### Bratcher, Mike, EMNRD

From: Kimberly M. Wilson <kwilson@talonlpe.com>

**Sent:** Thursday, September 13, 2012 1:36 PM

**To:** Bratcher, Mike, EMNRD

Cc: dan.suniga@dvn.com; David Adkins
Subject: Snapping 2 State #4H 2RP-1280

**Attachments:** 20120913140347804.pdf; photo.jpg

Mr. Bratcher,

Please find attached the initial C-141, water depth, site maps and analytical data for the above reference site.

A third party, Banta, had done the excavation and our office went out to collect the confirmation samples. Can I get permission for them to backfill this excavation.

Thank you,

#### Kimberly M. Wilson

Environmental Scientist Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210 Office: 575.746.8768

Fax: 575.746.8905 Cell: 575.602.3826 Emergency: 866.742.0742 Email: <a href="mailto:kwilson@talonlpe.com">kwilson@talonlpe.com</a> Web: <a href="mailto:www.talonlpe.com">www.talonlpe.com</a>



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist

Staples Foundation for Learning Hall of Fame Recipient:2010 ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

### State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505

RECEIVED

Form C-141 Revised March 17, 1999

AUG 2 8 2012

Submit 2 Copies to appropriate

NMOCD ARTESIA

Revised March 17, 1999

Copies to appropriate of the inaccordance with Rulè 116 on back side of form side of form

OPERATOR	<del> </del>			Rele			and Co	rrective A	ction							
Name of Company Devon Energy				11011				_			nort		Final Report			
Artesia, NM 88211  Facility Name Snapping 2 State 4H  Facility Type Oil Well  Surface Owner  Mineral Owner  Location Of Release  APT_#30-015-297071  Lester Section Township 2 Section 31E 330  Feet from the FSL SE  NATURE OF Release SPILL  Volume of Release 20bils of Oil Volume Recovered 10bbls of Oil Volume R	Name of 0	Company	y Devon E	nergy				<u> </u>	<u></u>				<b>P</b>			
Facility Name   Snapping 2 State 4H   Facility Type   Oil Well							Telephone	No. 575-5	13-06	28						
Surface Owner																
Unit Letter   Section   Township   Range   26S   31E   330   Section   North/South Line   Feet from the   FSL   Section   Township   Range   26S   31E   Section   Sec	Facility N	ame Sna	ipping 2 St	ate 4H			racinty type Oil Well									
Unit Letter Section Township Range   Seet from the   South FSL   Feet from the   East/West Line   Country   Eddy    NATURE OF RELEASE    Volume of Release 30bbls of Oil   Volume Recovered   10bbls of Oil   Date and Hour of Discovery   08/22/12, 7:30am	Surface O	wner			Mineral	Owne	er									
NATURE OF RELEASE					LOCA	TIO	N OF RE	LEASE	İ	IPI#	30-0	15-2	09071			
Volume of Release SPIL   Volume of Release 20bbls of Oil   Date and Hour of Occurrence   Date and Hour of Discovery   08/22/12, 7:30am   Pate and Hour of Occurrence   Date and Hour of Discovery   08/22/12, 7:30am   Pate and Hour of Discovery   08/22/12, 8:45am   Pate and Pate and Hour of Discovery   08/22/12, 8:45am   Pate and Hour of Discovery   08/22/12, 7:30am   18/22/12, 7:30am   18/22/12		1			1		/South Line		1 _	est Line	, ,	,				
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Date and Hour of Occurrence   Date and Hour of Discovery   08/22/12, 7:30am   17YES, 7:30am	Type of Rele	ago SPILI			NAT	URE			toil I	Volume i	2 occupro	d 10h	als of Oil			
Was Immediate Notice Given?    Yes   No   Not Required			Overflow				Date and I	lour of Occurrenc		Date and						
Was a Watercourse Reached?  Yes No  If a Watercourse was Impacted, Describe Fully.*  N/A  Describe Cause of Problem and Remedial Action Taken.*  At the Snapping 2 State 4H battery, a miscommunication between two well watchmen led to the overflow of a frac tank, resulting in an oil spill of 20bls.  Describe Area Affected and Cleanup Action Taken.*  The day well watcher noticed that the well had loaded up and was not producing. He switched all of the production from the equipment to a frac tank in order to release pressure, so the well would began producing. Upon completion of his shift that evening, he notified the night well watcher of the changes. The night well watcher did not understand the instructions received and continued to monitor the production tanks. He was under the impression that his levels in the production tanks at the battery were fine, so he went to sleep. The night watchman web up in the morning to discover that the fine tank was overflowing. The overflow result in a spill of 15bbls of oil on the location and 5bbls of oil in the pasture off the side of location. A vacuum truck was able to recover 10bbls and return the oil to the oil tank. The Devon PIC has made arrangements to remove the oilly dirt and replace it.  I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regula	Was Immedia	ate Notice (		Yes [	equired	If YES, To		Mike Br								
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Signature: Gracie Bustamante  Printed Name: Gracie Bustamante  Title: Adm Field Support  Approval Date: SEP 1 0 2012 Expiration Date:	should their of	operations l	have failed to:	adequatel	y investigate and :	remedia	te contaminat	ion that pose a thr	reat to gr	ound water	r. surface	e water.	human health			
Signature: Gracie Bustamante  Printed Name: Gracie Bustamante  Title: Adm Field Support  Approval Date: SEP 1 0 2012 Expiration Date:	federal, state	nment, In a , or local la	addition, NMC iws and/or regi	DCD accepulations.	ptance of a C-141	report o	does not relie	ve the operator of	respons	ibility for o	complian	ce with	any other			
Printed Name: Gracie Bustamante  Approved by District Supervisioned By Mily Described.  Approval Date: SEP 10 2012 Expiration Date:								OIL CON	SERV	ATION	DIVIS	SION	,			
Title: Adm Field Support  Approval Date: SEP 1 0 2012 Expiration Date:	Signature: 4	acce Bustama	nte								<i>[]</i> .	,				
Attuched	Printed Name	e: Gracie E	Bustamante				Approved by	District Superv	Zigired	By 711/	1/4 <u>D</u>	KARTE	laste			
Attuched	Title: Adm I	Field Suppo	ort				Approval Da	te:SEP 102	012	Expiration	Date:					
Attack Additional Chest ICN	<u> </u>		<del></del>	5561							Attac	hed [	]			

\* Attach Additional Sheets If Necessary

Remediation per OCD Rules & **Guidelines. SUBMIT REMEDIATION** PROPOSAL NOT LATER THAN:

2RP-1280



## New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

closed) POD QQQ Depth Depth Water POD Number Code Subbasin County 64 16 4 Sec Tws Rng Y Distance Well Water Column C 03554 POD1 ED 2 1 4 01 26S 31E 620077 3549022 1412 1000 C 02090 FD 4 4 01 26S 31E 620329 3548533\* 1529 350 335 15

Average Depth to Water: 335 feet

> Minimum Depth: 335 feet

Maximum Depth: 335 feet

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 618804

Northing (Y): 3548410

Radius: 5000



Project Correspondence Sheet
☐ Field ☐ Office ☐ Reimbursement ☐ Proposal □ OK □ NM □ TX □ Other

Date:	Time:	Project Manager:										
Project Number:	I	4										
Project Name:												
Topic:												
Notes:												
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# Project Correspondence Sheet ☐ Field ☐ Office ☐ Reimbursement ☐ Proposal

□ NM □ TX □ Other □ OK Project Manager: Date: Time: Project Number: Project Name: Topic: Notes: S# 5 5 S 3 5 4 53 +51 25 Prepared by: Document must be Page \_\_\_\_ of \_\_\_\_ filed in Project File



September 11, 2012

DAVID ADKINS

**TALON** 

408 TEXAS AVE.

ARTESIA, NM 88210

RE: SNAPPING 2 # 4 H

Enclosed are the results of analyses for samples received by the laboratory on 09/05/12 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <a href="https://www.tceq.texas.gov/field/qa/lab\_accred\_certif.html">www.tceq.texas.gov/field/qa/lab\_accred\_certif.html</a>.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celego Freene

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TALON DAVID ADKINS 408 TEXAS AVE. ARTESIA NM, 88210 Fax To: (575) 746-8905

Received:

09/05/2012

Reported:

09/11/2012

Project Name:

SNAPPING 2 # 4 H

Project Number: Project Location: NONE GIVEN

Sampling Date:

09/05/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

P-2-26-31

Sample ID: S-1 (H202134-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP	_				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2012	ND	1.87	93.7	2.00	1.64	
Toluene*	<0.050	0.050	09/07/2012	ND	1.97	98.7	2.00	0.662	
Ethylbenzene*	0.056	0.050	09/07/2012	ND	2.04	102	2.00	0.320	
Total Xylenes*	0.412	0.150	09/07/2012	ND	6.68	111	6.00	0.794	
Surrogate: 4-Bromofluorobenzene (PIL)	105 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
Chforide	224	16.0	09/07/2012	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS		·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/10/2012	ND	173	86.3	200	10.1	
DRO >C10-C28	91.6	10.0	09/10/2012	ND	177	88.7	200	15.4	
Surrogate: 1-Chlorooctane	74.4	% 65.2-14	0				- metalot-		
Surrogate: 1-Chlorooctadecane	74.0	% 63.6-15	4						

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\*=Accredited Analyte

PLEASE NOTE: Liability and Damajes. Cardinal's Lability and clients exclude restoring for any client activities, whiching based in contract or tirt, shall be limited to the errors paid by client for analysis. All clients, including those for negligence and any other cause whitestervies that he described which his highly and cardinal within thing ((3)) clays after completion of the applicable service. In no event shall Cardinal he fields for highest or excessions aftering out of or related to the performance of the services hereunds by Cardinal, regarded of highest boundary, without tribution, business interruptions, loss of use, or loss of profits found by client in subsidering, affiliation or accessions aftering out of or related to the performance of the services hereunds of the services hereunds. Results relate only to the samples bloomly and the report of the services and the responsibility of the services of

Celey D. Keine



**TALON** DAVID ADKINS 408 TEXAS AVE. ARTESIA NM, 88210 (575) 746-8905 Fax To:

Received: Reported: 09/05/2012

09/11/2012

Project Name: Project Number: SNAPPING 2 # 4 H

Project Location:

NONE GIVEN P-2-26-31

Sampling Date:

09/05/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: S-2 (H202134-02)

BTEX 8021B	mg/l	(g	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/10/2012	ND	1.87	93.7	2.00	1.64	
Toluene*	<0.050	0.050	09/10/2012	ND	1.97	98.7	2.00	0.662	
Ethylbenzene*	<0.050	0.050	09/10/2012	ND	2.04	102	2.00	0.320	
Total Xylenes*	<0.150	0.150	09/10/2012	ND	6.68	111	6.00	0.794	
Surrogate: 4-Bromofluorobenzene (PIL	102 %	6 89.4-12	б					· · · · · · · · · · · · · · · · · · ·	
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/10/2012	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/10/2012	ND	173	86.3	200	10.1	
DRO >C10-C28	<10.0	10.0	09/10/2012	ND	177	88.7	200	15.4	
Surrogate: I-Chlorooctane	77.1 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	85.9 9	63.6-15	4						

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DAVID ADKINS
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Fax To: (575) 746-8905

Received:

09/05/2012

Reported:

09/11/2012

Project Name:

SNAPPING 2 # 4 H

Project Number: Project Location:

NONE GIVEN P-2-26-31 Sampling Date:

ling Date:

09/05/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: S-3 (H202134-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2012	ND	1.87	93.7	2.00	1.64	
Toluene*	<0.050	0.050	09/07/2012	ND	1.97	98.7	2.00	0.662	
Ethylbenzene*	<0.050	0.050	09/07/2012	ND	2.04	102	2.00	0.320	
Total Xylenes*	<0.150	0.150	09/07/2012	ND	6.68	111	6.00	0.794	
Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 89.4-12	6				. , , , , , , , , , , , , , , , , , , ,		
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/10/2012	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/10/2012	ND	173	86.3	200	10.1	
DRO >C10-C28	<10.0	10.0	09/10/2012	ND	177	88.7	200	15.4	
Surrogate: 1-Chlorooctane	76.9	% 65.2-14	0	English of					
Surrogate: 1-Chlorooctadecane	84.8	% 63.6-15	4						

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Received:

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Reported:

09/11/2012

Project Name:

SNAPPING 2 # 4 H NONE GIVEN

Project Number: Project Location:

P-2-26-31

Sampling Date:

09/05/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: S-4 (H202134-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP						
Analyte	Result	Reporting Umit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2012	ND	1.87	93.7	2.00	1.64		
Toluene*	<0.050	0.050	09/07/2012	ND	1.97	98.7	2.00	0.662		
Ethylbenzene*	<0.050	0.050	09/07/2012 ND		2.04	102	2.00	0.320		
Total Xylenes*	<0.150	0.150	09/07/2012	ND	6.68	111	6.00	0.794		
Surrogate: 4-Bromofluorobenzene (PIE	99.89	% 89.4-12	6							
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/10/2012	ND	400	100	400	0.00		
TPH 8015M	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/10/2012	ND	173	86.3	200	10.1		
DRO >C10-C28	<10.0	10.0	09/10/2012	ND	177	88.7	200	15.4		
Surrogate: 1-Chlorooctane	73.8	% 65.2-14	0							
Surrogate: 1-Chlorooctadecane	86.3	% 63.6-15	4							

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09/11/2012

Project Name:

U9/11/2012 SNAPPING 2 # 4 H

Project Number: Project Location:

NONE GIVEN

P-2-26-31

Sampling Date:

09/05/2012

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Celey D. Keene

Sample ID: S-5 (H202134-05)

BTEX 8021B	mg/	kg	Analyze	d By: AP						
Analyte	Result	Reporting Umit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/10/2012	ND	1.67	83.7	2.00	11.0		
Toluene*	<0.050	0.050	09/10/2012	ND	1.77	88.5	2.00	10.1		
Ethylbenzene*	<0.050	0.050	09/10/2012	ND	1.85	92.7	2.00	9.96		
Total Xylenes*	<0.150	0.150	09/10/2012	ND	6.09	101	6.00	9,11		
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 89. <b>4</b> -12	6	*******				. ,	-	
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	B\$	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	09/10/2012	ND	400	100	400	0.00		
TPH 8015M	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8\$	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/10/2012	ND	173	86.3	200	10.1		
DRO >C10-C28	<10.0	10.0	09/10/2012	ND	177	88.7	200	15.4		
Surrogate: 1-Chlorooctane	76.5	% 65.2-14	0							
Surrogate: 1-Chlorooctadecane	86.6	% 63.6-15	4							

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Celey & Keine



#### **Notes and Definitions**

טא	Analyte NOT DETECTED at or above the reporting limit
rpd	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature,
	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine



#### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 8 of 8

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

	(575) 393-2326 FAX (575) 393-24	76																
Company Name:	Inten LPE	.,,			BILL	TO	W. 194				, , , ,	ANAL	YSIS	RE	QUE	ST	 	
Project Manager	Silon LPE DAVID Adkins			P.O. #:													l	. 1
Address: 40	8 W. Jexas			Compan	y: Ok	6021	· · · · ·											
City: Wites	Ca State: W/	7 zip: 88211	)_	Attn:				]			ĺ							
Phone #:575	-746-8768 Fax#. \$5	75-746-87	75	Address	:													
Project#:	Project Own	er. Devon		City:							Ì							l
Project Name:	Snapples 2 #4	or: <u>Devon</u> 4		State:	Zip:				ļ	`	ĺ						İ	
Project Location: P-2-26-31					Phone #:				.	4								
Sampler Name:	Ken Swift			Fax#:						المخا								İ
FOR LAB USE ONLY	U	MA	RIX	PRESERV SAMPLING					· B									
Lab I.D.  #202134- 01 02 03 04 05	Sample I.D.  5-1 5-2 5-3 5-4 5-5	(G) (G) (A) (G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER	OIL	OTHER:	Отнеи: (16)	112	TIME 900 905 9,09 914 9,0	HOLL NVVV	TYNN BETX									
PLEASE MOTE: Vander and	d Damagoz, Cardinafa kubliky and client's exclusive sementy to	non-claim curing whether beset	in construct	or lest shall be	Soutod to the er	Trought posel b	w the chent for	170								1		
analyses. All claims including	g those for negligenco and nny other cause whatsoever shall be refinel be flable for incidental or consequental damages, includ	e doorned walved unless made in	willing and	received by Ca	oc aidhir taniba	days after c	omplotion of th	in ubbşenp	le									
nittinton or succommon article	q out of at related to the performence of services hereunder to	Cordinal, regardless of whether a				stated mass	ns or otherwise	47.	· 3 · 4 · ·								 	
Relinquished By	45/2	Received By:	V			Ī	hone Res	t:	☐ Yes		No_ No	Add'i F		#;			 	
Ila	Time: PSC	1 (class	hle	M	2	,	REMARKS	i:										1
Rollinguished By	: Date:	Received By:																
	Time:	$\sigma$																
Delivered By:	(Circle One)	Sample	Conditi	on Cl	HECKED B	Y:												ł
Sampler - UPS	- Bus - Other:	Cool UVes	mtack Yes	10	(Initials)													

