

6101 Holiday Hill Road Midland, TX 79707 (432) 687-1777 (432) 687-1570 (FAX)

July 19, 2017

Crystal Weaver Environmental Specialist OCD – Artesia District II 811 S. 1st Street Artesia, NM 88210 James Amos Supervisory Petroleum Engineering Tech Bureau of Land Management 620 East Greene Street Carlsbad, NM 88220-6292

Closure request: El Paso Federal No 12 Spill and Potential Oil Theft, API No. 30-015-30634

Ms. Weaver and Mr. Amos,

Incident Description

On March 25, 2017 a spill was discovered at Fasken's El Paso Federal No. 12 Battery by Fasken personnel arriving for routine daily work. At the time of discovery, oil staining was present on the tanks and catwalks, inside the firewall around two oil tanks, on the firewall, and a small area just outside the firewall in the drive area on the pad. According to Fasken production records, 31 barrels of crude oil was missing. No recoverable oil was present and no produced water was released. The area affected by the spilled crude oil was immediately determined to be too small for the volume of crude oil missing. The New Mexico OCD Artesia District office was notified via phone on March 25thin the late afternoon. A form C-141 was submitted to Mike Bratcher on March 28th via electronic mail. After additional internal investigation, Fasken also reported the loss to New Mexico law enforcement as a theft. See attached pictures of spill upon discovery.

Spill Response

On March 30th, Fasken Environmental Coordinator Aaron Pachlhofer supervised a work crew and a backhoe on site to perform an immediate response to stabilize and clean up the release. All affected soils were removed from around the two affected tanks until visually and olfactorally clean. However, the affected soil were not removed from under the tanks since the tanks are in service and cannot be moved. The affected section of the firewall was completely removed until level with the pad. The small affected area on the pad was scraped until it appears clean. All materials removed were placed on 20-mil thick plastic on the eastern edge of the pad edge of the pad. Fasken estimates the volume of the stockpile at about 20 cubic yards. Two samples were collected around the tanks and one sample was collected from the pad area. A sample was not collected from the firewall since it was fully removed. The stockpile was not sampled; instead it was scheduled to be sampled 90 days after excavation.

After materials were removed and stockpiled, the excavated portion of the firewall was replaced with new, clean soil that was already stockpiled on site. The interior of the firewall around the tanks was backfilled with new pea gravel after sample analysis was received and no further material needed to be removed around the tanks.

Sample Results

Sample results after the initial removal were:

	Benzene	Total BTEX	TPH
S-1	< 0.0220	< 0.154	222.96
S-2	< 0.0220	< 0.154	795.82
S-3 (PAD)	< 0.0208	1.461	4385

After receipt of the analytical results, Mike Bratcher agreed to allow Fasken to re-sample S-3 (Pad) in order to confirm the concentration remaining on the drive area of the pad. On May 31, 2017, Aaron Pachlhofer collected a new sample from the pad area; and the stockpile was also sampled at this time.

Confirmation and stockpile sample results were:

	Benzene	Total BTEX	TPH
PAD Confirmation	< 0.0208	< 0.154	661.8
Stockpile	< 0.0106	0.0052	2185.3

Please note all results in mg/kg and that since no produced water was spilled, chloride analysis was not requested. See attached lab reports.

Conclusions

- 1. This spill was likely the result of a theft of crude oil. Fasken personnel concluded that the volume of oil missing did not correlate with area affected by the crude oil that was spilled. Fasken asserts that if the full 31 barrels of the amount of oil had been spilled into the firewall of the battery, a much larger volume of soil would have been removed in the initial response.
- 2. According to the sample analysis, the initial response was appropriate to address the spilled oil. Three separate samples show any remaining crude oil below 1,000 mg/kg. Some crude oil remains beneath two oil tanks at the battery, since they are in service and could not be moved during response activities.
- 3. The stockpile that remains at the battery contains a low concentration of TPH, but should be ready for re-use as needed by Fasken personnel.

Recommendations

- 1. Fasken recommends no further action for this spill be taken until the battery is decommissioned or the oil tanks are removed from service at which time any contaminated soil can be removed from beneath the tanks.
- 2. Fasken recommends that the stockpile be released for re-use for firewall or road repair.

If there are any questions or comments, please do not hesitate to contact Aaron Pachlhofer at the letterhead address or 432-687-1777 or aaronp@forl.com.

Thank You,

Aaron Pachlhofer

Attachments: Photographs Laboratory Reports



Spill upon arrival





Spill upon arrival, backside of battery



Spill on arrival, between tanks from backside



Removing affected soils



Removing firewall



Firewall removed, affected soils mostly removed



Firewall removed, affected soils mostly removed



Firewall and fence replaced





Soil stockpile with El Paso Federal 12 battery in the background

PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Aaron Pachlhofer
Fasken Oil & Ranch, Ltd.
6101 Holiday Hill Road
Midland, TX 79707

Project: El Paso Federal #12
Project Number: [none]
Location: Eddy County, NM

Lab Order Number: 7C31012



NELAP/TCEQ # T104704156-16-6

Report Date: 04/07/17

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	7C31012-01	Soil	03/30/17 13:35	03-31-2017 11:52
S-2	7C31012-02	Soil	03/30/17 13:40	03-31-2017 11:52
S-3 (Pad)	7C31012-03	Soil	03/30/17 13:45	03-31-2017 11:52

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

S-1 7C31012-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
	Perm	nian Basin E	Environme	ntal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.0220	mg/kg dry	20	P7D0503	04/03/17	04/03/17	EPA 8021B	
Toluene	ND	0.0440	mg/kg dry	20	P7D0503	04/03/17	04/03/17	EPA 8021B	
Ethylbenzene	ND	0.0220	mg/kg dry	20	P7D0503	04/03/17	04/03/17	EPA 8021B	
Xylene (p/m)	ND	0.0440	mg/kg dry	20	P7D0503	04/03/17	04/03/17	EPA 8021B	
Xylene (o)	ND	0.0220	mg/kg dry	20	P7D0503	04/03/17	04/03/17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		82.8 %	75-1	25	P7D0503	04/03/17	04/03/17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		91.6 %	75-1	25	P7D0503	04/03/17	04/03/17	EPA 8021B	
C6-C12	30.879	27.473	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C12-C28	138.98	27.473	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C28-C35	53.099	27.473	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: 1-Chlorooctane		105 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: o-Terphenyl		103 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Total Hydrocarbon nC6-nC35	222.96	27.473	mg/kg dry	1	[CALC]	04/05/17	04/06/17	[CALC]	
General Chemistry Parameters by El	PA / Standard Method	s							
% Moisture	9.0	0.1	%	1	P7D0301	04/03/17	04/03/17	% calculation	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

S-2 7C31012-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
y			Environme				<i>y</i> 200	3.22.330	11000
Organics by GC				,					
Benzene	ND	0.0215	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Toluene	ND	0.0430	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Ethylbenzene	ND	0.0215	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Xylene (p/m)	ND	0.0430	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Xylene (o)	ND	0.0215	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		97.6 %	75-1	25	P7D0503	04/03/17	04/04/17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		89.4 %	75-1	25	P7D0503	04/03/17	04/04/17	EPA 8021B	
C6-C12	184.08	26.882	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C12-C28	531.51	26.882	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C28-C35	80.237	26.882	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: 1-Chlorooctane		101 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: o-Terphenyl		99.1 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Total Hydrocarbon nC6-nC35	795.82	26.882	mg/kg dry	1	[CALC]	04/05/17	04/06/17	[CALC]	
General Chemistry Parameters by EP	A / Standard Methods								
% Moisture	7.0	0.1	%	1	P7D0301	04/03/17	04/03/17	% calculation	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

S-3 (Pad) 7C31012-03 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Pern	nian Basin I	Environme	ntal Lab, l	L.P.				
Organics by GC									
Benzene	ND	0.0208	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Toluene	ND	0.0417	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Ethylbenzene	0.194	0.0208	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Xylene (p/m)	0.846	0.0417	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Xylene (o)	0.421	0.0208	mg/kg dry	20	P7D0503	04/03/17	04/04/17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		74.5 %	75-1	25	P7D0503	04/03/17	04/04/17	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		90.4 %	75-1	25	P7D0503	04/03/17	04/04/17	EPA 8021B	
C6-C12	629.52	26.042	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C12-C28	3316.6	26.042	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
>C28-C35	438.93	26.042	mg/kg dry	1	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: 1-Chlorooctane		104 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Surrogate: o-Terphenyl		98.4 %	70-1	30	P7D0609	04/05/17	04/06/17	TX 1005	
Total Hydrocarbon nC6-nC35	4385	26.042	mg/kg dry	1	[CALC]	04/05/17	04/06/17	[CALC]	
General Chemistry Parameters by EI	PA / Standard Method	ls							
% Moisture	4.0	0.1	%	1	P7D0301	04/03/17	04/03/17	% calculation	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Blank (P7D0503-BLK1)				Prepared &	Analyzed:	04/03/17				
Benzene	ND	0.00100	mg/kg wet	1						
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0583		"	0.0600		97.1	75-125			
Surrogate: 4-Bromofluorobenzene	0.0505		"	0.0600		84.1	75-125			
LCS (P7D0503-BS1)				Prepared &	Analyzed:	: 04/03/17				
Benzene	0.0924	0.00100	mg/kg wet	0.100		92.4	70-130			
Toluene	0.0872	0.00200	"	0.100		87.2	70-130			
Ethylbenzene	0.0855	0.00100	"	0.100		85.5	70-130			
Xylene (p/m)	0.180	0.00200	"	0.200		90.1	70-130			
Xylene (o)	0.0865	0.00100	"	0.100		86.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0655		"	0.0600		109	75-125			
Surrogate: 1,4-Difluorobenzene	0.0629		"	0.0600		105	75-125			
LCS Dup (P7D0503-BSD1)				Prepared &	Analyzed:	04/03/17				
Benzene	0.0991	0.00100	mg/kg wet	0.100		99.1	70-130	7.01	20	
Toluene	0.0826	0.00200	"	0.100		82.6	70-130	5.49	20	
Ethylbenzene	0.0802	0.00100	"	0.100		80.2	70-130	6.35	20	
Xylene (p/m)	0.168	0.00200	"	0.200		83.9	70-130	7.10	20	
Xylene (o)	0.0761	0.00100	"	0.100		76.1	70-130	12.8	20	
Surrogate: 1,4-Difluorobenzene	0.0607		"	0.0600		101	75-125			
Surrogate: 4-Bromofluorobenzene	0.0531		"	0.0600		88.5	75-125			
Matrix Spike (P7D0503-MS1)	Sour	ce: 7D03003	3-01	Prepared &	Analyzed:	04/03/17				
Benzene	0.0924	0.00101	mg/kg dry	0.101	ND	91.5	80-120			
Toluene	0.0754	0.00202	"	0.101	ND	74.7	80-120			QM-07
Ethylbenzene	0.0623	0.00101	"	0.101	ND	61.6	80-120			QM-07
Xylene (p/m)	0.118	0.00202	"	0.202	ND	58.3	80-120			QM-07
Xylene (o)	0.0585	0.00101	"	0.101	ND	57.9	80-120			QM-07
Surrogate: 4-Bromofluorobenzene	0.0561		"	0.0606		92.6	75-125			
Surrogate: 1,4-Difluorobenzene	0.0613		"	0.0606		101	75-125			

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P7D0503 - General Preparation (GC)										
Matrix Spike Dup (P7D0503-MSD1)	Soi	urce: 7D03003	3-01	Prepared &	z Analyzed:	04/03/17				
Benzene	0.116	0.00101	mg/kg dry	0.101	ND	115	80-120	22.6	20	F
Toluene	0.0802	0.00202	"	0.101	ND	79.4	80-120	6.12	20	QM-0
Ethylbenzene	0.0597	0.00101	"	0.101	ND	59.1	80-120	4.21	20	QM-0
Xylene (p/m)	0.120	0.00202	"	0.202	ND	59.2	80-120	1.65	20	QM-0
Xylene (o)	0.0597	0.00101	"	0.101	ND	59.2	80-120	2.07	20	QM-0
Surrogate: 4-Bromofluorobenzene	0.0608		"	0.0606		100	75-125			
Surrogate: 1,4-Difluorobenzene	0.0681		"	0.0606		112	75-125			
Batch P7D0609 - TX 1005										
Blank (P7D0609-BLK1)				Prepared: (04/05/16 A	nalyzed: 04	/05/17			
C6-C12	ND	25.000	mg/kg wet							
>C12-C28	ND	25.000	"							
>C28-C35	ND	25.000	"							
Surrogate: 1-Chlorooctane	108		"	100		108	70-130			
Surrogate: o-Terphenyl	53.2		"	50.0		106	70-130			
LCS (P7D0609-BS1)				Prepared: (04/05/16 At	nalyzed: 04	/05/17			
C6-C12	1000	25.000	mg/kg wet	1000		100	75-125			
>C12-C28	942	25.000	"	1000		94.2	75-125			
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	50.3		"	50.0		101	70-130			
LCS Dup (P7D0609-BSD1)				Prepared: (04/05/16 A	nalyzed: 04	/05/17			
C6-C12	1010	25.000	mg/kg wet	1000		101	75-125	0.511	20	
>C12-C28	938	25.000	"	1000		93.8	75-125	0.401	20	
Surrogate: 1-Chlorooctane	106		"	100		106	70-130			
Surrogate: o-Terphenyl	48.7		"	50.0		97.4	70-130			

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P7D0609 - TX 1005										
Matrix Spike (P7D0609-MS1)	Sour	ce: 7D05001	-01	Prepared: (04/05/16 A	nalyzed: 04	/06/17			
C6-C12	761	25.510	mg/kg dry	1020	36.5	71.0	75-125			QM-0
>C12-C28	1070	25.510	"	1020	796	26.6	75-125			QM-0
Surrogate: 1-Chlorooctane	100		"	102		98.0	70-130			
Surrogate: o-Terphenyl	46.2		"	51.0		90.5	70-130			
Matrix Spike Dup (P7D0609-MSD1)	Sour	ce: 7D05001	-01	Prepared: (04/05/16 A	nalyzed: 04	/06/17			
C6-C12	786	25.510	mg/kg dry	1020	36.5	73.5	75-125	3.43	20	QM-0
>C12-C28	1070	25.510	"	1020	796	27.2	75-125	2.01	20	QM-0
Surrogate: 1-Chlorooctane	100		"	102		98.1	70-130			
Surrogate: o-Terphenyl	45.9		"	51.0		89.9	70-130			

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P7D0301 - *** DEFAULT PREP ***										
Blank (P7D0301-BLK1)				Prepared &	: Analyzed:	04/03/17				
% Moisture	ND	0.1	%							
Duplicate (P7D0301-DUP1)	Sour	ce: 7C31003-	11	Prepared &	: Analyzed:	04/03/17				
% Moisture	7.0	0.1	%		7.0			0.00	20	
Duplicate (P7D0301-DUP2)	Sour	ce: 7C31008-	06	Prepared &	: Analyzed:	04/03/17				
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P7D0301-DUP3)	Sour	ce: 7C31012-	03	Prepared &	: Analyzed:	04/03/17				
% Moisture	4.0	0.1	%		4.0			0.00	20	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

	Drew	Darron			
Report Approved By:			Date:	4/7/2017	

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

	Relinquished by:		Relinquished by:		Relinguished by		Special Instructions:								23	43	2	LAB # (lab use only)	ORDER # 7031017	NA TOP			·				
	hed by:		hed by:	100 oy.	hed by		Instruc												# 1	OBIN	Sampler Signature:	Telep	City/State/Zip:	Company Address:	Company Name	Proje	
				198			tions:						-						る。		oler S	Telephone No:	State/	pany	pany	Project Manager:	
					٦														31		igna	No:	Zip:	Addr	Nam	anag	
				£ 1			-								လှ						ture:			ess:	Ō	e.	Ġ
				er.											S-3 (Pad)	S-2	<u>S-1</u>	FIELD CODE	7		İ	432	Midi		Fas	Aaro	Ū
				ı											ā,			DE				432-687-1777	Midland, TX 79707	6101 Holiday Hill Road	Fasken Oil and Ranch, Ltd	Aaron Pachlhofer	
			4	<u></u>	4															1		1777	TX 78	day F)il and	chlho	
	, D		Date	`) `		707	i≞ R	Ran	र्हें	
,	Date		ë	<u>)</u>	Date																\setminus)ad	ich, L		
					1													Beginning Depth	7						E.	}	
	Time		Time	17:5%	me l			·										Ending Depth		9	1						
100	교			<u> </u>															4		1]			
N	Received by PBEL:	-	Received by:	received by.	2000										3/30/2017	3/30/2017	3/30/2017	Date Sampled			\mathbb{R}						
/ 1.1	B		d by:	, cy	5. ?										201	201	201	Date Sampleu) -		
۲	置	1											. 1		7	7	7		1			. 1		-			
\mathbf{X}	X		ŀ		İ										13	13	13	Time Sampled			_	и . П					
١	1														13:45	13:40	13:35	Time Sampled			e-mail:	Fax No:					
	\setminus	1														-	<u> </u>	Field Filtered	-		#	<u> </u>				=	-> TD
	\cap											-				_		Total #. of Containers	1		ည္လ	43				Midland, Texas 79706	Permian Basin Environmental Lab, LP 10014 S. County Road 1213
		•			ŀ							:		·	×	×	×	Ice			aaronp@forl.com	432-687-1570					an B
			İ															HNO₃	reser		<u>@</u>	7-15				exa	asin Youn
	1											-						HCI	Preservation &		orl.c	0				s 79	Ēγ. R
																<u> </u>	_	H₂SO₄ NaOH			B					706	ronn
													-					Na ₂ S ₂ O ₃	# of Containers								nenta
W			1															None	tainer								al La
3	pate		Date	' <u>ç</u>				·										Other (Specify)				l					, <u>F</u>
31/17	е —		0		Ď													DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid	ĭ Sa			ZD					
7 7		·····	\dashv		+										S	S	S	NP=Non-Potable Specify Other	Matrix			epor		-		P	
当のク	Time		Time											:	×	×	×	TPH: 418.1 8015M 80	15B	T]	Report Format:		Project Loc:	Pro	Project Name:	
									ļ			i i						TPH: <u>TX 1005</u> TX 1006				mat:	PO #:	ct Lc	Project #:	Nam	
Adjusted: 2	Temperatüre Upon Receipt:	5 6	Sample Hand Delivered	Custody seals on container(s) Custody seals on container(s)	Voos Hee of Headspace:	Sample Containers Intact? VOCs Free of Headsnace?	Labc				-				<u> </u>	_		Cations (Ca, Mg, Na, K)	_			×	.# 	ς Im	# 		
ted.	perat	by Sampler/Client Rep.	ole H	ody's	6 - 3 - 6 -	on C	Laboratory Comments:	<u> </u>	-							-	-	Anions (<u>Cl</u> , SO4, Alkalinity) SAR / ESP / CEC	TOTAL:	1			- -	Eddy County, NM		El Paso	
٦	5	mple:	and	eals	ე (ე <u>(</u>		ŋС									\vdash		Metals: As Ag Ba Cd Cr Pb Hg		٦.		Standard		Cou			身
\Box	Jpor	/Clie	Deli				nmo									<u> </u>		Volatiles		Analyze		ard.		nty, I		Fed	one:
	Re	Int Rep	vere		den		nent											Semivolatiles			ļ .			M		eral	43
င္ပံ င	ceip	လမ္	<u>а</u> (ainei	300		S.								×	×	×	BTEX_8021B/5030 or BTEX 82	60	- F _G						Federal #12	Phone: 432-686-7235
acto	•	₽.`		(s)														RCI			1	TRRP					6-72
。C Factor (人) トレ																		N.O.R.M.				Å.			,		235
7	-	Feet (\mathcal{N}	7						_					<u> </u>	<u> </u>	Glycol		4	1						
\subseteq	-	ζ^	Υ,		٩.												<u> </u>			-						}	
		one z	z	z	z 7	2 2		-						-	-			RUSH TAT (Pre-Schedule) 24,	48 72 h			NPDES			ľ		
		ne Star												i	×	×	×	Standard TAT	70, 74 1118	-	1	છ		_	Dan	e 11 d	of 4.4
	unii M	e amount still	::::::::::::::::::::::::::::::::::::::	0068 (31°57) 8888	100 0000000000000000000000000000000000	: 1976 88 8	SSEC. CO. (1)	1				. 1		i .	· · ·				1				1		-20		

PERMIAN BASIN ENVIRONMENTAL LAB, LP 1400 Rankin Hwy Midland, TX 79701



Analytical Report

Prepared for:

Aaron Pachlhofer Fasken Oil & Ranch, Ltd. 6101 Holiday Hill Road Midland, TX 79707

Project: El Paso Federal #12
Project Number: [none]
Location: Eddy Co NM

Lab Order Number: 7F01006



NELAP/TCEQ # T104704516-16-7

Report Date: 06/09/17

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Pad Confirmation	7F01006-01	Soil	05/31/17 12:24	06-01-2017 12:09
Stockpile	7F01006-02	Soil	05/31/17 12:30	06-01-2017 12:09

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Pad Confirmation 7F01006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Perm	ian Basin E	Environme	ıtal Lab, l	P.				
Organics by GC									
Benzene	ND	0.0202	mg/kg dry	20	P7F0703	06/01/17	06/02/17	EPA 8021B	
Toluene	ND	0.0404	mg/kg dry	20	P7F0703	06/01/17	06/02/17	EPA 8021B	
Ethylbenzene	ND	0.0202	mg/kg dry	20	P7F0703	06/01/17	06/02/17	EPA 8021B	
Xylene (p/m)	ND	0.0404	mg/kg dry	20	P7F0703	06/01/17	06/02/17	EPA 8021B	
Xylene (o)	ND	0.0202	mg/kg dry	20	P7F0703	06/01/17	06/02/17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		73.6 %	75-1	25	P7F0703	06/01/17	06/02/17	EPA 8021B	S-GC
Surrogate: 1,4-Difluorobenzene		86.7 %	75-1	25	P7F0703	06/01/17	06/02/17	EPA 8021B	
C6-C12	ND	126.26	mg/kg dry	5	P7F0501	06/05/17	06/09/17	TX 1005	
>C12-C28	508.4	126.26	mg/kg dry	5	P7F0501	06/05/17	06/09/17	TX 1005	
>C28-C35	161.4	126.26	mg/kg dry	5	P7F0501	06/05/17	06/09/17	TX 1005	
Surrogate: 1-Chlorooctane		121 %	70-1	30	P7F0501	06/05/17	06/09/17	TX 1005	
Surrogate: o-Terphenyl		115 %	70-1	30	P7F0501	06/05/17	06/09/17	TX 1005	
Total Hydrocarbon nC6-nC35	669.8	126.26	mg/kg dry	5	[CALC]	06/05/17	06/09/17	[CALC]	
General Chemistry Parameters by EP	A / Standard Method	s							
% Moisture	1.0	0.1	%	1	P7F0503	06/05/17	06/05/17	ASTM D2216	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Stockpile 7F01006-02 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes						
Analyte	Result	Lillit	Units	Dilution	Dateii	ricpared	Allalyzeu	Mctilou	notes						
	Perm	nian Basin E	invironmer	ıtal Lab, l	L .P.										
Organics by GC															
Benzene	nene ND 0.00213 mg/kg dry 1 P7F0702 06/01/17 06/01/17 EPA 8021B v/lbenzene ND 0.00106 mg/kg dry 1 P7F0702 06/01/17 06/01/17 EPA 8021B ene (p/m) ND 0.00213 mg/kg dry 1 P7F0702 06/01/17 06/01/17 EPA 8021B														
Toluene	ND	0.00213	mg/kg dry	1	P7F0702	06/01/17	06/01/17	EPA 8021B							
Ethylbenzene	ND	0.00106	mg/kg dry	1	P7F0702	06/01/17	06/01/17	EPA 8021B							
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P7F0702	06/01/17	06/01/17	EPA 8021B							
Xylene (o)	0.00520	0.00106	mg/kg dry	1	P7F0702	06/01/17	06/01/17	EPA 8021B							
Surrogate: 4-Bromofluorobenzene		113 %	75-1	25	P7F0702	06/01/17	06/01/17	EPA 8021B							
Surrogate: 1,4-Difluorobenzene		90.5 %	75-1	25	P7F0702	06/01/17	06/01/17	EPA 8021B							
C6-C12	75.372	26.596	mg/kg dry	1	P7F0501	06/05/17	06/08/17	TX 1005							
>C12-C28	1786.8	26.596	mg/kg dry	1	P7F0501	06/05/17	06/08/17	TX 1005							
>C28-C35	323.12	26.596	mg/kg dry	1	P7F0501	06/05/17	06/08/17	TX 1005							
Surrogate: 1-Chlorooctane		117 %	70-1	30	P7F0501	06/05/17	06/08/17	TX 1005							
Surrogate: o-Terphenyl		136 %	70-1	30	P7F0501	06/05/17	06/08/17	TX 1005	S-GC						
Total Hydrocarbon nC6-nC35	2185.3	26.596	mg/kg dry	1	[CALC]	06/05/17	06/08/17	[CALC]							
General Chemistry Parameters by EPA	\ / Standard Method	ls													
% Moisture	6.0	0.1	%	1	P7F0503	06/05/17	06/05/17	ASTM D2216							

Fasken Oil & Ranch, Ltd. Project: El Paso Federal #12

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P7F0501 - TX 1005										
Blank (P7F0501-BLK1)				Prepared: (06/05/17 A	nalyzed: 06	5/07/17			
C6-C12	ND	25.000	mg/kg wet							
>C12-C28	ND	25.000	"							
>C28-C35	ND	25.000	"							
Surrogate: 1-Chlorooctane	92.1		"	100		92.1	70-130			
Surrogate: o-Terphenyl	47.2		"	50.0		94.4	70-130			
LCS (P7F0501-BS1)				Prepared: (06/05/17 A	nalyzed: 06	5/07/17			
C6-C12	813	25.000	mg/kg wet	1000		81.3	75-125			
>C12-C28	872	25.000	"	1000		87.2	75-125			
Surrogate: 1-Chlorooctane	99.9		"	100		99.9	70-130			
Surrogate: o-Terphenyl	42.7		"	50.0		85.5	70-130			
LCS Dup (P7F0501-BSD1)				Prepared: (06/05/17 A	nalyzed: 06	5/07/17			
C6-C12	817	25.000	mg/kg wet	1000		81.7	75-125	0.553	20	
>C12-C28	961	25.000	"	1000		96.1	75-125	9.75	20	
Surrogate: 1-Chlorooctane	110		"	100		110	70-130			
Surrogate: o-Terphenyl	46.5		"	50.0		92.9	70-130			
Matrix Spike (P7F0501-MS1)	Sou	rce: 7F01004	l-06	Prepared: (06/05/17 A	nalyzed: 06	5/08/17			
C6-C12	850	25.510	mg/kg dry	1020	ND	83.3	75-125			
>C12-C28	1080	25.510	"	1020	ND	106	75-125			
Surrogate: 1-Chlorooctane	133		"	102		130	70-130			
Surrogate: o-Terphenyl	55.1		"	51.0		108	70-130			
Matrix Spike Dup (P7F0501-MSD1)	Sou	rce: 7F01004	l-06	Prepared: (06/05/17 A	nalyzed: 06	5/08/17			
C6-C12	865	25.510	mg/kg dry	1020	ND	84.7	75-125	1.68	20	
>C12-C28	1090	25.510	"	1020	ND	107	75-125	0.917	20	
Surrogate: 1-Chlorooctane	129		"	102		126	70-130			
Surrogate: o-Terphenyl	49.0		"	51.0		96.0	70-130			

Fax: 43-687-1570

Fax: 43-687-1570 Fasken Oil & Ranch, Ltd. Project: El Paso Federal #12

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

0.0570

Organics by GC - Quality Control Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	LIIIIt	Units	Level	Resuit	70KEC	Lillits	KPD	Lillit	Notes
Batch P7F0702 - General Preparation (GC)										
Blank (P7F0702-BLK1)				Prepared &	Analyzed:	06/01/17				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	0.0589		"	0.0600		98.1	75-125			
Surrogate: 1,4-Difluorobenzene	0.0534		"	0.0600		89.0	75-125			
LCS (P7F0702-BS1)				Prepared &	Analyzed:	06/01/17				
Benzene	0.121	0.00100	mg/kg wet	0.100		121	70-130			
Toluene	0.111	0.00200	"	0.100		111	70-130			
Ethylbenzene	0.111	0.00100	"	0.100		111	70-130			
Xylene (p/m)	0.204	0.00200	"				70-130			
Xylene (o)	0.111	0.00100	"				70-130			
Surrogate: 1,4-Difluorobenzene	0.0583		"	0.0600		97.2	75-125			
Surrogate: 4-Bromofluorobenzene	0.0597		"	0.0600		99.6	75-125			
LCS Dup (P7F0702-BSD1)				Prepared &	Analyzed:	06/01/17				
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130	1.25	20	
Toluene	0.107	0.00200	"	0.100		107	70-130	4.14	20	
Ethylbenzene	0.115	0.00100	"	0.100		115	70-130	3.60	20	
Xylene (p/m)	0.201	0.00200	"				70-130		20	
Xylene (o)	0.104	0.00100	"				70-130		20	
Surrogate: 4-Bromofluorobenzene	0.0562		"	0.0600		93.7	75-125			
Surrogate: 1,4-Difluorobenzene	0.0557		"	0.0600		92.9	75-125			
Matrix Spike (P7F0702-MS1)	Sou	ırce: 7E31004	-01	Prepared &	Analyzed:	06/01/17				
Benzene	0.0608	0.00103	mg/kg dry	0.103	ND	59.0	80-120			QM-0
Toluene	0.0531	0.00206	"	0.103	ND	51.5	80-120			QM-0
Ethylbenzene	0.0573	0.00103	"	0.103	ND	55.6	80-120			QM-0
Xylene (p/m)	0.119	0.00206	"		ND		80-120			
Xylene (o)	0.0625	0.00103	"		ND		80-120			
Surrogate: 4-Bromofluorobenzene	0.0619		"	0.0619		100	75-125			

Surrogate: 1,4-Difluorobenzene

92.1

75-125

0.0619

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1 Mary C	Result	Lillit	Omto	Level	Result	/0KLC	Liiiits	МЪ	Dillit	110103
Batch P7F0702 - General Preparation (GC)									
Matrix Spike Dup (P7F0702-MSD1)	Sou	rce: 7E31004	-01	Prepared &	Analyzed:	06/01/17				
Benzene	0.0580	0.00103	mg/kg dry	0.103	ND	56.3	80-120	4.72	20	QM-0
Toluene	0.0539	0.00206	"	0.103	ND	52.3	80-120	1.50	20	QM-0
Ethylbenzene	0.0571	0.00103	"	0.103	ND	55.4	80-120	0.252	20	QM-0
Xylene (p/m)	0.112	0.00206	"		ND		80-120		20	
Xylene (o)	0.0556	0.00103	"		ND		80-120		20	
Surrogate: 1,4-Difluorobenzene	0.0591		"	0.0619		95.6	75-125			
Surrogate: 4-Bromofluorobenzene	0.0607		"	0.0619		98.1	75-125			
Batch P7F0703 - General Preparation (GC)									
Blank (P7F0703-BLK1)				Prepared: (06/01/17 A	nalyzed: 06	/02/17			
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00200	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	0.0516		"	0.0600		86.0	75-125			
Surrogate: 4-Bromofluorobenzene	0.0547		"	0.0600		91.2	75-125			
LCS (P7F0703-BS1)				Prepared &	Analyzed:	06/01/17				
Benzene	0.120	0.00100	mg/kg wet	0.100		120	70-130			
Toluene	0.107	0.00200	"	0.100		107	70-130			
Ethylbenzene	0.116	0.00100	"	0.100		116	70-130			
Xylene (p/m)	0.199	0.00200	"				70-130			
Xylene (o)	0.108	0.00100	"				70-130			
Surrogate: 4-Bromofluorobenzene	0.0592		"	0.0600		98.6	75-125			
Surrogate: 1,4-Difluorobenzene	0.0604		"	0.0600		101	75-125			

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P7F0703 - General Preparation (GC)										
LCS Dup (P7F0703-BSD1)				Prepared: 0	06/01/17 A	nalyzed: 06	/02/17			
Benzene	0.119	0.00100	mg/kg wet	0.100		119	70-130	0.343	20	
Toluene	0.107	0.00200	"	0.100		107	70-130	0.149	20	
Ethylbenzene	0.116	0.00100	"	0.100		116	70-130	0.423	20	
Xylene (p/m)	0.199	0.00200	"				70-130		20	
Xylene (o)	0.105	0.00100	"				70-130		20	
Surrogate: 1,4-Difluorobenzene	0.0613		"	0.0600		102	75-125			
Surrogate: 4-Bromofluorobenzene	0.0604		"	0.0600		101	75-125			
Duplicate (P7F0703-DUP1)	Sou	rce: 7F01009	-02	Prepared: 0	06/01/17 A	nalyzed: 06	/02/17			
Benzene	ND	0.0208	mg/kg dry		ND				20	
Toluene	ND	0.0417	"		ND				20	
Ethylbenzene	ND	0.0208	"		ND				20	
Xylene (p/m)	ND	0.0417	"		ND				20	
Xylene (o)	ND	0.0208	"		ND				20	
Surrogate: 1,4-Difluorobenzene	0.0550		"	0.0625		88.0	75-125			
Surrogate: 4-Bromofluorobenzene	0.0516		"	0.0625		82.5	75-125			

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

General Chemistry Parameters by EPA / Standard Methods - Quality Control Permian Basin Environmental Lab, L.P.

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch P7F0503 - *** DEFAULT PREP ***										
Blank (P7F0503-BLK1)				Prepared &	Analyzed:	06/05/17				
% Moisture	ND	0.1	%							
Blank (P7F0503-BLK2)				Prepared &	: Analyzed:	06/05/17				
% Moisture	ND	0.1	%							
Blank (P7F0503-BLK3)				Prepared &	: Analyzed:	06/05/17				
% Moisture	ND	0.1	%							
Duplicate (P7F0503-DUP1)	Sour	ce: 7E31012-	30	Prepared &	Analyzed:	06/05/17				
% Moisture	9.0	0.1	%		10.0			10.5	20	
Duplicate (P7F0503-DUP2)	Sour	ce: 7E31013-	17	Prepared &	Analyzed:	06/05/17				
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P7F0503-DUP3)	Sour	rce: 7F01007-2	20	Prepared &	Analyzed:	06/05/17				
% Moisture	11.0	0.1	%	-	11.0		-	0.00	20	
Duplicate (P7F0503-DUP4)	Sour	ce: 7F01007-	1 7	Prepared &	: Analyzed:	06/05/17				
% Moisture	5.0	0.1	%		5.0			0.00	20	

6101 Holiday Hill Road Project Number: [none]

Midland TX, 79707 Project Manager: Aaron Pachlhofer

Notes and Definitions

S-GC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.

QM-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were

within acceptance limits showing that the laboratory is in control and the data is acceptable.

BULK Samples received in Bulk soil containers

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

	Drew	Davier C			
Report Approved By:			Date:	6/9/2017	

Brent Barron, Laboratory Director/Technical Director

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-686-7235.



:	Relinquished by:	Relinquished by:	Relinquished by: Aaron Pachlhofer	Special In									ζ	.,,	LAB # (lab use only)	(lab use only) ORDER #:		60				•	-	
	ed by:	bd by:	nlhofer	Special Instructions:												2		Sampler Signature:	Telephone No:	City/State/Zip:	Company Address:	Company Name	Project Manager:	
		ļ		<u>.</u>									St	Pad C	TE	0100lp		nature:	<u>6</u>	Ö.	dress:	ame	ager:	
													Stockpile	Pad Confirmation	FIELD CODE	Ó	/		432-687-1777	Midland, TX 79707	6101 Holiday Hill Road	Fasken Oil a	Aaron Pachlhofer	
	Date	Date	6/i/17																77	79707	y Hill Road	Fasken Oil and Ranch, Ltd	lhofer	
				-1	-							-			Beginning Depth							đ		
	Time	Time	17:42	!											Ending Depth							[[
	Received by PBEL	Received by:	Received by:						-				5/31/2017	5/31/2017	Date Sampled									Permian Basi 10014 S. Cou
) ·											12:30	12:24	Time Sampled			e-mail:	Fax No:					
										H				-	Field Filtered Total #. of Containers			<u> 20</u>	43				Midialid, Texas	Permian Basin Environmental Lab, LP 10014 S. County Road 1213
					-					${\sf T}$	†		×	×	Ice	17		aaronp@forl.com	432-687-1570				ا ا	an B
															HNO₃	Prese		<u>@</u>	7-15				exa	asin
															HCI	rvation &		<u> </u>	0					, ENA ENA
					L	<u> </u>			L	\sqcup		<u> </u>			H₂SO₄	n & .		òm	1		·		19700	iron loac
					<u> </u>	_	Ш			\perp	<u> </u>	<u> </u>		<u> </u>	NaOH	of C			1	1			ľ°	mer I 12
					_	_			<u> </u>	\sqcup		ļ	<u> </u>	_	Na ₂ S ₂ O ₃	of Containers			ľ			ŀ		3 ta
lei ei						<u> </u>		-	_	14	_	<u> </u>	_		None	ners			1	ŀ		1		Lab,
<u> </u>	Date	Date	Date				Ш	_		\vdash	╀	<u> </u>	<u> </u>	-	Other (Specify)	+-		,	Ι,	Ι.,	İ	!		F
	→	(U											S	S	DW=Drinking Water SL=Sludge GW = Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Matrix			Report Format:		ם.		Pro	
`~	₹ <u>₽</u>	Time	Time										×	×	TPH: 418.1 8015M 80)15B			Fon		roje	Pro	ject	
	(V)														TPH: TX 1005 TX 1006			ĺ	mat	PO #:	Project Loc: Eddy County, NM	Project #:	Project Name:	
Adjusted	Temperature /	San	St. Cas	Lab San				<u> . </u>							Cations (Ca, Mg, Na, K)					#	,ë	#		
Isle S	perature L	by S	els (tod) tod)	ora Se											Anions (CI, SO4, Alkalinity)		1		×		Edd			
:- }	a El	Ha	es/ Se	Co.											SAR / ESP / CEC	TCLP:			Standard		y Co		as	70
8	~ e g		als c	우혈 8											Metals: As Ag Ba Cd Cr Pb Hg	Se	₽		ndar		l <u>ä</u>		O TI	ňo
ے	, Jupon)eliv	3 3 5	mm Ters						П					Volatiles		ıaly;		<u>a</u>		, Z		ede	ne:
/		nple Hand Delivered by Sampler/Client Rep. ?	Labels on container(s) Custody seals on container(s) Custody seals on cooler(s)	Laboratory Comments: Sample Containers Intact? VOCs Free of Headspace?						\sqcap					Semivolatiles		۹nalyze For:				Z		El Paso Federal No.	Phone: 432-686-7235
' (ဂိ	Receipt:) 명 교	aine (S)	act?					-	1			×	×	BTEX 8021B/5030 or BTEX 82	260	9			1			o O	2-68
°C Factor	t. cur	2	r(s)	v						\sqcap					RCI	!	1					1	. 12	36-7
Ď.	, ř	Ξ			<u> </u>					1	1				N.O.R.M.		1		TRRP	1		l		7235
	3 7	·			 	\vdash		$\dagger \dashv$		+	+-		_		Glycol		1							01
4		((?	7	7.3	-			╂╌┤		H	 	 	\vdash	 	, y ;		1							
17	1 1	`	٧ب	\smile	<u> </u>	\vdash		┼╌┤		\vdash	-		 	-			1		그 Z			,		
1000000	\ c		ZZZ	zz		\vdash				₩	+		-		RUSH TAT (Pre-Schedule) 24,	48 72 hrs	Ч		NPDES	ľ				
<u> </u>			A							1 1	1					, .,, , ,, ,, ,, ,, ,,			1 + 1	1.0				
}	/	244				\vdash	╢			╫	 		×	×	Standard TAT	1			S			Pad	e 11	of 11