed Name:

σ

Page 11 of 15

Doc #: Couv-O&M-Doc-00004

Couv-MC20-O&M-RPT-DOC-00087

	of hazardous materials must ne number under "Emergency			1-10-67		ading No	i	
lemorandun	the second s		012		Shipper			
iennu anuun		Acadiana	Name of Carrier)	how	Carrier	No	1	
D: onsignee	10 11	/	FROM: Shipper	1	DL			
1	artis Pl	rempany	Street	Call D. II	2	1		
estination	Ses Fiver La	Zip Code 700		Ster -up	Zie C	Code 7	100	
uto.		Vehicle No	10.9	SCAC	Eme	ergency Res	sponse	
No. hipping +HM Units	Kind of Packaging, Description Special Marks and Exce	of Articles Commodities rec	puiring special or additional ca marked and packaged as to	re or attention in handling or ensure safe transportation with	Weight (Subject to	Rate o	or Class	CHARGES
Units		bi chi di Y Core. See o		Freight Classification, Item 360,	Correction]*			
LL D	UN 1267 Fetrule	HM Lande DI	13, Py 1		74,004	-		
242.1						1	-	
	14	6.9 66				-		
1		10				1	-	
-								
-								
the shipment mo rrier by water, th ate whether weigt	oves between two ports by a a law requires that the bill of lading ht is "carrier's or shipper's weight".	REMIT C.O.D. TO: ADDRESS	C.O.D. Amt. \$	C.O.D. FEE: PREPAID C COLLECT	\$	TOTAL CHARGES:	\$	
ote-Where the n	ate is dependent on value, shippers writing the agreed or declared value	are required to Subject to	Section 7 of the condition	ns, if this shipment is to be o nsignor shall sign the following	selivered to the con	signee without	t FRE	GHT CHARGES
ie agreed or decl	ared value of the property is hereby	specifically stated The carrie		y of this shipment without	-	and all other	r Check	Appropriate Bo
the shipper to b		charges.						eight prepaid
	per			(Signature of Consignor)				
RECEIVED, sub condition of cont corporation in pos tination. It is mu , that every servi date hereof, if ti terms and condit per and accepted	bject to the classifications and lawfull cents of packages unknown), marked, seassion of the property under the ci tually agreed as to each carrier of a ce to be performed hereunder shall is is a rail or a railwater shipment ions of the said bill of lading, set fo for himself and his assigne.	y filed tariffs in effect on the or consigned, and destined as i putract) agrees to carry to its II or any of, said property ove be subject to all the terms an ar (2) in the applicable motor rth in the classification or tar	date of the issue of this a indicated above which set usual place of delivery a r all or any portion of se d conditions of the Unito carrier classification or iff which governs the tra-	Bill of Lading, the property of d carrier (the word carrier b t said destination, if on its r id route to destination and a rm Domestic Straight Bill of tariff, if this is a motor car apportation of this shipment,	eacribed above in a eing understood thi oute, otherwise to is to each party at Lading set forth (1) river shipment. Ship and the said term	pparent good roughout this deliver to anot any time inter ) in Uniform F per hereby ce is and condition	order, excep contract as ther carrier rested in all resight Class artifies that l ons are here	ot as noted (cont meaning only per on the route to or any of said p ifications in effec- he is familiar with aby agreed to by
k with "RQ" if appr sportation Regulation ptional method for is a of Federal Regulation cribed in section 10	opriste to designate Hazardous Materiali ons governing the transportation of hazard identitying hazardous materialis on Bills of ions. Also when shipping hazardous mater 22.204(a) of the Federal Regulations, as i on from the requirement is provided in the	lous materials. The use of this col- Lading per 172.201(a)(1) (iii) of T ials, the shipper's certification stat ndicated on the Bill of Lading does	umn is pany interpretation ide 45 172, Subpart C-Sh tement tions 172,201 (M apply, Proper shipping a	ntent: of hazardous itum list is the of requirements as described in ipping Papers. Such description scandous Material Table) and Se men, hazardous class, UN identi ist(es).	49 Code of Federal Re contrists of the following ctions 172,202 and 1	g per Sec 172.203: Ma Ing group, Un	damage ay be ap nited State	/ limitation for lo in this shipm plicable. See s Code, Sectio (A) and (B).
This is to marked, a	Couv-MC20-O&M-RPT-DOC-	00087 properly classified, pec	to the tion was made a	dges receipt of packages and vailable and/or carrier has the	any required placard s U.S. Department o	s. Carrier certi of Transportatio	21 of 69	ncy response infor y response guidet

#### ACADIANA OIL & ENVIRONMENTAL

1206 LEMAIRE ST NEW IBERIA, LA 70560 EMERGENCY CONTACT: 985-851-5055

		Correction #: 1			
		LOAD INFORMATION			
Product Type:	UN1267 PETROLEUM	CRUDE OIL, 3 PG III			
BOL #:	00000647	Trucked By:		DIL & ENVIRONMENTAL	
Ticket#:	000000547101	Accepted Date/Time:	07/10/2024 0	4:06	
Split Ticket # w/ #:	and the second se	Conf #:	COU2-547		
Commodity:	CRUDE				
		PICK UP INFORMATION			
PickUp Account:	Couvillion Group				
PickUp Name:	Fourchon				
Operator:	Couvillion Group				
PickUp #:	FOURCHON	Arrival Date & Time:		07/10/2024 06:40	
Federal PickUp #:		Load Time:		00:48	
Legal Description:	and the states	Walt Time:		00:00	
Latitude:	29,140971	Pickup Date & Time:		07/10/2024 07:28	
Longitude:	-90.206315	Loaded Miles:		999	
County, State::	LAFOURCHE, LA				
Wait Time Notes:					
Reject Notes:					
Other Notes:					
		PICK UP			
Load Status:	ACCEPT	Reject Reason:			
Gauge Type:	TRAILER	BS&W(%);	0.50		
TANK:	MTR1	Top Temp:	0		
Tank Capacity:	0.0	Bottom Temp:	0		
Tank BPI:	0.0	Observed Temp:	86		
Top Gauge:	0 ft 0 in 0 in (0.0 in)	Observed Gravity:	27.0		
Bottom Gauge:	0 ff 0 in 0 in (0.0 in)	Corrected Gravity:	25.30		
Est. Gross Barrels:	145.00	Seal Off #:	na		
Est. Net Barrels;	142.70	Seal Off Time:	07/10/2024	07:28	
Est. GSV:	143.4200	Seal On #:	na	1.1	
Bottom Height:	0 ft 0 in 0 in (0.0 in)	Seal On Time:	07/10/2024		
ODOMETER:	713467	PRODUCT TYPE:	UN1267 PE	TROLEUM CRUDE OIL, 3 PG III	
		DROP OFF INFORMATION			
Drop Off Account:	Shell-Gibson				
Drop Off Name:	Gibson				
Drop Off Address:	LA	in the second			
Operator:	Shell- Gibson	Arrival Date & Time:		07/10/2024 09:20	
Drop Off #:	8443	Unload Time:		00:39	
Latitude:	29.630567	Wait Time:		00:00	
Longitude:	-90,931706	DropOff Date & Time	0:	07/10/2024 09:59	
County, State:	TERREBONNE, LA				
Wait Time Notes:					
Other Notes:					
		DROP OFF		Allowing and	
		Gross B	arrels Divd:	145.00	
	ånbsp				
Start Meter Reading:	0.00	ODOME		713555	
End Meter Reading:	0.00 140.00			713555	
Start Meter Reading:	0.00			713555 DROP OFF	



#### RUN TICKET LEGAL STATEMENT

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Acadiana (il.

6 Internation

	LL OF LADING – S hazardous materials must e			)ate	7-12-24	Bill of La	ading No	2	
	numbér under "Emergency F					Shipper		2	
Memorandum		Acadian		Lowi	Samp	Carrier		2	
		*	(Name of Car	-					
TO: Consignee	diang Oil (	LUMPENU		FROM: Shipper	Carolles	- D.	12		
Street 10.2	E RIVE Rel			Street	SSY D.	day Br	na-d		
Destination	wich	Zip Code 73	242	Origin		Zip C		- 2 5	
Route: He	2190	Vehicle No.	1-4-10		SCAC		rgency Respo		155 - 24
No. Shipping +HM HUNIts	Kind of Packaging, Description Special Marks and Excep	stowing must be	a so marked and p	ackaged as to en	or attention in handling or sure safe transportation with eight Classification, Item 360.	Weight (Subject to Correction)*	Rate or C		CHARGES
472 X	IN 1207 Etrolu	in Lande O	31.3	p.11		74500	>		
60				1.1					
								-	
		4172	111			2	1		
		HIL	621			2			_
		/				1			
						1			
carrier by water, the law	between two ports by a requires that the bill of lading ( "carrier's or shipper's weight".	REMIT 2.0.D. TO: ADDRESS	C.O. Amt	l.D. t. \$	C.O.D. FEE: PREPAID COLLECT	\$	TOTAL CHARGES: \$	1	
Note-Where the rate i	s dependent on value, shippers	are required to Subject	to Section 7 of	the conditions	, if this shipment is to be	delivered to the cons	ignee without	FREIGHT	CHARGES
The agreed or declared	ing the agreed or declared value value of the property is hereby s	pecifically stated The car	rier shall not r		gnor shall sign the followin of this shipment without		and all other	Check Appr	ropriate Box:
by the shipper to be not		charges	š.					E Freight	
\$	_ per				(Signature of Consignor)			Collect	
HECEIVED, subject and condition of contents or corporation in possess destination. It is mutually artly, that every service to the date hereof, if this is the terms and conditions shipper and accepted for h	to the classifications and lawfully of packages unknown), marked, ion of the property under the cor y agreed as to each carrier of all be performed hereunder shall b a rail or a rail water shipment o of the said bill of lading, set for imself and his assigns.	filed tariffs in effect on the consigned, and destined as ntract) agrees to carry to i or any of, said property to e subject to all the terms or (2) in the applicable mot th in the classification or t	a date of the is s indicated abovits usual place wer all or any p and conditions tor carrier class tariff which gov	ssue of this Bill we which said of delivery at a portion of said of the Uniform sification or tai rems the trans	of Lading, the property d carrier (the word Carrier t said destination, if on its r route to destination and a Domestic Straight Bill of iff, if this is a motor car portation of this shipment	escribed above in ap being understood thm oute, otherwise to d as to each party at a Lading set forth (1) rrier shipment. Shipp , and the said terms	parent good ord oughout this com leiver to another any time interest in Uniform Freig er hereby certifi s and conditions	er, except as tract as mean carrier on the red in all or any pht Classification es that he is are hereby a	noted (contents ning any person ne route to said ny of said prop ons in effect or familiar with a greed to by the
Mark with "RQ" if approprial Transportation Regulations g an optional method for identi Code of Federal Regulations, prescribed in section 172.20	te to designate Hazardous Materials overning the transportation of hezarde (jing hezardous materials on Bills of L Also when shipping hezardous materia Va(a) of the Federal Regulations, as in om the requirement is provided in the l	us materials. The use of this ( ading per 172.201(a)(1) (iii) of als, the shipper's certification s dicated on the Bill of Lading do	column is pany of Title 49 172 statement tions bes apply. Prop	y interpretation o 2, Subpart C Ship s 172.201 (Hazi	ent of hazardous item list is th I requirements as described in sing Papers. Such description ardous Material Table] and Se e. hazardous class, UN identi es).	49 Code of Federal Re consists of the following actions 172.202 and 1	per Sec- 72.203: may g group, United	amage in t be applical	itation for loss this shipment ble. See 49 ode, Sections nd (B).
	4.4			3			1		
				18.190					
marked. Cou	v-MC20-O&M-RPT-DOC-	00087ansportation accordin Transportation.	ing to the tion	r d was made ava equivalent docu	d iable and/or carrier has th mentation in the vehicle. Pr	e d a a e U.S. Department of operty described abov	a e ce e Transportation a ve is received in g	3.05.69 responder, exc	e n r ponse guideboo sept as noted.

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#### ACADIANA OIL & ENVIRONMENTAL

1206 LEMAIRE ST NEW IBERIA, LA 70560 EMERGENCY CONTACT: 985-851-5055

		Connection # 0			
		Correction #: 2 LOAD INFORMATION			
Product Type:	UN1267 PETROLEUM				
BOL #:	000000548	Trucked By:	ACADIANA	OIL & ENVIRONMENTAL	
Ticket#:	000000548104	Accepted Date/Time:	07/10/2024 0	07:29	
Split Ticket # w/ #:		Conf #:	COU2-548		
Commodity:	CRUDE				
		PICK UP INFORMATION			
PickUp Account:	Couvillion Group				
PickUp Name:	Fourchon				
Operator:	Couvillion Group	Contractor 2 Aug		THE ADDRESS OF ADDRESS	
PickUp #:	FOURCHON	Arrival Date & Time	÷.	07/10/2024 07:29	
Federal PickUp #:		Load Time:		01:00	
Legal Description:	20 14004	Walt Time:		00:19 07/10/2024 08:48	
Latitude: Longitude:	29.14091	Pickup Date & Time Loaded Miles:	1.	999	
County, State::	LAFOURCHE, LA	Loaded Nume:		383	
Wait Time Notes:	waiting to load up				
Reject Notes:	maning in ison up				
Other Notes:	Tank In Production;				
		PICK UP			
Load Status:	ACCEPT	Reject Reason:			
Gauge Type:	TRAILER	BS&W(%):	0.10		
TANK:	SWEET	Top Temp:	0		
Tank Capacity:	0.0	Bottom Temp:	0		
Tank BPI:	0.0	Observed Temp:	82		
Top Gauge:	0 ft 0 in 0 ln (0.0 ln)	Observed Gravity:	27.0		
Bottom Gauge:	0 ft 0 in 0 in (0.0 in)	Corrected Gravity:	25.60		
Est. Gross Barrels:	148.00	Seal Off #:	na		
Est. Net Barrels: Est. GSV:	146,48	Seal Off Time; Seal On #:	07/10/2024	08:46	
Bottom Height:	146.6300 0 ft 0 in 0 in (0.0 in)	Seal On Time:	07/10/2024	09:46	
ODOMETER:	579853	PRODUCT TYPE:		TROLEUM CRUDE OIL, 3 PG III	
	010000	DROP OFF INFORMATION		and a second	
Drop Off Account:	Shell- Gibson	DROP OFF INFORMATION			
Drop Off Name:	Gibson				
Drop Off Address:	LA				
Operator:	Shell- Gibson	Arrival Date & Time	91	07/10/2024 08:23	
Drop Off #;	8443	Unload Time:		00:01	
Latitude:	29.140562	Wait Time:		00:00	
Longitude:	-90.206199	DropOff Date & Tim	ne:	07/11/2024 08:23	
County, State:	TERREBONNE, LA				
Wait Time Notes:					
Other Notes:					
10. 10. 10. 10. 10. 10. 10. 10. 10. 10.		DROP OFF			
Unlock Fields:		Gross ODOM	Barrels Divd:	148.00 589789	
Start Meter Reading: End Meter Reading:	0.00	ODDM	ELER:	094163	
Metered Volume:	0.0				
	PICK UP			DROP OFF	



RUN TICKET LEGAL STATEMENT THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Acadiana Cit

Harmond

NOTICE: S	hippers o	BILL OF LADING – S of hazardous materials must o	enter 24-hour e	emergency	Date	7.11.	24	Bill of L	ading No	-	3
10.11 March 10.11		e number under "Emergency I	Response Phon	e Number.				Shipper	· No		5
Memora	andum		H.	diana	al lui	MARTIN		Carrier	No.	_	3
TO:				(Name d	FROM:						
Consignee	A	adian Oil (	Innonal		Shippe		villion	Dack	N		
Street	- 19	15 RIVI- Rd	1 1		Street	Sal	Dudle	Burnes	d	_	
Destinatio	n B	will	Zip Code	70847-	Origin			Zip	Code Turs	57	
Route:	H	UP PW	Vehicle N	Vo.	-I	SCAC		Em	ergency Response Number	oonsa	-255 392
No. Shipping Units	+HM	Kind of Packaging, Description Special Marks and Excep	statui	mmodities requiring sp ng must be so marked ry care. See Section 2(	and packaged as to	o ensure sale tr	ansportation with	Weight (Subject to Correction)*	Rate or		CHARGES
154.6	X	HN 1267 Tetro	Luna La	hat al	± .	- 11		TEDOD			
551		112 1 12 1 12 11			1	. 7		1 15,000	1		
-							-				
		14	541	111							
			21.0	551							
	-				-				-		
carrier by w	ater, the l	law requires that the bill of lading			C.O.D.	-	C.O.D. FEE: PREPAID		TOTAL		
			ADDRESS		Amt. \$			\$	CHARGES:	1	
The agreed by the ship	for declar per to be i	<ul> <li>a is dependent on value, shippers riting the agreed or declared value ed value of the property is hereby s not exceeding</li> </ul>						delivered to the cor ng statement. payment of freigh		Lneck	IGHT CHARGES Appropriate Box: eight prepaid
						(Signatu	re of Consignor)				ollect
RECEI and condition or corporatio destination. erty, that evi the date her the terms ar shipper and a	VED, subje of contern in posse It is mutu any service eot, if this id condition ccented for	ect to the classifications and lawfuln tis of packages unknown), marked, gasion of the property under the or ally agroad as to each carrier of a to be performed hereunder shall is a rail or a rail-water shipment no of the said bill of lading, set fo ir himself and his assigns.	y filed tariffs in eff consigned, and d potract) agrees to II or any of, said j be subject to all t or (2) in the appli rth in the classific	ect on the date of t estined as indicated carry to its usual p property over all or he terms and condit cable motor carrier ation or tariff which	the issue of this I above which se place of delivery any portion of a tions of the Unif classification or poverns the tr	Bill of Lading aid carrier (th at said destin and route to orm Domestic tariff, if this ansportation	, the property of e word carrier ation, if on its destination and Straight Bill of is a motor ca of this shipment	lescribed above in a being understood th route, otherwise to as to each party at Lading set forth (1 mier shipment. Ship , and the said term	apparent good o roughout this o deliver to anoth any time inter- ) in Uniform Fr oper heraby com as and condition	nder, excep contract as her carrier ested in all eight Class tilies that is are her	pt as noted (contents meaning any person on the route to said or any of said prop- ifications in effect or he is familiar with al eby agreed to by the
Mark with "B0 Transportation an optional me Code of Federa prescribed in a	a" if approp Regulations thod for ide al Regulation aection 172	riata to dissignate Hazardous Materialis governing the transportation of hazard notifying hazardous materials on Bills of na. Also when shipping hazardous mater .204(a) of the Federal Regulations, as i from the nequinement is provided in the	s as defined in the lous materials. The t Lading per 172.201 ials, the shipper's or indicated on the Bill o	U.S. Department of use of this column is (a)(1) (ii) of Title 49 rtification statement of Lading does apply,	The format and o pany interpretation 172, Subpart C-S tions 172, 201 (	content of hazar on of requireme Shipping Papers Hazardous Mel name, hazardo	dous item list is th nts as described in Such description arial Table] and Se	e responsibility of indiv a 49 Code of Federal R consists of the followin actions 172,202 and ification number; pack	dual com- egulations g per Sec- 172.203: mai uni	te: Liabilit damage y be ap ted State	y limitation for loss in this shipment plicable. See 49 is Code, Sections (A) and (B).

F

The is tCouv-MC20-O&M-RP/1-DOC=00087 property classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation emergency response guidabook, or equivalent documentation in the vehicle. Property described above is received in good order, except as noted.

#### ACADIANA OIL & ENVIRONMENTAL 1206 LEMAIRE ST NEW IBERIA, LA 70560

EMERGENCY CONTACT: 985-851-5055

Split Ticket # w/ #: Commodity: PickUp Account: PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	UN1267 PETROLEUM C 000000555 000000555101 CRUDE Couvillion Group Fourchan Couvillion Broup FOURCHON	Trucked By:	ACADIANA OIL & ENVIRONMENTAL 07/11/2024 07:25 COU2-555
BOL #: Ficket #: Split Ticket # w/ #: Commodity: PickUp Account: PickUp Name: PickUp Name: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	000000555 000000555101 CRUDE Couvillion Group Fourchan Couvillion Broup	Trucked By: Accepted Date/Time: Conf #: PICK UP INFORMATION	07/11/2024 07:25
Ticket #: Split Ticket # w/ #: Commodity: PickUp Account: PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Legal Description: Latitude: Longitude: County, State::	000000555101 CRUDE Couvillion Group Fourchan Couvillion Broup	Accepted Date/Time: Conf #: PICK UP INFORMATION	07/11/2024 07:25
Split Ticket # w/ #: Commodity: PickUp Account: PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	CRUDE Couvillion Group Fourchan Couvillion Broup	Conf #: PICK UP INFORMATION	
Commodity: PickUp Account: PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	Couvillion Group Fourchon Couvillion Broup	PICK UP INFORMATION	COU2-555
PickUp Account: PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	Couvillion Group Fourchon Couvillion Broup		
PickUp Name: Dperator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	Fourchon Couvillion Broup		
PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	Fourchon Couvillion Broup	Arrival Data & Time-	
PickUp Name: Operator: PickUp #: Federal PickUp #: Legal Description: Latitudo: Longitudo: County, State:: Wait Time Notes:	Couvillion Group	Arrival Data & Time-	
PickUp #: Federal PickUp #: Legal Description: Latitude: Longitude: County, State::		Arrival Data & Time-	
Federal PickUp #: Legal Description: Latitude: Longitude: County, State::	FOURCHON	Arrival Data & Tima-	and some a second
Legal Description: Latitude: Longitude: County, State::		a contra provincia a contra pro-	07/11/2024 07:25
Latitude: Longitude: County, State::		Load Time:	00:01
Longitude: County, State::		Walt Time:	00:00
County, State::	29.140622	Pickup Date & Time:	
	-90.206674	Loaded Miles:	999
Whit Time Note:	LAFOURCHE, LA		
Reject Notes:			
Other Notes:			
and a second second	A COMPANY	PICK UP	
Load Status:	ACCEPT	Reject Reason:	1.1
Gauge Type:	TRAILER	BS&W(%):	0.40
TANK:	SWEET	Top Temp:	0
Tank Capacity:	0.0	Bottom Temp:	0
Tank BPI:	0.0	Observed Temp:	86
Top Gauge:	0 ft 0 in 0 in (0.0 in)	Observed Gravity:	25.6
Bottom Gauge:	0 ft 0 in 0 in (0,0 in)	Corrected Gravity:	24,00
Est, Gross Barrels:	154.00	Seal Off #:	na
Est. Net Barrels:	151.73	Seal Off Time:	07/11/2024 07:25
Est. GSV:	152.3400	Seal On #:	na
Bottom Height:	0 11 0 in 0 in (0.0 in)	Seal On Time:	07/11/2024 07:25
ODOMETER:	693935	PRODUCT TYPE:	UN1267 PETROLEUM CRUDE OIL, 3 PG III
		DROP OFF INFORMATION	
Drop Off Account:	Shell- Gibson		
Drop Off Name:	Gibson		
Drop Off Address:	LA	and the second second	
Operator:	Shell- Gibson	Arrival Date & Time:	
Drop Off #:	8443	Unload Time:	00:36
Latitude:	29.030551	Wait Time:	00:00
Longitude:	-90.931735	DropON Date & Time	a: 07/11/2024 10:02
County, State:	TERREBONNE, LA		
Walt Time Notes:			
Other Notes:			
	2.0	DROP OFF	
Inlock Fields:			arrels Divd: 164.00
Start Meter Reading:	2302851.10	ODOME	TER: 694022
End Meter Reading:	2303002.10		
Netered Volume:	151.0		
	PICK UP	a second s	DROP OFF



RUN TICKET LEGAL STATEMENT THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

alindiana Cd

Hamsmahl

STRAIGHT BILL OF LAD NOTICE: Shippers of hazardous mate			Date	7-11-24	-1	Bill of L	ading N	lo	4
response telephone number under "E						Shipper			4
Memorandum	Au	idinua O		here		Carrier	No.		4
T0:		(Name of	FROM:						
Consignee Andrana	Dil Lumpin	1	Shipper	Currill	1249	Duck			
Street 1825 RIVLI R	el .		Street	554 D	Welley	Barmint	cl		
Destination Barwick	Zip Cod	e 70042	Origin			Zip C	and the second se	70357	
Route: Hwy 90	Vehicle	No. ZOLA-OL	1	SCAC				Response ber	0-255-317
	stow	ommodities requiring sper ring must be so marked a any care. See Section 2(e)	cial or additional care nd packaged as to an	nsure safe transpor	tation with	Weight (Subject to Correction)*	1	te or Class	CHARGES
1534 X UN 1267	Returner 611	de ol	5.P	11		75,000			
bal			1 1	)					
							-		
							-		
		34 1	1				1-		
	2	2.16	121				-		
							-		
							1		
			-		-		1		
"If the shipment moves between two ports carrier by water, the law requires that the state whether weight is "carrier's or shippe	bill of lading (C.O.D. TO:		C.O.D. Amt. \$	PRE	.D. FEE: PAID	B	TOTAL	ES: \$	
Note-Where the rate is dependent on va	lue, shippers are required to								EIGHT CHARGES
state specifically in writing the agreed or d The agreed or declared value of the proper	eclared value of the property.	recourse on the co	onsignor, the consi	ignor shall sign t	the following	g statement.		Check	k Appropriate Box:
by the shipper to be not exceeding	ay to the cast appointed by control	charges.	ion make derivery	or who original	ie manoue p	advision of the glue	Carlor Carlo		reight prepaid
\$ per				(Signature of C	Consignor)				Collect
RECEIVED, subject to the classification and condition of cuntarits of packages unkno or corporation in possession of the property destination. It is mutually agreed as to each erty, that every service to be performed hen the date hereof, if this is a rail or a rail-wat the terms and conditions of the said bill of shipper and accepted for himself and his assign	is and lawfully filed tartiffs in all win), marked, consigned, and o under the contract agrees to a cernier of all or any of, said eunder shall be subject to all t ar shipment or (2) in the app lading, sat forth in the classifi os.	fact on the date of th destined as indicated corry to its usual pla property over all or a the terms and condition icable motor carrier of cation or tariff which	The issue of this Bill above which said ace of delivery at r any portion of said ons of the Uniform classification or tai governs the trans	I of Lading, the carrier (the won said destination, route to destina n Domestic Strai riff, if this is a sportation of this	property de- d carrier be if on its ro- ation and as ght Bill of L motor carr shipment,	scribed above in ap ing understood thru ute, otherwise to o to each party at ading set forth (1) ier shipment. Ship and the said term	pparent g roughout I deliver to any time I in Unifor per hereb s and cor	ood order, exc his contract a another carrie interested in a m Freight Clas y certifies that iditions are he	apt as noted (contents is meening any person r on the route to said all or any of said prop- schications in effect on ; he is familiar with all areby agreed to by the
Mark with "RG" If appropriate to designate Hazar Transportation Regulations governing the transport an optional method for dismithing hazardous mater Code of Federel Regulations. Also when shipping ha prescribed in socian 172,204(a) of the Federal Re inless a specific exception from the regularizement is	ation of hazardous materials. The ials on Bills of Lading per 172,201 azardous materials, the shipper's or agulations, as indicated on the Bill	use of this column is I(a)(1) (iii) of Title 48 archication statement of Leding does apply	pany interpretation of 172, Subport C-Ship) tions 172,201 (Haz	of requirements as ping Papers. Such ardous Material Ta ne, hazardous clas	described in 4 description co (ble) and Sect	responsibility of indivi 19 Code of Foderal Re insists of the following ions 172,202 and 1 cation number, peckin	guiations per Sec- 172.203:	or damage may be a United Stat	ity limitation for loss in this shipment oplicable. See 49 tes Code, Sections 1)(A) and (B).
They's to ceruly that the above n marked, "Couv-MC20-O&Me applicable regulations of the U.S. D	Ree - DOC+0008 insportation	lassified, packaged, on according to the	Carrier actinowledg tion was made ava or equivalent docu	ges receipt of pac allable and/or car mentation in the	Rages and a rier has the vehicle. Prop	ny required placard U.S. Department o perty described abo	s. Carrier f Transpor ve is recei	certifies emergentation tation271.0[j6 ived in good on	ency response informa- 9y response guidebook der, except as noted.

#### ACADIANA OIL & ENVIRONMENTAL

1206 LEMAIRE ST NEW IBERIA, LA 70560 EMERGENCY CONTACT: 985-851-5055

		Correction #: 1 LOAD INFORMATION		
Product Type:	UN1267 PETROLEUM	CRUDE OIL, 3 PG III		
BOL #;	000000558	Trucked By:	ACADIANA OIL & ENVIRONMENTAL	
Ticket#: Split Ticket#w/#:	000000558104	Accepted Date/Time: Conf #:	07/11/2024 08:24	
Commodity:	CRUDE	Con #:	COU2-558	
commodity;	CRODE			
PickUp Account:	Couvillion Group	PICK UP INFORMATION		
PickUp Name:	Fourchon			
Operator:	Couvillion Group			
PickUp #:	FOURCHON	Arrival Date & Time:	07/11/2024 08:24	
Federal PickUp #:		Load Time:	00:01	
Legal Description:		Walt Time:	00:00	
atitude:	29.630549	Pickup Date & Time:		
ongitude:	-90.931714	Loaded Miles:	999	
County, State:	LAFOURCHE, LA	Louised minut	000	
Wait Time Notes:				
Reject Notes:				
Other Notes:	Tank In Production:			
		PICK UP		
load Status:	ACCEPT	Reject Reason:		
Gauge Type:	TRAILER	BS&W(%):	0.20	
TANK:	SWEET	Top Temp:	0	
Tank Capacity:	0.0	Bottom Temp:	0	
ank BPI:	0.0	Observed Temp:	84	
Top Gauge:	0 ft 0 in 0 in (0.0 in)	Observed Gravity:	25.0	
Bottom Gauge:	0 ft 0 in 0 in (0.0 in)	Corrected Gravity:	23.50	
Est, Gross Barrels:	150.00	Seal Off #:	na	
Est, Net Barrels:	148.22	Seal Off Time:	07/11/2024 08:24	
Est. GSV:	148.5200	Seal On #:	na	
Bottom Height:	0 ft 0 in 0 in (0.0 in)	Seal On Time:	07/11/2024 08:24	
ODOMETER:	599586	PRODUCT TYPE:	UN1267 PETROLEUM CRUDE OIL, 3 PG III	
		DROP OFF INFORMATION		
Drop Off Account:	Shell- Gibson			
prop Off Name:	Gibson			
Prop Off Address:	LA			
Operator:	Shell- Gibson	Arrival Date & Time:	07/11/2024 10:22	
Drop Off #:	8443	Unload Time:	00:52	
atitude:	29.630559	Wait Time:	00:00	
ongitude:	-90.931752	DropOff Date & Time	07/11/2024 11:14	
County, State:	TERREBONNE, LA			
Vait Time Notes:				
Other Notes:				
The second		DROP OFF		
Inlock Fields:		Gross B	arrels Divd: 150.00	
tart Meter Reading:	0.00	ODOME	TER: 599896	
ind Meter Reading:	0.00			
letered Volume;	0.0			
	PICK UP		DROP OFF	



#### RUN TICKET LEGAL STATEMENT

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Acadiana Uil

NOTICE: S	hippers o	BILL OF LADING – 9 of hazardous materials must e number under "Emergency	enter 24-hour e	mergency	Date	7.1	1.24		ading No		-
Memora	andum		Acade	IName	Corrier)	- Jara			No		
TO: Consignee	Ac	Alinna Orl	Lemon		FROM: Shipper	Car	-	DIL			
Street	16	25 River Rel		,	Street	554	Ridley	Funded			
Destinatio	n B	uwick-	Zip Code	Tebar	Origin	_			Code Tas		
Route:	h	21 90	Vehicle N	No. Tust-uk		SCAC		Eme	ergency Resp	onse	155- 59 24
No. Shipping Units	+HM	Kind of Packaging, Description Special Marks and Exce	SLOWI		and packaged as to	ensure sale tri	ansportation with	Weight (Subject to Correction)*	Pate or		CHARGES
1366	*	HINILLT B. WU	when the	ide Oil	13,8	3 11		71,500			
		· · · · · · · · · · · · · · · · · · ·	31	,64							
carrier by w	vater, the l	es between two ports by a aw requires that the bill of lading is "carrier's or shipper's weight".	REMIT C.O.D. TO: ADDRESS		C.O.D. Amt. \$		C.O.D. FEE: PREPAID	ş	TOTAL CHARGES:	6	
The agreed by the ship \$	l or declar per to be i	the second se	specifically stated	recourse on the c The carrier shall charges.	consignor, the co not make delive	y of this sh	ipment is to be sign the followi ipment without	delivered to the con- ng statement. payment of freight	and all other	Check #	GHT CHARGES Appropriate Box: ight prepaid lect
RECEI and condition or corporatio destination. erty, that eve the date hen the terms ar shipper and a	VED, subje of conter in in posse it is mutu any service eof, if this id conditio iccepted fo	ot to the classifications and lawfull ts of packages unknown), marked, assion of the property under the c ally agreed as to each carrier of a to be performed hereunder shall is a rail or a rail-water shipment, ng of the said bill of lading, set for r himself and his assigns.	y filed tariffs in eff consigned, and d ontract) agrees to all or any of, said p be subject to all th or (2) in the appli- orth in the classific	ect on the date of t estined as indicated carry to its usual pr inoperty over all or ne terms and condi- cable motor carrier ation or tariff which	the issue of this above which sai place of celivery a any portion of sa tions of the Unito classification or a governs the tra	Bill of Lading d carrier (the t said destina id route to c m Domestic tariff, if this responsation of	, the property d e word carrier l ation, if on its r destination and a Straight Bill of is a motor ca of this shipment	escribed above in a being understood thr oute, otherwise to be to each party at Lading set forth (1) rrier shipment, Ship and the said term	pparent good or oughout this or deliver to anoth any time intere i in Uniform Fre per hereby cert a and condition	rder, except ontract as er carrier o sted in all eight Classif lifes that h s are here	t as noted (contents meaning any person on the route to said or any of said prop- lications in effect on e is familiar with all by agreed to by the
Mark with "RG Transportation an optional me Code of Federa prescribed in s	3" if approp Regulations thad far ide al Regulation tection 172.	riste to designate Hozardous Material governing the transportation of hazar- ntifying hazardous materials on Bills of is. Also when shipping hazardous material 204(a) of the Federal Regulations, as from the requirement is provided in the	a as defined in the t dous materials. The u Loding per 172.201( fols, the shipper's cer indicated on the Bill o	J.S. Department of se of this column is (a)(1) (ii) of Title 49 tilication statement f Lading does apply.	The format and co pany interpretation 172, Subpart C-SI tions 172,201 (H	ntent of hazard of requirement ipping Papers. azardous Mate ame, hazardou	dous item fist is th nts as described in Such description erial Table) and Se	e responsibility of indivi 49 Code of Federal Re consists of the following ctions 172.202 and 1 fication number, peckin	guations per Sac- 72.203: may be group. Unit	e: Liability damage be app ed States	limitation for loss in this shipment blicable. See 49 s Code, Sections A) and (B).

F

This is tCouverMC20+O&MERFIELOCC00087 property classified, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the U.S. Department of Transportation according to the U.S. Department of Transpo

#### ACADIANA OIL & ENVIRONMENTAL

1206 LEMAIRE ST NEW IBERIA, LA 70560 EMERGENCY CONTACT: 985-851-5055

		Correction #: 1			
Product Type:	UN1267 PETROLEUM	LOAD INFORMATION			
BOL #:	000000557	Trucked By:		L& ENVIRONMENTAL	
Ticket #:	000000557101		07/11/2024 04		
Split Ticket # w/ #:	00000033/101	Conf #:	COU2-557	.0	
Commodity:	CRUDE	Conr #:	0002-007		
commonly:	LRUDE				
Distante deservation	0	PICK UP INFORMATION			
PickUp Account:	Couvillion Group				
PickUp Name:	Fourchon				
Operator:	Couvillion Group	Arrival Date & Time:		7/11/2024 06:58	
PickUp #: Federal PickUp #:	FOURCHON	Load Time:		1:00	
		Walt Time:		1:16	
Legal Description:	20 140027			Contraction of the second se	
Latitude:	29,140937	Pickup Date & Time: Loaded Miles:		7/11/2024 09:14	
Longitude:	-90.206274	Loaded Miles:		99	
County, State::	LAFOURCHE, LA				
Walt Time Notes:	waiting to load				
Reject Notes:					
Other Notes:					
		PICK UP			
Load Status:	ACCEPT	Reject Reason:	10.000		
Gauge Type:	TRAILER	BS&W(%):	0.50		
TANK:	SWEET	Top Temp:	0		
Tank Capacity:	0.0	Bottom Temp:	0		
Tank BPI:	0.0	Observed Temp:	84		
Top Gauge:	0 ft 0 in 0 in (0.0 in)	Observed Gravity:	26.0		
Bottom Gauge:	0 ft 0 in 0 in (0.0 in)	Corrected Gravity:	24.50		
Est, Gross Barrels:	135.00	Seal Off #:	na		
Est. Net Barrels:	132.98	Seal Off Time:	07/11/2024 0	9:13	
Est, GSV:	133.6500	Seal On #:	na		
Bottom Height:	0 ft 0 in 0 in (0.0 in)	Seal On Time:	07/11/2024 0		
ODOMETER:	713759	PRODUCT TYPE:	UN1267 PET	ROLEUM CRUDE OIL, 3 PG III	
		DROP OFF INFORMATION			
Drop Off Account:	Shell- Gibson				
Drop Off Name:	Gibson				
Drop Off Address:	LA	2 2 m 2 2 m 2	- E		
Operator:	Shell- Gibson	Arrival Date & Time:		07/11/2024 11:02	
Drop Off #:	8443	Unload Time:		00:52	
Latitude:	29.63054	Wait Time:		00:00	
.ongitude;	-90,931708	DropOff Date & Time	E) (	07/11/2024 11:54	
County, State:	TERREBONNE_LA				
Wait Time Notes:					
Other Notes:					
		DROP OFF			
Unlock Fields:	anbsp		arrels Divd:	135.00	
Start Meter Reading:	0.00	ODOME	TER:	713847	
End Meter Reading:	135.00				
And and a set of the design of the set of th	135.0				
Metered Volume:	PICK UP			DROP OFF	



RUN TICKET LEGAL STATEMENT THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED, AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION, ACCORDING TO THE APPLICABLE REGULATIONS OF THE DEPARTMENT OF TRANSPORTATION.

Acadiana Oil

L Ownerstal

# **Appendix II**

## NRC Waste Handling Documentation

#### DECLARATION OF INSPECTION

LOCATION & NAME OF FACILITY	· l. · l. ·
PORT Four chow	6/24/24
NAME OF VESSEL	DATE TRANSFER OPERATIONS STARTS
BRANDON BORDELON	0600
An oil transfer operation may not commence to or from a ves	sel unless the following requirements are met and agreed upon
by the respective transferring and receiving persons in charge	2
Persons in charge indicate by a check ( $$ ), in the appropriate s	spaces, that the specific requirement has been met.
VESSEL	FACILITY
A. The mooring lings are adequate for all anticipated of	conditions
B. Cargo hoses and/or loading arms are long enough f	or intended use.
C. Cargo hoses are adequately supported to prevent ur	idue strain on the couplings.
D. The transfer system is properly lined up for dischar	ging or receiving oil. (Additional checks shall
be performed each time a valve is repositioned.)	8/2
A E. Each flange connection on the cargo system not be	ng used during the transfer operation is blanked
or shut off	36
F. The cargo hoses and/or loading arms are connected	to the manifolds using gaskets and a bolt in
every other hole, (minimum of 4 bolts). Exception:	Tanks without fixed loading systems per waiver
from the Captain of the Port.	
G. The overboard or sea suction valves are sealed or la	ashed in the closed position.
H. Adequate spill containments have been provided for	or couplings
1. All scuppers or other overboard drains are closed or	plugged
J. A communications system is provided between the	facility and the vessel.
K. Emergency shutdown system is available and opera	uble
L. Communication procedures are established and und	erstood between persons in charge
M. Qualified and designated personnel are in charge a	nd on duty at the terminal and vessel control stations.
N. One person at the vessel control station is present w	the fluently speaks the language of the terminal control
station	
0. The owner of the cargo hoses will insure test requir	ements have been met and that the hose has no loose
covers, kinks, bulges, soft spots or gouges, cuts and	slashes which penetrate the hose reinforcement and
P Adaquate lighting of the used and test data	a is maintained in a test log. $\square$
D D D D D D D D D D D D D D D D D D D	reas and manifold areas is provided
Q. Persons in charge have held a conference to assure	the mutual understanding of the following transfer operations:
O. Persons in charge have held a conference to assure	······································
3 Transfer rote of Peru	<u>Jp</u>
A Name or title and location of each armed and	
5. Particulars of the transferring and reasining and	pating in the transfer operation $\Box D$
6 Starting stripping topping and shutdown have b	ms
7 Emergency procedures including notification	een discussed and understood
8 Watch and shift arrangements	ntainment and cleanup of spills
9 Notification before leaving stations	<u>20</u>
C	······
The following items are to be filled out by Vessel personnel of	only.
b	
1. Warning signs and read warning signals (35 35.3	0)

- .2. Repair work authorization (35.35-30).
- ...3. Boiler and galley fires safety (35.35-30). ..4. Fires or open flames (35.35-30).
- ...5. Safe smoking space (35.35-30).

I certify that I have read, understand and agree with the foregoing as marked and agree to begin/continue the transfer operation.

PERSON IN CHARGE OF			
VESSEL			

The operator of each facility and the operator of each vessel shall retain a signed copy for at least a month.

V

## COUVILLION DECLARATION OF INSPECTION - DOI

2	n	2	0
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DECLARATION OF INSPECTI	ON PRIOR TO BULK CA	RGO TR	ANSFER
Date: 6-24-24 Location: 6	10 1 2		
Facility/Vehicle Number:		art Time	End Time
Vessel Name: Brandon Bordedone		COLUMN A REAL PROPERTY	End Thire
		600	
Vessel Official Number:	Vessel Capacity (T	otal) (bbls):	
Product Transferred: Clude Oil	Est. Transfer Volu	me (bbls):	830 bbls
Note For Emergency No	tification Discharge amounts (Gal		
Average most probable:	affeation Discharge amounts (Out	unsj.	
Maximum most probable:			
Worst case discharge:			
The following list refers to requirements so	et forth in detail in 33 CFR 156.15	0 and 46 CI	FR 35.35-30.
The spaces on the left are to be reviewed by	ALL PIC's involved in the transfe	r and checks	d in agreement
The right hand columns are to be initialed be	by the appropriate PIC and/or noted	as not applic	able with (N/A
> Items on the list are provided to indicate that			
in the second provided to indicate the	at the detailed requirements have be	en met	
TOP TOP	IC	PI	C
Verify PIC designation/qualification 33 CFR 1		Deliv	ering Receivin
Person In Charge (PIC): In Immediate Vicinity	and Available	KB	18
Personnel: Capable/Unimpaired	and Avanable	in	38
Name, title and location of each person particip	ating in the transfer operation	109	38
MC 20 Subsea Storage Offloading Operations	& Maintenance Manual present with	N.	00
procedures and particulars of the transfer and re	eceiving systems to be followed and ve	rified	
with key personnel involved in these operations	s	med W	73
Watch and shift arrangements discussed		là	(13
Cargo is Authorized for transfer to or from tan	ks	- VG	JB
Discuss if transfer will need to stopped to chan		1Pa	JB
Discuss transfer rates and max allowable to rec		1. K	JO D
(Facility/Vessel) properly vented (monitoring v		18	48
Communications & No Language Barrier		1 Alexandre	au qu
Hoses and Connection - 33CFR 154.500		15	
Nonmetallic hoses usable for oil or hazardous n	naterial service	WA.	JB
Proper connections (must be one of the following	ng):	100	
Fusion 100 hammer union connections	-6/-	1K	US JB
Quick-disconnect coupling present on suction s	ide of pump	K	JB
Examine transfer hose markings or records.		18	JB
Name of product handled; example "OIL SERV	/ICE," or "HAZMAT SERVICE"	K	ß
Examine Transfer Hose condition - 33CFR 156.1			. 0
No unrepaired kinks, bulges, soft spots, loose c		1h	98
No cuts, slashes, or gouges that penetrate the fin	rst layer of hose reinforcement	1h	23
No external/internal deterioration		13	OU
Emergency shutdown - 33CFR 156.170	The second s		
Test emergency shutdown - 33CFR 154.550 -	who controls the emergency shutdowr	M	JB
Communication system continuously operated.		L.	JO
Verify operating properly (Electric, pneumatic,	or mechanical link to facility; electron	c u	
voice)		8	12
Record test info in physical information.		10	JB
Examine closure device - 33CFR 154.520			
Verify enough to blank off ends of each hose /le	oading arm not connected for transfer	M	33
Inspect Small Discharge Containment - 33CFR 1	54.530		
Inspect handling area and verify capacity (not le	ess than 5 gallons).	in	13

2020

TOPIC	PIC	PIC
	Delivering	Receivin
ect discharge containment equipment for oil & hazardous liquids - 33CFR 154.545	1.4	12
/erify booming for oil or hazmat transfer (if required by COTP).	h	00
erity adequate amount of equipment and/or absorbent material for initial response		20
aspect condition of response equipment stored on facility (if applicable).	01	30
		JUG
	W I	UN I
	1	
erify continuous two-way voice communication between vessel and facility PICs.	I KS	JU
	1.5	
	6	36
	16	Sb
	15	100
		10
	h	312
	NS	00
	M	SB
	15	36
	15	33
	15	JB
	6	SU
		30
Appropriate tank level monitoring (visual, gauging, indicators, etc.) Arrangements to monitor draft marks during transfer Transfer Piping Line diagram, location of each valve, pump, control device, vent, and over hutoff valve location or isolation device separating bilge or ballast from the transfer syste dequate containment on the vessel at loading or discharge connection Drains, Scuppers and overboard discharges closed The number of persons required to be on duty during transfer operations; rocedures for emptying discharge containment system required by §§155.310 and 155.32 rocedures for tending the vessel's moorings during the transfer of oil or hazardous mater rocedures for emergency shutdown/communications required by §§155.780 and 155.785	erflow em 20 rial	
rocedures for topping off tanks		
rocedures ensuring all valves used during transfer are closed upon completion of transfer		
	PIC for vessel/operator is required by §155.720 to have current transfer procedures Require vessel personnel to use the transfer procedures for each transfer operation Available for inspection by the COTP or OCMI whenever the vessel is in operation egibly printed language(s) understood by personnel engaged in transfer operation ermanently posted or available and used by members of crew engaged in transfer operat appropriate tank level monitoring (visual, gauging, indicators, etc.) arrangements to monitor draft marks during transfer 'ransfer Piping Line diagram, location of each valve, pump, control device, vent, and over hutoff valve location or isolation device separating bilge or ballast from the transfer syst dequate containment on the vessel at loading or discharge connection Drains, Scuppers and overboard discharges closed 'he number of persons required to be on duty during transfer operations; trocedures for emptying discharge containment system required by §§155.310 and 155.32 rocedures for tending the vessel's moorings during the transfer of oil or hazardous mater	nspect condition of response equipment stored on facility (if applicable).       Image: Condition of the containment boom onsite within 1 hour.         /erify availability of at least 200 feet of containment boom onsite within 1 hour.       Image: Containment boom onsite within 1 hour.         /erify means of deployment.       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite within 1 hour.         /erify continuous two-way voice communication between vessel and facility PICs.       Image: Containment boom onsite within 1 hour.         Portable Radio:       Portable Radio:       Image: Containment boom onsite within 1 hour.         Portable Radio:       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite within 1 hour.         Portable Radio:       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite within 1 hour.         Portable Radio:       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite within 1 hour.         Portable Radio:       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite containment boom onsite within 1 hour.         Portable Radio:       Image: Containment boom onsite within 1 hour.       Image: Containment boom onsite containment boom onsite within 1 hour.         Verie       Portable Radio:       Image: Containment boom on the containment boom don the transfer procedures to containment bo

NRC	SAFETY MANAGEME	NT SYSTEM	SAFETY IT'S THE WAY TO GO	
	Job Hazard Ar	nalysis	Revision: 08/2015	
ASK DESCRIPTION: N	IC 20 Recovered Crude Oil / Vesse	to Shore Transfer	6-20-24	
	SUMMARY OF POTENTIAL HA	ZARDS (Check applicable)		
Heavy or awkward lifting /			d walking surfaces; slip, trip, fall	
New / Inexperienced emp	oyees Spill / containment	Heat stress en	Heat stress environment	
Struck by or crush hazard	Noise levels (>85 dBA)			
Hazardous liquids, vapors,	waste 🛛 Elevated surfaces / Fall / Lac	iders 🗌		
	APPLICABLE REGULATIO	ON / SOPS / ALERTS		
SMS 19.2 Vacuum Trucks				
	MINIMUM PERSONAL PROTECTIVE	EQUIPMENT (Check applicable)		
Level A Hard Hat Level B Safety Gl Level C Face Shie Level D Hearing	asses Long Sleeves / Coveralls	Leather Steel Toe Boots Disposable boot covers Neoprene Steel Toe Boots Gloves:	PFD / Work vest	
A rever b A nearing	JOB HAZARD			
Job Steps	Potential Hazards	-	easures / Special PPE	
<ul> <li>or their roles/responsibilities</li> <li>Personnel do not stop work wh hazards are identified</li> <li>Personnel do not report injuries illnesses, near misses or incider</li> <li>Site Survey and Equipment Set-up</li> <li>Uneven working surfaces and to hazards.</li> </ul>		any project details <ul> <li>Immediate supervisor of Authority and Respondent Supervisor if they disc</li> <li>Personnel will be instrunear misses or incide</li> <li>Inspect site for correct</li> </ul>	cted to report any injuries, illnesses,	
7 Vohida maxamata	<ul> <li>Equipment not certified, not tested or damaged</li> <li>Improper set-up due to untrained or unqualified personnel</li> </ul>	<ul> <li>away from travel paths. Identify "no-go" areas.</li> <li>All equipment will be inspected for current certifications, testing and serviceable working condition prior to work</li> <li>Personnel will be pre-selected to perform tasks based on verified competency</li> <li>Ground guides will be used for equipment movements.</li> </ul>		
<ol> <li>Vehicle movements</li> </ol>	<ul> <li>Personnel, equipment or hoses struck or crushed by moving vehicles or equipment</li> <li>Vehicles not inspected prior to movements. Unsafe for travel.</li> <li>Unsecured items create dropped object or road hazards.</li> </ul>	Non-essential persor path will be confirme Vehicles will be inspec after travel for poter Vehicles will be inspec loose items and that	anel will clear the travel path. Travel ed as clear prior to movements. tted by drivers prior to travel and atial damage. tted to ensure that there are no loads are secured properly.	
<ol> <li>Mooring Vessel and working near water</li> </ol>	<ul> <li>Personnel struck by thrown lines or caught in "line of fire".</li> <li>Personnel pinched or crushed during vessel movements.</li> <li>Personnel fall into the water. Man overboard.</li> </ul>	<ul> <li>When tossing the mooring lines to the shore allow the line to fall on the ground and pick them up. Do not attemp catch mooring lines from the M/V.</li> <li>When mooring the vessel, keep hands, fingers, arms, an other body parts from between the mooring line and the bits on the dock</li> <li>Never work alone. All personnel within 5' of the docks ear required to wear a USCG approved PFD. Always dis "man overboard" procedures prior to work. Have life rin and recovery plan in place.</li> </ul>		
<ul> <li>5. Connecting hoses</li> <li>Personnel crushed or pinched while connecting transfer hoses.</li> <li>Personnel suffer back strain or other ergonomic related injuries during connections or moving hoses</li> <li>Slip/trip/fall hazards while working</li> </ul>		<ul> <li>Identify, communicate including cam-lock co parts or equipment</li> <li>Transfer hoses can be hoses employees sha including keeping you as lifting with your kr</li> </ul>	and avoid all crush/pinch points: onnections, vehicles and other moving heavy and when handling these Il use proper ergonomic practices ur back as straight as possible as well nees and not your back serving and maintain situational	

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#### Job Hazard Analysis

Job Steps	Potential Hazards	Preventive Measures / Special PPE
		awareness when walking in the dock area. Try to run hoses in an area that is out of the normal walking path and go around if possible
<ol> <li>Working in potentially hazardous atmospheres</li> </ol>	<ul> <li>Personnel exposed to hazards related to hazardous atmospheres.</li> <li>Ignition sources create potential for explosive conditions</li> <li>Personnel not equipped to suppress incipient fire</li> </ul>	<ul> <li>Calibrated multi-gas meters/detectors will be used to confirm that LEL's, CO and other gases are within safe range for pumping and transfer operations. Operations will transfer operations will stop immediately if LEL's or Carbon Monoxide levels become elevated</li> <li>A protective distance of 100' outside shoreside transfer will b identified, and marked with caution tape and warning signs, to prohibit smoking, sparks and any potential source of ignition within the transfer area perimeter. The M/V will suspend all similar activities for the duration of transfer operations.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Energizing pneumatic equipment</li> </ol>	<ul> <li>Personnel injured when struck by hoses or pressure during hose connection or fitting failure.</li> <li>Air leaks or blowout causing pressure related injuries.</li> <li>Hearing loss/injury due to noise levels above 85 decibels</li> </ul>	<ul> <li>All pressurized hoses will have whip checks and safety clips installed prior to energizing. All pneumatic hoses will be inspected prior to use.</li> <li>Pumping operations will be stopped immediately if leaks are detected during operations. Defective hoses will be replaced with new hoses/whips.</li> <li>Hearing protection will be worn in all areas where high-noise machinery and equipment is being operated.</li> </ul>
8. Transfer of recovered crude oil	<ul> <li>Personnel contacted by crude oil spray or environmental release.</li> <li>Overfilling tank resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tester prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropylen line will be used as an added retention measure. Personne will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site. The DOI Declaration of Inspection will be completed prior to operations.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among the can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
9. Transfer of oil into transporter	<ul> <li>Personnel contacted by crude oil spray or environmental release</li> <li>Overfilling transportation vessel resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> <li>Fall hazards present if personnel are working above 6 feet</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tester prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropyler line will be used as an added retention measure. Personn will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among the can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gat meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are</li> </ul>





Job Steps	Potential Hazards	Preventive Measures / Special PPE
		<ul> <li>detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Prolonged exposure to elements (Heat Stress)</li> </ol>	<ul> <li>Inadequate hydration</li> <li>Extended work periods without rest resulting in heat stress</li> </ul>	<ul> <li>Personnel will be encouraged to hydrate frequently. Water to sports drink ratio will be 3:1 (1 sports drink to 3 waters consumed).</li> <li>Work to rest schedules will be determined based on the ambient temperature, acclimatization of personnel and work being performed. Heat stress potential and signs/symptoms will be discussed at all safety meetings, tailgate meetings and during breaks. Personnel will be encouraged to self-report any early symptoms of heat stress. All personnel will be advised that stop work authority applies to potential heat stress symptoms they may be experiencing, (or that they suspect with coworkers).</li> </ul>
11. Break time	<ul> <li>Potential for ingestion of petroleum product or other contaminants.</li> <li>Fire hazards from unrestricted smoking</li> <li>Direct sun reduces recovery time for workers during breaks</li> <li>Inadequate water</li> </ul>	<ul> <li>Personnel will wash hands before smoking, eating, drinking or any other activity where contaminants might be ingested. This hazard will be stressed in break areas.</li> <li>Only smoke in designated areas.</li> <li>Ensure that break areas have adequate shade and cooling potential for personnel</li> <li>Personnel are more likely to hydrate when cool water is available. Ensure an adequate supply and include sports drinks with electrolytes to be consumed sparingly.</li> </ul>
12. Decontaminate Personnel	<ul> <li>Potential for secondary contamination by absorption, injection, or ingestion</li> </ul>	<ul> <li>Follow decontamination plan for clothing removal and disposal when protective outerwear is required and becomes contaminated.</li> <li>Only use safety scissors (never knives) to cut Tyvek from personnel.</li> <li>Ensure that workers wash hands and face thoroughly.</li> </ul>
NRC INCIDENT REPORTING POLICY	<ul> <li>First Aid</li> <li>OSHA recordable</li> <li>Iliness/Injury</li> <li>Near Miss</li> <li>Equipment/Vehicle Damage</li> </ul>	<ul> <li>NRC employees and subcontractors are required to immediately report all incidents to their supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents and submit to the HSEQ manager within 8 hours of an incident.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>

REVIEW





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63 SAFETY MANAGEMENT SYSTEM

PO



TASK DESC	RIPTION: MC 2	0 Rec	overed Crude Oil / Vessel t	o Shore	Transfer	6-24-24
			SUMMARY OF POTENTIAL HAZA	RDS (Chec	and the second se	
Heavy or awkward lifting /		Pinch Points or caught betwee	n	Working and walk	valking surfaces; slip, trip, fall	
New / Inexp	perienced employe	es	Spill / containment		Heat stress envir	onment
Struck by or	crush hazard	< 1	Noise levels (>85 dBA)			
Hazardous I	iquids, vapors, was	te	Elevated surfaces / Fall / Ladd	ers		
			APPLICABLE REGULATION	/ SOPS / A	ALERTS	
SMS 19.2 Va	acuum Trucks					
		M	NIMUM PERSONAL PROTECTIVE EC	UIPMENT	(Check applicable)	
Level A Level B Level C Level D	Hard Hat Safety Glasse Face Shield Hearing Prot		High Visibility Vest     Long Sleeves / Coveralls     Chemical protective clothing     Respirator:	Dispo Neop	ner Steel Toe Boots osable boot covers orene Steel Toe Boots es:	PFD / Work vest
		-	JOB HAZARD A	NALYSIS		
	b Steps b Meetings	• Pe	Potential Hazards ersonnel do not understand the			asures / Special PPE ards and controls will be explained
Behav	vior Based Safety	• Pe hi • Pe ill	perational plan, relevant hazards r their roles/responsibilities ersonnel do not stop work when azards are identified ersonnel do not report injuries, nesses, near misses or incidents	•	to all involved personnel will be encouraged to as any project details Immediate supervisor will Authority and Responsib supervisor if they discov Personnel will be instructor near misses or incident	I in Safety/Ops meeting. Personnel sk questions if they are unsure of I remind their crews of their illity to Stop work and contact their rer a hazard ed to report any injuries, illnesses, s
	urvey and ment Set-up	• Ei o • In	neven working surfaces and trip azards. quipment not certified, not tested r damaged nproper set-up due to untrained r unqualified personnel		correct unsafe conditio away from travel paths All equipment will be ins testing and serviceable	ble walking surface hazards. Flag or ns. Position equipment and hoses . Identify "no-go" areas. spected for current certifications, working condition prior to work lected to perform tasks based on
3. Vehic	le movements	• V • V • U	ersonnel, equipment or hoses ruck or crushed by moving ehicles or equipment ehicles not inspected prior to novements. Unsafe for travel. nsecured items create dropped bject or road hazards.		Non-essential personne path will be confirmed Vehicles will be inspecte after travel for potentia Vehicles will be inspecte	ed for equipment movements. el will clear the travel path. Travel as clear prior to movements. d by drivers prior to travel and al damage. d to ensure that there are no ads are secured properly.
	ing Vessel and ing near water	<ul> <li>P</li> <li>Ci</li> <li>P</li> <li>d</li> <li>P</li> </ul>	ersonnel struck by thrown lines or aught in "line of fire". ersonnel pinched or crushed uring vessel movements. ersonnel fall into the water. Man verboard.		to fall on the ground an catch mooring lines from When mooring the vessel other body parts from b bits on the dock Never work alone. All per are required to wear a L "man overboard" proce and recovery plan in pla	I, keep hands, fingers, arms, and all between the mooring line and the rsonnel within 5' of the docks edge USCG approved PFD. Always discuss dures prior to work. Have life ring ace.
5. Conn	ecting hoses	• P o d h	ersonnel crushed or pinched while connecting transfer hoses. ersonnel suffer back strain or ther ergonomic related injuries uring connections or moving loses lip/trip/fall hazards while working	•	Identify, communicate ar including cam-lock com- parts or equipment Transfer hoses can be h hoses employees shall u including keeping your l as lifting with your kneep	nd avoid all crush/pinch points: nections, vehicles and other moving eavy and when handling these use proper ergonomic practices back as straight as possible as well





Job Steps	Potential Hazards	Preventive Measures / Special PPE
		awareness when walking in the dock area. Try to run hoses in an area that is out of the normal walking path and go around if possible
<ol> <li>Working in potentially hazardous atmospheres</li> </ol>	<ul> <li>Personnel exposed to hazards related to hazardous atmospheres.</li> <li>Ignition sources create potential for explosive conditions</li> <li>Personnel not equipped to suppress incipient fire</li> </ul>	<ul> <li>Calibrated multi-gas meters/detectors will be used to confinit that LEL's, CO and other gases are within safe range for pumping and transfer operations. Operations will transfer operations will stop immediately if LEL's or Carbon Monoxide levels become elevated</li> <li>A protective distance of 100' outside shoreside transfer will be identified, and marked with caution tape and warning signs to prohibit smoking, sparks and any potential source of ignition within the transfer area perimeter. The M/V will suspend all similar activities for the duration of transfer operations.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Energizing pneumatic equipment</li> </ol>	<ul> <li>Personnel injured when struck by hoses or pressure during hose connection or fitting failure.</li> <li>Air leaks or blowout causing pressure related injuries.</li> <li>Hearing loss/injury due to noise levels above 85 decibels</li> </ul>	<ul> <li>All pressurized hoses will have whip checks and safety clips installed prior to energizing. All pneumatic hoses will be inspected prior to use.</li> <li>Pumping operations will be stopped immediately if leaks are detected during operations. Defective hoses will be replaced with new hoses/whips.</li> <li>Hearing protection will be worn in all areas where high-noise machinery and equipment is being operated.</li> </ul>
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Iob Steps	Potential Hazards	Preventive Measures / Special PPE
		<ul> <li>detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Prolonged exposure to elements (Heat Stress)</li> </ol>	<ul> <li>Inadequate hydration</li> <li>Extended work periods without rest resulting in heat stress</li> </ul>	<ul> <li>Personnel will be encouraged to hydrate frequently. Water to sports drink ratio will be 3:1 (1 sports drink to 3 waters consumed).</li> <li>Work to rest schedules will be determined based on the ambient temperature, acclimatization of personnel and work being performed. Heat stress potential and signs/symptoms will be discussed at all safety meetings, tailgate meetings and during breaks. Personnel will be encouraged to self-report any early symptoms of heat stress. All personnel will be advised that stop work authority applies to potential heat stress symptoms they may be experiencing, (or that they suspect with coworkers).</li> </ul>
11. Break time	<ul> <li>Potential for ingestion of petroleum product or other contaminants.</li> <li>Fire hazards from unrestricted smoking</li> <li>Direct sun reduces recovery time for workers during breaks</li> <li>Inadequate water</li> </ul>	<ul> <li>Personnel will wash hands before smoking, eating, drinking or any other activity where contaminants might be ingested. This hazard will be stressed in break areas.</li> <li>Only smoke in designated areas.</li> <li>Ensure that break areas have adequate shade and cooling potential for personnel</li> <li>Personnel are more likely to hydrate when cool water is available. Ensure an adequate supply and include sports drinks with electrolytes to be consumed sparingly.</li> </ul>
12. Decontaminate Personnel	<ul> <li>Potential for secondary contamination by absorption, injection, or ingestion</li> </ul>	<ul> <li>Follow decontamination plan for dothing removal and disposal when protective outerwear is required and becomes contaminated.</li> <li>Only use safety scissors (never knives) to cut Tyvek from personnel.</li> <li>Ensure that workers wash hands and face thoroughly.</li> </ul>
NRC INCIDENT REPORTING POLICY	<ul> <li>First Ald</li> <li>OSHA recordable</li> <li>Illness/Injury</li> <li>Near Miss</li> <li>Equipment/Vehicle Damage</li> </ul>	<ul> <li>NRC employees and subcontractors are required to immediately report all incidents to their supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents and submit to the HSEQ manager within 8 hours of an incident.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>

REVIEW

Development Team	Position/Title	Reviewed By	Position/Title	Date
Sec. Martin	AC	KNOWLEDGEMENT		
Employee Na	ame	Signature		Date
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Job Hazard Analysis

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PO # 63

NRC	SAFETY MANAGEMENT SYSTEM	SAFETY
Form 8.1.7	Site Specific Safety Plan Project Name: MC20 Recovered Crude Oil Transfer	Revision: 08/2019

NRC PROJECT PERSONNEL AND EMERGENCY CONTACTS		
Shore side NRC Project Manager Jesse Bridges (985) 502-7190		
Director of Marine Ops	David Kendall (281) 914-6577	
Director of Operations	Ray Mc Coy (631) 236-2512	
Yard Manager	Darryl Prout (985) 396-4518	
H&S Program Manager	Peter Brause, CSP (310) 387-2639	
VP Health & Safety	Ken Koppler, CIH, CSP (971) 285-0450	-
Hospital / Medical Intervention Lady of the Sea Hospital: Galliano, LA (985) 632-6401		

Date: 6 - 24 - 24	Start Time: 0400	Job Number: 19-0192
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□ Land Emergency Response □ Marine Emergency Response □ Land Service ⊠ Marine Service

### SITE DESCRIPTION / WORK SUMMARY

The site is the Port Fourchon Facility: 554 Dudley Bernard Rd. Port Fourchon, LA. 70357 (985) 396-4518

NRC will facilitate removing recovered crude oil from the well located at MC20 project. The M/V BB has been collecting crude oil from the location and storing it on Marine Portable Tanks (MPTs) located on her deck. The vessel will be moored to the dock at the above location and transfer the recovered crude from the MPTs on her deck to double walled frac tanks on the dockside.

Once the frac tanks on the Port Fourchon docks are ready for transfer the crude will then be transferred into bulk transporter trailers to be sent to its final destination.

### SCOPE OF WORK

The M/V  $\beta\beta$  will send a 100' section of 3-inch petroleum duty hose to the dock where it will be connected to the hoses leading to a properly rated and tested manifold. The manifold has one inlet and three outlets. Each outlet will be fitted with a 3-inch transfer hose and affixed to the frac tanks. Once the connections are secured and the declaration of inspection (DOI) is complete, the vessel will transfer the crude oil in her tanks using a 4-inch pneumatic diaphragm pump. As the frac tanks near capacity the dockside operator will open the next manifold valve and close the active one. This process will continue until all three frac tanks are at capacity. Once the transfer is complete a 1-inch airline with the proper fitting will be given to the M/V's crew to send compressed air up the hose to "blow down" any residual product left in the hoses to ensure no product is spilled when the hoses are disconnected.

After the crude oil sits in the frac tank at the Port Fourchon Dock for 12 to 24 hours the crude oil will be pumped using a 3-inch pneumatic diaphragm pump to transport trailers to be sent to final destination.



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#### SAFETY MANAGEMENT SYSTEM

Site Specific Safety Plan Project Name: <u>MC20 Recovered Crude Oil Transfer</u>



### EQUIPMENT

- One on Port Fourchon Facility Properties)

- Air Compressor (One aboard the M/V
  - 4-inch pneumatic diaphragm pumps
  - Petroleum Duty transfer hoses rated and inspected accordingly

BB

- Safety Clips for Cam-lock connections and Chicago fittings
- Containment pans for diaphragm pumps and each hose connection (on the deck of the M/V as well as the Port Fourchon Facility Dock)
- Sorbent pads / Polly to wrap around each hose connection as spill prevention
- Whip Checks for each air line connection coming from the air compressor
- Intrinsically safe handheld VHF radios (Means of Communication between PIC of vessel and PIC of dock)
- Supplied Air Breathing System

#### ATTACHMENTS

Attachment	TITLE	Attachment	TITLE
А	Safety Data Sheets	F	Diagram of dock layout
В	SMS 8.1.5 Daily Safety Meeting form - Maritime		
С	SMS 13.2 Respiratory Protection	1	
D	Incident / Near Miss / RCA		
E	DOI	10000	0



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### SAFETY MANAGEMENT SYSTEM

Site Specific Safety Plan Project Name: MC20 Recovered Crude Oil Transfer



### **CHEMICAL INFORMATION**

CHEMICAL / CAS	CHEMICAL PROPERTIES	EXPOSURE LIMITS Action Levels	ROUTES OF ENTRY	SYMPTOMS
Crude Oil	VP (mmHg): 2.6-6.2lbs @ 100F VD (Air=1): >1 BP: -54 to 1100F SG: 0.8939 PV: 1-50 <b>FP: &lt;24 F Estimated</b> LEL: 1.1 UEL: 7.3 Appearance; thick light yellow to dark black	Oil Mist, If Generated ACGIH TWA: 5mg/m3 STEL: 10mg/m3 OSHA TWA: 5mg/m3 NIOSH IDLH:2500mg/m3	X Inhalation X Ingestion X Contact	May include eye, nose and throat irritation, digestive tract, nausea, vomiting, diarrhea, headache, drowsiness, dizziness, loss of coordination, disorientation and fatigue
Hydrogen Sulfide	Strong rotten egg odor at low levels, rapidly deadens the sense of smell at higher concentrations. Highly flammable - LEL is 4.3%	10 PPM – OSHA PEL Above 10 PPM – Level B PPE required in work area. IDLH = 100 PPM	X Inhalation ☐ Ingestion ☐ Absorption ☐ Contact	Headache, Nausea, irritation to the eyes, nose, or throat. Death if exposed to high concentrations of Hydrogen Sulfide.
Benzene / 71-43-2	S.G. = 0.88 FP = 12 F LEL: 1.2% UEL = 7.8%	ACGIH TWA: 0.5 ppm OSHA TWA: 1 ppm IDLH: 500ppm	X Inhalation X Ingestion X Absorption X Contact	Irritation to the eyes, skin, nose and respiratory system. Dizziness, headache, nausea, staggered gait; bone marrow depressive

<b>NRC</b>	
Form 8.1.7	

Site Specific Safety Plan Project Name: <u>MC20 Recovered Crude Oil Transfer</u>



### PERSONAL PROTECTIVE EQUIPMENT

TASK	Level	MASK / CARTRIDGE / AIR	ADDITIONAL PPE
Mooring Vessel	D	N/A	Level D PPE with the addition of an approved PFD when working within 5' of the docks edge
Connecting hoses	D	N/A.	Level D PPE with the addition of an approved PFD when working within 5' of the docks edge
Completing inspection	D	N/A	Level D PPE with the addition of an approved PFD when working within 5' of the docks edge
Transfer operations	D	Level C or Level B may be needed based on air monitoring results.	Level D PPE (unless readings indicate a need to upgrade PPE to level C respiratory protection) with the addition of an approved PFD when working within 5' of docks edge. If H2S is detected above 5 ppm Level B PPE (supplied air respirators) will be used. Operations will be suspended if H2S levels reach 100ppm.
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### **RESPIRATORY PROTECTION PLAN**

The NRC SMS Procedure 13.2 for Respiratory Protection is provided in Attachment\_C .



Site Specific Safety Plan Project Name: <u>MC20 Recovered Crude Oil Transfer</u>



# **AIR MONITORING / ACTION LEVELS**

Chemical Hazard	Instrument	Action Level	Action
Oxygen (O <sub>2</sub> )	4-gas	<19.5% or >23.5%	<ul> <li>Stop work, determine source of hazard and apply engineering control (ventilation) until reading can be brought to 21% +/- 1%.</li> </ul>
Carbon Monoxide (CO)	4-gas	25 ppm	<ul> <li>Stop work, determine source of hazard and apply engineering controls. Upgrade PPE as necessary.</li> </ul>
Lower Explosion Limit (LEL)	4-gas	>10%	<ul> <li>Stop work, determine source of hazard and apply engineering control (ventilation) until reading can be brought below 10%.</li> </ul>
Hydrogen Sulfide (H2S)	4-gas	10 ppm >10 ppm	OSHA PEL     SCBA / Supplied Air Respiratory Protection
PID/VOC	PID	10 - 750 ppm >750	<ul> <li>Don level C PPE APR w/OV cartridge (Check Benzene Levels, if Benzene levels are below 0.5 Respiratory protection may be reduced</li> <li>SCBA / Supplied Air Respiratory Protection</li> </ul>
Benzene	Colorimetric Tube	<0.5 PPM 0.5 - 25 PPM >25 PPM	<ul> <li>No Respiratory requirement</li> <li>Full Face APR with OV Cartridges</li> <li>SCBA / Supplied Air Respiratory Protection</li> </ul>



Site Specific Safety Plan Project Name: MC20 Recovered Crude Oil Transfer



# ACTIVITY HAZARD ANALYSIS / SUMMARY

ITEM	HAZARD	PREVENTION
Behavioral Based Safety	Hazard Identification Stop Work Authority Near Miss	<ul> <li>Immediate supervisor will remind their crews of their Authority and Responsibility to Stop work and contact their supervisor if they discover a hazard</li> <li>Safety officer to coordinate with work crew safety leads</li> <li>Daily HASP / Tailgate meetings will be conducted with the crew.</li> <li>Report all near misses, at risk conditions on the job site, or at-risk actions by crew member. Discuss all reported near misses during the post job briefing and during Daily HASP / Tailgate meetings.</li> </ul>
Mooring M/V	Struck by Pinched by Fall into water	<ul> <li>When tossing the mooring lines to the shore allow the lines to fall on the ground and pick them up. Do not attempt to catch mooring lines from the M/V.</li> <li>When mooring the vessel, keep hands, fingers, arms, and all other body parts from between the mooring line and the bits on the dock.</li> <li>Never perform this task alone and all personnel within 5' of the docks edge are required to wear a USCG approved PFD.</li> </ul>
Connecting Hoses	Caught / pinched by Back / muscle strain Slip / Trip / Fall	<ul> <li>Identify, communicate, and avoid all pinch / crush points including, but not limited to - cam lock connections, trucks backing / parking, other mobile equipment on the dock.</li> <li>Transfer hoses can be heavy and when handling these hoses employees shall use proper ergonomic practices including keeping your back as straight as possible as well as lifting with your knees and not your back.</li> <li>Observe good housekeeping and maintain situational awareness when walking in the dock area. Try to run hoses in an area that is out of the normal walking path and go around if possible.</li> </ul>
Energizing pneumatic equipment	Hose whipping Air Leak Noise levels above 85 decibels	<ul> <li>Ensure all connections have whip checks and safety clips in place prior to energizing air lines.</li> <li>If hissing is hear there is a leak in the line and the compressor should be de-energized and the leaking hoses / connections should be replaced prior to continuing operation.</li> <li>Hearing protection required for pneumatic equipment.</li> </ul>
Transfer of recovered crude oil	Spill / spray crude oil on employee. Overfilling of frac tank Overcome by vapors Hydrogen Sulfide (H2S) Detected during transfer.	<ul> <li>All hose connections shall be secured with safety clips, then wrapped in sorbent pads and duct tape and rope to prevent spills or contamination of individuals. There will be no hose connections over water and all connections will also be in secondary containment.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC of the dock facility will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of all sorts of hydrocarbons. Among them can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter with PID on site during transfer to ensure vapors aren't present. If vapors become an issue, all work will stop and PPE will be upgraded according to the chart found on page 5 of this document.</li> <li>All personnel involved in the transfer process will be wearing a personal H2S Detector worn in their breathing zone.</li> <li>If H2S is detected above 5 PPM, the operations will stop, and all essential personnel will don their Supplied Air Respiratory Protection (SAR) and evacuate all non-essential</li> </ul>

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Revision: 08/2019

# Site Specific Safety Plan Project Name: <u>MC20 Recovered Crude Oil Transfer</u>

ITEM	HAZARD	PREVENTION
		<ul> <li>personnel from the area during the transfer. There will be support personnel upwind with SAR capabilities on site for rescue purposes during this operation.</li> <li>If H2S is detected above the IDLH (100 PPM) then stop work authority will be used, all personnel will evacuate the work area and move to an upwind, safe location until the levels are below 100 PPM.</li> </ul>
Transfer of oil into transporter	Spill / spray crude oil on employee. Overfilling of frac tank Overcome by vapors	<ul> <li>All hose connections shall be secured with safety clips, then wrapped in sorbent pads and duct tape and rope to prevent spills or contamination of individuals. There will be no hose connections over water and all connections will also be in secondary containment.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC of the dock facility will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of all sorts of hydrocarbons. Among them can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter with PID on site during transfer to ensure vapors aren't present. If vapors become an issue, all work will stop and PPE will be upgraded according to the chart found on page 5 of this document.</li> </ul>
Incident Reporting	First Aid OSHA Recordable Medical Only Near Miss	<ul> <li>Employees immediately report all incidents to their immediate supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents and submit to the HSEQ manager within 8 hours of an incident.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>
Prolonged exposure to elements	Dehydration Hypothermia Hyperthermia	<ul> <li>If Tyvek is not required, long sleeve shirts should be worn to cover skin.</li> <li>Rain suits should be worn in lieu of chemical protective coveralls during inclement weather</li> <li>Drink plenty of fluids.</li> <li>Appropriate clothing should be worn based on weather conditions.</li> </ul>
Break time	Ingestion Fire	<ul> <li>Thoroughly wash hands before eating, drinking, smoking, or applying sun screen</li> <li>Do not smoke near petroleum products (ONLY IN DESIGNATED AREA)</li> </ul>
Decontaminate Personnel	Absorption Contamination	<ul> <li>Follow decontamination plan for clothing removal / disposal.</li> <li>Do not use knives to cut PPE / use safety scissors</li> <li>Wash hands and face thoroughly.</li> </ul>
COVID 19 Protocol	Personnel infected with COVID-19 could spread it to others in the work area.	<ul> <li>Employees will follow all CDC, Local, State, and Federal guidance regarding Social Distancing. All personnel must remain at least 6' from one another on the worksite at all times. Only personnel essential to the operation will be allowed in the work area.</li> <li>If any employee is displaying symptoms related to COVID19</li> </ul>



Revision: 08/2019

Site Specific Safety Plan Project Name: <u>MC20 Recovered Crude Oil Transfer</u>

ITEM	HAZARD	PREVENTION
		<ul> <li>they will be removed from work and follow the US Ecology / NRC return to work guidance issued by corporate.</li> <li>The Symptoms in question are Fever (Above 100.4F, Dry Cough, and Shortness of breath)</li> <li>Dockside personnel will not interact with personnel aboard the M/V during transfer operations. If an emergency were to arise where dockside personnel need to board the M/V they will be wearing proper PPE and will decontaminate anything touched while on board the vessel.</li> <li>All trucks, handles, switches, controls, doors, etc. (frequently touched items) will be decontaminated frequently, at minimum prior to use and once the work task is complete. All personnel on site will have adequate supplies to decontaminate frequently touched surfaces such as disinfectant wipes, hand sanitizer, and a cleaner approved for use as a virucide.</li> <li>All breaks will be taken individually, or employees will set themselves at least 6 feet away from one another to accomplish the social distancing demand due to the current pandemic.</li> </ul>
NRC INCIDENT REPORTING POLICY	<ul> <li>First Aid</li> <li>OSHA recordable</li> <li>Illness/Injury</li> <li>Near Miss</li> <li>Equipment/Vehicle Damage</li> </ul>	<ul> <li>NRC employees and subcontractors are required to immediately report all incidents to their supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents and submit to the HSEQ manager within 8 hours of an incident.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>
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NRC		SAFETY MANAGEMENT SYSTEM	SAFETY
Form 8.1.7	Project Name:	Site Specific Safety Plan MC20 Recovered Crude Oil Transfer	Revision: 08/2019

# MINIMUM SAFETY EQUIPMENT REQUIRED

1	Eyewash	1	Decon Pool / Supplies See itemization list under Decon		Tinted faceshield, leathers, gauntlets, hot-work cutting gear
1	First Aid Kit	1	Fire Extinguisher, Dry Chemical		Barricades / Traffic Cones / Delineators / Banner Tape
		21	Fire Extinguisher, Water	1	Ladders
17.	Harnesses		Lanyards / rope		Confined space entry equipment
1	PPE (Task specif	ic)		1	

# TRAINING / DOCUMENTATION REQUIREMENTS

1	HAZWOPER 40	1	Hazwoper Supervisor	1	Current 8 Hour Refresher
1	First Aid /CPR		Confined Space Supervisor	1	Current Medical Fitness For Duty
12	NRC Confined Space				NRC Confined Space Rescue
✓ API Safe Rigging Practices		1	Documentation of compliance with Drug Free Work Place		
Competent Fire Watch Designated Personnel		gnated Personnel		Qualified Pressure Washer Operator	

RRC		SAFETY MANAGEMENT SYSTEM	SAFETY TISTAL WAY TO GO
Form 8.1.7	Project Name:	Site Specific Safety Plan MC20 Recovered Crude Oil Transfer	Revision: 08/2019

# **DECONTAMINATION AND DISPOSAL**

DECONTAMIN	ATION EQUIPMENT
<ul> <li>Visqueen on Ground</li> <li>Carpet on Ground</li> <li>Wooden Pallets</li> <li>Decon Pool / wash boots</li> <li>Boot brushes</li> <li>Decon Pool Rinse Boots</li> <li>Respirator wash bucket</li> <li>Respirator rinse bucket</li> <li>Drying stands or platforms for respirators after washing</li> <li>Wipe rags to clean respirators</li> </ul>	<ul> <li>Rags for cleaning - wiping</li> <li>Labeled Drums for disposal items</li> <li>Chairs to sit on for PPE removal</li> <li>Plastic zip-lock bags for personal sample pumps</li> <li>Water to wash face / hands</li> <li>Decontamination Assistant</li> <li>Barrier stands</li> <li>Caution tape to designate decon area</li> <li>Shower</li> </ul>
PERSONNEL DEC	ONTAMINATION PLAN
<ul> <li>Establish two stage contamination reduction zone with</li> <li>Provide wet rags (not saturated) to personnel to wipe</li> <li>Place empty lined drums for contaminated PPE with line</li> <li>Untape gloves and boots – discard tape</li> <li>Sit on chair prior to removing boots or outer PPE</li> <li>Remove boots and outer gloves (boots will be reused</li> <li>Unzip suit / pull off hood</li> <li>Roll down suit / inside out and place into labeled conta</li> <li>Remove respirator</li> <li>Use wipes to clean</li> <li>Store respirators in plastic bags after drying</li> <li>Remove inner gloves</li> <li>PPE and debris will be bagged, accounted for, and bul</li> <li>Store respirators in individual plastic bags with employ</li> </ul>	exterior of PPE prior to dry decon (stage 1 decon) hers removed to waste bin at end of each shift and leather outer gloves may be reuse if still in good condition) ainer ked into the applicable waste bin or container
WASTE MAI	NAGEMENT PLAN
<ul> <li>Contaminated disposable PPE &amp; debris from operation</li> <li></li></ul>	shall be placed in an approved container

NRC		SAFETY MANAGEMENT SYSTEM	SAFETY IT'S THE WAY TO COD
Form 8.1.7	Project Name:	Site Specific Safety Plan MC20 Recovered Crude Oil Transfer	Revision: 08/2019

### SITE LAYOUT

Sketch the work area or attach a schematic drawing. Please include the following:

Evacuation Route	Control Entry Point	Exclusion Zone (red security tape)
Decontamination Point (red tape)	Support Zone (yellow caution tape)	Fire Extinguishers
Eyewash / Showers		

# See Facility Map

MRC		SAFETY	
Form 8.1.7	Project Name:	Site Specific Safety Plan MC20 Recovered Crude Oil Transfer	Revision: 08/2019

# EMERGENCY MEDICAL TREATMENT AND FIRST AID

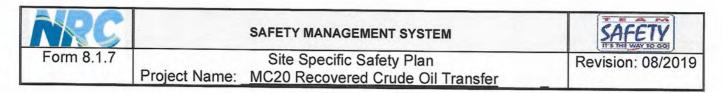
TYPE CONTACT	FIRST AID			
Eyes	<ul> <li>Flush each eye continuously for 15 minutes</li> <li>Tilt head to side to ensure liquid runs onto floor not other eye</li> <li>Refer to EMT for evaluation</li> </ul>			
Skin	<ul> <li>Remove contaminated clothing immediately</li> <li>Wash skin continuously for 15 minutes</li> <li>Refer to physician if redness, swelling, or pain persists after washing</li> </ul>			
Not Breathing	<ul> <li>Call 911</li> <li>Remove to fresh air immediately if respiratory distress develops</li> <li>Begin CPR until EMT arrives</li> </ul>			
Ingestion	<ul> <li>Aspiration hazard</li> <li>Do not induce vomiting</li> <li>Do not give anything by mouth</li> </ul>			

### ACCIDENT REPORTING

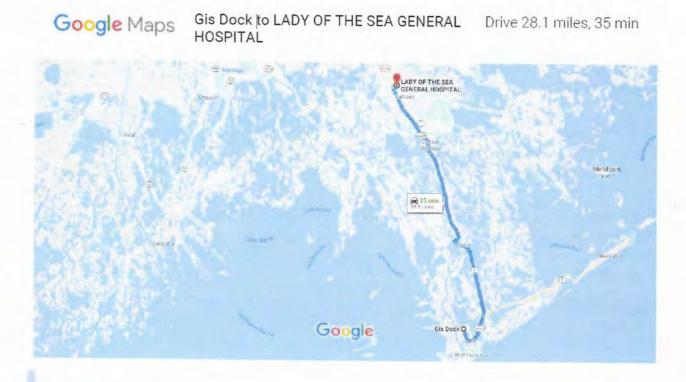
FIRST AID INJURIES REQUIRING MEDICAL TREATMENT VEHICLE ACCIDENT NEAR MISS	<ul> <li>Employees immediately report all accidents or incidents to the Site Project Manager / Safety Officer</li> <li>Site Project Supervisor will immediately notify the NRC Project Manager via cell phone. If unable to reach the Project Manager, call the NRC Safety Manager. If you get a voice mail; call their cell phones</li> <li>NRC Safety Manager will provide employee disposition guidelines and coordinate an accident investigation either by himself or Project Supervisor</li> <li>NRC Project Manager will relay information to Project Site Superintendent</li> <li>Accident reporting forms are included in Attachment_D</li> <li>Determination will be made regarding need for post accident drug testing</li> </ul>
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### **EMERGENCY RESPONSE PLAN**

ELEMENT	LOCATION, SPECIFICATION OR REASON FOR USE           Our Lady of the Sea General Hospital, (985) 632-6401           200 W 134th Pl, Cut Off, LA 70345			
NEAREST HOSPITAL				
NEAREST PHONE	Port Fourchon Facility Phone			
FIRST AID KIT	Deck of M/V Brandon Bordelon and the M/V Connor Bordelon/ Fourchon Dock side as well			
FIRE EXTINGUISHER	Deck of the vessel discharging product Port Fourchon Facility Dock			
EYEWASH STATION Stage Portable Eyewash Station in Support Zone				
EVACUATION ROUTE / MEETING POINT	See site map and follow established emergency procedure			



### **Hospital Route**



# via LA-1 and LA-3235

35 min

28.1 miles

Fastest route, the usual traffic This route has restricted usage or private roads.

bad

				ANAGEMENT S	STEM	SAFETY
Form 8.1.7 Site Specif Project Name: MC20 Recover			pecific Safety P ecovered Crude	cific Safety Plan Revision: 0 overed Crude Oil Transfer		
Site Safe	ety Office	er Jeese		<b>ETY PLAN APP</b> ૯૬		6-24-24
	I have re I am aware th I must I understa	ad and understand at I am to sign in a t notify the on site nd that I have the	the topics outlin at the beginning supervisor of an right to stand do	ned on all pages of this of the shift and sign our y injury /accident/ nea own for Safety and report	II NRC site pers HASP and will follow all the t at the end of my shift on r miss that I had or observ rt any potential hazards to call the H & S Manager at	e required safety rules. the Daily Safety Meeting form.
Date		Print Na				ature
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			Job Hazard Ana	alysis		Revision: 08/2015
TASK DESC	RIPTION: MC	20 Recovered	Crude Oil / Vessel t	to Shor	e Transfer	7/9/24
			ARY OF POTENTIAL HAZA		and dealed the	111101
Heavy or a movement	wkward lifting /	Pincl	n Points or caught betwee	en.	Working and wal	lking surfaces; slip, trip, fall
New / Inex	perienced employe	es 🛛 Spill	/ containment	-	Heat stress envir	ronment
Struck by c	or crush hazard	Nois	e levels (>85 dBA)		П	
Hazardous	liquids, vapors, wa	ste 🛛 Eleva	ated surfaces / Fall / Ladd	ers	In In	
			APPLICABLE REGULATION		ALERTS	
SMS 19.2 V	/acuum Trucks					
		MINIMUM P	ERSONAL PROTECTIVE EC	UIPMEN	T (Check applicable)	
Level A Level B Level C Level D	Level A Hard Hat Level B Safety Glasses Level C Face Shield		Long Sleeves / Coveralls		ther Steel Toe Boots posable boot covers pprene Steel Toe Boots	PFD / Work vest
C Level D	Hearing Prot	ection Resp	irator: JOB HAZARD AN	Glo	ves:	
Jo	ob Steps	Pote	ntial Hazards	VALYSIS	Preventive Mos	asures / Special PPE
Behar 2. Site S Equip	ob Meetings vior Based Safety urvey and oment Set-up	<ul> <li>operational or their roles</li> <li>Personnel da hazards are i</li> <li>Personnel da illnesses, nea</li> <li>Uneven wor hazards.</li> <li>Equipment r or damaged</li> <li>Improper set or unqualifie</li> </ul>	o not report injuries, ar misses or incidents king surfaces and trip not certified, not tested t-up due to untrained d personnel	•	to all involved personne will be encouraged to as any project details Immediate supervisor will Authority and Responsit supervisor if they discov Personnel will be instruct near misses or incident Inspect site for correctal correct unsafe conditio away from travel paths All equipment will be inst testing and serviceable	ed to report any injuries, illnesses,
s v • V n • L		<ul> <li>struck or cru vehicles or e</li> <li>Vehicles not movements.</li> <li>Unsecured it</li> </ul>	Personnel, equipment or hoses struck or crushed by moving vehicles or equipment Vehicles not inspected prior to movements. Unsafe for travel. Unsecured items create dropped object or road hazards.		<ul> <li>Ground guides will be used for equipment movem Non-essential personnel will clear the travel path path will be confirmed as clear prior to movemen</li> <li>Vehicles will be inspected by drivers prior to travel after travel for potential damage.</li> <li>Vehicles will be inspected to ensure that there are loose items and that loads are secured properly.</li> </ul>	
working near water ca Pe du Pe ov		<ul> <li>caught in "lir</li> <li>Personnel pi during vesse</li> <li>Personnel fa overboard.</li> </ul>	nched or crushed I movements. Il into the water. Man	•	When tossing the mooring lines to the shore allow the to fall on the ground and pick them up. Do not atten catch mooring lines from the M/V. When mooring the vessel, keep hands, fingers, arms, a other body parts from between the mooring line and bits on the dock Never work alone. All personnel within 5' of the docks are required to wear a USCG approved PFD. Always c "man overboard" procedures prior to work. Have life and recovery plan in place.	
5. Conne	ecting hoses	<ul> <li>while connect</li> <li>Personnel surest</li> <li>other ergond</li> <li>during connect</li> <li>hoses</li> </ul>	ushed or pinched cting transfer hoses. ffer back strain or omic related injuries ections or moving hazards while working	•	Identify, communicate an including cam-lock conn parts or equipment Transfer hoses can be he hoses employees shall u including keeping your b as lifting with your knee	nd avoid all crush/pinch points: ections, vehicles and other moving eavy and when handling these use proper ergonomic practices back as straight as possible as well





Job Steps	Potential Hazards	Preventive Measures / Special PPE
		awareness when walking in the dock area. Try to run hoses in an area that is out of the normal walking path and go around if possible
<ol> <li>Working in potentially hazardous atmospheres</li> </ol>	<ul> <li>Personnel exposed to hazards related to hazardous atmospheres.</li> <li>Ignition sources create potential for explosive conditions</li> <li>Personnel not equipped to suppress incipient fire</li> </ul>	<ul> <li>Calibrated multi-gas meters/detectors will be used to confirm that LEL's, CO and other gases are within safe range for pumping and transfer operations. Operations will transfer operations will stop immediately if LEL's or Carbon Monoxide levels become elevated</li> <li>A protective distance of 100' outside shoreside transfer will b identified, and marked with caution tape and warning signs, to prohibit smoking, sparks and any potential source of ignition within the transfer area perimeter. The M/V will suspend all similar activities for the duration of transfer operations.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Energizing pneumatic equipment</li> </ol>	<ul> <li>Personnel injured when struck by hoses or pressure during hose connection or fitting failure.</li> <li>Air leaks or blowout causing pressure related injuries.</li> <li>Hearing loss/injury due to noise levels above 85 decibels</li> </ul>	<ul> <li>All pressurized hoses will have whip checks and safety clips installed prior to energizing. All pneumatic hoses will be inspected prior to use.</li> <li>Pumping operations will be stopped immediately if leaks are detected during operations. Defective hoses will be replaced with new hoses/whips.</li> <li>Hearing protection will be worn in all areas where high-noise machinery and equipment is being operated.</li> </ul>
<ol> <li>Transfer of recovered crude oil</li> </ol>	<ul> <li>Personnel contacted by crude oil spray or environmental release.</li> <li>Overfilling tank resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tested prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropylene line will be used as an added retention measure. Personnel will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site. The DOI Declaration of Inspection will be completed prior to operations.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among them can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
9. Transfer of oil into transporter	<ul> <li>Personnel contacted by crude oil spray or environmental release</li> <li>Overfilling transportation vessel resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> <li>Fall hazards present if personnel are working above 6 feet</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tested prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropylene line will be used as an added retention measure. Personnel will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among them can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are</li> </ul>

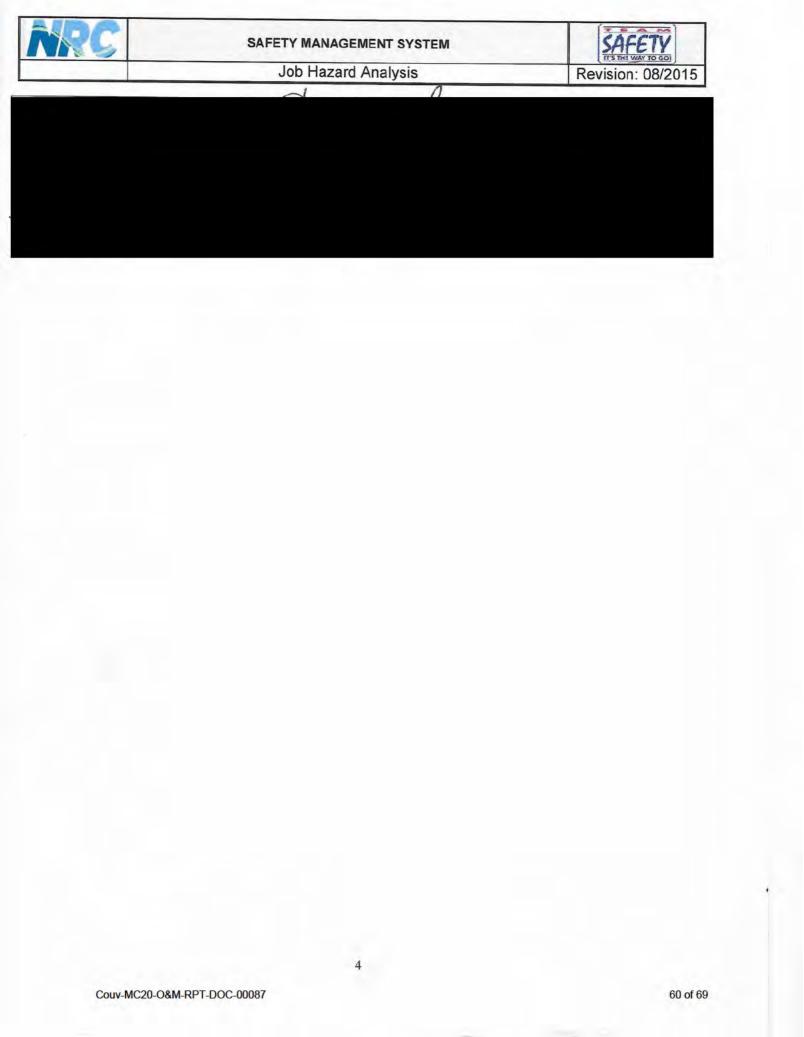




Job Steps	Potential Hazards	Preventive Measures / Special PPE
		<ul> <li>detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection wi be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Prolonged exposure to elements (Heat Stress)</li> </ol>	<ul> <li>Inadequate hydration</li> <li>Extended work periods without rest resulting in heat stress</li> </ul>	<ul> <li>Personnel will be encouraged to hydrate frequently. Water-sports drink ratio will be 3:1 (1 sports drink to 3 waters consumed).</li> <li>Work to rest schedules will be determined based on the ambient temperature, acdimatization of personnel and work being performed. Heat stress potential and signs/symptoms will be discussed at all safety meetings, tailgate meetings and during breaks. Personnel will be encouraged to self-report any early symptoms of heat stress. All personnel will be advised that stop work authority applies to potential heat stress symptoms they may be experiencing, (or that they suspect with coworkers).</li> </ul>
11. Break time	<ul> <li>Potential for ingestion of petroleum product or other contaminants.</li> <li>Fire hazards from unrestricted smoking</li> <li>Direct sun reduces recovery time for workers during breaks</li> <li>Inadequate water</li> </ul>	<ul> <li>Personnel will wash hands before smoking, eating, drinking or any other activity where contaminants might be ingested. This hazard will be stressed in break areas.</li> <li>Only smoke in designated areas.</li> <li>Ensure that break areas have adequate shade and cooling potential for personnel</li> <li>Personnel are more likely to hydrate when cool water is available. Ensure an adequate supply and include sports</li> </ul>
12. Decontaminate Personnel	<ul> <li>Potential for secondary contamination by absorption, injection, or ingestion</li> </ul>	<ul> <li>drinks with electrolytes to be consumed sparingly.</li> <li>Follow decontamination plan for clothing removal and disposal when protective outerwear is required and becomes contaminated.</li> <li>Only use safety scissors (never knives) to cut Tyvek from personnel.</li> <li>Ensure that workers wash hands and face thoroughly.</li> </ul>
NRC INCIDENT REPORTING POLICY	<ul> <li>First Aid</li> <li>OSHA recordable</li> <li>Illness/Injury</li> <li>Near Miss</li> <li>Equipment/Vehicle Damage</li> </ul>	<ul> <li>NRC employees and subcontractors are required to immediately report all incidents to their supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>

REVIEW

Development Team	Position/Title	Reviewed By	Position/Title	Dake
	AC	CKNOWLEDGEMENT		
Employee N	ame	Signature		Date
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Truch

Job Hazard Analysis

TASK DESC	RIPTION: MC	20 Reco	overed Crude Oil / Vessel 1	to Shore	Transfer	7.10-24
			SUMMARY OF POTENTIAL HAZA	RDS (Check	applicable)	
Heavy or av movement	wkward lifting /		Pinch Points or caught betwee	en	Working and wal	king surfaces; slip, trip, fall
New / Inexp	perienced employe	ės	Spill / containment		Heat stress envir	ronment
Struck by or	r crush hazard	-	Noise levels (>85 dBA)			
Hazardous	liquids, vapors, wa	ste	Elevated surfaces / Fall / Ladd	ers		
		1	APPLICABLE REGULATION	SOPS / A	LERTS	
SMS 19.2 V	acuum Trucks					
		MI	NIMUM PERSONAL PROTECTIVE EC	UIPMENT (	(Check applicable)	
Level A Level B Level C Level D	Hard Hat Safety Glasse Face Shield Hearing Prot		<ul> <li>High Visibility Vest</li> <li>Long Sleeves / Coveralls</li> <li>Chemical protective clothing</li> <li>Respirator:</li> </ul>	Dispon Neopr	er Steel Toe Boots sable boot covers rene Steel Toe Boots s:	PFD / Work vest
	b Steps	-	JOB HAZARD A Potential Hazards	NALYSIS		asures / Special PPE
Behav 2. Site S	1.       Pre-job Meetings Behavior Based Safety       •       •         Behavior Based Safety       •       •       •         2.       Site Survey and Equipment Set-up       •       •		ersonnel do not understand the perational plan, relevant hazards their roles/responsibilities ersonnel do not stop work when azards are identified ersonnel do not report injuries, messes, near misses or incidents neven working surfaces and trip azards.	• 1	to all involved personne will be encouraged to a any project details mmediate supervisor wil Authority and Responsil supervisor if they discov Personnel will be instruct near misses or incident nspect site for correcta	ed to report any injuries, illnesses,
			uipment not certified, not tested damaged nproper set-up due to untrained unqualified personnel	• 1	away from travel paths All equipment will be ins testing and serviceable Personnel will be pre-se verified competency	s. Identify "no-go" areas. spected for current certifications, e working condition prior to work lected to perform tasks based on
		st ve Ve m	ersonnel, equipment or hoses ruck or crushed by moving chicles or equipment chicles not inspected prior to ovements. Unsafe for travel. nsecured items create dropped oject or road hazards.	• •	Non-essential personn path will be confirmed Vehicles will be inspecte after travel for potenti Vehicles will be inspecte	sed for equipment movements. el will clear the travel path. Travel as clear prior to movements. ed by drivers prior to travel and al damage. ed to ensure that there are no bads are secured properly.
working near water		ca • Pe dt • Pe	ersonnel struck by thrown lines or hught in "line of fire". ersonnel pinched or crushed uring vessel movements. ersonnel fall into the water. Man verboard.	<ul> <li>When tossing the mooring lines to the shore allow to fall on the ground and pick them up. Do not a catch mooring lines from the M/V.</li> <li>When mooring the vessel, keep hands, fingers, an other body parts from between the mooring line bits on the dock</li> <li>Never work alone. All personnel within 5' of the do are required to wear a USCG approved PFD. Alwa "man overboard" procedures prior to work. Have and recovery plan in place.</li> </ul>		Ind pick them up. Do not attempt to m the M/V. Al, keep hands, fingers, arms, and a between the mooring line and the rsonnel within 5' of the docks edge USCG approved PFD. Always discuss adures prior to work. Have life ring ace.
5. Conn	ecting hoses	■ Po o d	ersonnel crushed or pinched while connecting transfer hoses. ersonnel suffer back strain or ther ergonomic related injuries uring connections or moving oses lin/trip/fall hazards while working	•	including cam-lock com parts or equipment Transfer hoses can be h hoses employees shall including keeping your as lifting with your kneeping	nd avoid all crush/pinch points: nections, vehicles and other moving neavy and when handling these use proper ergonomic practices back as straight as possible as well es and not your back ping and maintain situational

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Job Steps	Potential Hazards	Preventive Measures / Special PPE
		awareness when walking in the dock area. Try to run hoses in an area that is out of the normal walking path and go around if possible
<ol> <li>Working in potentially hazardous atmospheres</li> </ol>	<ul> <li>Personnel exposed to hazards related to hazardous atmospheres.</li> <li>Ignition sources create potential for explosive conditions</li> <li>Personnel not equipped to suppress incipient fire</li> </ul>	<ul> <li>Calibrated multi-gas meters/detectors will be used to confirm that LEL's, CO and other gases are within safe range for pumping and transfer operations. Operations will transfer operations will stop immediately if LEL's or Carbon Monoxide levels become elevated</li> <li>A protective distance of 100' outside shoreside transfer will be identified, and marked with caution tape and warning signs, to prohibit smoking, sparks and any potential source of ignition within the transfer area perimeter. The M/V will suspend all similar activities for the duration of transfer operations.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
<ol> <li>Energizing pneumatic equipment</li> </ol>	<ul> <li>Personnel injured when struck by hoses or pressure during hose connection or fitting failure.</li> <li>Air leaks or blowout causing pressure related injuries.</li> <li>Hearing loss/injury due to noise levels above 85 decibels</li> </ul>	<ul> <li>All pressurized hoses will have whip checks and safety clips installed prior to energizing. All pneumatic hoses will be inspected prior to use.</li> <li>Pumping operations will be stopped immediately if leaks are detected during operations. Defective hoses will be replaced with new hoses/whips.</li> <li>Hearing protection will be worn in all areas where high-noise machinery and equipment is being operated.</li> </ul>
8. Transfer of recovered crude oil	<ul> <li>Personnel contacted by crude oil spray or environmental release.</li> <li>Overfilling tank resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tested prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropylene line will be used as an added retention measure. Personnel will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site. The DOI Declaration of Inspection will be completed prior to operations.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among them can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
9. Transfer of oil into transporter	<ul> <li>Personnel contacted by crude oil spray or environmental release</li> <li>Overfilling transportation vessel resulting in spills</li> <li>Personnel overcome by potentially hazardous vapors</li> <li>Fall hazards present if personnel are working above 6 feet</li> </ul>	<ul> <li>All transfer hoses used will be inspected, certified and tested prior to use. They will be secured with safety clips and wrapped with absorbent pads and duct tape. Polypropylene line will be used as an added retention measure. Personnel will wear Level D PPE and increase protection as appropriate. Spill control kits/supplies will be available on site.</li> <li>Prior to transfer the amount of product that can be accepted will be calculated and the PIC will ensure that there is ample room to handle the transferred product.</li> <li>Crude oil is a mixture of various hydrocarbons. Among then can be benzene, hydrogen sulfide, and other chemicals. There will be a properly calibrated and bump tested 4-gas meter on site during transfer to ensure vapors aren't present. All work will stop if hazardous gasses are</li> </ul>

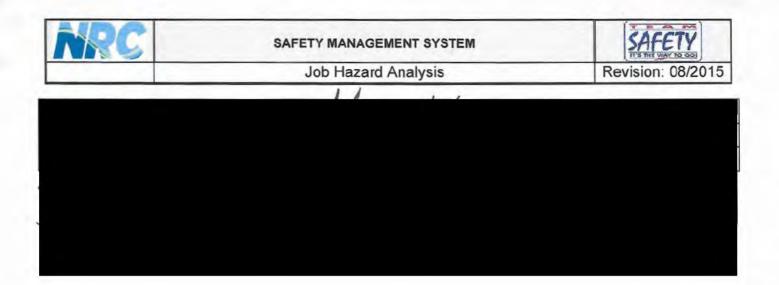




Job Steps	Potential Hazards	Preventive Measures / Special PPE
		<ul> <li>detected. PPE will be upgraded according to the concentration of hazards detected.</li> <li>If personnel will work at heights above 6': fall protection will be worn and a rescue plan will be in place.</li> <li>Fire extinguishers will be placed at the transfer manifolds, compressors, vessel and any other areas of potential ignition.</li> </ul>
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11. Break time	<ul> <li>Potential for ingestion of petroleum product or other contaminants.</li> <li>Fire hazards from unrestricted smoking</li> <li>Direct sun reduces recovery time for workers during breaks</li> <li>Inadequate water</li> </ul>	<ul> <li>Personnel will wash hands before smoking, eating, drinking or any other activity where contaminants might be ingested. This hazard will be stressed in break areas.</li> <li>Only smoke in designated areas.</li> <li>Ensure that break areas have adequate shade and cooling potential for personnel</li> <li>Personnel are more likely to hydrate when cool water is available. Ensure an adequate supply and include sports drinks with electrolytes to be consumed sparingly.</li> </ul>
12. Decontaminate Personnel	<ul> <li>Potential for secondary contamination by absorption, injection, or ingestion</li> </ul>	<ul> <li>Follow decontamination plan for clothing removal and disposal when protective outerwear is required and becomes contaminated.</li> <li>Only use safety scissors (never knives) to cut Tyvek from personnel.</li> <li>Ensure that workers wash hands and face thoroughly.</li> </ul>
NRC INCIDENT REPORTING POLICY	<ul> <li>First Aid</li> <li>OSHA recordable</li> <li>Illness/Injury</li> <li>Near Miss</li> <li>Equipment/Vehicle Damage</li> </ul>	<ul> <li>NRC employees and subcontractors are required to immediately report all incidents to their supervisor.</li> <li>The immediate supervisor will immediately report the incident to the site safety professional, HSEQ Manager, and Project Manager.</li> <li>As soon as possible the affected employee will complete the required form, if an injury then the first report of injury; if near miss, then a near miss / safety suggestion form will be completed.</li> <li>The supervisor will complete a root cause analysis of all reported incidents and submit to the HSEQ manager within a hours of an incident.</li> <li>Determination will be made regarding need for post-incident drug and alcohol testing based on NRC policy.</li> <li>Contact HSEQ Manager for proper USCG reports, if needed and what report is needed.</li> </ul>

REVIEW

Development Team	Position/Title	Reviewed By	Position/Title	Date
	AC	CKNOWLEDGEMENT		
Employee N	ame	Signature		Date
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Revision: 08/2015

		SUMMARY OF POTENTI	L HAZARDS (Check app	licable)	
Heavy or a movement	wkward lifting /	Pinch Points or caught			king surfaces; slip, trip, fall
New / Inex	perienced employe	es Spill / containment	D	Heat stress envir	onment
Struck by c	r crush hazard	Noise levels (>85 dBA)		1	
Hazardous	liquids, vapors, was	te Elevated surfaces / Fa	/Ladders		
			LATION / SOPS / ALERT	s	
SMS 19.2	acuum Trucks				
		MINIMUM PERSONAL PROTE	TIVE EQUIPMENT (Che	ck applicable)	
Level A Level B Level C Level D	Hard Hat Safety Glasse	Chemical protective clean	s Disposable othing Disposable Meoprene Gloves:	eel Toe Boots e boot covers Steel Toe Boots	PFD / Work vest
			ARD ANALYSIS	Contraction of the second	LA LA CART TANK
	b Steps	Potential Hazards			asures / Special PPE
	<ol> <li>Pre-job Meetings Behavior Based Safety</li> <li>Personnel do not understand the operational plan, relevant hazards or their roles/responsibilities</li> <li>Personnel do not stop work when hazards are identified</li> <li>Personnel do not report injuries, illnesses, near misses or incidents</li> </ol>		ards to a will hen Imme es, sup ents Perso	<ul> <li>The operational plan, hazards and controls will be explained to all involved personnel in Safety/Ops meeting. Personnel will be encouraged to ask questions if they are unsure of any project details</li> <li>Immediate supervisor will remind their crews of their Authority and Responsibility to Stop work and contact thei supervisor if they discover a hazard</li> <li>Personnel will be instructed to report any injuries, illnesses near misses or incidents</li> </ul>	
	Survey and oment Set-up	<ul> <li>Uneven working surfaces and hazards.</li> <li>Equipment not certified, not or damaged</li> <li>Improper set-up due to untra or unqualified personnel</li> </ul>	ted correct unsafe conditions. Position equipment away from travel paths. Identify "no-go" areas All equipment will be inspected for current cert		ons. Position equipment and hoses a. Identify "no-go" areas. spected for current certifications, a working condition prior to work
	cle movements	<ul> <li>Personnel, equipment or hos struck or crushed by moving vehicles or equipment</li> <li>Vehicles not inspected prior t movements. Unsafe for trave</li> <li>Unsecured items create drop object or road hazards.</li> </ul>	s Grou Nor pat o Vehi afte bed Vehi loo		
	ring Vessel and ing near water	<ul> <li>Personnel struck by thrown licaught in "line of fire".</li> <li>Personnel pinched or crushed during vessel movements.</li> <li>Personnel fall into the water. overboard.</li> </ul>	to f cate • When oth Man bits • Neve are * ma	<ul> <li>to fall on the ground and pick them up. Do not a catch mooring lines from the M/V.</li> <li>When mooring the vessel, keep hands, fingers, arm other body parts from between the mooring line a bits on the dock</li> <li>Never work alone. All personnel within 5' of the do are required to wear a USCG approved PFD. Alwa "man overboard" procedures prior to work. Have and recovery plan in place.</li> </ul>	
5. Coni	necting hoses	<ul> <li>Personnel crushed or pinche while connecting transfer ho</li> <li>Personnel suffer back strain other ergonomic related inju during connections or movin hoses</li> <li>Slip/trip/fall hazards while w</li> </ul>	es. Iden incl par ies Trar ies hos incl as l	tify, communicate a uding cam-lock conr ts or equipment hsfer hoses can be h es employees shall uding keeping your lifting with your knew	nd avoid all crush/pinch points: nections, vehicles and other moving wavy and when handling these use proper ergonomic practices back as straight as possible as well es and not your back ping and maintain situational





O Job Steps	Potential Hazards	Preventive Measures / Special PPE
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Job Hazard Analysis

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REVIEW

Development Team	Position/Title	Reviewed By	Position/Title	Date
	AC			,
Employee Na	ame	Signature	/	Date
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# Plaquemines Processing & Recovery, LLC

### NON-HAZARDOUS WASTE MANIFEST

Manifest # BU

350 East Ravenna Road Belle Chasse, LA 70037 (504) 656-0982

7.9.24

Generator	Generator Agent or Contractor		
Generator Name & Mailing Address	Charge To Company & Mailing Address if different from Generator		
Generator Location	Physical Address		
Contact Person	Contact Person		
Phone	Phone		
Order Number	Job Number		
Generator's EPA I.D. Number (if applicable)	Comments		

Description of Waste Materials	Profile Number	Total Quantity	Units of Measure	Container Type
Oly Wahr	4,183.2	1	gallons	VT
9			0	

I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR part 261 or any applicable state law, has been properly described, classified and packaged in proper condition for transportation according to federal and state regulations.				
Generator Authorized Agent Name (Print)	Signature	Date		

Transporter				
Transporter and Address	Phone			
and a new a set of	Vehicle License or Identification #			
Driver Name (Print)	U.S. EPA I.D. or Vehicle Certification #			
I heroby certify that the above named material was picked up at the generator's location listed above.	I hereby certify that the above named material was delivered without inci- dent to the destination listed below.			

Destination				
Facility Name and Address Plaquemines Processing & Recovery 350 East Ravenna Rd. Belle Chasse, LA 70037	Phone (504) 656-0984			
	U.S. EPA I.D.			
	State Registration # (if applicable)			
Facility Operator Certifica	tion of Receipt of Materials Covered by this Mani	ifest		
Facility Authorized Agent (Print)	Signature	Date		